Franklin Elementary School
Whole Site Modernization

Initial Study / Mitigated Negative Declaration

Prepared for
San Diego Unified School District

September 2019

San Diego Unified
SCHOOL DISTRICT

ESA

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Whole Site Modernization

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September 2019

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ACRONYMS

ADA	Americans with Disabilities Act
ALUCP	Airport Land Use Compatibility Plan
BMPs	Best Management Practices
CalEEMod	California Emissions Estimator Model
CalEPA	California Environmental Protection Agency
CAL FIRE	California Department of Forestry and Fire Protection
Caltrans	California Department of Transportation
Cal/OSHA	California Division of Occupational Safety and Health
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CBC	California Building Code
CCR	California Code of Regulations
CEQA	California Environmental Quality Act
CH_4	Methane
CM	Construction Measures
CO	Carbon Monoxide
CO_2	Carbon Dioxide
DTSC	Department of Toxic Substances Control
EIR	Environmental Impact Report
EO	Executive Order
EPA	Environmental Protection Agency
FEMA	Federal Emergency Management Agency
GHG	greenhouse gases
HRA	Historic Resource Assessment
I	Interstate
IS	Initial Study
LUST	Leaking Underground Storage Tank

MBTA	Migratory Bird Treaty Act
MTCO2E	metric tons of carbon dioxide equivalent
MND	Mitigated Negative Declaration
MRZ	Mineral Resource Zone
NAHC	Native American Heritage Commission
ND	Negative Declaration
NOI	Notice of Intent
N_2O	Nitrous Oxide
O_3	ozone
PM	Particulate Matter
PM_{10}	particulate matter with an aerodynamic diameter of 10 micrometers or less
$PM_{2.5}$	particulate matter with an aerodynamic diameter of 2.5 micrometers or less
PRC	Public Resources Code
RAQS	Regional Air Quality Strategies
SANDAG	San Diego Association of Governments
SCIC	South Coastal Information Center
SDAB	San Diego Air Basin
SDAPCD	San Diego Air Pollution Control District
SDG&E	San Diego Gas and Electric
SDNHM	San Diego Natural History Museum
SLF	Sacred Lands File
SR	State Route
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
VHFHSZ	Very High Fire Hazard Severity Zones
WPCP	Water Pollution Control Plan

CHAPTER 1
Introduction

1.1 Overview

The San Diego Unified School District (District), as the lead agency under the California Environmental Quality Act (CEQA), has prepared this Initial Study/Mitigated Negative Declaration (MND) to evaluate the potential environmental impacts associated with the Franklin Elementary School Whole Site Modernization Project (Proposed Project). The Proposed Project would repair, renovate, and revitalize the existing Franklin Elementary School (Project Site or campus). Improvements would include demolition of a classroom building (Building 04-05), kindergarten building (Building 05-06), and two existing portables in the northern portion of the campus, and the construction of a new two-story 16,400 square feet building in its place (Building 08). The new building would include 12 classrooms and a new cafeteria. In addition, the Proposed Project would modernize Buildings 01-01, 02-02, 02-03, and 06-07, which would include repairing interior and exterior finishes, replacing doors and windows as needed, renovating restrooms, adding a new public address system, and repairing and replacing deteriorating plumbing as necessary. Improvements would also include repairing sidewalks and ramps, modifying the existing security fence. The Proposed Project would not include any changes to the current number of students, student capacity, or staff. Implementation of the Proposed Project would require approval by the District Board of Education. As part of the District's discretionary review process, the Proposed Project is required to undergo an environmental review in accordance with CEQA.

1.2 CEQA Requirements

Approval of the Proposed Project is a discretionary action and is therefore subject to the requirements of CEQA (Public Resources Code [PRC], Division 13, Sections 21000–21177) and the State CEQA Guidelines (California Code of Regulations [CCR], Title 14, Sections 15000–15387). Initial Studies/Environmental Checklist Forms such as this document are typically used as a basis for deciding whether to prepare an environmental impact report (EIR), a mitigated negative declaration (MND), or a negative declaration (ND) for a project, pursuant to CEQA.

An Initial Study/Environmental Checklist Form is intended to satisfy the requirements of CEQA (PRC Division 13, Sections 21000-21177) and the State CEQA Guidelines (14 CCR 15000-15387). CEQA encourages lead agencies and applicants to modify their projects to avoid significant adverse impacts. Per CEQA (14 CCR 15070), an MND may be prepared for a project subject to CEQA when an Initial Study has identified potentially significant impacts on the environment, but revisions have been made or mitigation has been added so that no significant

impacts on the environment would result from project implementation. Based on the findings of the Initial Study, the District has determined that preparation of an MND is the appropriate method to present environmental review of the Proposed Project in compliance with CEQA.

1.3 Terminology

The following terms are used to describe the level of significance of impacts.

- A finding of *no impact* is used if the analysis concludes that a project would not affect the particular topic area in any way.
- An impact is considered *less than significant* if the analysis concludes that a project would cause no substantial adverse change to the environment and requires no mitigation.
- An impact is considered *less than significant with mitigation incorporated* if the analysis concludes that a project would cause no substantial adverse change to the environment provided that environmental commitments or other enforceable measures are included as part of the Proposed Project.
- An impact is considered *potentially significant* if the analysis concludes that a project could have a substantial adverse effect on the environment.

1.4 Initial Study Organization

The content and format of this report are designed to meet the requirements of CEQA. This Initial Study/MND identifies the potential environmental impacts of the Proposed Project to support the decision to prepare an MND. The report contains the following sections.

- **Chapter 1, Introduction,** identifies the purpose and scope of the Initial Study/MND.
- **Chapter 2, Project Description,** identities the location and environmental setting of the Project Site and describes the Proposed Project in detail.
- **Chapter 3, Environmental Checklist,** presents the checklist responses for each resource topic. This section identifies the potential impacts of implementing the Proposed Project, and identifies all references and individuals cited in this Initial Study/MND.

CHAPTER 2
Project Description

2.1 Project Overview

This chapter provides a description of the proposed Franklin Elementary School Whole Site Modernization Project (Proposed Project), which provides a basis for the environmental analysis contained in this Initial Study/MND. The Proposed Project involves improvements to the existing Franklin Elementary School (Project Site or campus), including demolition of two permanent buildings and two portable classrooms, and construction of a proposed two-story building in its place, which would include classrooms and a cafeteria. In addition, the Proposed Project would modernize all other buildings, including repairing interior and exterior finishes, replacing doors and windows, renovating restrooms, adding a new public address system, replacing plumbing as necessary, repairing sidewalks, and adding an additional security fence.

2.2 Environmental Setting

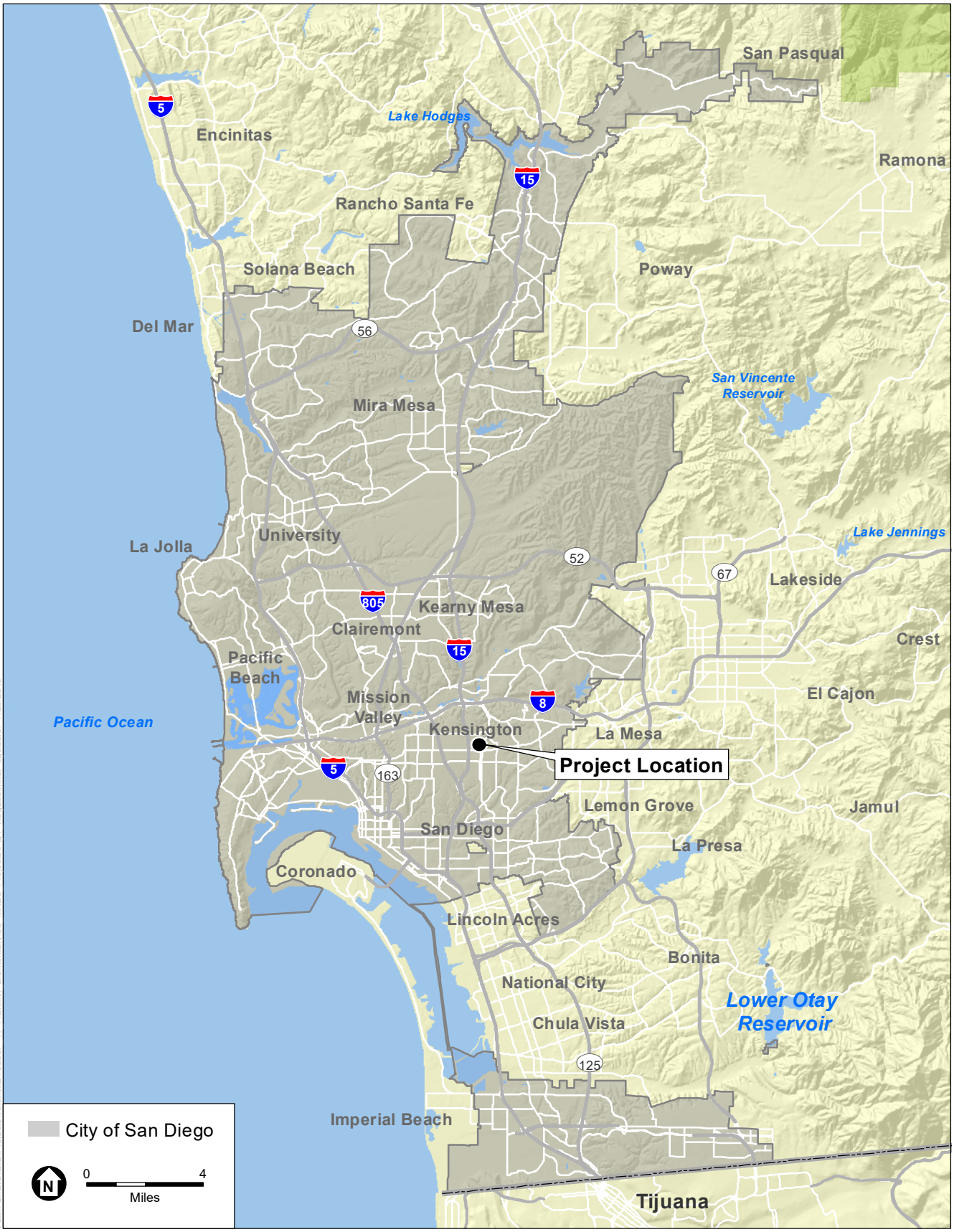
2.2.1 Project Location

Franklin Elementary School is located in the Mid-City Kensington-Talmadge (Kensington) community, in the central portion of the city of San Diego. Kensington is located east of the community of Normal Heights, west of the community of College Area, north of the community of City Heights, and south of the community of Mission Valley. As shown in **Figure 1**, the Project Site is located approximately 0.27 miles east of Interstate (I-) 15 and approximately 1.4 miles south of I-8. Local access is provided by El Cajon Boulevard to the south, Adams Avenue to the north, and Fairmount Avenue to the east, which connects to Montezuma Road and the College Area.

The entire four-acre campus is considered to constitute the Project Site. The Project Site is located entirely within Assessor's Parcel Number (APN) 471-021-03. The Project Site is bound by Monroe Avenue to the north, Van Dyke Avenue to the east, Meade Avenue to the south, and Copeland Avenue to the west, as shown in **Figure 2**.

2.2.2 Surrounding Uses

The Project Site is located within a suburban residential neighborhood comprised primarily of single-family and multi-family (one- and two-story) homes. Residences surround the Project Site to the north, east, south, and west. A church is located 0.07 mile southeast of the Project Site, and Hoover High School is located 0.23 mile to the east. Undeveloped canyons that are part of the



SOURCE: ESRI; SanGIS 2015

Benjamin Franklin Elementary School

Figure 1
Regional Location

ESA

SOURCE: Open Stree Map, 2019.

Benjamin Franklin Elementary School

Figure 2
Project Location

ESA

larger San Diego River system are situated along both sides of Fairmont Avenue. The southernmost extent of the canyon system is located in between houses, approximately 50 feet from the eastern boundary of the Project Site.

2.2.3 Project Site Characteristics

The entire four-acre Project Site is zoned as Residential-Single Unit RS-1-7 (City of San Diego 2019). According to the City of San Diego General Plan, the Project Site has a land use designation of Institutional and Public and Semi-Public Facilities, which is consistent with its use as a school (City of San Diego 2018). By state law, school facilities can be exempted from local zoning ordinances consistent with California Government Code Section 53094. The District Board of Education adopted a resolution on July 10, 2018, exempting Franklin Elementary School from local zoning ordinances consistent with the project being carried out as described in this Initial Study.

The Project Site is currently occupied by Franklin Elementary School, a transitional kindergarten through fifth grade magnet school focused on Science, Technology, Engineering, Art, and Mathematics (STEAM) education. The school began in 1929 with temporary wood portables on the Project Site, with the first permanent building constructed in 1934. Since its original construction, a number of improvements have occurred, including the addition of buildings between 1941 through 1951, installation of a heating, ventilation, and air conditioning (HVAC) system on the rooftops, installation of rooftop solar panels, construction of a new library in 2007, and other general improvements. The school currently has a reported actual student enrollment of 381 students and a program capacity of 432 students for the 2018-2019 school year (District 2019). Projected enrollment for the 2019-2020 School year is 395 students with the same program capacity from the prior school year. Currently the school has 19 classrooms including 17 permanent classrooms and 2 relocatable classrooms located within two portable classroom buildings. There are an estimated 20-25 staff members employed at the school as well, as of 2018-2019

TABLE 1
NET CHANGE OF CLASSROOMS WITH PROPOSED PROJECT IMPLEMENTATION

Building Number	Existing Classrooms	New Classrooms
Building 01-01	6	5
Building 01-02	6	5
Building 01-04/05	5	0 (Demolished)
Relocatable Buildings	2	0 (Demolished)
New Building	0	10
Totals	**19**	**20**

As shown in **Figure 2**, primary campus development is situated in the northwestern portion of the Project Site (fronting Monroe Avenue and Copeland Avenue). In its current configuration, the school has three single-story classroom buildings (Buildings 01-01, 02-02, and 04-05), a single-story kindergarten classroom building (Building 05-06), a two-story assembly and administration

building (Building 02-03), a library (Building 06-07), and two portable buildings. The existing school structures include 10,973 square feet (sf) of administrative space (the administrative and library buildings), 22,788 sf of classrooms, and an additional 3,840 sf of portable space, for a total of 37,601 sf. In addition, the campus includes a covered lunch area, asphalt playground areas, covered walkways, wooden planter boxes in the northeastern corner of the campus, an American with Disabilities Act (ADA) drop-off loop and parking space along Copeland Avenue, and a natural-turf joint-use baseball field in the southern portion of the Project Site. Landscaping is limited to shade trees throughout the Project Site and ornamental landscaping along Monroe Avenue and Copeland Avenue and in courtyards in between classrooms.

The campus does not include any parking lots or general-use drop-off loops. The ADA drop-off loop on Copeland Avenue serves as the school buses drop-off and pick-up area. However, street parking is available on all sides of the campus except along Meade Avenue.

The Project Site itself is relatively level, with topography gently sloping downward to the east. The central asphalt playground area located east of the existing library is topographically lower than where the library and adjacent playground are located. In addition, Van Dyke Avenue to the east of the Project Site is topographically lower than the Project Site, with a retaining wall bordering the eastern boundary of the Project Site.

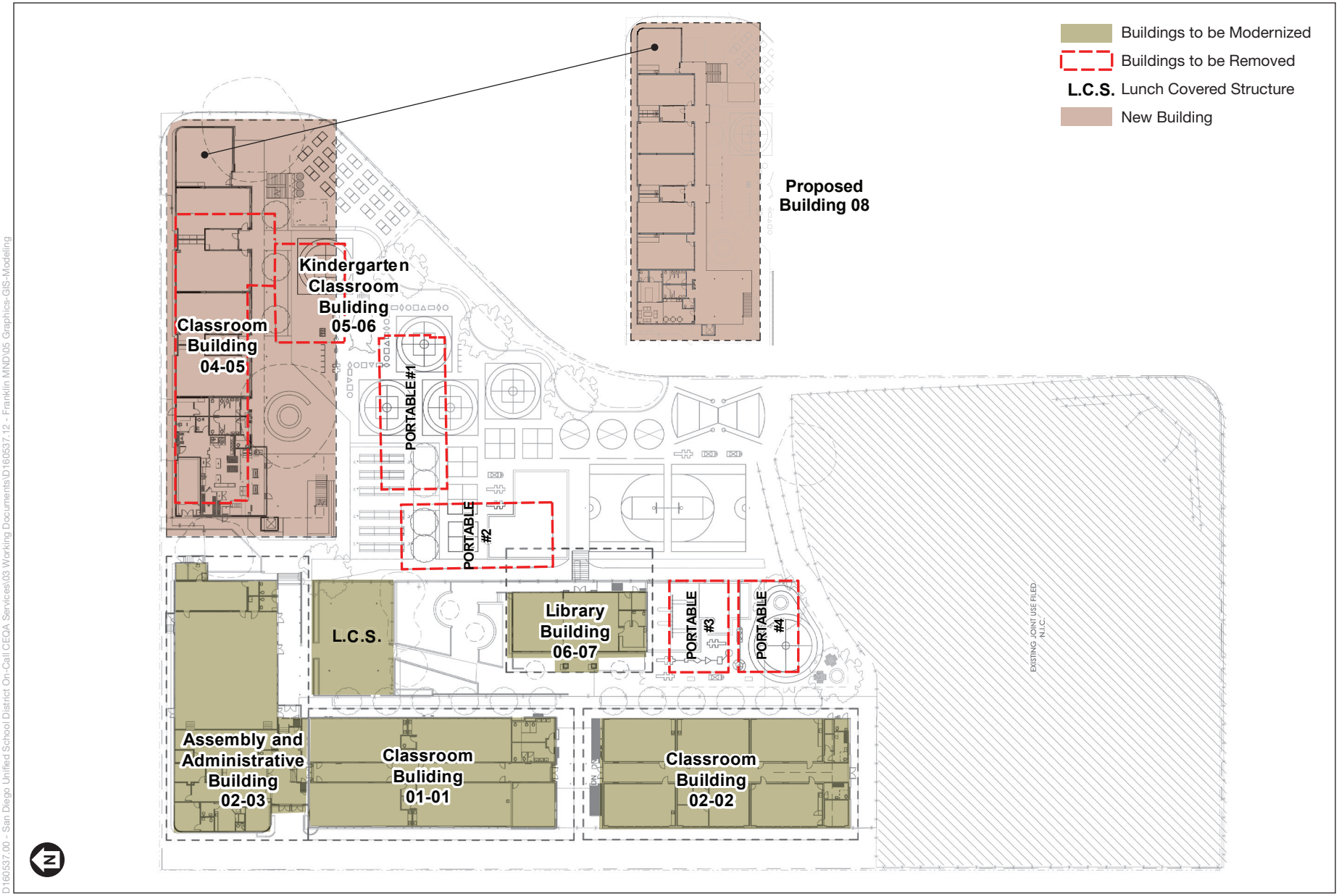
The school is open during the traditional school year (late August through June) and does not provide summer school. School hours (bell schedule) are 7:50 a.m. to 2:10 p.m. Monday through Friday, except for early dismissal at 12:15 p.m. on Wednesdays. In addition, there are several after-school clubs that run on the campus, including Drama Club and Science Olympiad Club.

2.3 Project Characteristics

The Proposed Project would modernize the Franklin Elementary School. Proposed Project components are shown on **Figure 3**.

2.3.1 Proposed Classroom Building

The proposed improvements would require the demolition of the existing classroom Building 04-05, the kindergarten classroom Building 05-06, portable classroom buildings, and rehabilitation of the asphalt playground areas adjacent to the area where the existing portables will be removed. A new approximately 16,400 sf two-story building would be constructed in the northeastern portion of the project site along Monroe Avenue. The new building (Classroom Building 08) would be approximately 29 feet in height, and would include 12 classrooms, a maker space, collaborative space, cafeteria, and restrooms. The proposed building would incorporate a stucco finish, similar to existing buildings on the campus. Once completed, the total number of classrooms would be increased by 1 classroom building from 19 classrooms to 20 classrooms.



SOURCE: San Diego Unified School District, 2019

Franklin Elementary School

Figure 3
Project Components

ESA

D160537.00 - San Diego Unified School District On-Call CEQA Services\03 Working Documents\D160537.12 - Franklin MND\05 Graphics-GIS-Modeling

2.3.2 Whole Site Modernization

Buildings 01-01 and 02-02 (classroom buildings) and Building 02-03 (the assembly and administration building) would include interior and exterior modernization improvements. Improvements would include repairing interior and exterior finishes, replacing doors and windows as needed, renovating restrooms, adding a new public address system, and repairing and replacing deteriorating plumbing, as necessary. In addition, the library (Building 06-07) would include double door improvements and replacement of guardrails at the library stairs.

Improvements would also include repairing sidewalks and ramps throughout the campus, and repair of the existing retaining wall along Van Dyke Avenue. The proposed open area south of the new proposed classroom building extending to the joint-use field would receive new asphalt, concrete, and playgrounds. In addition, the wooden raised bed garden would be relocated from the northeastern corner of the campus to where the existing portables are currently located, and the existing lunch covered structure would be replaced with an updated structure.

Modernization would also include additional security features, including creating a single point of access to Building 02-03 and 01-01 and mounted security cameras throughout the campus. Improvements would also include modifying the existing security fencing in areas where it is not at least 10 feet high.

2.3.3 Landscaping Plan

The northern half of the Project Site consists almost entirely of impervious paved surfaces with small portions of ornamental landscaping, and the southern half consists of pervious decomposed granite with a natural turf joint-use baseball field. The Proposed Project would involve the reconfiguration of buildings on the paved portion of the Project Site as described above. Overall, there would not be a change in the amount of impervious surfaces. Three ornamental trees on the Project Site would be removed to construct the proposed classroom building (Building 08) and accommodate other site improvements. One tree located in the courtyard between Building 04-05 and 05-06, and two along Van Dyke Avenue between Monroe Avenue and Ethelda Place would be removed. Additional drought tolerant trees and landscaping would be added throughout the site as necessary.

2.3.4 Operational Changes

There would be no operational changes with implementation of the Proposed Project. The Proposed Project does not change the current number of students, student capacity, or staff. In addition, there would be no changes to the bell schedule.

2.4 Construction Process and Timeline

Construction would involve demolition, site clearing, grading and excavation of an average of 2 feet below grade for building foundations extending five feet beyond the footprint of the proposed new building, installation of improvements and structural development, and site cleanup. The depth of excavation required is dependent on the distance to the underlying shallow bedrock.

Excavation would not need to extend beyond this bedrock material to support the building foundation. Prior to construction, portable classrooms would be added to the campus to accommodate students while the new classroom building is beingconstructed. Construction would begin February 2021 and would occur for 12 months in threephases, as detailed below and in **Table 2**. Phase 1 would include demolition of Buildings 04-05and 05-06 (classroom and kindergarten classroom buildings), interior demolition and construction of the assembly and administration building (Building 02-03) and improvements at the library (Building 06-07), and the addition of two new temporary portables. Phase 2 would include theconstruction of the new classroom building (Building 08), interior demolition and construction ofclassroom Buildings 01-01 and 02-02, and demolition of the existing Portable 2. Phase 3 wouldinclude demolition of the remaining portable classrooms, as well as the landscape, hardscape, andasphalt playground areas improvements.

Phase 1: Demolition (February to July 2021):

Building 02-03 (Assembly and Administrative Building)

- Demolish administrative offices (interior) and begin new construction.
- Replace door at existing foyer. New opening at Building 02-03 lobby wall. Reconfigure unisex bathroom at lobby. New furniture and casework.
- Demolish auditorium (interior) and primetime area and begin new construction.

Building 06-07 (Library)

- Add double doors to library. Replace guardrails at library stairs.

Building 04-05 (Classroom Building) and Building 05-06 (Kindergarten Classroom Building)

- Demolish all of Buildings 04-05 and 05-06 to accommodate the new classroom building (Building 08)

Portables 1 through 4

- Maintain existing Portable 1 and 2 on site.
- Add additional Portables for kindergarten and 1st grades (New Portables 3 and 4).
- Relocate kindergarten and 1st grade students into Portables 3 and 4.

Phase 2: New Building (July to December 2021):

New Classroom Building 08

- Construct new two-story classroom building (Building 08).
- Replace existing lunch shelter.
- Paving at new building.
- Relocate raised bed garden.
- Once construction has completed move 2nd through 5th graders and teacher lounge into new classroom building (Building 08).

Portable 2

- Demolish existing Portable 2.

Building 01-01 (Classroom Building) and Building 02-02 (Classroom Building)

- Interior demolition and construction.
- New paving and ADA ramps.

Phase 3: Site Finishing and Modernization (December 2021 to February 2022):

- Move kindergarten, 1st graders, and equipment into Buildings 01-01 and 02-02.
- Demolish remaining Portables 1, 3, and 4.
- Landscape, hardscape, and asphalt playground area improvements.

TABLE 2
CONSTRUCTION PHASING

Phase	Approximate Timeline	Description
Phase 1	February 2021 to July 2021	Begin modernization of assembly and administration building (Buildings 02-03) and library (06-07), demolish classroom buildings (Buildings 04-05 and 05-06), and add temporary portables.
Phase 2	July 2021 to December 2021	Construct new classroom building (Building 08), demolish one existing portable, begin modernization of classroom buildings (Buildings 01-01 and 02-02).
Phase 3	December 2021 to February 2022	Demolish remaining portables, and improvements to landscape, hardscape, and playground areas.

SOURCE: District, 2019

Construction is expected to occur between 7:00 a.m. and 7:00 p.m., Monday through Friday (sometimes Saturday), and would comply with the City of San Diego Municipal Code limits regarding construction activity (Municipal Code Section 59.5.0404). No nighttime construction would occur. Construction would overlap with active school hours. All construction and work areas would be clearly demarcated and student access would be prohibited, consistent with construction efforts on other District facilities. All construction equipment staging would be located on-site, in clearly demarcated areas that would not disturb existing school uses. During construction, materials and equipment may be visible from Monroe Avenue and Van Dyke Avenue, however the District would screen these areas with construction fencing. Construction workers would park on the project site in specially designated areas. Construction of the Proposed Project is not expected to require lane closures and is not anticipated to interfere, even temporarily, with emergency access.

2.5 Discretionary Approvals Required

2.5.1 Lead Agency

In conformance with CEQA Guideline Sections 15050 and 15367, the District is the Lead Agency, which is defined as the "public agency, which has the principal responsibility for carrying out or approving a project." There are no responsible or trustee agencies. The California

Division of State Architects (DSA) is a reviewing agency that reviews the project design for compliance with the California Code of Regulations, Title 24.

2.5.2 Permits and Other Approvals

Actions and approvals that may be required from other agencies for the Proposed Project include:

- DSA – General Construction Permit and compliance with California Code of Regulations Title 24
- San Diego Regional Water Quality Control Board– National Pollutant Discharge Elimination System (NPDES) and Stormwater Pollution Prevention Plan (SWPPP)

References

City of San Diego. 2018. City of San Diego General Plan Land Use and Street System Map. Available at https://www.sandiego.gov/planning/genplan.

City of San Diego. 2019. City of San Diego Official Zoning Map. Available at https://www.sandiego.gov/sites/default/files/legacy/development-services/zoning/pdf/maps/grid20.pdf.

District. 2019. Personal communication with District representative, Paul Garcia re: San Diego Unified School District Active Enrollment Numbers 2018-2019. August 06, 2019.

CHAPTER 3
Environmental Checklist

1.	**Project Title:**	Franklin Elementary School Whole Site Modernization Project
2.	**Lead Agency Name and Address:**	San Diego Unified School District Facilities Planning & Construction 4860 Ruffner Street San Diego, CA 92111
3.	**Contact Person and Phone Number:**	Paul Garcia, CEQA Environmental Coordinator, San Diego Unified School District (858) 637-6290
4.	**Project Location:**	Franklin Elementary School 4481 Copeland Avenue San Diego, CA 92116
5.	**Project Sponsor's Name and Address:**	San Diego Unified School District Facilities Planning & Construction 4860 Ruffner Street San Diego, CA 92111
6.	**General Plan Designation(s):**	Institutional & Public and Semi-Public Facilities
7.	**Zoning:**	RS-1-7, Residential – Single Unit
8.	**Description of Project:**	School improvements (see Chapter 2, Project Description)
9.	**Surrounding Land Uses and Setting:**	North: Single and multi-family residential South: Single and multi-family residential East: Single-family residential West: Single and multi-family residential
10.	**Other public agencies whose approval is required:**	Office of the Division of State Architect
11.	**Have California Native American tribes traditionally and culturally affiliated with the project area requested consultation pursuant to Public Resource Code Section 21080.3.1:**	Jamul Indian Village requested AB 52 consultation, and consultation was initiated by the District on October 25, 2018.

Environmental Factors Potentially Affected

The following checklist is used to evaluate the potential for significant environmental impacts caused by the Proposed Project. All responses must consider the project in its entirety and any actions involved (i.e., offsite as well as onsite impacts, cumulative as well as project-level impacts, indirect as well as direct impacts, and construction as well as operational impacts).

This checklist is adapted from the form provided in Appendix G of the State CEQA Guidelines (which was updated by the California Resource Agency in December 2018 for implementation in 2019). The checklist is modified as appropriate for this project. There are 21 CEQA subject categories to be considered, with this checklist organized as such. Each subject discussion includes an evaluation matrix, followed by a brief discussion explaining the evaluation rationale. As appropriate, each subject discussion may address more than one specific issue question if there is a salient interrelation.

The 21 CEQA subject categories—or environmental factors—that must be considered are presented below. Each category is scored according to the potential level of impact significance the Proposed Project may have on the environment. The levels of significance are indicated and described below.

3 = Potentially Significant: There is substantial evidence than an effect is significant.

2 = Less than Significant with Mitigation: Applies in situations where a "potentially significant" impact can be reduced to a "less than significant" level with the incorporation of adequate and feasible mitigation measure(s).

1 = Less than Significant: This is an effect that is discernible but would not cause a lasting significant impact.

0 = No Impact: This is an adequate determination if the referenced information sources show that the impact simply does not apply to projects like the one involved.

1	Aesthetics	0	Agriculture and Forestry Resources	2	Air Quality
2	Biological Resources	2	Cultural Resources	1	Energy
1	Geology/Soils	1	Greenhouse Gas Emissions	1	Hazards and Hazardous Materials
1	Hydrology/ Water Quality	0	Land Use/ Planning	0	Mineral Resources
2	Noise	0	Population/Housing	1	Public Services
1	Recreation	1	Transportation	2	Tribal Cultural Resources
1	Utilities and Service Systems	1	Wildfire	2	Mandatory Findings of Significance

DETERMINATION: (To be completed by the Lead Agency)

On the basis of this initial study:

☐ I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

☒ I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.

☐ I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

☐ I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

☐ I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Signature	Date
Signature	Date

Environmental Checklist

Aesthetics

Issues (and Supporting Information Sources):		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
1.	**AESTHETICS — Except as provided in Public Resources Code Section 21099, would the project:**				
a)	Have a substantial adverse effect on a scenic vista?	☐	☐	☒	☐
b)	Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	☐	☐	☐	☒
c)	Substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	☐	☐	☒	☐
d)	Create a new source of substantial light or glare which would adversely affect daytime or nighttime views in the area?	☐	☐	☒	☐

Discussion

a) **Less-than-Significant Impact.** The Project Site is within an urbanized area on an existing school site. Surrounding land use is dominated by residential development consisting primarily of single-family and multi-family homes. While the Mid-City Communities Plan does not designate specific scenic vistas, views within the Kensington community along Meade Avenue from 1-15 to 42nd Street facing east are considered public view points. Public view points, as described in the Mid-City Communities Plan, offer framed public views of panoramic aesthetic features such as open space areas or significant architecture (City of San Diego 1998). Meade Avenue forms the southern boundary of the Project Site, where development is limited to the existing joint-use natural turf baseball field. The Proposed Project does not include any activities in this part of the Project Site and would not construct any permanent structures along Meade Avenue. The new two-story building would be constructed on the northeast end of the Project Site fronting Monroe Avenue and would not be visible from the public view point. Although implementation of the Proposed Project would modify the existing views of the campus, these changes would not be visible from the identified public view point on Meade Avenue and therefore would not result in a substantial adverse effect on a scenic vista. Therefore, a less than significant impact would occur.

b) **No Impact.** Designated scenic highways within the County of San Diego include portions of State Route (SR-)75, SR-163, SR-125, and SR-78, and eligible state scenic highways include Interstate (I-)5 and SR-52 (Caltrans 2019). The Project Site is more than five miles from SR-75, SR-125, SR-78, and SR-52, and more than three miles from

I-5 and SR-163. While Franklin Elementary School qualifies as a historical resource pursuant to CEQA (as further detailed within Issue 5 below), the Proposed Project would not be visible from a designated scenic highway. Therefore, there are no potential impacts related to scenic resources along a state scenic highway, and no impacts would occur.

c) **Less-than-Significant Impact.** The Project Site is located in an urbanized (suburban) area within an existing school campus. The existing visual character surrounding the Project Site is that of a residential neighborhood, with single- and multi-family residences surrounding the school to the north, south, and west, and single-family homes to the east. The Project Site is currently developed as an operating school with three single-story classroom buildings, a single-story kindergarten classroom building, a two-story assembly and administration building, a library, two portable buildings (with two classrooms in each), as well as a joint use baseball field and playground area. While the Project Site itself is relatively level, the surrounding topography gently slopes downward to the east. Van Dyke Avenue to the east of the Project Site is topographically lower than the Project Site, with a retaining wall bordering the eastern boundary of the Project Site. Public views addressed in this analysis include those from Copeland Avenue, Meade Avenue, Van Dyke Avenue, and Monroe Avenue. Views from private residences surrounding the Project Site are not protected under CEQA, and therefore are not further discussed.

Construction of the Proposed Project would include the presence and use of heavy machinery including, but not limited to, large trucks, bulldozers, and a construction staging area. Construction activities associated with the Proposed Project are considered a temporary, short-term visual effect.

All of the Proposed Project improvements would occur entirely within the developed campus (Project Site) and would be partially to entirely visible, depending on viewing location. Prominent visual elements on the northern end of the Project Site, along Monroe Avenue, include the existing administration building (Building 02-03) and a classroom building (Building 04-05). Views along Monroe Avenue would change due to the replacement of an existing single-story classroom building (Building 04-05) with a new two-story building, which would be located at the northeast end of the Project Site.

Prominent visual elements on the eastern portion of the Project Site, along Van Dyke Avenue, primarily include the existing retaining wall and playground areas, and views of the classroom building (Building 04-05), kindergarten classrooms (05-06), and two portables are visible in the distance. Views along Van Dyke Avenue would change due to the demolition of the existing classroom building (Building 04-05), kindergarten building (Building 05-06), and portables. The addition of new asphalt playgrounds and repair of the retaining wall would also alter views along Van Dyke Avenue.

Despite these changes, views along Monroe Avenue and Van Dyke Avenue would not be substantially altered as the proposed classroom building would be consistent in size, scale and building materials of existing campus structures. The existing ornamental landscaping would remain along the exterior perimeter of the Project Site along Monroe Avenue and Copeland Avenue. Additionally, street trees along Meade Avenue and Van Dyke Avenue would remain in place. Therefore, the visual character and quality of public views would not be significantly impacted from Monroe Avenue or Van Dyke Avenue.

Due to site configuration and intervening structures and landscape, the demolition activities, construction of the new two-story building, and reconfiguration of the playground would not be visible from Meade Avenue or Copeland Avenue, and public views would remain the same.

Other modernization elements of the Proposed Project, including repaving of the playground area east of the existing portable classrooms, repairing interior and exterior finishes, replacing doors and windows, renovating restrooms, adding a new public address system, replacing plumbing as necessary, repairing sidewalks, and adding an additional security fence, are all small scale modifications that would not constitute a significant change in the visual quality from public views.

Overall, the visual character would be similar to the existing conditions, which is that of a school and school-related uses. Therefore, impacts on the visual character or quality of public views of the Project Site or surrounding area would be less than significant.

d) **Less-than-Significant Impact.** The Project Site is located adjacent to Copeland Avenue, Meade Avenue, Van Dyke Avenue, and Monroe Avenue, which contain residential vehicles and streetlights of a suburban neighborhood scale that emit light and glare during the day and night. In addition, the campus includes existing exterior security lighting that is consistent with District Site Operations Circular No. 1053, which requires all lighting to be turned off prior to 10:00 p.m.

The proposed classroom building would include exterior security lighting. However, similar to existing conditions, lighting would be required to be consistent with District Site Operations Circular No. 1053, which requires all lighting to be turned off prior to 10:00 p.m. to avoid excessive energy consumption and to limit nighttime light spillover into adjacent residential areas. The Proposed Project would not generate substantially more light and glare compared to existing conditions. Construction activities would only occur during permitted daytime hours, and no nighttime construction or lighting would be required. After completion of construction, no substantial changes to sources of light are expected to occur at the site and its surroundings as a result of implementation of the Proposed Project.

The proposed classroom building would be constructed using a smooth stucco finish, consistent with other materials on existing buildings, and would not constitute a substantial source of glare. Therefore, impacts associated with light and glare as they relate to daytime and/or nighttime views in the area would be less than significant.

References

California Department of Transportation (Caltrans). 2019. California Scenic Highway Mapping System: San Diego County. Available at http://www.dot.ca.gov/hq/LandArch/16_livability/scenic_highways/.

City of San Diego, 1998. Mid-City Communities Plan. Aug 4, 1998. Available at: https://www.sandiego.gov/sites/default/files/legacy/planning/community/profiles/pdf/cp/cpmcfull.pdf. Accessed on July 2019.

City of San Diego. 2007. General Plan Final PEIR. Available at https://www.sandiego.gov/planning/genplan/documents/peir.

Agricultural and Forest Resources

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
2. AGRICULTURAL AND FOREST RESOURCES — In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. **Would the project:**				
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	☐	☐	☐	☒
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	☐	☐	☐	☒
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	☐	☐	☐	☒
d) Result in the loss of forest land or conversion of forest land to non-forest use?	☐	☐	☐	☒
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	☐	☐	☐	☒

Discussion

a) **No Impact.** The Project Site is in an urbanized area on an existing school site. According to the California Department of Conservation's San Diego County Important Farmland map, the Project Site is classified as "Urban and Built-Up Land," which does not contain any agricultural uses or areas designated as Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (California Department of Conservation 2016). Therefore, the Proposed Project would not convert farmland to a non-agricultural use and no impact would occur.

b) **No Impact.** As mentioned above in Issue 2 (a), the Project Site is fully developed in an urbanized area and does not contain any agricultural land (California Department of Conservation 2016). The Project Site is zoned as RS-1-7, which does not permit agricultural uses beyond limited community gardens (City of San Diego 2019a, City of San Diego 2019b). There are no Williamson Act contracts in the project vicinity (California Department of Conservation 2013). Therefore, the Proposed Project would

not conflict with existing zoning for agricultural use or a Williamson Act contract and no impact would occur.

c) **No Impact.** As mentioned above in Issue 2 (a) and (b), the Project Site is in an urbanized area on an existing school site. The Proposed Project Site is zoned as RS-1-7, which does not include forest lands, timberlands, or timberland zoned Timberland Production (City of San Diego 2019a). Therefore, the Proposed Project would not conflict with existing zoning for forest land and no impact would occur.

d) **No Impact.** As mentioned above in Issue 2 (c), the Project Site is fully developed and, according to the City of San Diego General Plan and Municipal Code, is not designated as forest land (City of San Diego 2015, City of San Diego 2019a). Therefore, the Proposed Project would not result in the loss of forest land or conversion of forest land to non-forest use; therefore, no impact would occur.

e) **No Impact.** As mentioned above, construction and operation of the Proposed Project would have no impact on agriculture or forest resources. Additionally, there would be no need for land acquisitions to implement the Proposed Project. No other changes in the existing environment, which, due to their location and nature, would result in the conversion of farmland to non-agricultural use or conversion of forest land to non-forest use under the Proposed Project. Therefore, there would be no impact.

References

California Department of Conservation. 2013. San Diego County Williamson Act 2013/2014. Available at ftp://ftp.consrv.ca.gov/pub/dlrp/wa/San_Diego_w_13_14_WA.pdf.

California Department of Conservation. 2016. San Diego County Important Farmland 2014. Available at ftp://ftp.consrv.ca.gov/pub/dlrp/FMMP/pdf/2014/sdg14_w.pdf.

City of San Diego. 2015. City of San Diego General Plan, Land Use and Community Planning Element. Available at https://www.sandiego.gov/sites/default/files/lu_2015.pdf.

City of San Diego. 2019a. San Diego Municipal Code, Chapter 13, Article 1, Division 4, Residential Base Zones. Available at http://docs.sandiego.gov/municode/MuniCodeChapter13/Ch13Art01Division04.pdf.

City of San Diego, 2019b. City of San Diego, Official Zoning Map. Available at https://www.sandiego.gov/sites/default/files/legacy/development-services/zoning/pdf/maps/grid20.pdf. Accessed July 2019.

Air Quality

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
3. AIR QUALITY — Where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to make the following determinations. **Would the project:**				
a) Conflict with or obstruct implementation of the applicable air quality plan?	☐	☐	☐	☒
b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?	☐	☐	☒	☐
c) Expose sensitive receptors to substantial pollutant concentrations?	☐	☒	☐	☐
d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	☐	☐	☒	☐

Discussion

a) **No Impact.** The Project Site is located in the San Diego Air Basin (SDAB), which is within the jurisdiction of the San Diego Air Pollution Control District (SDAPCD). SDAPCD is required, pursuant to the federal and state Clean Air Acts, to reduce emissions of criteria air pollutants currently in nonattainment of federal and state ambient air quality standards in the SDAB. The SDAB is currently classified as a federal nonattainment area for the 2008 8-hour ozone (O3) standard. The SDAB is currently classified as a federal attainment/maintenance area for both the federal 1997 8-hour O3 standard and the federal carbon monoxide (CO) standard. In addition, the SDAB is classified as a state nonattainment area for the California standards for O3, particulate matter less than 2.5 microns (PM2.5), and particulate matter less than 10 microns (PM10) (USEPA 2019, CARB 2018). Note, O3 emissions are not directly emitted from sources; O3 emissions are formed by the combination of O3 precursors of nitrogen oxides (NOx) and volatile organic compounds (VOC) emissions (i.e., vehicle tailpipe emissions) in the atmosphere in the presence of sunlight.

All areas designated as nonattainment are required to prepare plans showing how the area would meet the state and federal air quality standards by its attainment dates. The San Diego Regional Air Quality Strategy (RAQS) is the region's applicable air quality plan for improving air quality in the SDAB and attaining federal and state air quality standards. The RAQS relies on information from the California Air Resources Board (CARB) and the San Diego Association of Governments (SANDAG), including projected growth in the County, which is based in part on local general plans. Therefore, the Proposed Project needs to be consistent with the air quality standards outlined in the RAQS.

Air pollutant emissions generated from the construction and operation of the Proposed Project would have the potential to affect implementation of the RAQS. Emissions from construction activities would be minimal, as shown under Issue 3 (b), below. Project construction would comply with SDAPCD Rules and Regulations, including Rules 50, 51, and 55, which forbid visible emissions, nuisance activities, and require fugitive dust control measures, respectively. The Project would repair, renovate, and revitalize the existing Franklin Elementary School and would not result in a change in existing land uses. The Project would not increase the school's current number of students, student capacity, or staff, therefore, would not increase motor vehicle trips to the Project Site, which in turn would not increase operational vehicle emissions from the school (as analyzed in Issue 3 (b) below), and would not generate an increase in area housing. As such, the Proposed Project would not conflict with or obstruct the implementation of the San Diego RAQS, and there would be no impact.

b) **Less-than-Significant Impact.** Project construction and operation would generate air pollutant emissions that could violate regional air quality standards, or contribute to an existing or projected air quality violation. Project construction and operational emissions could result in a cumulatively considerable net increase of a criteria pollutant for which the Project region is in non-attainment under an applicable federal or state ambient air quality standard.

School facilities are currently operating on the Project Site, and residences are located within immediate proximity (i.e., across the streets surrounding the Project Site). These proximate residents and on-site students are considered air quality sensitive receptors. Project demolition, removal, and construction of buildings would include the operation of heavy equipment, which would generate diesel exhaust and fugitive dust, and potentially contribute to local exposure of the nearby sensitive receptors to substantial pollutant concentrations. With the demolition and removal of two existing buildings (Buildings 04-05 and 05-06), construction of a new building, and modernization of the existing buildings to remain, the operation of the resultant buildings would minimize school building emissions with the improved efficiency of the new and modernized building facilities and elimination of less efficient older building facilities. The analysis provides a worst-case, conservative estimation of Project construction and operational emissions, and determines whether these emissions could contribute significantly to existing or projected air quality violations, either directly or cumulatively.

Project construction emissions would vary from day-to-day over the approximately 12-month duration, depending on the specific type and level of construction activity, and, for fugitive dust, prevailing weather conditions. Project construction activities would include the following phases: Phase 1) construction of portable classrooms, begin modernization of buildings, and demolition of buildings 04-05 and 05-06; Phase 2) grading, construction of new classroom building, paving, architectural coating, continued site modernization, and demolition of Portable 2; and Phase 3) finishing site modernization and demolition of Portables 1, 3, and 4. As SCAQMD emission thresholds are in terms of daily emissions (pounds per day), construction-related emissions were quantified in pounds per day for a worst-case day of construction emissions (i.e., the maximum potential daily emissions

that could potentially occur on a given day due to multiple pieces of equipment operating simultaneously with overlapping construction phases) using the California Emissions Estimator Model (CalEEMod), version 2016.3.2 for off-road emissions (construction equipment) and 2017 Emission Factors model (EMFAC2017) for on-road emissions (haul trucks, vendor trips and worker trips). Project construction emissions of each criteria pollutant were then compared to applicable SDAPCD thresholds. Calculations are included in Appendix A and **Table 2** below.

TABLE 2
MAXIMUM DAILY UNMITIGATED REGIONAL CONSTRUCTION EMISSIONS

	Estimated Emissions (lbs/day)a					
Source	**VOC**	**NOx**	**CO**	**SO_2**	**PM10**	**PM2.5**
Maximum Daily Emissions by Project Phase[b]						
Phase 1	6	6	7	<1	1	<1
Phase 2	44	29	31	<1	2	1
Phase 3	12	7	8	<1	1	<1
Maximum Regional Construction Emissions	**44**	**29**	**31**	**<1**	**2**	**1**
SDAPCD Thresholds of Significance	75	250	550	250	100	55
Exceeds Thresholds?	No	No	No	No	No	No

a Totals may not add up exactly due to rounding in modeling calculations. Detailed emissions calculations are provided in Appendix A.

b Site modernization would occur throughout the construction period, therefore emissions from site modernization would occur at the same time as the other activities occurring onsite. As there is not a detailed construction schedule available for the project, there is the potential for other subphases to occur at the same time. During Phase 2 there is the potential for grading to occur on one portion of the site while demolition is finishing on another. During Phase 3, there is the potential for building construction, architectural coating of buildings, and paving to all occur at the same time and to overlap with site modernization activities. Therefore, the Maximum Emissions by Project Phase represents these worst-case overlap scenarios.

SOURCE: ESA 2019.

As shown in Table 2, the Project's estimated worst-case day construction emissions would be below the applicable threshold levels. Typical daily construction emissions would be less than the worst-case day emissions. In addition, with the implementation of Mitigation Measure AIR-1, as required to reduce health risk emissions, as detailed in Issue 3 (c) below, maximum daily construction emissions would be even lower than disclosed above. The Proposed Project is required to comply with SDAPCD rules and regulations, including Rules 50, 51, and 55, as described above in Issue 3 (a) to further reduce emissions. Therefore, construction impacts associated with the Proposed Project would be less than significant.

The Proposed Project would not result in an increase in students, student capacity, or staff, and there would be no change in the number of vehicle trips associated with operation of the school. Therefore, mobile source emissions would not change from current conditions, and a quantified analysis is not necessary. Project operation (of the new building and modernized buildings minus the replacement of existing buildings) would continue to generate long-term regional emissions of criteria air pollutants less than or similar to the existing facilitates including ozone precursors associated with

building operations (other than mobile sources), including building energy sources and area sources (architectural coatings and consumer cleaning products). Operations-related emissions (i.e., area and energy sources) were modeled using CalEEMod, and compared to applicable SDAPCD thresholds for criteria pollutants. As shown in **Table 3**, to determine the total net operational emissions from the Proposed Project, the total existing operational emissions from the existing sources to be removed (i.e. portables to be removed, Buildings 04-05 and 05-06 to be demolished) was subtracted from the total Project emissions (area sources and energy) from the resultant Project sources (i.e. new building and modernized existing buildings).

As shown in Table 3, the Project's operational emissions would be negligible, and well below the applicable threshold levels. Therefore, operational impacts associated with the Proposed Project would be less than significant.

Project construction and operational activities would not result in a cumulatively considerable net increase of criteria pollutants in a non-attainment region. The Project Site is within the SDAB, which is classified as a nonattainment area for certain federally and state-designated criteria pollutants, including O_3, PM10, and PM2.5. As shown in Tables 2 and 3, Project construction and operation emissions of O_3 precursors of VOC and NOx, PM10, and PM2.5 would not exceed SDAQMD standards. Also, construction emissions would be temporary and localized, and the Project would comply with all required SDAPCD emissions and fugitive dust measures, which would ensure that the cumulative contribution of criteria pollutants during Project construction would be less than significant.

TABLE 3
PROPOSED PROJECT OPERATIONAL EMISSIONS

	Estimated Emissions (lbs/day)[a]					
Emissions Source	**VOC**	**NOx**	**CO**	**SO_2**	**PM10**	**PM 2.5**
Existing[b]						
Area Sources	0.98	0.00	0.00	0.00	0.00	0.00
Energy	0.01	0.07	0.05	0.00	0.00	0.00
Total Existing Emissions	0.98	0.07	0.06	0.00	0.00	0.00
Project[c]						
Area Sources	1.08	0.00	0.00	0.00	0.00	0.00
Energy	0.01	0.06	0.05	0.00	0.00	0.00
Total Project Emissions	1.09	0.06	0.05	0.00	0.00	0.00
Total Net Emissions[d]	0.10	(0.01)	0.00	0.00	0.00	0.00
SDAPCD Significance Threshold	*75*	*250*	*550*	*250*	*100*	*55*
Exceed SDAPCD Threshold?	No	No	No	No	No	No

[a] Detailed emissions calculations are provided in Appendix A.

[b] Existing emissions are emissions from sources to be removed (Buildings 04-05 and 05-06 and portables) and current emissions from Buildings 01-01, 02-02, and 02-03 which are to be modernized.

[c] Project emissions are emissions from new sources associated with the project (i.e. new building) and emissions from the modernization of Buildings 01-01, 02-02, and 02-03.

[d] Net emissions are the project emissions minus the existing emissions

SOURCE: ESA 2019.

As presented in Tables 2 and 3 for construction and operational emissions, respectively, the maximum daily emissions for the criteria pollutants would be below SDAPCD significance thresholds, which were developed in order that emissions in the SDAB can meet or will maintain compliance with the state and federal ambient air quality standards. The standards were established at levels that provide public health protection and allow an adequate margin of safety, including protecting the health of sensitive populations such as asthmatics, children, and the elderly. As Project-related construction and operational emissions would not exceed any regulatory thresholds, off-site receptors would not be exposed emission levels in excess of the health-based ambient air quality standards. As such, construction and operation activities related to the implementation of the Proposed Project would not contribute to health effects related to these pollutants, and impacts would be less than significant.

c) **Less-than-Significant Impact with Mitigation Incorporated.** Project construction emissions could expose sensitive air quality receptors to substantial pollutant concentrations. Sensitive air quality receptors are facilities and structures where people, particularly, children, the elderly, and those with respiratory illnesses (e.g., asthma), live or spend considerable amounts of time, such as retirement homes, residences, schools, playgrounds, childcare centers, and athletic facilities. The Project Site itself is an existing school facility with children (students) when school is in session, and therefore, an air quality sensitive receptor. The Project Site is located within a residential neighborhood, with single-family residences across the streets that surround the Project Site, including Van Dyke Avenue to the east, Meade Avenue to the south, Copeland Avenue to the west, and Monroe Avenue to the north.

Project construction would occur in three phased areas of the Project Site over a total of approximately 12 months. For potential health risks, the duration of Project construction is significantly lower than the 30-year exposure period typically associated with chronic cancer health risks. However, due to the revision in health risk methodology and the increased risk to young children, the Office of Environmental Health Hazards Association (OEHHA), recommends a quantitative health risk assessment (HRA) be conducted for any activities lasting more than two months or disturbing more than one acre (OEHHA, 2015). Accordingly, a quantitative construction HRA was conducted to determine the potential health risk to both onsite (school) and offsite (residential) receptors from exposure to diesel particulate matter (DPM) in the exhaust from the construction equipment operation. **Table 4** summarizes the carcinogenic and non-carcinogenic risk for the maximum impacted sensitive residential and onsite school receptors, both before and after mitigation. Detailed assumptions and methodology are included in Appendix A.

TABLE 4
INCREMENTAL INCREASE IN CARCINOGENIC RISK AND HAZARDOUS INDEX

Sensitive Receptor	Maximum Cancer Risk (# in one million) [a]	Chronic Risk Hazard Index (HI)[b]
Unmitigated Risk		
Residential	53.76	0.49
School	11.31	0.51
Maximum Individual Cancer Risk Threshold[c]	1	1
Exceeds Threshold?	**Yes**	No
Mitigated Risk		
Residential	6.58	0.05
School	1.47	0.06
Maximum Individual Cancer Risk Threshold[c]	10	1
Exceeds Threshold?	No	No

[a] Cancer risk values based on a 30-year exposure of maximum levels of DPM. Residential construction risk was calculated assuming a child was born at the beginning of the project construction and be exposed throughout project construction. School related construction risk assumes the school is closed during the summer (approximately 3-month period) and that the same children are present throughout the entire construction period when school is in session (approximately 9-month period).

[b] Chronic risk HI values based on the annual maximum levels of DPM divided by the corresponding DPM reference exposure levels (RELs).

[c] See text below for explanation of thresholds

See Appendix A for additional details and modeling data.

SOURCE: ESA, 2019.

As shown in Table 4, the chronic health risk hazard index (HI) for the Proposed Project during construction is estimated at 0.49 for residences and 0.51 for students, which is below the significance threshold of a chronic risk HI of greater than 1. However, as shown in Table 4, the maximum incremental increase in cancer risk would be up to approximately 54-in-one-million for residences and 11-in-one-million for students, which would exceed the SDAPCD significance threshold of 1-in-one-million without the incorporation of toxics best available control technologies (T-BACTs). Therefore, the Proposed Project would have a potentially significant carcinogenic health risk, and thus, mitigation measures would be required. With incorporation of **Mitigation Measure AIR-1** (detailed below), carcinogenic risk would be reduced to 6.58 for residents and 1.47 for students which is below the 10-in-one-million regulatory threshold for projects that have incorporated T-BACTs.[1, 2] Therefore, with the incorporation of mitigation, health risk

[1] Mitigation Measure AIR-1 is considered T-BACTs for this project.

[2] SDAPCD Rule 1210 implements the public notification and risk reduction requirements of State law, and requires facilities with high potential health risk levels to reduce health risks below significant risk levels. Rule 1200 requires that projects that propose to increase cancer risk to between 1 and 10 in one million need to implement T-BACT or impose the most effective emission limitation, emission control device or control technique to reduce the cancer risk. At no time shall a project increase the cancer risk to over 10 in one million or a health hazard index (chronic and acute) greater than one. Projects creating cancer risks less than one in one million are not required to implement T-BACT technology.

impacts from Project construction activities would be reduced to less than significant levels.

Once the Proposed Project is operational, toxic air contaminant emissions would not increase over existing conditions. As the Project modernization of an existing school site and does not change land uses, there would be no new significant sources of toxic air contaminants. Therefore, operational emissions would be minimal, and compliance with all SDAPCD rules would ensure that nearby sensitive receptors would not be exposed to substantial pollutant concentrations.

The implementation of the Proposed Project would not increase the school's student or employee capacity, and therefore, would not result in an increase in peak hour traffic at local intersections. Therefore, impacts would be less than significant.

Mitigation Measures:

AIR-1: Equipment Emission Standards. The Proposed Project shall utilize off-road diesel-powered construction equipment that meet or exceed the CARB and USEPA Tier 4 Final off-road emissions standards for cranes and generators used during new building construction and Tier 3 off-road emissions standards for all other equipment rated at 50 horsepower (hp) or greater during Project construction. Such equipment shall be outfitted with Best Available Control Technology (BACT) devices including a CARB-certified Level 3 Diesel Particulate Filter or equivalent. A copy of each unit's certified tier specification or model year specification and CARB or SDAPCD operating permit (if applicable) shall be available upon request at the time of mobilization of each applicable unit of equipment.

Significance Determination: Less than significant with mitigation.

d) **Less–than-Significant Impact.** Project-related odor emissions would be minimal and would not affect a substantial number of people. During construction activities, emissions from construction equipment may be evident in the immediate area on a temporary basis. Potential sources that may emit odors during construction activities include any architectural coating and asphalt paving. Additionally, material deliveries and hauling heavy-duty truck trips could create an occasional "whiff" of diesel exhaust for nearby receptors. These odors would not affect a substantial number of people because the scale of construction would be small. Operation of the modernized school would not produce objectionable odors. Therefore, the Proposed Project would not result in other emissions (such as those leading to odors) adversely affecting a substantial number of people, and impacts would be less than significant.

References

California Air Resources Board (CARB). 2018. *Area Designations Maps/State and National*. December 28. Available: https://www.arb.ca.gov/desig/adm/adm.htm. Accessed July 2019.

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Assessments, February 2015. Available online at: https://oehha.ca.gov/media/downloads/crnr/2015guidancemanual.pdf.

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Biological Resources

Issues (and Supporting Information Sources):		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
4.	**BIOLOGICAL RESOURCES — Would the project:**				
a)	Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	☐	☒	☐	☐
b)	Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	☐	☐	☐	☒
c)	Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	☐	☐	☐	☒
d)	Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	☐	☐	☐	☒
e)	Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☐	☐	☐	☒
f)	Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	☐	☐	☐	☒

Discussion

a) **Less-than-Significant Impact with Mitigation Incorporated.** The Project Site is developed as an operating elementary school and is either paved or graded and actively used, such as the joint-use baseball field. Ornamental landscaping is present on the Project Site, including along the periphery of the Project Site along Monroe Avenue and Copeland Avenue, and in courtyards between classrooms. Implementation of the Proposed Project would include the removal of three ornamental trees, as described in the project description, to allow for the construction of the proposed classroom building. As part of the Project, additional drought tolerant trees and landscaping would be added throughout the site as necessary.

Ornamental vegetation including trees occurring on site provide suitable nesting habitat for migratory birds and raptors protected under the Federal Migratory Bird Treaty Act (MBTA) and the California Fish and Game Code, which prohibit the take or destruction of migratory birds/raptors, their nests, and/or eggs. Construction is anticipated to commence in February 2021 and take approximately 12 months. Therefore, construction is expected to overlap the avian breeding season (generally

February 1 through September 15) and could result in direct and indirect impacts to nesting raptors and migratory birds. Removal of the single tree and vegetation during the breeding season could result in direct impacts to nesting raptors and migratory birds if nests are present at the time of removal. These direct impacts could include injury or mortality of young (eggs and hatchlings) that cannot escape from the nest during tree or vegetation removal. Indirect impacts to raptors and migratory birds nesting in trees and vegetation within and surrounding the Project Site could result from construction noise and vibration. Construction noise and vibration could negatively affect a bird's breeding and foraging behavior in a manner that causes nest abandonment. These potential direct and indirect impacts would be significant given that impacts to nesting birds could result in a violation of the MBTA and Sections 3503 and 3503.5 of the California Fish and Game Code. However, with implementation of **Mitigation Measure BIO-1** (detailed below), potential impacts to nesting raptors and migratory birds would be less than significant. After completion of construction, suitable tree-nesting habitat would be replaced on the Project Site and school activities would continue similar to existing conditions and no impacts to habitats or sensitive species would occur.

Mitigation Measures:

BIO-1: Migratory Birds. To the extent feasible, tree and vegetation removal shall take place outside of the general avian breeding season (February 1 through August 15) and other construction activities shall be initiated outside of the general avian breeding season. If avoidance is not feasible, the following measures shall be followed:

a) If tree or vegetation removal must occur during the avian breeding season, a nesting bird survey of trees and vegetation planned for removal shall be conducted by a qualified avian biologist no more than 1 week prior to commencement of tree and vegetation removal activities. "A qualified avian biologist" refers to a person with the ability to identify birds present in San Diego County to the species level by sight or sound and who is familiar with the breeding and nesting behaviors of native bird species. If active nests with eggs or chicks of bird species protected under the MBTA are detected within trees or vegetation planned for removal, the trees will remain in place until it has been determined by the avian biologist that the nest is no longer active.

b) If construction activities are initiated during the avian breeding season, a nesting bird survey shall be conducted by a qualified avian biologist within the project area and within 300 feet of construction activities to determine if construction activities are affecting their behavior. If it is determined that behavior is being affected during construction, the qualified biologist shall coordinate with the construction manager to implement real-time engineering controls, which may consist of limiting work to only a portion of each hour, ceasing noise-producing activities, and moving people away from the site to avoid affecting behavior. The qualified biologist shall periodically observe the birds to determine when nestlings fledge. No prohibitions shall be applicable thereafter.

Significance Determination: Less than significant with mitigation.

b) **Less than Significant Impact.** The Project Site is developed as an operating elementary school and all areas on campus are either paved or graded; there is no riparian habitat on the Project Site. Undeveloped canyons that are part of the larger San Diego River system are situated along both sides of Fairmont Avenue. The southernmost extent of the canyon system is located in between houses, approximately 50 feet from the eastern boundary of the Project Site. While there is native vegetation in proximity to the Project Site, a retaining wall and chain link fence, along with Van Dyke Avenue, is situated between the Project Site and native vegetation communities. Additionally, all Project-related activities would occur within the limits of the Project Site, and not within these potentially sensitive natural communities. Therefore, implementation of the Proposed Project would result in no direct impacts to riparian habitat or other sensitive natural communities and habitats.

c) **No Impact.** No state or federally protected wetlands are present within or adjacent to the Project Site (Fish and Wildlife Service 2019). The Proposed Project would occur entirely within the existing developed school campus. Therefore, the Proposed Project would not affect any state or federally protected wetlands either directly or indirectly. Therefore, no impact would occur.

d) **No Impact.** The Project Site is located in an urban and developed area surrounded by residential development. The Project Site is completely developed as an operating school and is either paved or graded and actively used. The Project Site and surrounding area do not contain any streams or bodies of water that may be inhabited by any native resident or migratory fish species. Because the Proposed Project would occur on an existing developed school campus, the Project Site is not considered a migratory wildlife corridor. Therefore, the Proposed Project would not result in the interference of the movement of any native or migratory species, wildlife corridors, or the use of native wildlife nursery sites. Thus, no impact would occur.

e) **No Impact.** The Proposed Project would be in compliance with the City's General Plan, Municipal Code, and Mid-City Communities Plan which have policies that protect biological resources; however, there are no local policies or ordinances specific to the protection of trees. Therefore, the Proposed Project would not conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance. Thus, no impact would occur.

f) **No Impact.** The Project Site is fully developed in an urban area. In the City of San Diego, local habitat, species, and biological resources are protected under the City's Multiple Species Conservation Program (MSCP). To implement the MSCP, the City developed Multi-Habitat Planning Areas (MHPA). While the nearest MHPA includes the undeveloped canyons east of the Project Site situated along both sides of Fairmont Avenue, the Project Site itself is located outside of the MSCP MHPA boundaries (City of San Diego 2008). Therefore, the Proposed Project would not conflict with applicable conservation plans, and no impact would occur.

References

City of San Diego, 2008. City of San Diego General Plan, Conservation Element. Available at https://www.sandiego.gov/sites/default/files/legacy//planning/genplan/pdf/2012/ce120100.pdf

County of San Diego. 1998. Final Multiple Species Conservation Program. Available at http://www.sandiegocounty.gov/content/dam/sdc/pds/mscp/docs/SCMSCP/FinalMSCPProgramPlan.pdf.

Fish and Wildlife Service. 2019. National Wetlands Inventory. Available at https://www.fws.gov/wetlands/data/mapper.html.

Cultural Resources

Issues (and Supporting Information Sources):	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
5. CULTURAL RESOURCES — Would the project:				
a) Cause a substantial adverse change in the significance of a historical resource pursuant to in §15064.5?	☐	☒	☐	☐
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	☐	☒	☐	☐
c) Disturb any human remains, including those interred outside of formal cemeteries?	☐	☐	☒	☐

Discussion

The information in this section is based on a records search conducted at the South Coast Information Center (SCIC) and the *Benjamin Franklin Elementary School Whole Site Modernization Project Historic Resources Assessment*, located in Appendix B.

a) **Less-Than-Significant Impact with Mitigation Incorporated.** The SCIC records search indicates that 25 previous cultural resources investigations have been conducted within 0.5 mile of the Project Site. Of these 25 studies, one overlaps the Project Site (SD-03402) and is an Archaeological-Historical Study for the City Heights Redevelopment Plan prepared in 1991. The SCIC records search results also indicate that one archaeological resource has been previously recorded within the Project Site (P-37-012463) and 11 historic architectural resources have been previously recorded within 0.5 miles of the Project Site. The one resource identified within the Project Site is a historic-period refuse deposit consisting of bottle fragments, building materials, horseshoes, household items, and butchered bone (Smith 1991). The refuse deposit was identified in 1991 during utility trenching in the northeastern portion of the Project Site under approximately 8 feet of fill. The Project includes excavations of an average of 2 feet deep and would not exceed the approximate 8-foot depth of fill underlying the Project Site. Given that Project excavations would occur in non-native fill material it is unlikely that excavations extend into native soils, or that intact archaeological resources would be encountered. However, in the unlikely event that archaeological resources are encountered they may qualify as historical resources pursuant to CEQA. With the incorporation of **Mitigation Measures CUL-1** through **CUL-3**, potential impacts to archaeological resources that qualify as historical resources would be reduced to a less than significant level.

   As detailed in Appendix B, Franklin Elementary School was evaluated with regard to eligibility for listing in the National Register of Historic Places (National Register) and the California Register of Historical Resources (California Register) as potential individual resources as well as a potential historic district. As a result of this focused research and survey investigations, Franklin Elementary School is recommended eligible

as a historic district on the California Register. The campus is associated with the construction of residential suburbs in the Kensington neighborhood due to the population boom associated with the thriving San Diego Naval Station and defense industry during World War II that made a significant contribution to the broad patterns of development at the local level. Further, Franklin Elementary School is eligible as an example of an expanding elementary school campus reflective of evolving Modernist principles as designed by notable San Diego architects Frank W. Stevenson and Samuel Wood Hamill. Therefore, the Project Site qualifies as a historical resource pursuant to CEQA.

The modifications to the potential historic resource would include the repair, replacement and modernization of facilities at the campus, including work to Buildings 01-01, 02-02, and 02-03. Proposed work would also include the demolition of Buildings 04-05 and 05-06, in order to make space to construct a new classroom building. Further work would include the repair of sidewalks and access ramps, and security fence modifications and additions. The library (Building 06-07) would include improvements to the existing double doors and existing guardrails at the library stairs. The library was built in 2007, and therefore is not a contributing building to the historic district. Thus, improvements at the library would not contribute to any historical resource impacts.

While the detailed design for the new classroom building has not yet been established, if it is carefully and deliberately designed to be compatible with the remaining historic district, and if the remaining buildings are to receive rehabilitation treatments to retain their character-defining features both at the interior and exterior according to the mitigation measures, the Project would conform to the Secretary of Interior Standards for Rehabilitation. While the campus would lose two of the contributing buildings that comprise the potential historic district (Buildings 04-05 and 05-06), the remaining Buildings 01-01, 02-02, and 02-03, if retained relatively intact, would still collectively retain sufficient historic significance to convey their association for eligibility as a historic district. Therefore, after implementation of **Mitigation Measures CUL-4** through **CUL-6**, the Proposed Project would have no adverse impact on historic resources because the eligibility of the historic resource as a district would be retained after Project completion.

Mitigation Measures:

CUL-1: Retention of Qualified Archaeologist. Prior to the start of any ground disturbing activities, a qualified archaeologist, defined as an archaeologist meeting the Secretary of the Interior's Standards for professional archaeology (U.S. Department of the Interior 2008) shall be retained by District to carry out all mitigation measures related to cultural resources.

CUL-2: Cultural Resources Sensitivity Training. Prior to start of any ground-disturbing activities, the qualified archaeologist shall conduct cultural resources sensitivity training for all construction personnel associated with the Project. Construction personnel shall be informed of the types of cultural resources that may be encountered during construction, and of the proper procedures to be enacted in the event of an inadvertent discovery of archaeological resources or human remains. District shall

ensure that construction personnel are made available for and attend the training and retain documentation demonstrating attendance.

CUL-3: Unanticipated Discoveries. In the event of the unanticipated discovery of non-prehistoric archaeological materials, all work shall immediately cease in the area (within approximately 100 feet) of the discovery until it can be evaluated by the qualified archaeologist. Construction shall not resume until the qualified archaeologist has conferred with District, and if necessary, the appropriate Native American representatives for prehistoric resources, on the significance of the resource.

If it is determined that the discovered archaeological resource constitutes a historical resource or a unique archaeological resource under CEQA, avoidance and preservation in place is the preferred manner of mitigation. Preservation in place may be accomplished by, but is not limited to, avoidance, incorporating the resource into open space, capping, or deeding the site into a permanent conservation easement. In the event that preservation in place is demonstrated to be infeasible and data recovery through excavation is the only feasible mitigation available, an Archaeological Resources Treatment Plan shall be prepared and implemented by the qualified archaeologist in consultation with District that provides for the adequate recovery of the scientifically consequential information contained in the archaeological resource. The qualified archaeologist and District shall consult with appropriate Native American representatives in determining treatment for prehistoric or Native American resources to ensure cultural values ascribed to the resource, beyond those that are scientifically important, are considered.

CUL-4: Historic American Building Survey Recordation. Prior to the issuance of a building permit for the subject property, a recordation document shall be prepared in accordance with Historic American Buildings Survey (HABS) Level III requirements for the eligible buildings within the identified historic district. The recordation document shall be prepared by a qualified architectural historian or historic preservation professional who satisfies the Secretary of the Interior's Professional Qualification Standards for Architectural History pursuant to 36 CFR 61. This document shall include a historical narrative on the architectural and historical importance of the building and its contributions to the history of the area and educational institutions. The document shall also record the existing appearance of the buildings in professional large format photographs. The buildings' exteriors, representative interior spaces, character-defining features, as well as the property setting and contextual views will be documented. All documentation components shall be completed in accordance with the Secretary of the Interior's Standards and Guidelines for Architectural and Engineering Documentation (HABS/HAER standards). Copies of the completed report will be submitted to the South Coastal Information Center (SCIC) at the California State University – San Diego.

The report shall record the history of the subject property and its physical condition, both historic and current, through site plans, historic maps, and photographs, as well as current photographs, written data, and text. The documentation will be organized in the HABS/HAER "short form" format to include the following sections: name, location, significance, description, history, sources, historians, project information, sketch map, and index of photographs. Selected photographic copies or original photographic prints (pursuant to HABS/HAER guidelines) of historic images showing the subject property and original surroundings will be included.

CUL-5: Development of Preservation Plan. Prior to the start of construction, a Qualified Preservation Professional shall be retained to develop a plan of action for avoidance and protection of historic materials in coordination. The plan shall include at a minimum:

1. Notation of the building/structure/feature on construction plans.
2. Pre-construction survey to document the existing physical condition of the building/structure/feature.
3. Procedures and timing for the placement and removal of a protective barrier(s), such as protective wood boards, bracing or framing to protect fragile fenestration and other exposed architecture features and materials, protective fencing and/or concrete or water-filled plastic K-rails around each retained building/structure/feature.
4. Monitoring of the installation and removal of protective barriers by the Qualified Preservation Professional, or his or her designee.
5. Monitoring of the condition of the building/structure/feature at regular intervals during the duration of demolition and construction including vibration monitoring.
6. Post-construction survey to document the condition of each remaining building, structure, and feature after completion of the Project.
7. Preparation of a technical memorandum documenting the pre-construction and post-construction conditions of the historic materials and resource in compliance with protective measures outlined in this mitigation measure.

The plan shall comply with the Secretary of the Interior's Standards for the Treatment of Historic Properties and shall be memorialized in a technical memorandum, which shall be submitted to District for review and approval. The final approved plan shall be submitted to the District no later than 30 days prior to the start of construction including any staging or demolition activities. The plan shall be provided to each construction manager/foreman at the project kick-off meeting for each phase of work. The technical memorandum documenting the pre-construction and post-construction conditions shall be submitted to the District within 30 days of completion of the Project and removal of the protective barriers.

In addition, prior to the start of construction, the District shall inform construction personnel of the location and significance of the historic materials/resource, and of the avoidance and protective measures that shall be implemented. The District shall ensure that the crew for each phase of construction is provided with this information.

CUL-6: Design Review. The District shall retain a qualified preservation consultant who meets the Secretary of the Interior's Professional Qualifications Standards for History, Architectural History, or Architecture, pursuant to 36 CFR 61 and who has at least 10 years of experience in design review and collaboration applying the Standards (Qualified Preservation Professional) to review the final plans for all new proposed construction to ensure conformance with the Secretary of the Interior's Standards for Rehabilitation (Standards) for the remaining portions of the historic district. The Qualified Preservation Professional shall address the compatibility of the new construction with adjacent historical resources in relation to Standards 9 and 10 (related and adjacent new construction).

The Qualified Preservation Professional shall prepare a Secretary of the Interior's Standards Preservation and Plan Review Report, documenting conformance with the Standards for the remaining portions of the historic district. The Qualified Preservation Professional shall submit a draft report to the District within 30 days of completion of the draft design plans, and shall make any recommendations necessary to bring the design into conformance with the Standards. The Qualified Preservation Professional shall review the final design plans and prepare a final report documenting conformance with the Standards, which shall be submitted to the District no less than 30 days prior to the commencement of construction. The final plan review shall be submitted to the District along with the final plan set prior to Project approval.

Significance Determination: Less than significant with mitigation.

b) **Less-Than-Significant Impact with Mitigation Incorporated**. As indicated above, the SCIC records search identified one previously recorded archaeological resource consisting of a historic-period refuse deposit in the northeastern portion of the Project Site. The deposit was identified at a depth of 8 feet, underlying non-native fill. Project excavations would occur in non-native fill material and not exceed depths of 2 feet. As such, it is unlikely that intact archaeological resources would be encountered as a result of Project-related ground disturbance. However, in the unlikely event that archaeological resources are encountered they may qualify as unique archaeological resources pursuant to CEQA. With the incorporation of **Mitigation Measures CUL-1** through **CUL-3**, potential impacts to unique archaeological resources would be reduced to a less than significant level.

c) **Less-than-Significant Impact.** No known human remains exist within the Project Site. However, the Project involves ground disturbance that, while unlikely, has the potential to encounter buried human remains. Should Project-related ground disturbance unearth, expose, or disturb previously unknown human remains, the statutes of PRC Section 5097.98 and Health and Safety Code Section 7050.5 should be followed. Accordingly, the San Diego County Coroner must be notified in the event human remains are encountered. If the County Coroner determines that the remains are Native American, the California Native American Heritage Commission (NAHC) would be notified in accordance with Health and Safety Code Section 7050.5, subdivision (c), and PRC Section 5097.98 (as amended by Assembly Bill 2641). The NAHC would designate a Most Likely Descendent for the remains per PRC Section 5097.98. As the Project contractor would be required to comply with applicable Health and Safety Codes, impacts to human remains would be less than significant.

References

Environmental Science Associates (ESA). 2019. *Franklin Elementary School Whole Site Modernization Project Historic Resources Assessment*. Prepared for the San Diego Unified School District. May 2019.

Smith, Brian F. 1991. Primary Record for P-37-012463. On file at the South Coast Information Center, San Diego State University

Energy

Issues (and Supporting Information Sources):	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
6. ENERGY — Would the project:				
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	☐	☐	☒	☐
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	☐	☐	☒	☐

Discussion

a) **Less-Than-Significant Impact.** This section analyzes impacts on energy resources due to construction and operation of the Project. The analysis below includes the Project's energy requirements and energy use efficiencies by energy type for each stage of the Project construction and operations.

Construction

The Proposed Project would consume energy during construction activities primarily from on- and off-road vehicle fuel consumption of diesel and gasoline, and electricity from existing grid (not generators) for water conveyance for dust control. The estimated fuel consumption for off-road construction equipment is based on the number and type of equipment that would be used during construction activities, the total duration of construction activities, the hourly equipment fuel consumption factors from the CARB OFFROAD model, which was used in the Project's air quality analysis, and the hourly consumption estimates. On-road vehicles would include vendor trucks to deliver supplies necessary for Project construction, and fuel consumption for employee commute trips. Electricity consumption from water conveyance for dust control was calculated using assumptions for gallons used per acre per day, and CalEEMod water conveyance intensity factors were applied to calculate total construction electricity consumption. Construction activities typically do not involve the consumption of natural gas, therefore, it's not assumed for this analysis. **Table 5** summarizes the Project's total fuel and electricity consumption from construction activities.

As shown in Table 5, the energy consumption summary provided represents the amount of energy that could potentially be consumed during Project construction based on a conservative set of assumptions, provided in Appendix C. As shown in Table 5, on- and off-road vehicles would consume an annual estimated average of 4,182 gallons of gasoline, approximately 35,266 gallons of diesel fuel, and approximately 14,021 kWh of electricity throughout the Project's construction. For comparative purposes, the fuel consumption during Project construction would represent approximately 0.0004 percent of the 2017 annual on-road gasoline-related energy consumption and 0.04 percent of the 2017 annual diesel fuel-related energy consumption in San Diego County. Electricity

would represent approximately 0.0001 percent of San Diego Gas and Electric's (SDG&E) total electricity sales for 2018. Detailed calculations are shown in Appendix C.

TABLE 5
SUMMARY OF ENERGY CONSUMPTION DURING PROJECT CONSTRUCTION

Fuel Type	Annual Average Quantity/Project Total
Gasoline	**Gallons**
On-Road Construction Equipment	4,182
Off-Road Construction Equipment	0
Total Gasoline	4,182
Diesel	**Gallons**
On-Road Construction Equipment	5,380
Off-Road Construction Equipment	29,886
Total Diesel	35,266
Electricity	**kWh**
Water Conveyance for Dust Control	14,021
Project Length	1 year

SOURCE: ESA, 2019

Project construction contractors would be required to comply with applicable CARB regulations governing the accelerated retrofitting, repowering, or replacement of heavy-duty diesel on- and off-road equipment. CARB adopted an Airborne Toxic Control Measure to limit heavy-duty diesel motor vehicle idling time in order to reduce public exposure to diesel particulate matter and other toxic air contaminants. CARB approved the Truck and Bus regulation to reduce NO_X, PM10, and PM2.5 emissions from existing diesel vehicles operating in California. In addition to limiting exhaust from idling trucks, CARB recently promulgated emission standards for off-road diesel construction equipment of greater than 25 horsepower to reduce emissions by requiring the installation of diesel soot filters and encouraging the retirement, replacement, or repower of older, dirtier engines with newer emission-controlled models.

While intended to reduce construction criteria pollutant emissions, compliance with the above anti-idling and emissions regulations would also result in a more efficient use of construction-related energy and the minimization or elimination of wasteful and unnecessary consumption of energy. The regulation was estimated by CARB to reduce non-essential idling and associated emissions of diesel particulate matter and NO_X emissions by 64 and 78 percent respectively in analysis year 2009. These reductions in emissions are directly attributable to overall reduced idling times and fuel combustion as a result of compliance with the regulation.

Project construction compliance with these CARB regulations would result in energy savings of approximately 108 gallons of diesel fuel saved per year, assuming a fuel reduction equivalent to the percent reduction of diesel particulate matter or NO_X as estimated by CARB for 2009 (the lesser value, i.e., 64 percent, is used as a conservative assumption). Heavy-duty engines continue to become more efficient and reduction amounts may lessen in the future due to this. Although the energy savings cannot be precisely quantified, the Project would still reduce consumption of diesel fuel under the anti-idling measure.

Project construction use of electricity would be temporary, sporadic, and cease upon completion of Project construction. Electricity for water conveyance would only be used when necessary to reduce fugitive dust, which would decrease after completion of the earth-moving phases and paving, when the Project Site would be paved and less dust to control. Thus, construction of the Project would use energy necessary to build the Project, but would not result in the wasteful, inefficient, and unnecessary use of energy, and impacts would be less than significant.

Operations

Project operations would consume energy from electricity for lighting and water conveyance, natural gas for heating/cooling, and fossil fuels (diesel and gasoline) for employee, student, and visitor trips. During operation of the Project, energy would be consumed for multiple purposes, including, but not limited to, heating/ventilating/air conditioning (HVAC); refrigeration; lighting; and the use of electronics, equipment, and appliances for the new and modernized buildings.

The energy produced by the existing campus uses was estimated and subtracted from the energy use estimated for the campus expansion to estimate the net energy use under the Project. Electricity and natural gas usage were estimated using CalEEMod emission factors, while fuel consumption was estimated using EMFAC2017 emission factors and total VMT from the CalEEMod emissions modeling for the Project. **Table 6** summarizes the Project's operational energy usage by sources in comparison to SDG&E and San Diego County's transportation fuel use.

Project operation would result in a slight net decrease demand for electricity. As shown in Table 6, Project operation would result in a projected net total consumption of electricity of approximately -0.03 GWh per year, which represents -0.00002 percent of SDG&E's total sales in 2018.

TABLE 6
PROJECT ESTIMATED OPERATIONAL ENERGY USAGE AND REGIONAL ENERGY SUPPLY

Source	Natural Gas Per Year (million kBtu)[a]	Electricity Per Year (GWh)[b]	Gasoline (gallons)	Diesel (gallons)
Regional				
SDG&E (2018)	81,707	15,635	—	—
San Diego County Fuel Use (2017)[c]	—	—	1,377,000,000	210,200,000
Existing [d]				
Building Energy	0.242	0.230	—	—
Water Heating and Conveyance	—	0.001	—	—
Total	**0.242**	**0.231**	—	—
Proposed Project [d]				
Building Electricity	0.222	0.225	—	—
Water Heating and Conveyance	—	0.003	—	—
			—	—
Total	**0.222**	**0.228**	—	—
Net Total (Project – Existing)	**-0.020**	**-0.03**	—	—
Percent of SDG&E/San Diego Count	-0.00002%	-0.0002%	0.000%	0.000%

NOTES:
[a] San Diego Gas and Electric, 2018 Energy Data, 2018. Available at: https://energydata.sdge.com/ Accessed February 2019
[b] San Diego Gas and Electric, 2018 Energy Data, 2018. Available at: https://energydata.sdge.com/ Accessed February 2019
[c] California Energy Commission (CEC), California Annual Retail Fuel Outlet Report, 2017.
[d] Project electricity and natural gas was calculated using CalEEMod outputs

SOURCE: ESA, 2019.

Project operation would result in a slight decrease in the demand for natural gas resources. As shown in Table 6, Project operation is projected to generate an annual net total demand for natural gas of approximately -0.02 million kBtu and represent -0.00002 percent of SDG&E's total sales in 2018. As with electricity, Project operation would comply with the applicable provisions of Title 24 and the CALGreen Code in effect at the time of building permit issuance to minimize natural gas demand. As such, Project operation would minimize energy demand. Therefore, with the incorporation of these features, operation of the Project would not result in the wasteful, inefficient, and unnecessary consumption of natural gas and impacts would be less than significant.

As the Project does not change the current number of students, student capacity or staff, the Project would not change the existing demand for fuel resources. Therefore, the Project's fuel consumption would not result in the wasteful, inefficient, and unnecessary consumption of fuel and impacts would be less than significant.

b) **Less-Than-Significant Impact.** Project construction equipment would comply with federal, state, and regional requirements, where applicable. With respect to truck fleet operators, United States Environmental Protection Agency (EPA) and National Highway Traffic Safety Administration (NHTSA) have adopted fuel efficiency standards for medium- and heavy-duty trucks. The Phase 1 heavy-duty truck standards apply to combination tractors, heavy-duty pickup trucks and vans, and vocational vehicles for model years 2014 through 2018 and result in a reduction in fuel consumption from 6 to 23 percent over the 2010 baseline, depending on the vehicle type. U.S. EPA and NHTSA also adopted the Phase 2 heavy-duty truck standards, which cover model years 2021 through 2027 and require the phase-in of a 5 to 25 percent reduction in fuel consumption over the 2017 baseline depending on the compliance year and vehicle type. The energy modeling for trucks does not take into account specific fuel reductions from these regulations, since they would apply to fleets as they incorporate newer trucks meeting the regulatory standards; however, these regulations would have an overall beneficial effect on reducing fuel consumption from trucks over time as older trucks are replaced with newer models that meet the standards.

In addition, construction equipment and trucks are required to comply with CARB regulations regarding heavy-duty truck idling limits of five minutes at a location and the phase-in of off-road emission standards that result in an increase in energy savings in the form of reduced fuel consumption from more fuel-efficient engines. Although these regulations are intended to reduce criteria pollutant emissions, compliance with the anti-idling and emissions regulations would also result in the efficient use of construction-related energy.

Electricity and natural gas usage during Project operations, as reported in Table 5 and Table 6, would be minimized through incorporation of applicable 2016 Title 24 standards and applicable 2016 CALGreen requirements.

As discussed in detail in Issue 8, Greenhouse Gas Emissions*,* the most applicable plan, policy, or regulation adopted for the purpose of reducing greenhouse gas (GHG) emissions are Assembly Bill (AB) 32 and Senate Bill (SB) 32, which codified the state's long-term GHG emissions reduction targets. Consistent with recent juridical and legislative action, this analysis also considers the long-range (2050) reduction target outlined in Executive Order (EO) S-3-05. Additionally, the analysis considers consistency with the District's "Dream Big" Ideas, which were developed to support GHG reductions consistent with regional and statewide targets. GHG reduction plans consider strategies that result in energy savings such as increasing renewable electricity use, reducing water use, and improving overall energy efficiency of buildings and mobile sources. Therefore, since Project operation is consistent with AB32, SB32, Title 24, and CALGreen standards, it does not obstruct any applicable renewable energy or energy efficiency plan, and impacts are less than significant.

References

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U.S. EPA. 2011. Fact Sheet: EPA and NHTSA Adopt First-Ever Program to Reduce Greenhouse Gas Emissions and Improve Fuel Efficiency of Medium- and Heavy-Duty Vehicles, August.

U.S. EPA. 2016. Federal Register/Vol. 81, No. 206/Tuesday, Greenhouse Gas Emissions and Fuel Efficiency Standards for Medium- and Heavy-Duty Engines and Vehicles—Phase 2, October 25.

Geology, Soils, and Seismicity

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
7. GEOLOGY and Soils — Would the project:				
a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? (Refer to Division of Mines and Geology Special Publication 42.)	☐	☐	☒	☐
ii) Strong seismic ground shaking?	☐	☐	☒	☐
iii) Seismic-related ground failure, including liquefaction?	☐	☐	☒	☐
iv) Landslides?	☐	☐	☒	☐
b) Result in substantial soil erosion or the loss of topsoil?	☐	☐	☒	☐
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse?	☐	☐	☒	☐
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?	☐	☐	☒	☐
e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	☐	☐	☐	☒
f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	☐	☒	☐

Discussion

a) **Less-than-Significant Impact.**

i) Similar to all of southern California, the Project Site is in a known seismically active region where the potential of seismic hazards exists. The site is not located on an Alquist-Priolo Earthquake Fault Zone (City of San Diego 2008). The nearest Alquist-Priolo fault is the Newport-Inglewood Rose Canyon Fault, located approximately 5 miles west of the Project Site (City of San Diego 2018. Therefore, there is not a risk of fault rupture of a known Alquist-Priolo fault on the Project Site, and effects would be less than significant.

ii) All of San Diego County, including the Project Site, is located within Seismic Zone 4 (Section 1629.4.1 of the California Building Code [CBC]), which is the highest seismic zone, and is subject to ground shaking. A seismic event on the Rose Canyon fault could cause significant ground shaking on the Project Site. Construction of the new school facilities would be required to comply with all seismic-safety development requirements, including the Title 24 standards of the California Building Code under the direction and approval authority of the Division of the State Architect. Conformance with all applicable seismic-safety development requirements would minimize seismic ground shaking effects in the event of a major earthquake and ensure that the potential seismic or geologic hazard impacts are not significant. Conformance with all applicable seismic-safety development requirements would ensure that seismic ground shaking effects would be less than significant.

iii) Liquefaction occurs when cohesion-less soils become liquefied when agitated by strong vibratory motion due to earthquakes. Research and historical data indicate that loose granular soils and non-plastic silts that are saturated by a relatively shallow groundwater table are susceptible to liquefaction. The Proposed Project consists of demolition and modernization improvements to existing facilities and reconstruction of a new school building. According to the City of San Diego's Seismic Safety Study, the Project Site is not identified as an area susceptible to liquefaction (City of San Diego 2008). As a result, the Proposed Project would not expose people or structures to potentially substantial adverse effects related to liquefaction, and impacts would be less than significant.

iv) According to the Department of Conservation Relative Landslide Susceptibility and Landslide Distribution Map, the site is mapped as "marginally susceptible" to landslides (California Department of Conservation 1995). However, the Project Site and surrounding topography are relatively flat. Additionally, according to the City of San Diego's Seismic Safety Study Geological Hazards map, the Project Site is classified as "other level areas", which are defined as gently sloping to steep terrain, favorable geologic structure, and low risk for geological hazards. Therefore, the potential for landslides would be less than significant.

b) **Less-than-Significant Impact.** The entire Project Site has been disturbed through prior development of the campus. Soils under the Project Site are classified primarily as Pleistocene-age very old paralic deposits (broadly equivalent to the Lindavista Formation) (SDNHM 2019). Implementation of the Proposed Project would not result in substantial soil erosion or the loss of topsoil, as developed areas are less likely to erode and the soils on the Project Site were previously altered from the original construction of the campus. Construction activities would include ground disturbance, however, given the shallow depth of earthwork required and the site's relatively level topography, rapid storm water runoff would be limited, and would not exacerbate erosion potential. Therefore, impacts would be less than significant related to soil erosion.

c) **Less-than-Significant Impact.** As previously discussed above, the Project Site has low potential for liquefaction, landslides, and soil erosion, and impacts are considered less than significant. The Project Site is not located on a geologic unit or soil that is unstable or would become unstable as a result of the Project, resulting in an on-site or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse. Therefore, impacts would be less than significant.

d) **Less-than-Significant Impact.** Expansive soils are fine-grained soils (generally high-plasticity clays) that can undergo a significant increase in volume with an increase in water content and a significant decrease in volume with a decrease in water content. Changes in the water content of an expansive soil can result in severe distress to structures constructed upon the soil. Because the proposed renovations would take place on an already developed campus, the Proposed Project would not be located on expansive soils that would create substantial risk to life or property. Construction would be required to comply with applicable regulations, including adhering to the CBC design parameters. Therefore, with compliance to applicable regulations related to expansive soils, impacts would be less than significant.

e) **No Impact.** Implementation of the Project would not result in any impacts regarding inadequate soils to support septic systems. Franklin Elementary School uses the existing sewer system for the disposal of wastewater, and would not use septic tanks or alternative wastewater disposal systems. Therefore, there would be no impact.

f) **Less-than-Significant Impact.** A paleontological database search was conducted by the San Diego National History Museum (SDNHM), located in Appendix D. The SDNHM search indicates the Project Site is underlain by the Lindavista Formation. The Pleistocene-age (1.5 million – 500,000 years) Lindavista Formation underlies the entire Project Site and rests upon the 930,000-year-old Tierra Santa Terrace. The formation is broadly equivalent to very old paralic deposits. The Lindavista Formation has moderate paleontological sensitivity and has produced fossil specimens of marine invertebrates, as well as sharks and baleen whales throughout San Diego County. Specifically, fossil collection localities from the formation have been identified within one mile of the Project Site. These localities produced trace fossil burrows, leaf impressions of vascular plants, a ray tooth plate, a partial antler of an artiodactyl, and a whale cervical vertebra.

Project ground disturbing activities include demolition, site clearing, grading, and excavation; however, ground disturbing activities would be limited to an average of approximately 2 feet in depth, and would not exceed the approximately 8-foot depth of fill underlying the Project Site. Thus, the Proposed Project would not include excavation into native soils. As such, implementation of the Proposed Project would not cause a substantial adverse change in the significance of unique paleontological resources and/or unique geologic features, and impacts would be less than significant.

References

California Department of Conservation. 1995. Landslide Hazards in the Southern Part of San Diego Metropolitan Area, Landslide Hazard Identification Map No. 33, Plate B.

City of San Diego. 2008. City of San Diego Seismic Safety Study, Geological Hazards Map, Grid 22. Available at http://archive.sandiego.gov/development-services/industry/hazards/pdf/geo25.pdf.

City of San Diego. 2018. City of San Diego General Plan, Public Facilities, Services and Safety Element. Available at https://www.sandiego.gov/planning/genplan.

San Diego Natural History Museum. 2019. Paleontological Research Records Search – Benjamin Franklin Elementary School Whole Site Modernization Project. June 14, 2019.

Greenhouse Gas Emissions

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
8. GREENHOUSE GAS EMISSIONS — Would the project:				
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	☐	☐	☒	☐
b) Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	☐	☐	☒	☐

Discussion

a) **Less-Than-Significant Impact.** Project construction activities would generate GHG emissions. Once construction activities are complete, indirect greenhouse gas emissions may be generated by the operation of the new facilities. GHGs generated from Project construction and operation could contribute to a direct, indirect, or cumulative significant impact.

The District has not yet formally adopted specific thresholds of significance with regard to GHG emissions, nor has the District adopted a qualified plan, policy, or regulation to reduce GHG emissions that qualifies for tiering in CEQA documents (per State CEQA Guidelines Section 15183.5(a)). The City of San Diego adopted a Climate Action Plan (CAP) in December 2015 that identifies measures to meet GHG reduction targets for 2020 and 2035. However, the CAP does not include emissions associated with District and school operations; therefore, the City's CAP is not an applicable plan. The District has formed a committee to discuss a range of environmental sustainability activities, projects, and policies for consideration. This committee has generated various climate change-related "Dream Big" Ideas, including developing a CAP and developing enough solar capabilities to go "off-grid" by 2025 (District 2014). No timetable for developing and adopting the CAP and other "Dream Big" ideas has been set.

Other lead agencies throughout the state have adopted or recommend mass emission thresholds for evaluating construction and operational emissions. For example, the County of San Diego currently recommend projects be compared to a 900-metric-ton carbon dioxide equivalent ($MTCO_2e$) screening level to identify which projects require additional analysis and mitigation.

Project emissions below this 900 $MTCO_2e$ level are considered less than cumulatively considerable, and project emissions above this level require additional analysis. Moreover, projects that result in a net benefit by reducing GHG emissions are determined to have a less-than-significant impact related to GHG emissions. Recent Court decisions, including the *Center for Biological Diversity et al., Plaintiffs and Respondents v. California Department of Fish and Wildlife, Defendant and Appellant; The Newhall Land and Farming Company, Real Party in Interest. No. S217763 (Newhall Ranch)*, have

recommended that analyses emphasize the consideration of GHG efficiency, and while the County guidance encourages CEQA analyses to focus on the GHG efficiency of a proposed project, the County also acknowledges that some projects are sufficiently small such that it is highly unlikely they would generate a level of GHGs that would be cumulatively considerable.

This 900 $MTCO_2e$ screening level was developed in the California Air Pollution Control Officers Association (CAPCOA) *CEQA & Climate Change* paper (CAPCOA 2008) as a theoretical basis for screening-out smaller residential and non-residential (commercial, office) uses that emit low-levels of GHG emissions from further analysis. This 900 $MTCO_2e$ screening level is based on land-use related emission sources (e.g., on-road passenger vehicles, electricity and utility consumption) that are similar to school-related emissions and is the lowest numerical threshold recommended for use by any large jurisdiction in the state[3] (AEP 2016). Accordingly, the 900 $MTCO_2e$ threshold is applicable to the Proposed Project and meets the criteria identified in the *Newhall Ranch* decision needed to analyze project-level GHG emissions (e.g., project-specific emission sources).

Project construction activities would generate GHG emissions from the operation of off-road diesel equipment exhaust and emissions from employee, material delivery, and haul truck travel over the 12 months of construction. GHG emissions would be primarily generated during construction as carbon dioxide (CO_2) from the combustion of gasoline and diesel as vehicle tailpipe emissions with more limited emissions of nitrous oxide (N_2O) and methane (CH_4), as well as, other GHG emissions related to vehicle cooling systems.

Construction-related GHG emissions for the Proposed Project were estimated using CalEEMod, version 2016.3.2., for onsite equipment and EMFAC2017 for on-road haul, vendor and worker trips, using the same assumptions used in the air quality emissions analysis above (see Issue 3). Total estimated construction-related GHG emissions are shown in **Table 7**.

TABLE 7
ESTIMATED TOTAL CONSTRUCTION GHG EMISSIONS

Emission Source	Estimated CO_2e Emissions (MT)
Phase 1	50
Phase 2	244
Phase 3	101
Total Construction Emissions	395
Annual Construction (Amortized over 30 years)	13 (MT/yr)

CO_2e= carbon dioxide equivalent; MT =metric tons; MT/yr = metric tons per year.
SOURCE: ESA CalEEMod Modeling, 2019. Appendix E.

[3] Numerical thresholds adopted, proposed, or recommended throughout the state range from 1,100 $MTCO_2e$ to 100,000 $MTCO_2e$.

As shown in Table 7, the total estimated GHG emissions during construction of the Proposed Project would be approximately 395 MT of CO_2e. Consistent with the above mentioned GHG guidance, the sum of project-related GHG emissions of this previous project were amortized over a 30-year period of approximately 13 MT of CO_2e, to be added to annual operational emissions of this Project.

Project operation would generate direct and indirect operational GHG emissions from building facilities. The Project would remove existing buildings and thus the emissions from these sources would be replaced by emissions from the new and modernized buildings. Therefore, in order to determine the total net increase in emissions from the Proposed Project, the emissions from the sources to be removed (i.e. portable classrooms and Buildings 04-05 and 05-06), and existing emissions from the buildings to be modernized are subtracted from the new emissions generated by the new building and the modernized buildings. The net annual GHG emissions for the existing site and Proposed Project (including Project construction amortized over 30 years) are shown in **Table 8**.

TABLE 8
ESTIMATED PROJECT ANNUAL GREENHOUSE GAS EMISSIONS

Emission Source	Estimated CO_2e Emissions (MT/yr)[1]
Existing Operational Emissions[2]	
Area	<1
Energy	61
Water and Wastewater	2
Solid Waste	27
Total Existing Emissions	**89**
New Annual Operational Emissions[3]	
Area	<1
Energy	57
Mobile Sources	0
Water and Wastewater	2
Solid Waste	29
Total Annual Emissions	**898**
Net Annual Emissions[4]	**-1**
Annual Construction Emissions (Amortized)	**13**
Total Annual Emissions	**12**
Threshold	900
Exceeds Threshold?	**No**

1 Totals may not add exactly due to rounding

2 Emissions from sources to be removed (i.e. portable buildings)

3 Emissions from sources to be added (i.e. new building)

4 Net emissions are the new emissions minus the existing emissions to be replaced.

CO_2e= carbon dioxide equivalent; MT = metric tons; MT/yr = metric tons per year.

SOURCE: ESA CalEEMod Modeling, 2019. Appendix E.

As shown in Table 8, the estimated annual project related GHG emissions (amortized construction plus operations) were calculated to be approximately 12 $MTCO_2e$, which would not exceed the 900 $MTCO_2e$ per year threshold described above. Therefore, the Proposed Project would not generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment. This impact is considered less than significant.

b) **Less-than-Significant Impact.** As described in Issue 8 a) above, the City of San Diego has adopted a CAP, which is the City's plan to reduce GHG emissions, but the CAP does not include emissions associated with District and school operations. Therefore, the most applicable plan, policy, or regulation adopted for the purpose of reducing GHG emissions are AB 32 and SB 32, which codified the state's GHG emissions reduction targets for the future. Consistent with recent juridical and legislative action, this analysis also considers the long-range (2050) reduction target outlined in Executive Order (EO) S-3-05.[4] Additionally, the analysis considers consistency with the District's "Dream Big" Ideas (District 2014), which were developed to support GHG reductions consistent with regional and statewide targets.

CARB adopted the AB 32 Scoping Plan as a framework for achieving AB 32. The Scoping Plan outlines a series of technologically feasible and cost-effective measures to reduce statewide GHG emissions. These strategies are geared toward sectors and activities that generate significant amounts of GHGs. For example, the majority of measures address building energy, waste and wastewater generation, goods movement, on-road transportation, water usage, and GHGs with high global warming potential. Implementation of the Proposed Project would not conflict with statewide plans since it would not result in zoning or land use changes. Construction of the Project would be short-term in nature, and emissions would not exceed any proposed threshold throughout the state, including the 900 $MTCO_2e$ level referenced above. The Project replaces portable buildings on site with a new building, and modernizes some of the existing onsite buildings. The new building and building upgrades would reduce energy consumption, making the Project more efficient. As discussed above in Issue 8 (a), GHG operational emissions would be minimal and considerably lower than the 900 $MTCO_2e$ per year threshold identified above.

The State of California Executive Orders S-3-05 and B-30-15 establish goals to reduce GHG emissions to 40 percent below 1990 levels by 2030, and 80 percent below 1990 levels by 2050. SB 32 established the 2030 goal as law, but the 2050 goal has not yet been codified by the California Legislature. However, studies have shown that, to meet the 2030 and 2050 targets, aggressive technologies in the transportation and energy sectors, including electrification and the decarbonization of fuel, will be required. In its Climate Change Scoping Plan, CARB acknowledged that the "measures needed to meet the 2050 goal are too far in the future to define in detail." In the First Update, however, CARB generally described the type of activities required to achieve the 2050 target: "energy demand reduction through efficiency and activity changes; large-scale

4 EO S-3-05 establishes a goal of 80% below 1990 levels by 2050.

electrification of on-road vehicles, buildings, and industrial machinery; decarbonizing electricity and fuel supplies; and rapid market penetration of efficiency and clean energy technologies that requires significant efforts to deploy and scale markets for the cleanest technologies immediately." Due to the technological shifts required and the unknown parameters of the regulatory framework in 2030 and 2050, quantitatively analyzing the Project's impacts further relative to the 2030 and 2050 goals currently is speculative for purposes of CEQA.

Although the Project's operational GHG emission levels in 2030 and 2050 cannot yet be reliably quantified, statewide efforts are underway to facilitate the State's achievement of those goals and it is reasonable to expect the Project's operational GHG emission levels to decline as the CARB regulatory initiatives identified in the 2017 Scoping Plan are implemented, and other technological innovations occur. Stated differently, the Project's emissions total for 2022, the first year of operation, represents the maximum emissions inventory for the Project as California's emissions sources are being regulated (and foreseeably expected to continue to be regulated in the future) in furtherance of the State's environmental policy objectives. Given the reasonably anticipated decline in Project emissions once fully constructed and operational, the Project would be consistent with the Executive Orders' goals.

Because the Project's location, land use characteristics, and design render it consistent with statewide and regional climate change mandates, plans, policies, and recommendations, the Project would be consistent with and would not conflict with any applicable plan, policy, regulation or recommendation to reduce GHG emissions. Therefore, impacts would be less than significant.

References

City of San Diego (City). 2013. *Draft Significance Thresholds for Greenhouse Gas Emissions.* March. Available: http://www.sandiego.gov/planning/genplan/cap/pdf/ghg_significance_thresholds_032213.pdf.

City of San Diego (City). 2015. Climate Action Plan. November. Available at http://www.sandiego.gov/planning/genplan/cap/.

County of San Diego. 2013. *Guidelines for Determining Significance – Climate Change.* November. Available: http://www.sdcounty.ca.gov/dplu/advance/climateactionplan.html.

County of San Diego. 2015. 2015 GHG Guidance: Recommended Approach to Addressing Climate Change in CEQA Documents. January 21.

Hazards and Hazardous Materials

Issues (and Supporting Information Sources):		*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
9.	**HAZARDS AND HAZARDOUS MATERIALS — Would the project:**				
a)	Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☐	☐	☒	☐
b)	Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	☐	☐	☒	☐
c)	Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	☐	☐	☒	☐
d)	Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	☐	☐	☐	☒
e)	For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?	☐	☐	☐	☒
f)	Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☐	☒	☐
g)	Expose people or structures, either directly or indirectly, to a significant risk of loss, injury, or death involving wildland fires?	☐	☐	☒	☐

Discussion

a) **Less-than-Significant Impact.** Project construction would require the use of materials that are typically associated with construction activities, such as diesel fuels, hydraulic liquids, oils, solvents, and paints. According to the site-specific Summary of Asbestos Containing Materials and Lead Containing Paint Investigation prepared for a previous project (Appendix F), asbestos containing materials were found in all buildings on the Project Site, except for the kindergarten classroom (Building 05-06) and library (Building 06-07). Buildings identified as having asbestos containing materials that would be demolished or modernized as part of the Proposed Project include classroom buildings, 01-01, 02-02, 02-03, and 04-05. Lead based materials were also identified in several classrooms (Buildings 01-01, 02-02, and 04-05), and the administration building (Building 02-03), and all of these buildings identified as having lead based materials would be demolished or modernized as part of the Proposed Project. Lead based materials and asbestos containing materials are regulated by the California Department of Occupational Safety and Health (Cal/OSHA). Potentially hazardous materials, including lead and asbestos, found on site would be removed in accordance with state and federal

regulations regarding the transport, use, and storage of hazardous materials, including but not limited to the U.S. Department of Transportation Hazardous Materials Transportation Act, California Hazardous Waste Control Act, and California Hazardous Materials Release Response Plans and Inventory Law of 1985. Therefore, the Proposed Project would not create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials, and a less-than-significant impact is anticipated. The Project, including both the new building and the modernized buildings, would not change the ongoing operations at the school, and therefore no operational impacts are anticipated. The routine transport, use, or disposal of hazardous materials used on the Project Site during operation would continue to be conducted in accordance with state and federal regulations regarding hazardous materials. Therefore, construction and operational impacts for these issues would be less than significant.

b) **Less-than-Significant Impact.** Project construction would use typical construction materials. During construction activities, hazardous materials could accidentally be spilled or otherwise released into the environment. If an accident were to occur, clean up would be conducted in accordance with state and federal regulations regarding hazardous materials, including regulations under the United States Environmental Protection Agency (USEPA), Cal/OSHA, and California Department of Toxic Substances Control (DTSC). The Proposed Project would not change the ongoing operations at the Project Site. Therefore, construction and operational impacts for these issues would be less than significant related to foreseeable upset and accidental conditions.

c) **Less-than-Significant Impact.** The Project Site itself contains a kindergarten through fifth grade school and any hazardous materials used during Project construction would be transported, used, and stored in accordance with state and federal regulations regarding hazardous materials. The routine transport, use, or disposal of hazardous materials used on the Project Site (a school) would be conducted in accordance with state and federal regulations regarding hazardous materials. Therefore, the handling of hazardous materials within one-quarter mile of a school site would be less than significant.

d) **No Impact.** Government Code Section 65962.5 requires the California EPA (Cal EPA) to develop an annually update the Hazardous Waste and Substances Sites (Cortese) List. A review of the DTSC EnviroStor and State Water Resource Control Board (SWRCB) GeoTracker databases did not indicate any open cleanup sites or hazardous waste facilities within the Project Site (DTSC 2019, SWRCB 2019a). The Project Site is not identified on databases tracking hazardous materials. The nearest reported case is a leaking underground storage tank (LUST) cleanup site located approximately 0.11 miles southeast of the Project Site, at 4300 El Cajon Boulevard. The LUST site is listed as case completed as of April 26, 1990 (SWRCB 2019c). Other reported LUST sites within one-quarter mile of the Project Site include 4562 W Talmadge Drive, which approximately 0.22 miles northeast of the Project Site. The LUST site is listed as case completed as of July 23, 1996 (SWRCB 2019d). Therefore, as the Project Site is not listed as an open cleanup site or hazardous waste facility, no impact would occur.

e) **No Impact.** The Project Site is not within 2 miles of a public or private airport facility. Both the San Diego International Airport and the Montgomery-Gibbs Executive Airport are approximately 4 and 4.5 miles west and north of the Project Site, respectively. Other airport facilities include Marine Corps Air Station Miramar, approximately 7 miles northwest of the Project Site. The Project Site is not within the boundaries of the Airport Influence Area for Marine Corps Air Station Miramar, Montgomery-Gibbs, or San Diego International Airport (ALUC 2008, ALUC 2010, and ALUC 2013). There are no private airstrips within the vicinity of the Project Site. As such, the Proposed Project would not conflict with an Airport Land Use Compatibility Plan (ALUCP) or any other applicable rules and regulations that pertain to airports and airport safety or excessive noise, and no impacts would result upon implementation of the Proposed Project.

f) **Less-than-Significant Impact.** Emergency management services are overseen by the San Diego Fire-Rescue Department, which responds to emergencies such as earthquakes, floods, and terrorist acts. In addition, the District maintains a Natural Hazards Mitigation Plan that addresses issues related to multiple hazards, including earthquakes, floods, wildfires, landslides, and tsunamis. Current access to the Project Site for emergency vehicles is provided from the joint-use field along Meade Avenue and south of the most southern classroom building along Copeland Avenue, both accessible through a locked emergency access gate. Construction activities would occur within the Project Site but would not restrict access for emergency vehicles traveling to the school due to the phasing of construction. After construction of the Project, emergency access would not change from existing conditions. As a result, implementation of the Proposed Project would not impair or physically interfere with an emergency response, and the impacts are considered to be less than significant.

g) **Less-than-Significant Impact.** The Project Site is within a developed urban area that has not been identified as a wildland fire hazard area. According to the California Department of Forestry and Fire Protection's (CAL FIRE) Very High Fire Hazard Severity Zones (VHFHSZ) in Local Responsibility Area Map, the Project Site is not located within a fire hazard severity zone (CAL FIRE 2009). While open space areas are located in proximity of the Project Site (undeveloped canyons along both sides of Fairmont Avenue), all Project activities would occur within the already developed school property. Therefore, the Proposed Project would not expose people or structures directly or indirectly to a significant risk of loss, injury, or death from wildfires, and impacts would be less than significant.

References

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Department of Toxic Substances Control (DTSC). 2018. EnviroStor Hazardous Waste and Substances Site List.

State Water Resources Control Board (SWRCB). 2019a. Geotracker: 4481 Copeland Ave. Available at https://geotracker.waterboards.ca.gov/

State Water Resources Control Board (SWRCB). 2019c. Geotracker: Pearson Ford Co (T0607300164). Available at https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607300164.

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Hydrology and Water Quality

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
10. HYDROLOGY AND WATER QUALITY — Would the project:				
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	☐	☐	☒	☐
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	☐	☐	☒	☐
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of imperious surfaces, in a manner which would:				
i) result in substantial erosion or siltation on- or off-site;	☐	☐	☒	☐
ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;	☐	☐	☒	☐
iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	☐	☐	☒	☐
iv) impede or redirect flood flows?	☐	☐	☐	☒
d) In flood hazard, tsunami, or seiche zones, risk or release of pollutants due to project inundation?	☐	☐	☒	☐
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	☐	☐	☒	☐

Discussion

a, e) **Less-than-Significant Impact.** The Proposed Project includes demolition, construction, and modernization to select facilities and infrastructure at an existing kindergarten through fifth grade school campus in an urbanized area. During construction, exposed soil could temporarily increase the amount of sediment in runoff, which would enter the existing storm drain system. The Proposed Project would be required to obtain and comply with the Construction General Permit from the SWRCB. Stormwater best management practices (BMPs) would be required to limit erosion, minimize sedimentation, and control stormwater runoff water quality during construction activities. It is assumed that the limits of disturbance for the Proposed Project would require a Stormwater Pollution Prevention Plan (SWPPP). Compliance under the Construction General Permit and SWPPP would ensure that construction activities would not degrade the surface water quality of receiving waters to levels that would be below the standards that are considered acceptable by the San Diego Regional Water Quality Control Board (RWQCB) or other regulatory agencies. The Project Site would continue to drain into the

existing municipal storm drain system within the Project Site. The amount of stormwater runoff, and surface or ground water quality from the Project Site would not change substantially after implementation of the Proposed Project. Additionally, there would be no new additional source of polluted runoff.

It is not anticipated the Project construction would reach excavation depths greater than 2 feet, and no impacts to groundwater quality are anticipated. Similar to existing conditions, the Project does not propose to use groundwater. As a result, impacts related to surface water or groundwater quality would be less than significant, and the Proposed Project would not conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan.

b) **Less-than-Significant Impact.** The Project Site is within an established urban community that is serviced by the City of San Diego Water Utilities Department. The Project does not propose to use groundwater. Additionally, all Project improvements would occur within the existing school campus footprint, and the change in paved areas would be negligible. Therefore, the Proposed Project would not interfere with groundwater recharge such that the Proposed Project may impede sustainable groundwater management of a basin. Therefore, a less than significant impact would occur related to a decrease in groundwater supplies or groundwater recharge.

c) i) **Less-than-Significant Impact.** Construction of the Proposed Project would include ground disturbing activities in order to construct and modernize school facilities. These activities could temporarily alter the ground surface, consequently altering drainage patterns. Altered drainage patterns have the potential to result in erosion or sedimentation on or offsite by redirecting or concentrating flows on-site. However, as described above in Issue 10 (a), the Proposed Project would be required to comply with the Construction General Permit and a SWPPP. BMPs would be implemented to minimize sedimentation at the Project Site. After the completion of construction, the ground surface would have similar amounts of pervious and impervious surfaces. Drainage within the Project Site would continue to be serviced by the existing storm drain system. Additionally, no stream or river courses exist within the site vicinity that could be affected by the Proposed Project. Therefore, impacts on the existing drainage pattern regarding siltation or erosion on- or off-site would be less than significant.

ii) **Less-than-Significant Impact.** As previously discussed above, construction of the Proposed Project could temporarily alter the ground surface, consequently altering the drainage pattern. Altered drainage patterns have the potential to result in increased runoff, which could result in flooding on or offsite. However, as described above in Issue 10 (a), the Proposed Project would be required to comply with the Construction General Permit and a SWPPP. BMPs would be implemented to minimize runoff at the Project Site, which in turn would minimize flooding. After the completion of construction, the ground surface across the Project Site would be similar to existing conditions. Drainage within the Project Site would continue to be

serviced by the existing storm drain system. Therefore, impacts on the existing drainage pattern regarding runoff in a manner that would result in flooding on- or off-site would be less than significant.

iii) **Less-than-Significant Impact.** See discussion under Issue 10 (c)(i) and (ii), above. Construction of the Proposed Project would not result in significant impacts on the existing drainage pattern due to implementation of BMPs that would minimize flooding and runoff. After the completion of construction, drainage patterns would be similar to existing conditions. Drainage for the Project Site would continue to be serviced by the existing storm drain system. Therefore, impacts related to runoff exceeding the drainage system capacity would be less than significant.

iv) **No Impact.** The Project Site is not within a 100-year flood hazard area, as mapped on Federal Emergency Management Agency's (FEMA) Flood Insurance Rate Map (FEMA 2019). Therefore, the Proposed Project would not impede or redirect flows, and there would be no impact.

d) **Less-than-Significant Impact.** The Project Site is located approximately 6.3 miles east of Mission Bay and 8.7 miles from the Pacific Ocean. According to the California Emergency Management Agency's Tsunami Inundation Map, the Project Site is not in an affected USGS Quadrangle (California Emergency Management Agency 2019). In addition, the Project Site is not located near a body of water, and therefore not at risk by seiche. As previously discussed, the Project Site is not within a 100-year flood hazard area, as mapped on FEMA's Flood Insurance Rate Map (FEMA 2019). As a result, there would be a less-than-significant impact regarding risks from seiche, tsunami, or flood hazards that would risk or release pollutants due to inundation.

References

California Emergency Management Agency. 2019. Tsunami Inundation Map for Emergency Planning. Available at https://www.conservation.ca.gov/cgs/tsunami/maps/san-diego.

Federal Emergency Management Agency (FEMA). 2019. Flood Insurance Rate Map. Available at https://msc.fema.gov/portal/search?AddressQuery=47108%20&%2047%20N%20CHERRY%20ST%20Hammond,%20LA#searchresultsanchor. Accessed July 2019.

Land Use and Land Use Planning

Issues (and Supporting Information Sources):		*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
11.	**LAND USE AND LAND USE PLANNING — Would the project:**				
a)	Physically divide an established community?	☐	☐	☐	☒
b)	Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☐	☐	☒

Discussion

a) **No Impact.** The Proposed Project would occur within the existing boundaries of the school campus. Therefore, implementation of the Proposed Project would not physically divide an established community, and no impact would occur.

b) **No Impact.** The Proposed Project is consistent with the City's General Plan land use designation (Institutional & Public and Semi-Public Facilities). By state law, school facilities can be exempted from local zoning ordinances consistent with California Government Code Section 53094. The District adopted a resolution on July 10, 2018, exempting the Project Site from local zoning ordinances consistent with the Project being carried out as described in this Initial Study. Therefore, zoning information is provided only for reference because it is not binding on the project and no impacts would occur. The Proposed Project would not result in any changes to the existing land use at the site. Additionally, no components of the Proposed Project would have the potential to conflict with adjacent land uses. No impacts would occur.

Mineral Resources

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
12. MINERAL RESOURCES — Would the project:				
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	☐	☐	☐	☒
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?	☐	☐	☐	☒

Discussion

a, b) **No Impact.** The Project Site is in Mineral Resource Zone (MRZ) 3, as identified in the Conservation Element of the City of San Diego's General Plan (City of San Diego 2008). MRZ-3 areas contain known mineral deposits that may qualify as mineral resources. However, the Proposed Project involves improvements of an existing school site; no mineral extraction or other mining operations occur within the Project Site. In addition, the District does not intend to remove the school; therefore, the Project Site would not be available for mineral extraction activities in the future. The Proposed Project would not result in the loss of availability of known mineral resource that would be of value to the region and the residents of the state, or result in the loss of a mineral resource recovery site. Therefore, there would be no impact on mineral resources.

References

City of San Diego, 2008. City of San Diego General Plan, Conservation Element. Available at https://www.sandiego.gov/sites/default/files/legacy//planning/genplan/pdf/2012/ce120100.pdf. Accessed July 2019.

Noise

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
13. NOISE — Would the project result in:				
a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	☐	☒	☐	☐
b) Generation of excessive groundborne vibration or groundborne noise levels?	☐	☒	☐	☐
c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	☒

Discussion

a) **Less-Than-Significant Impact with Mitigation Incorporated.** The Proposed Project would involve phased construction activities onsite over a 12-month period. Project construction would generate noise from the daytime operation of construction equipment on the Project Site and from haul truck trips on local roadways accessing and departing the Project Site. The Project Site is located within a single-family residential neighborhood, with residences across the streets that surround the Project Site, including Van Dyke Avenue to the north, Meade Avenue to the east, Copeland Avenue to the south, and Monroe Avenue to the west. In addition, operation of school facilities (currently and with the Project) places children (students) studying in classrooms within the Project Site, when school is in session. The residences and the school are considered sensitive noise receptors for the purposes of this noise analysis.

Existing Conditions

To characterize the existing ambient noise levels at the nearest residences surrounding the Project Site, recent noise measurements previously conducted for a similar recent District Initial Study/MND, Muir at Anderson School Whole Site Modernization Project Final Mitigated Negative Declaration, were utilized for the Proposed Project (District 2019). Both Muir at Anderson School and the Project Site are located within a single-family residential neighborhood, with the residences located immediately across the residential collector streets that surround the Project Site. Therefore, the previously measured daytime ambient noise levels would be similar for the Project with similar suburban environments (an elementary school located adjacent to residences in established urban/suburban San Diego neighborhoods).

The previous noise measurements for a similar school were conducted sequentially, each over a 15-minute duration, on Wednesday, October 24, 2018 from 9:44 a.m. to 12:44 p.m. at the residences nearest to the Muir at Anderson School. The dominant noise source

observed in the vicinity of the Muir at Anderson School was vehicular traffic on the roadways adjacent to the campus; however, these roadways were relatively lightly traveled neighborhood streets with low average daily traffic volumes, and at the time of day of the measurements did not include peak AM and PM traffic volumes from commuter traffic and from school traffic at the start and end of the school day. Therefore, the measurements represent the quiet part of the day, when most residents are at work and students are in class, when school is in session. The previous noise measurements ranged from approximately 49 – 57 dBA L_{eq} at the property line of the residences along the streets surrounding the Muir at Anderson School site, depending upon local traffic and neighborhood and school activity at the time of each measurement, and approximately 57 dBA L_{eq} onsite within the school grounds approximately 60 feet from classrooms and recess areas, when students were in school buildings (i.e., classrooms, lunchroom, etc.) and outside playing at recess areas on-site.

Construction Impacts

Project construction would generate noise from the use of heavy construction equipment on-site for the construction activities of installing temporary portables, site preparation, grading, building construction, paving, landscaping, and finishing that would be occurring during and located at each phase area of the Project Site. Based on the anticipated types and quantities of equipment needed for each construction activity of each construction phase, **Table 9** presents the hourly average construction phase noise levels (dBA L_{eq}) attenuated by closest distance (60 feet) from the construction phase activity to the nearby noise-sensitive receivers (i.e., the off-site residences across the streets surrounding the Project Site and the on-site students in buildings and recess areas).

TABLE 9
PREDICTED CONSTRUCTION NOISE LEVELS AT NEARBY SENSITIVE-RECEIVERS

Construction Phase	Distance from Project Property Line (feet)	Estimated Construction Noise Level (Leq, dBA)
Modernization	60	71
Demolition	60	82
Grading	60	80
Building Construction	60	74
Architectural Coating + Paving	60	78
Maximum Noise Level	**60**	**82**

Source: ESA 2019

As shown in Table 9, the estimated construction noise levels at the property line range from 71 to 82 dBA L_{eq}, depending upon each construction phase and its construction activities.

Project construction would be subject to the allowable construction hours and construction noise level limits of the City of San Diego Municipal Code Noise Ordinance, which states that:

> *Temporary construction noise which exceeds 75 dB(A) Leq at a sensitive receptor would be considered significant. Construction noise levels measured at or beyond the property line of any property zoned residential shall not exceed an average sound level greater than 75-decibels (dB) during the 12-hour period from 7:00 a.m. to 7:00 p.m. In addition, construction activity is prohibited between the hours of 7:00 p.m. of any day and 7:00 a.m. of the following day, or on legal holidays as specified in Section 21.04 of the San Diego Municipal Code, with the exception of Columbus Day and Washington's Birthday, or on Sundays, that would create disturbing, excessive, or offensive noise unless a permit has been applied for and granted beforehand by the Noise Abatement and Control Administration, in conformance with San Diego Municipal Code Section 59.5.0404.*

As shown in Table 9, Project construction noise levels would range from 71 to 82 dBA Leq, which at adjacent residences during some phases (demolition, grading, and paving), would exceed the City's construction average sound level limit of 75 dBA Leq during the 12-hour period from 7:00 a.m. to 7:00 p.m. at or beyond the property line of any property zoned residential. Therefore, impacts would potentially be considered significant. Prior to construction, it is a District best practice to send construction notices to the families of all enrolled students, the Mayor's office, local City councilmembers, local community planning group, and immediate campus neighbors, which may assist in allowing receptors to avoid peak construction noise periods. In addition, the Project would be required to implement the **Mitigation Measure NOI-1** during the demolition, grading, and paving phases, which would require construction equipment techniques, further detailed below.

Implementation of Mitigation Measure NOI-1 would reduce construction noise levels at the source by up to 15 dBA Leq, thereby, reducing the estimated construction noise levels of approximately 71 to 82 dBA Leq at residences to approximately 56 to 67 dBA Leq, which would be below the City's construction average sound level limit of 75 dBA Leq during the 12-hour period from 7:00 a.m. to 7:00 p.m. at or beyond the property line of any property zoned residential. Therefore, noise impacts to residences would be reduced to less than significant after mitigation.

In addition, Project construction would occur as close as approximately 60 feet to on-site school classroom buildings, therefore, the construction noise would have minimal distance for attenuation, as experienced for the off-site residential properties. The sequence of Project construction phases would determine when and where construction activities would occur on-site, and whether school would be in or out of session. The active construction phase area would be isolated at distance from active classrooms. Construction noise levels at a reference distance of 60 feet would result in a maximum average noise level of approximately 82 dBA Leq. Note the City's average construction noise level limit of the 75 dBA Leq Noise Ordinance is applicable only to residences, not schools; however, implementation of Mitigation Measure NOI-1 including the implementation of temporary noise barriers between the noise source and classroom,

would reduce construction noise level impacts to occupied classrooms (where students are actively studying and learning).

Operation Impacts

Project operation would not increase student or employee capacity at the school; thereby, there would be no increase in vehicle trips to the Project Site and no increase in vehicle traffic on area roadways due to the Project. Therefore, the Project off-site traffic noise impact would be less than significant.

In addition, the Proposed Project would replace existing on-site stationary noise sources, including heating, ventilation, and air conditioning (HVAC) units on the new classroom building. HVAC equipment would be a primary (loudest) operational noise source on-site associated with the proposed modernization improvements. Noise levels from HVAC equipment vary significantly depending on unit efficiency, size, and location but generally average from 45 dBA to 70 dBA L_{eq} at 50 feet (USEPA 1971). HVAC noise levels are typically attenuated by design, baffling, enclosures, barriers and distance. Section 59.5.0401 of the City of San Diego Noise Ordinance prohibits the 1-hour average sound level from exceeding the applicable limits at any location in the City of San Diego on or beyond the boundaries of the property on which the noise is produced. However, the Project would comply with the City Noise Ordinance by designing and locating HVAC units to provide sufficient baffling, barriers, and distance such that the noise level from HVAC units and generators would be less than 45 dBA L_{eq} at the property line. Therefore, impacts would be less than significant.

Mitigation Measures:

NOI-1: Construction Noise. The following construction equipment techniques shall be implemented by the construction contractor to reduce construction-related noise at nearby noise-sensitive receivers (on site students and off site residences):

a. Construction contractor(s) shall ensure proper maintenance and working order of construction equipment and vehicles, and all construction equipment shall be equipped with manufacturers-approved mufflers and baffles.

b. Construction contractor(s) shall use quieter equipment as opposed to noisier equipment (such as rubber-tired equipment rather than track equipment), when feasible. Noisy equipment shall be switched off when not in use.

c. Construction activities shall be scheduled to avoid operating several pieces of equipment simultaneously, which causes high noise levels, to the extent feasible.

d. The construction contractor(s) shall place all stationary construction equipment so that emitted noise is directed away from sensitive receivers nearest the construction activity on the Project Site.

e. Temporary noise barriers shall be placed at the construction equipment operation to block the line-of-sight between the equipment and the offsite noise-sensitive receivers (adjacent residential properties) during demolition, grading, and paving phases of project construction to reduce noise levels at the residential property

line below the City's construction noise level limit for residences (noise barriers can achieve a noise reduction of up to 15 dBA at the source).

The noise barriers shall also be placed at the equipment to block the line-of-sight between the equipment and the onsite noise-sensitive receivers (adjacent classroom buildings) during project construction phases to minimize construction noise levels experienced in the classrooms that are active, when school is in session.

The following noise barrier design shall be implemented by the construction contractor in order to reduce construction-related noise at nearby noise-sensitive receivers to a less than significant:

A temporary 50-foot by 50-foot L-shaped noise barrier shall be constructed on-site for each small construction area at a height of 14 feet with noise blankets capable of achieving sound level reductions of at least 10 dBA to block the line-of-sight between construction equipment operations and the noise-sensitive receivers, thereby reducing construction noise at noise-sensitive receivers to less than significant.

Significance Determination: Less than significant with mitigation.

b) **Less-than–Significant Impact with Mitigation Incorporated.** During Project construction, the use of typical heavy construction equipment for demolition of buildings and pavement, grading, building construction and modernization, and paving would generate localized vibration levels, which, could potentially affect structures or annoy people, if located within approximately 50 feet. Non-typical heavy impact machinery that could result in excessive vibration conditions, such as pile drivers, would not be used.

Vibration analyses are typically conducted for potential structural damage to buildings, particularly older structures, and annoyance to humans in inhabited structures. The closest structures to the construction activities on the Project Site would be the existing school buildings to remain and be modernized (i.e., the two classroom buildings and administration/cafeteria located in the northwest corner of the Project Site) located adjacent to the site surface replacement (concrete, asphalt, paving), and approximately 40 feet from buildings to be demolished. The closest off-site structures would be residential structures approximately 63 feet from the Project Site property line across Monroe Avenue.

Construction vibration would have a significant impact if:

- Project construction activities cause groundborne vibration levels to exceed the building damage threshold of 0.2 inches per second (in/sec) peak particle velocity (PPV) at Building Category III Non-engineered timber and masonry buildings (FTA 2018), and
- Project construction activities cause groundborne vibration levels to exceed the human annoyance threshold of 80 VdB root mean squared (RMS) for Land Use Category 2 – Residences, and 83 VdB at Land Use Category 3 – Institutional, primarily day use (FTA 2018).

The vibration levels generated by the general construction equipment during the construction of the Proposed Project are identified in **Table 10,** in terms of PPV and RMS velocity. As shown, depending on the type of construction equipment used, vibration velocities could reach as high as approximately 0.210 in/sec PPV at 25 feet from the source (e.g., vibratory roller), which corresponds to a RMS velocity level of 94 VdB at 25 feet from the source.

TABLE 10
VIBRATION SOURCE LEVELS FOR CONSTRUCTION EQUIPMENT

Equipment	Approximate PPV (in/sec) at 25 feet	Approximate RMS (VdB) at 25 feet
Vibratory Roller	0.210	94
Large Bulldozer	0.089	87
Loaded Trucks	0.076	86
Jackhammer	0.035	79
Small Bulldozer	0.003	58

SOURCE: FTA 2018.

As shown in Table 10, operation of a vibratory roller (used in soil compaction, if needed) would generate vibration levels that would have the potential to structurally impact structures, if operated within approximately 25 feet or less. Other heavy equipment generates vibration levels less than half of that of the vibratory roller at 25 feet.

Structural Damage Analysis

The residences adjacent to the Project Site boundary are conservatively considered as non-engineered timber and masonry building, and are located approximately 63 feet from the Project Site boundary across adjacent surrounding streets. Project construction activities closest to these residences would be residential structures approximately 63 feet from the northeast corner of the Project Site property line across Monroe Avenue. Therefore, operation of equipment generating the highest level of vibration (i.e., a vibratory roller) within 63 feet would not exceed the 0.2 in/sec PPV structural damage threshold. Therefore, the vibration impact to off-site residential structures from Project construction would be less than significant.

The school structures located on-site (classroom and administration buildings) would be located adjacent to near the operation of the Project construction equipment onsite. Operation of a vibratory roller within 25 feet would generate 0.21 in/sec PPV which would exceed the 0.2 in/sec PPV structural damage threshold for Building Category III Non-engineered timber and masonry buildings at 25 feet (FTA 2018). Therefore, the vibration structural damage impact to on-site structures from Project construction would be potentially significant. Therefore, the Proposed Project would be required to implement **Mitigation Measure NOI-2** related to vibration-generating monitoring, as further detailed below.

Human Annoyance Analysis

Construction vibration could annoy people within a nearby building. As shown in Table 10, the vibration generated by the operation of a vibratory roller, a large bulldozer, or a loaded haul truck at 25 feet would exceed the residential human annoyance threshold of 80 VdB, however, at 50 feet, would not exceed the threshold. Therefore, the operation of this equipment on-site along the northeastern corner of the Project Site boundary would not exceed the vibration threshold of human annoyance at the inhabited residences as close as approximately 63 feet, resulting in a less than significant impact.

In addition, construction vibration from the operation of this equipment on-site near inhabited on-site structures could potentially annoy people (students and teachers) within the adjacent classroom and administration buildings. The vibration impact threshold for human annoyance at a daytime institutional use is 83 VdB. As shown in Table 10, the vibration generated by the operation of a vibratory roller, a large bulldozer, or a loaded haul truck at 25 feet would potentially exceed the human annoyance threshold of 83 VdB, potentially resulting in a significant impact. Therefore, the Proposed Project would be required to implement **Mitigation Measure NOI-2** related to vibration-generating monitoring, as further detailed below.

Mitigation Measures:

NOI-2: Construction Vibration. The following construction equipment management techniques shall be implemented by the construction contractor to reduce construction-related vibration at nearby vibration-sensitive receivers (i.e., inhabited structures):

Prior to Project construction, the construction contractor(s) shall review all construction activity for potential vibration-generating activities from demolition, excavation, and construction within 50 feet of existing structures, and shall require a site-specific vibration compliance plan to be prepared to determine the exact area of potential impact and to identify appropriate construction equipment and techniques to reduce vibration levels to below 0.2 in/sec PPV (structural damage threshold for Building Category III Non-engineered timber and masonry buildings at 25 feet) at structures, and 83 VdB (human annoyance threshold at a daytime institutional use) at inhabited buildings. The plan shall, at a minimum, include but not limited to the following:

- Identify the Project's construction soil compaction for paving activities (i.e., from the operation of the vibratory roller), and other vibration-generating activities that have the potential to generate ground-borne vibration within 50 feet of inhabited structures; and identify the structural sensitivity of nearby structures to ground-borne vibration. This task should be conducted by a qualified structural engineer.
- A vibration monitoring and construction contingency plan to identify the structures where monitoring would be conducted; establish a vibration monitoring schedule; define structure-specific vibration limits; and address the need to conduct photo, elevation, and crack surveys to document before and after construction conditions. Construction contingencies shall be identified for actions to be taken when vibration levels approached the defined vibration limits.

- Maintain a monitoring log of the vibration levels observed at the structures when vibration-generating construction activities are within 50 feet of the structures. Monitor vibration levels and identify when approaching thresholds (0.2 in/sec PPV for structural damage and 83 VdB for human annoyance) and notify construction contractor immediately to ensure levels are not exceeded.
- Identify structure-specific vibration level limits for suspension of construction activities (i.e., stop work) and implement contingencies to either lower vibration levels or secure the affected structures.
- Post-construction survey on structures where either monitoring has indicated high vibration levels or complaints of damage have been made. Make appropriate repairs or compensation where damage has occurred as a result of construction activities.

Significance Determination: Less than significant with mitigation.

c) **No Impact.** The Project Site is not located within the vicinity of a private airstrip or an airport land use plan, i.e., the Project site is not located with the Airport Influence Area, Noise Contours Map (San Diego County Airport Land Use Commission 2010). The nearest public airport or public use airport to the Project Site is Montgomery-Gibbs Executive Airport, approximately 4 miles to the north and the San Diego International Airport, approximately 4.5 miles to the southwest. Therefore, the Project would not expose people residing or working in the project area to excessive noise levels

References

California Department of Transportation (Caltrans), *Technical Noise Supplement* (TeNS). September, 2013.

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San Diego County Airport Land Use Commission. 2010. *Montgomery Field Airport Land Use Compatibility Plan,* January 25. https://www.san.org/DesktopModules/Bring2mind/DMX/Download.aspx?Command=Core_Download&EntryId=2978&language=en-US&PortalId=0&TabId=225

Population and Housing

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
14. POPULATION AND HOUSING — Would the project:				
a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	☐	☐	☐	☒
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☒

Discussion

a) **No Impact.** The Project Site is within an existing school property in a built-out, urbanized community. The Proposed Project includes the demolition of two permanent buildings and two portable classrooms, and construction of a proposed two-story building in its place, as well as the modernization of other existing school facilities. The Proposed Project would not increase the current number of students, student capacity, staff capacity, or affect operations at the existing elementary school, and would not induce substantial population growth or result in the extension of public roads or other infrastructure. Therefore, no impacts would occur related to inducing substantial population growth in the area.

b) **No Impact.** The Project Site is within an existing school property in a built-out, urbanized community. No housing exists on the Project Site, and therefore the Proposed Project would not displace a substantial number of existing housing units or people, necessitating the construction of replacement housing elsewhere. Therefore, there would be no impact.

Public Services

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
15. PUBLIC SERVICES — Would the project:				
a) Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered government facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives for any of the following public services:				
i) Fire protection?	☐	☐	☒	☐
ii) Police protection?	☐	☐	☒	☐
iii) Schools?	☐	☐	☒	☐
iv) Parks?	☐	☐	☒	☐
v) Other public facilities?	☐	☐	☒	☐

Discussion

a) **Less-than-Significant Impact.**

i) The Project Site is currently served by the San Diego Fire Department (SDFD). The SDFD responds from 51 stations in the City of San Diego and the closest station to the Project Site is located 0.9 miles southeast at 4206 Chamoune Avenue. As previously mentioned, the Proposed Project would not increase the students, student capacity, staff capacity, or affect operations at the existing elementary school. No additional fire services would be required by the Proposed Project. Therefore, the Proposed Project would not result in substantial adverse physical impacts associated with the need for new or physically altered governmental facilities in order to maintain acceptable service ratios, response times, or other performance objectives for any fire service agencies. As such, the impacts would be less than significant.

ii) The Project Site is currently serviced by the San Diego Police Department. The closest police station to the Project Site is the Mid-City Division, located one mile south at 4310 Landis Avenue. As previously mentioned, the Proposed Project would not increase the students, student capacity, staff capacity, or affect operations at the existing elementary school. No additional police services would be required by the Proposed Project. Therefore, the Proposed Project would not result in substantial adverse physical impacts associated with the need for new or physically altered governmental facilities in order to maintain acceptable service ratios, response times, or other performance objectives for any police service agencies. As such, the impacts would be less than significant.

iii) The Project Site is located on an existing elementary school campus. The Proposed Project would not increase the students, student capacity, staff capacity, or affect operations at the existing elementary school. No additional schools would be required by the Proposed Project. Therefore, the Proposed Project would not result in substantial adverse physical impacts associated with the need for new or physically altered school facilities. As such, the impacts would be less than significant.

iv) As previously mentioned, the Proposed Project would not increase the students, student capacity, staff capacity, or affect operations at the existing elementary school. No additional parks would be required by the Proposed Project. The existing joint-use field would not be modified as part of the Project. Therefore, the Proposed Project would not result in substantial adverse physical impacts associated with the need for new or physically altered park facilities. As such, the impacts would be less than significant.

v) As previously mentioned, the Proposed Project would not increase the students, student capacity, staff capacity, or affect operations at the existing elementary school. No additional public services would be required by the Proposed Project. Therefore, the Proposed Project would not result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities or a need for new or physically altered governmental facilities in order to maintain acceptable service ratios, response times, or other performance objectives for any public service agencies. As such, the impacts would be less than significant.

Recreation

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
16. RECREATION:				
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	☐	☐	☒	☐
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	☐	☐	☒	☐

Discussion

a, b) **Less-than-Significant Impact.** In addition to the existing recreational facilities on the Project Site itself (e.g., joint-use baseball field, playground equipment), the Copley-Price Family YMCA is approximately 0.25 miles southeast, and is the closest recreational facility to the Project Site. The Kensington Park is the closest public recreational facility to the Project Site, approximately 0.5 miles northwest of Franklin Elementary School. The proposed upgrades would not increase the number of students, student capacity, staff capacity, or affect operations at the existing elementary school. As such, the Proposed Project would not increase the use of existing recreational facilities such that substantial physical deterioration of the facilities would occur or be accelerated. The Proposed Project would also not require the construction or expansion of additional recreational facilities that might have an adverse physical effect on the environment. Therefore, impacts would be less than significant.

Transportation

Issues (and Supporting Information Sources):	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
17. TRANSPORTATION — Would the project:				
a) Conflict with a program plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities? ?	☐	☐	☒	☐
b) Would the project conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?	☐	☐	☒	☐
c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	☐	☐	☒	☐
d) Result in inadequate emergency access?	☐	☐	☒	☐

Discussion

a) **Less-than-Significant Impact.** The Project Site is located within the Kensington community in the central portion of the city of San Diego. Regional access to the Project Site is provided by I-15, which is located approximately 0.27 miles to the west; I-8, located approximately 1.4 miles to the north; and I-805, located approximately 1.25 miles to the west (see Figure 1). Local access is provided by El Cajon Boulevard to the south, Adams Avenue to the north, and Fairmount Avenue to the east. The Project Site is bound by Monroe Avenue to the north, Meade Avenue to the south, Copeland Avenue to the west, and Van Dyke Avenue to the east (see Figure 2).

Construction is expected to occur between 7:00 a.m. and 7:00 p.m., Monday through Friday (sometimes Saturday), and would comply with the City of San Diego Municipal Code limits regarding construction activity (Municipal Code Section 59.5.0404). No nighttime construction would occur. The modernization improvements are scheduled to begin in early 2021.

Local Roadways

During the construction period, construction vehicles would use the roadways that surround the Project Site to deliver materials and haul waste. Workers' vehicles and construction vehicles could access the site from the above-mentioned local streets. Roadway users could experience temporary delays from material deliveries, but these delays would be both brief and infrequent. Therefore, they would not affect overall traffic circulation in the project vicinity. Construction staging would occur on-site and would not affect traffic operations on adjacent roadways. Construction activities would not impede non-motorized travel or public transportation in the project vicinity. The Proposed Project could, however, require temporary sidewalk closures while repairs are performed on existing sidewalks and Americans with Disabilities Act (ADA) ramps along the perimeter of the Project Site. However, any delays would be temporary and not considered to be significant. Temporary traffic control during

construction shall meet the requirements of the California Manual on Uniform Traffic Control Devices (Caltrans 2014).

As proposed, project modernization would not conflict with any applicable plans, ordinances, or policies establishing measures for effectiveness of the performance of the circulation system, such as the Mid-City Communities Plan Transportation Element, or the San Diego Metropolitan Transit System (MTS) ordinances. As previously noted, no student or staff capacity changes would occur and therefore no additional trips to and from the Project Site would be generated during operation. In accordance with the City's Traffic Impact Study Manual, a traffic impact study is not warranted (City of San Diego 1998). The Proposed Project would conform to the Mid-City Communities Plan Land Use and Transportation Elements and would not generate more than 1,000 average daily trips. Levels of service are not applied to residential streets because their primary purpose is to serve abutting lots, not carry through traffic. Therefore, the Proposed Project would not substantially degrade traffic operations or roadways in the project vicinity, nor would it impede non-motorized travel or public transportation. As such, impacts would be less than significant.

Congestion Management Program Facilities

State Proposition 111, passed by voters in 1990, established a requirement that urbanized areas prepare and regularly update a Congestion Management Program (CMP). Although the SANDAG provided regular updates for the state CMP from 1991 through 2008, the San Diego region elected to opt out of (be exempt from) the state CMP in October 2009. As such, there is no relevance of the Proposed Project to potential conflicts with an applicable CMP, and no impact would occur.

Transit, Bicycle, and Pedestrian Facilities

The Proposed Project would not directly or indirectly eliminate alternative transportation corridors or facilities (e.g., bus stops). In addition, the Proposed Project would not preclude increased alternative transportation services. Therefore, the Proposed Project would not conflict with adopted policies, plans, or programs supporting alternative transportation. As mentioned above, the Proposed Project would not impede non-motorized travel or public transportation in the project vicinity; it would not decrease the performance or safety of such facilities. As a result, impacts would be less than significant.

b) **Less-than-Significant Impact**. In accordance with Senate Bill (SB) 743, the CEQA Guidelines Section 15064.3, subdivision (b) was adopted in December 2018 by the California Natural Resources Agency. These revisions to the CEQA Guidelines criteria for determining the significance of transportation impacts are primarily focused on projects within transit priority areas, and shifts the focus from driver delay to reduction of greenhouse gas emissions, creation of multimodal networks, and promotion of a mix of land uses. Vehicle miles traveled, or VMT, is a measure of the total number of miles driven to or from a development and is sometimes expressed as an average per trip or per person.

The newly adopted guidance provides that a lead agency may elect to be governed by the provisions of this section immediately. Beginning on July 1, 2020, the provisions of this section shall apply statewide. The City is currently engaged in this process and has not yet formally adopted its updated transportation significance thresholds or its updated transportation impact analysis procedures. Since the regulations of SB 743 have not been finalized or adopted by the City, the qualitative evaluation presented in Issue 17 (a), above, is used in this IS/MND to determine the significance of transportation impacts.

In addition, according to the new CEQA Guidelines, generally projects within one-half mile of either an existing major transit stop or a stop along an existing high quality transit corridor should be presumed to cause a less than significant transportation impact. The MTS has a bus stop for Bus Route 1 at the intersection of El Cajon Boulevard and Copeland Avenue, approximately 1,000 south of the Project Site. In addition, southbound Bus Route 13 stops at the intersection of El Cajon Boulevard and 43rd Street (1,500 feet southeast of the Project Site) and northbound Bus Route 13 stops at the intersection of Fairmount Avenue and Meade Avenue (800 feet east of the Project Site). As the Proposed Project is located within one-half mile of an existing major transit stop, the Proposed Project would have a less-than-significant impact related to CEQA Guidelines Section 15064.3.

c) **Less-than-Significant Impact.** An impact would occur if the Project substantially increases roadway hazards due to a geometric design feature or the introduction of incompatible uses (i.e., farming equipment). The only existing access to the Project Site is provided via two driveways on Copeland Avenue, which lead to/from an approximately 100-foot-long disabled-only passenger loading zone with one disabled-only parking stall. The Proposed Project would not modify these driveways or add any new driveways. Since all of the driveways are existing and were designed in compliance with the City's driveway and roadway requirements, the Proposed Project would not result in a roadway hazard due to a design feature. School bus and passenger loading/unloading would continue to occur along Copeland Avenue, with no changes resulting from the Proposed Project. Furthermore, implementation of the Project would not introduce incompatible uses into the surrounding roadway network. Therefore, impacts would be less than significant related to roadway hazards.

d) **Less-than-Significant Impact.** A significant impact would occur if the design of the Proposed Project would not satisfy local emergency access requirements. The Proposed Project would not include any alterations of existing roadway features (e.g., road realignment) that would create a permanent change to access for emergency vehicles. During construction of the Project, heavy construction-related vehicles could interfere with emergency response to the site (e.g., slowing vehicles traveling behind the truck). However, such delays would be infrequent and brief (drivers are required to pull over to allow an emergency vehicle on-call to pass), and contract specifications for the project would ensure that emergency vehicle access on area roadways would be maintained at all times. As such, inadequate emergency access would not occur as a result of project construction, and impacts would be less than significant.

References

California Department of Transportation (Caltrans), 2014. *California Manual on Uniform Traffic Control Devices*. Updated December 9, 2015.

City of San Diego, 1998. *Traffic Impact Study Manual.* July 1998.

Metropolitan Transit System, 2018. Route 1 and Route 13 Timetables. Effective June 10, 2018.

Tribal Cultural Resources

Issues (and Supporting Information Sources):	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
18. Tribal Cultural Resources — Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:				
a) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or	☐	☒	☐	☐
b) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	☐	☒	☐	☐

Discussion

a, b) **Less-than-Significant Impact with Mitigation Incorporated.** A Sacred Lands File (SLF) search request was submitted to the California Native American Heritage Commission (NAHC) on June 13, 2019. In the response dated June 25, 2019, the NAHC indicated that a search of the SLF for the Project Site returned negative results (NAHC 2019).

Pursuant to AB 52, California Native American tribes that are traditionally and culturally affiliated with the area can request notification of projects in their traditional cultural territory. Jamul Indian Village requested AB 52 consultation with the District on future projects; and consultation was initiated by the District on October 25, 2018. On November 12, 2018, the Jamul Indian Village provided a list of schools to District staff that were determined to be in sensitive areas, which included Franklin Elementary School. No other California Native American tribes are on the District's consultation list for AB 52.

Based on consultation, Jamul Indian Village requested a Kumeyaay Native American monitor for all ground disturbing activities. Therefore, to reduce potentially significant impacts on tribal cultural resources, **Mitigation Measure TRI-1**, which was developed in coordination with the Jamul Indian Village, would be required to minimize potential damage or loss of tribal cultural resources during project specific ground disturbing activities. Mitigation measure TRI-1 would reduce potential impacts to less than significant.

Mitigation Measures:

TRI-1: Monitoring of Ground-Disturbing Activities by Native American Monitors. To reduce potential impacts on Tribal Cultural Resources (TCRs), monitoring shall be conducted by a qualified Kumeyaay Native American monitor during all ground-disturbing activities. The role of the Native American monitor would be to work with the project's Qualified Archaeologist, identify potential Native American TCRs, represent tribal concerns, and communicate concerns and appropriate handling to the District and the Tribal Council. Appropriate representatives would be identified, based on the location of the identified traditional location or place. Specifically, the following measures shall be implemented to reduce impacts:

1) The Qualified Archaeologist shall maintain ongoing collaborative consultation with the Kumeyaay Native American Monitor during all ground disturbing activities. The requirement for the monitoring program shall be noted on all applicable construction documents, including demolition plans, grading plans, etc. The District shall notify the Monitor in writing of the start and end of all ground disturbing activities. Unless waived in writing by the Native American Monitor, the Kumeyaay Native American Monitor shall be present on-site full-time during ground disturbing activities, including but not limited to, grubbing, excavation, grading and/or other ground altering activities, including the placement of imported fill materials or fill used from other areas of the project site, to identify any evidence of potential archaeological or Tribal Cultural resources.

2) Prior to the initiation of ground disturbing activities, the contractor shall organize a pre-construction meeting of all personnel scheduled to work on the grading and construction phases of the project. The Qualified Archaeologist and Kumeyaay Native American Monitor shall review the grading monitoring program with the general Contractor and associated sub-contractors in attendance. The District shall prepare a written summary of the monitoring program and said summary shall be distributed to all personnel working or hired and scheduled to work on the grading and construction phases of the project.

3) The Native American consultant/monitor shall determine the nature and extent of a TCR unearthed during soil-disturbing and grading/excavation/trenching activities, be consulted with on implementation of the monitoring plan prepared by the District, and provide input regarding the handling of TCRs under the plan to the District's Qualified Archaeologist and the District.

4) If prehistoric resources are encountered during the Native American consultant's/monitor's absence, work shall stop until the Native American monitor can observe and comment on the nature of the find. Additional consultation may be required to determine the importance of the recovery and their appropriate handling. If human remains are encountered, see number 11 below.

5) Attendance by Native American monitors during construction and restoration of the proposed project is at the discretion of the Tribe, and the absence of a Native American monitor, should the Tribe choose to forgo monitoring for some reason, will not delay work.

6) If a determination is made that the unearthed artifact deposits are a potential TCR, the Tribe shall be notified and consulted with in regard to the respectful and dignified treatment of those resources. The avoidance and protection of the significant TCRs is the preferable mitigation. If, however, a data recovery plan is authorized by the District as the Lead Agency under CEQA, the Tribe shall be notified and consulted regarding the drafting and finalization of any such recovery plan. For significant TCRs that are to be treated pursuant to a recovery plan, an adequate artifact sample to address research avenues previously identified for sites in the area will be collected using professional archaeological collection methods. If the qualified archaeologist collects such resources, the Native American monitor must be present during any testing of those resources. Moreover, if the qualified archaeologist does not collect the TCRs that are unearthed during the ground disturbing activities, the Native American monitor, may at their discretion, collect said resources and provide them to the Tribe for respectful and dignified treatment in accordance with the Tribe's cultural and spiritual traditions.

7) The Native American monitors shall have the ability to notify the District's Qualified Archaeological monitor, who has the authority to temporarily stop work, if they find a cultural resource that may require further identification, recordation, and evaluation.

8) Interpretation of a find shall be requested from Native American monitors involved with the discovery, evaluation, or data recovery of unanticipated finds for inclusion in a final Cultural Resources report.

9) The Native American monitor, in consultation with the District's Qualified Archaeologist, will have the discretion to increase or decrease the level of monitoring under certain field conditions, such as modern disturbances, including previous excavation/grading/trenching activities that exceeded the depth of or removed potential archaeological deposits; the presence of fossil formations; or encounters with native soils.

10) If any TCRs are detected during project construction, prior to the completion of the project, a monitoring report and/or evaluation report, if appropriate, which describes the results, analysis and conclusions of the monitoring program (e.g., Cultural Resource Data Recovery Plan) shall be submitted by the Qualified Archaeologist, along with the Native American Monitor's notes and comments, to the District for approval. Said report shall be subject to confidentiality as an exception to the Public Records Act and will not be available for public distribution.

11) Human Remains. As specified by California Health and Safety Code Section 7050.5, if human remains are found on the project site during construction or during archaeological work, the person responsible for the excavation, or his or her authorized representative, shall immediately notify the San Diego County Coroner's office by telephone. No further excavation or disturbance of the site or any nearby area reasonably suspected to overlie adjacent remains shall occur until the Coroner has made the necessary findings as to origin and disposition pursuant to Public Resources Code 5097.98. If such a discovery occurs, a temporary construction exclusion zone shall be established surrounding the area of the discovery so that the area would be protected, and consultation and treatment could occur as prescribed by law. By law, the Coroner will determine

within two working days of being notified if the remains are subject to his or her authority. If suspected Native American remains are discovered, the remains shall be kept in-situ or in a secure location in close proximity to where they were found, and the examination of the remains shall only occur on-site by a forensic anthropologist or osteologist while in the presence of a Kumeyaay Native American Monitor. If the remains are identified to be Native American, the Coroner shall contact the Native American Heritage Commission (NAHC) within 24 hours. The NAHC will make a determination as to the Most Likely Descendent (MLD) and Public Resources Code 5097.98 shall be followed.

12) Repatriation and Report of Findings. If Native American Human Remains are found in the construction area, the preferred destination of the remains is repatriation on site and not removal and curation. In such a case, a repatriation area(s) shall be identified in an area deemed appropriate by the Tribe and agreed upon by the District to be used in the event that Native American Human Remains are discovered. Repatriation areas shall either be located on the project site. A repatriation area shall have a Cultural Conservation Easement and/or similar restrictive easement executed and recorded on the property to protect the Tribal Cultural Resource in perpetuity. The District shall be responsible for all costs and/or expenses related and/or associated with the repatriation area.

Significance Determination: Less than significant with mitigation.

References

California Native American Heritage Commission (NAHC), 2019. Native American Tribal Consultation, Pursuant to AB 52 Benjamin Franklin Elementary School Whole Site Modernization. June.

Utilities and Service Systems

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
19. UTILITIES AND SERVICE SYSTEMS — Would the project:				
a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	☐	☐	☒	☐
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?	☐	☐	☒	☐
c) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	☐	☐	☒	☐
d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	☐	☐	☒	☐
e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	☐	☐	☒	☐

Discussion

a) **Less-than-Significant Impact.** Wastewater treatment service is provided to the Project Site by the Metropolitan Sewerage System (Metro System), which is owned and operated by the City of San Diego Public Utilities Department's (PUD) Wastewater Branch (PUD 2016). Three treatment plants treat wastewater generated in the Metro System, including the Point Loma Water Reclamation Plant (PLWRP), South Bay Water Reclamation Plant, and the North City Wastewater Treatment Plant. The PLWRP currently treats the wastewater generated by the Project Site and has a treatment capacity of 240 million gallons per day (mgd) and a peak wet weather capacity of 432 mgd. In 2015, the measured wastewater collected was 136.2 mgd, which leaves an available capacity of approximately 103.8 mgd (PUD 2016). With implementation of the Proposed Project, student capacity would not increase, and therefore would not represent a new source of wastewater generation within the PUD service area. Consequently, the Proposed Project would not exceed the capacity of the existing wastewater treatment provider. As such, the Proposed Project would not require the construction or expansion of water or wastewater facilities. Therefore, impacts would be less than significant.

Water service is provided to the Project Site by the PUD's Water Branch through agreements with the San Diego County Water Authority, which is a member agency of the Metropolitan Water District. According to PUD's 2015 Urban Water Management Plan, normal year water supply for 2020 will be 200,984 acre-feet per year, or

approximately 179 mgd (PUD 2016). Construction of the Proposed Project would require the use of water for activities such as dust suppression and the mixing of concrete; however, any water usage during construction would be minimal and temporary. Operation of the Proposed Project would not increase student capacity, which would result in water usage similar to existing conditions at the site. Therefore, the Proposed Project would not represent a new source of water demand within the PUD service area, and sufficient water supplies are available to serve the Proposed Project. Impacts on water supplies would be less than significant.

Currently, the City of San Diego is completing the Van Dyke Ave (4481) Storm Drain Replacement project as part of its Capital Improvements Program (CIP). The CIP project, which began construction on January 1, 2019, will abandon the existing 24-inch storm drain pipe running underneath Franklin Elementary School and will construct a new 24-inch pipeline in the right of way of Monroe Street (City of San Diego 2019a, City of San Diego 2019b). It is expected that construction of this CIP project would be completed prior to the start of construction of the Proposed Project. As previously mentioned above in Issue 10, during construction of the Proposed Project, exposed soil could temporarily increase the amount of sediment in runoff, which would enter the existing storm drain system. The Proposed Project would be required to obtain and comply with the Construction General Permit from the SWRCB. Stormwater BMPs would be required to limit erosion, minimize sedimentation, and control stormwater runoff water quality during construction activities. Upon completion, the Project Site would continue to drain into the existing municipal storm drain system within the Project Site. The amount of stormwater runoff from the site would not change substantially after implementation of the Proposed Project. Additionally, there would be no additional source of polluted runoff. Similarly, the Proposed Project would utilize existing connections for electric power, natural gas, and telecommunications facilities. As a result, impacts on the construction or expansion of stormwater drainage facilities, electric power, natural gas, or telecommunications facilities would be less than significant.

b) **Less-than-Significant Impact.** Implementation of the Proposed Project would not increase the number of students, student capacity, staff, or affect operations at the existing school. The Proposed Project would include water-efficient upgrades to plumbing fixtures in several buildings, including upgrades to restroom toilets and sinks that have the potential to reduce water consumption. Therefore, demand for water would not be significantly greater than what currently exists at the site. As such, sufficient water supplies are available to serve the Proposed Project, and impacts on water supplies would be less than significant.

c) **Less-than-Significant Impact.** Improvements proposed for the school would not increase the number of students, student capacity, staff, or affect school operations. Therefore, the Proposed Project would not generate greater demand for wastewater treatment compared with existing conditions. As such, the wastewater treatment provider that currently serves the project would have adequate capacity to meet demand, and impacts on wastewater service would be less than significant.

d) **Less-than-Significant Impact.** The waste generated during construction of the Proposed Project would mainly consist of general construction debris (including from demolition of classroom Building 04-05, the kindergarten classroom Building 05-06, the two portable buildings, and removal of the asphalt playground areas) and worker personal waste. The construction contractor would be required to dispose of solid waste in accordance with local solid waste disposal requirements. Similar to existing conditions, construction solid waste would be taken to the closest landfill to the project site, which is the Miramar Landfill, approximately 9.3 miles north of the Project Site. The Miramar Landfill has a permitted throughput of 8,000 tons per day, and has a remaining capacity of 15,527,878 cubic yards (CalRecycle 2019). The landfill's cease operation date is anticipated to be in the year 2025. Therefore, the landfill would have sufficient capacity to accommodate the Proposed Project's disposal needs. After completion of construction, solid waste generation would not be significantly greater than what currently exists at the site, as the Proposed Project would not increase capacity or affect operations. The Project Site would continue to be served by Miramar landfill with sufficient permitted capacity to accommodate the school's solid waste disposal needs. As a result, impacts would be less than significant.

e) **Less-than-Significant Impact.** As previously mentioned, the Proposed Project would be served by a permitted landfill capable of accommodating the school's solid waste. During construction, non-recyclable solid waste would be taken to a permitted landfill. During operation, the Proposed Project would continue to generate municipal solid waste that would be accepted by waste haulers and landfill operators. The school would continue to comply with federal, state, and local regulations related to solid waste. Therefore, impacts would be less than significant.

References

California Department of Resources Recycling and Recovery (CalRecyle). 2019. Facility Site Summary Details: West Miramar Sanitary Landfill. Available at http://www.calrecycle.ca.gov/SWFacilities/Directory/37-AA-0020/Detail/. Accessed July 2019.

City of San Diego, 2019a. Capital Improvement Information Detail, Van Dyke Ave (4481) Storm Drain Replacement. Available at: https://cipapp.sandiego.gov/CIPDetail.aspx?ID=B12034. Accessed July 2019.

City of San Diego, 2019b. CIP Project Map Viewer, Van Dyke Ave (4481) Storm Drain Replacement. Available at https://webmaps.sandiego.gov/cippublic/. Accessed on July 2019.

Wildfire

Issues (and Supporting Information Sources):	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
20. WILDFIRE — If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:				
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?	☐	☐	☒	☐
b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	☐	☐	☒	☐
c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	☐	☐	☒	☐
d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	☐	☐	☒	☐

Discussion

a) **Less-than-Significant Impact**. The Project Site is within a developed urban area that has not been identified as a wildland fire hazard area. According to the CAL FIRE VHFHSZ in Local Responsibility Area Map, the Project Site is not located within a fire hazard severity zone (CAL FIRE 2009). While open space areas, which are considered a wildfire risk, are located in proximity of the Project Site (undeveloped canyons along both sides of Fairmont Avenue), all Project activities would occur within the already developed school property. As previously discussed above in Issue 9 (f), current access to the Project Site for emergency vehicles is provided from Meade Avenue and south of the most southern classroom building along Copeland Avenue, both accessible through a locked emergency access gate. Construction activities would occur within the Project Site but would not restrict access for emergency vehicles traveling to the school due to the phasing of construction. After construction of the Project, emergency access would not change from existing conditions. As a result, implementation of the Proposed Project would not substantially impair an adopted emergency response plan or emergency evacuation plan, and impacts are considered to be less than significant.

b) **Less-than-Significant Impact**. As detailed above in Issue 20 (a), the Project Site is within a developed urban area that has not been identified as a wildland fire hazard area. According to the CAL FIRE VHFHSZ in Local Responsibility Area Map, the Project Site is not located within a fire hazard severity zone (CAL FIRE 2009). While construction include materials that are considered flammable, such as fuels and household cleaners, the handling and storage of such materials would be conducted in accordance to applicable regulations. In addition, the Proposed Project would be designed and

constructed in accordance with the California Fire Code. After completion of construction, the modernization activities would not change the ongoing operations at the school. The Proposed Project would occur on an existing developed school site, and would not exacerbate wildfire risks, and would not expose people to pollutant concentrations for a wildfire or the spread of a wildfire. Therefore, impacts would be less than significant.

c) **Less-than-Significant Impact**. Construction of the Proposed Project would utilize existing infrastructure, including roads, water sources, and power lines surrounding the Project Site. Infrastructure is already established in the area, and would not exacerbate fire risk at the Project Site. Thus, impacts would be less than significant.

d) **Less-than-Significant Impact**. As detailed above in Issue 7, the Project Site contains relatively flat topography with low risk for geologic hazards and would have a less than significant impact related to landslides. In addition, the Project Site is not located within a flood hazard zone. As detailed above in Issue 10, construction of the Proposed Project would not result in significant impacts on the existing drainage pattern due to implementation of BMPs that would minimize flooding and runoff. After the completion of construction, drainage patterns would be restored to existing conditions. Drainage for the site would continue to be serviced by the existing storm drain system. Therefore, the Proposed Project would not expose people or structures to significant risk including downstream flooding or landslides as a result of runoff, post-fire slope stability, or drainage changes, and impacts would be less than significant.

References

California Department of Forestry and Fire Protection (CAL FIRE). 2009. San Diego Very High Fire Hazard Severity Zones in LRA.

Mandatory Findings of Significance

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
21. MANDATORY FINDINGS OF SIGNIFICANCE —				
a) Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	☐	☒	☐	☐
b) Does the project have impacts that are individually limited but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?	☐	☒	☐	☐
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	☐	☒	☐	☐

Discussion

a) **Less-Than-Significant Impact with Mitigation Incorporated.** As discussed in Issue 4, the Project Site is developed as an operating elementary school with a majority of the campus paved or graded with a natural turf joint-use field. Implementation of the Proposed Project would include the removal of three ornamental trees, as detailed in the project description, which could provide suitable nesting habitat for migratory birds and urban-adapted raptors. With implementation of Mitigation Measure BIO-1, potential impacts to nesting birds and raptors would be less than significant. No federally protected wetlands are present at the Project Site, and the Proposed Project would not interfere with the movement of wildlife and/or wildlife corridors. With implementation of Mitigation Measure BIO-1, the Project would not result in impacts on biological resources that would have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, or substantially reduce the number or restrict the range of a rare or endangered plant or animals. In addition, as discussed in Issue 5, given that Proposed Project excavations would occur in non-native fill material it is unlikely that excavations extend into native soils, or that intact archaeological resources would be encountered. However, in the unlikely event that archaeological resources are encountered they may qualify as historical resources pursuant to CEQA. With the incorporation of Mitigation Measures CUL-1 through CUL-3, potential impacts to archaeological resources would be reduced to a less than significant level. Additionally, as stated above, Franklin Elementary School is eligible as an example of an expanding elementary school campus reflective of evolving Modernist

principles as designed by notable San Diego architects Frank W. Stevenson and Samuel Wood Hamill. Therefore, the Project Site qualifies as a historical resource pursuant to CEQA. Mitigation Measures CUL-4 through CUL-6 would reduce impacts related to demolition activities included as part of the Proposed Project to less than significant. Further, implementation of Mitigation Measure TCR-1 would be required to minimize potential damage or loss of tribal cultural resources during project specific ground disturbing activities, and would reduce potential impacts to less than significant. Therefore, impacts would be less than significant with mitigation incorporated.

b) **Less-Than-Significant Impact with Mitigation Incorporated.** A cumulative impact would occur if the Proposed Project would result in an incrementally considerable contribution to a significant cumulative impact in consideration of past, present, and reasonably foreseeable future projects for each resource area. As indicated above, there are a number of environmental issues areas for which the Project would have no impact. These issues include agricultural and forestry resources, land use, mineral resources, and population and housing. For these issue areas, as the Proposed Project would have no impact, the Proposed Project would also not contribute to a cumulatively significant impact. The Proposed Project would result in a less than significant impact in certain environmental issue areas but because of the location and nature of the Proposed Project, the Proposed Project would not contribute to a cumulatively significant impact. However, the Proposed Project could contribute to cumulatively significant impacts when considered together with other past, present, or reasonably foreseeable future projects in the vicinity of the Franklin Elementary School for those areas in which a potentially significant impact has been identified. However, with implementation of Mitigation Measures AIR-1, BIO-1, CUL-1 through CUL-6, NOI-1 and NOI-2, and TCR-1 the Proposed Project would be reduced to less than significant impacts. With implementation of mitigation measures, the Project would not result in an incrementally considerable contribution to a significant cumulative impact. Therefore, with implementation of mitigation measures, a less than significant cumulative impact would occur.

c) **Less-Than-Significant Impact with Mitigation Incorporated**. As discussed above, all identified potential impacts associated with the Proposed Project would be reduced to less than significant with implementation of mitigation measures. No direct or indirect significant and unavoidable impacts would occur with implementation of the Proposed Project. As a result, the Proposed Project would not cause a substantial adverse effect on human beings, either directly, or indirectly, with implementation of mitigation measures.

Appendix A
Air Quality Appendix

ESA

Air Quality Appendix
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    a. New Building Construction
    b. Modernization Construction
    c. Existing Operation
6 EMFAC2017
    a. Construction On-Road Emissions 2020
7 Construction Health Risk
    a. Methodology & Figure
    b. Risk Summary
    c. Unmitigated Residential Risk
    d. Unmitigated School Risk
    e. Mitigated Residential Risk
    f. Mitigated School Risk
    g. AERMOD Output

1. Assumptions

Franklin School Project
Assumptions

CalEEMod Inputs (Non-Default information only)

Project Location		
County	San Diego	
Air District	SCAQMD	
Climate Zone	13	
Construction Year - Phase 1	2022	
Utility Provider	SDG&E	
Source Receptor Area (SCAQMD)	N/A	
EMFAC	2017	No operational mobile sources
		Mobile sources for Construction modeled outside of CalEEMod

	Base (2009)[1,2]	2017[3]	2019[4]	2020[4]	2022[4]	2030[4]
CO intensity	720	475.2	468.55	465.23	458.58	432
% renewable	10%	44.00%	44.92%	45.38%	46.31%	50.00%

% growth per year
0.46%

[1] Table 1.2, CalEEMod 2017 User Guide Appendix D

[2] CEC 2009 SDG&E Power Content Label

[3] CEC 2017 SCE Power Content Label

[4] CEC 2019 - Renewables Portfolio Standard (RPS); https://www.energy.ca.gov/portfolio/

Note that since SDG&E already exceeds the 33% RPS scenario in 2017 it is conservatively assumed there is an even growth in renewable between the 44% in 2017 and the 50% requirement by 2030.

Franklin School Project
Assumptions

Land Use	Building SQFT	Building KFS	students	Acres	
Existing (only includes those uses to be re-developed, or renovated)					
Existing Portable	3,840	3.84		0.43	demolished
Bldg 04-05 & 05-06	6,895	6.90		1.00	demolished
Bldg 02-03, 01-01, 02-02	24,433	24.43		0.63	Modernized
Bldg 06-07	2,379				Not modeled
		35.17			
Proposed Development					
School Building	13,400	13.40		0.31	
Hardscape (Asphalt)	59,597	59.60		1.12	
Added Portables (3,4 and 5)	3,840	3.84			demolished

Note: Total site acreage is 4.

New Hardscape

77,245	sqft - Total Asphalt Area
1,258	sqft LCS building
2,911	Library
13,479	New Classroom
59,597	New Asphalt

Franklin School Project
Assumptions

Construction

Construction Schedule Source: CalEEMod defaults

Task Name	Start	End	Days	
Phase 1	1/1/2021			
Add Portable Classrooms	1/1/2021	1/20/2021	14	
Site Modernization	1/1/2021	1/20/2021	14	
Demolition (Buildings 04-05/05-06)	1/21/2021	2/17/2021	20	
Phase 2				
Grading	2/18/2021	2/24/2021	5	
Site Modernization	1/21/2021	2/24/2021	25	
Building Construction	2/25/2021	12/1/2021	200	
Architectural Coating	11/25/2021	12/8/2021	10	
Paving	11/25/2021	12/8/2021	10	
Demolition (Portable 2)	12/9/2021	12/11/2021	2	
Phase 3				
Site Modernization	2/25/2021	12/8/2021	205	244
SM - Architectural Coating	6/1/2021	10/18/2021	100	251
Demolition (Portables 1, 3, 4)	12/12/2021	12/18/2021	5	

Notes:

1 Assumes Site Modernization will occur across all three phases.

2. Construction Timing

Allowable Hours: Source: Project Description

Mon-Fri 7 am to 7 pm

3. Soil Import/export Assumed all cut and fill is balanced onsite

4. Demolition Information Source:

1 Google Earth
2 Project Specific Small Scale Plot Plan
3 CalEEMod user guide Appendix A pg 13
4 City of San Diego Construction & Demolition Debris Conversion Rate Table, 5/21/08

square foot	
62,319.55	total demolition area[1]
7696.27	Buildings[2]
54,623.28	Area of Hard scape to be demolished

Franklin School Project
Assumptions

	Phase 1	Phase 2	Phase 3
sqft building demolished	6,895	1,920	5,760
tons per square foot[3]	0.046	0.046	0.046
tons of building debris	317	88	265
square feet of asphalt to be demolished[1,2]	54,623	0	0
depth in feet of existing asphalt	0.5	0.5	0.5
cubic yards to be demolished	1,012	0	0
tons per cubic yard[4]	0.7	0.7	0.7
tons of asphalt debris	708.075926	0	0
Total tons of debris	1025	88	265

5. Construction Vehicles Source: CalEEMod Defaults

Phase 1	Worker Trips (per day)	Vendor Trips (per day)	Haul Trips (total)
Add Portable Classrooms	16	0	10
Demolition (Buildings 04-05/05-06)	13	0	205
Site Modernization	20	4	0
Phase 2			
Grading	8	0	0
Site Modernization	20	4	0
Building Construction	26	10	0
Architectural Coating	5	0	0
Paving	13	0	0
Demolition (Portable 2)	8	0	6
Phase 3			
Site Modernization	20	4	0
SM - Arch Coating	4	0	0
Demolition (Portables 1, 3, 4)	8	0	15
Trip Length (miles/trip)	10.8	7.3	20

Franklin School Project
Assumptions

Note: Construction vehicle emissions calculated outside of CalEEMod

6. Construction Equipment by Construction Phase Source: CalEEMod Defaults

New Building

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
P1 - Add Portable Classrooms	Graders	0	8.00	187	0.41
P1 - Add Portable Classrooms	Rubber Tired Dozers	0	7.00	247	0.40
P1 - Add Portable Classrooms	Tractors/Loaders/ Backhoes	0	8.00	97	0.37
P1 - Demolition (Buildings 04-05/05-06)	Concrete/Industrial Saws	1	8.00	81	0.73
P1 - Demolition (Buildings 04-05/05-06)	Rubber Tired Dozers	1	8.00	247	0.40
P1 - Demolition (Buildings 04-05/05-06)	Tractors/Loaders/ Backhoes	3	8.00	97	0.37
P2 - Grading	Graders	1	6.00	187	0.41
P2 - Grading	Rubber Tired Dozers	1	6.00	247	0.40
P2 - Grading	Tractors/Loaders/ Backhoes	1	7.00	97	0.37
P2 - Building Construction	Cranes	1	6.00	231	0.29
P2 - Building Construction	Forklifts	1	6.00	89	0.20
P2 - Building Construction	Generator Sets	1	8.00	84	0.74
P2 - Building Construction	Tractors/Loaders/ Backhoes	1	6.00	97	0.37
P2 - Building Construction	Welders	3	8.00	46	0.45
P2 - Paving	Cement and Mortar Mixers	1	6.00	9	0.56
P2 - Paving	Pavers	1	6.00	130	0.42
P2 - Paving	Paving Equipment	1	8.00	132	0.36
P2 - Paving	Rollers	1	7.00	80	0.38
P2 - Paving	Tractors/Loaders/ Backhoes	1	8.00	97	0.37
P2 - Architectural Coating	Air Compressors	1	6.00	78	0.48
P2 - Demolition (Portable 2)	Concrete/Industrial Saws	1	8.00	81	0.73
P2 - Demolition (Portable 2)	Rubber Tired Dozers	1	8.00	247	0.40
P2 - Demolition (Portable 2)	Tractors/Loaders/ Backhoes	1	8.00	97	0.37
P3 - Demolition (Portables 1, 3, and 4)	Concrete/Industrial Saws	1	8.00	81	0.73
P3 - Demolition (Portables 1, 3, and 4)	Rubber Tired Dozers	1	8.00	247	0.40
P3 - Demolition (Portables 1, 3, and 4)	Tractors/Loaders/ Backhoes	1	8.00	97	0.37

Franklin School Project
Assumptions

Modernization

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Building Construction	Aerial Lifts	1	4	63	0.31
Building Construction	Air Compressors	2	6	78	0.48
Building Construction	Cranes	0	4	231	0.29
Building Construction	Forklifts	0	6	89	0.2
Building Construction	Tractors/Loaders/ Backhoes	0	8	97	0.37
Architectural Coating	Air Compressors	1	6	78	0.48

Franklin School Project
Operational Assumptions

Mobile source emissions

- No New Studetns or Faculty, no new mobile source emissions.

Area source emissions

-Defaults Used

Water and Wastewater

Existing (removed):	1,407	gallons per day
	513,453	gallons per year
New Development:	536	gallons per day
	195,640	gallons per year
Remodel:	977	gallons per day
	356,722	gallons per year

*conservately assumes all water is indoor use

Information in the Utilities Section is based on City of San Diego PUD Sewer Design Guide, schools generate approximately 0.04 gallons per day (gpd) of wastewater per square foot (District 2018).

% septic	% Aerobic	% Lagoon		*No septic onsite
10.33	87.46	2.21	Default	
0	97.54	2.46	Revised	

Solid Waste

Source Utilities Section

Existing (removed):	52.75	Tons per year
New Development:	20.10	Tons per year
Remodel:	36.65	Tons per year

Information in Utilities Seciton is base on City of San Diego's Guidelines for a Waste Management Plan, the average waste generation rate for solid waste generated during ongoing use of a site is approximately 3 pounds per square foot.

Franklin School Project
Operational Assumptions

Stationary Sources

None

Energy Use

Existing:

Electricity: Historic defaults Used.
Natural Gas: Historic defaults Used.

New Building:

Electricity: Defaults Used and adjusted for Title 24 changes.
Natural Gas: Defaults Used and adjusted for Title 24 changes.

Modernization:

Electricity: Historic defaults Used, mitigated to add 5% energy efficiency for modernization efforts.
Natural Gas: Historic defaults Used, mitigated to add 5% energy efficiency for modernization efforts.

CalEEMod currently uses Title 24 efficiency standards. The project will be built post 2019 therefore as a conservative estimate of T24 efficiencies required, the emission factors are updated to account for the inclusion of 2019 Title 24 standards.

% Change between 2016 T24 (CalEEMod Default), 2013 T24 and 2019 Title 24

	T24 Electricity	**Lighting**	**T24 NG**
Non-Residential 2019	30%	0%	30%

Default	**T24 Electricity**	**Lighting**	**T24 NG**
Elementary School	1.52	2.54	5.44

Revised	New Building		
	T24E	**Lighting**	**T24 NG**
	1.064	2.54	3.808

Franklin School Project
Operational Assumptions

CalEEMod Run Titles

Operational		Date
Existing:	Franklin School -Existing Conditions	8/21/2019
Project:	Franklin School - New Classroom Building	8/21/2019
	Franklin School - Site Modernization	8/21/2019

Phase 1
Add Portable Classrooms
Demolition (Buildings 04-05/05-06)
Site Modernization
Phase 2
Grading
Site Modernization
Building Construction
Architectural Coating
Paving
Demolition (Portable 2)
Phase 3
Site Modernization
SM - Arch Coating
Demolition of Portables 1, 3, and 4

2. Unmitigated Construction Emissions

Franklin School Project

Maximum Daily Unmitigated Construction Emissions

CalEEMod 2016.3.2 Title: Construction Emissions Summary

EMFAC 2017 Mobile Construction Emissions Spreadsheet

Unmitigated - Construction

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
		Max Daily (lbs/day)					
Phase 1 - 2020							
Port. Class	Total	<1	1	<1	<1	<1	<1
Site Mod	Total	6	5	7	<1	1	<1
Demolition	Total	2	26	16	<1	3	1
Phase 2 - 2021							
Grading	Total	1	14	6	<1	6	3
Site Mod	Total	6	5	7	<1	1	<1
Building Construction	Total	2	14	14	<1	1	1
Paving	Total	1	8	9	<1	1	<1
Arch. Coat	Total	35	2	2	<1	<1	<1
Demolition (Portable 2)	Total	2	16	10	<1	1	1
Phase 3 - 2021							
Site Mod	Total	6	5	7	<1	1	<1
Site Mod - Arch Coating	Total	6	2	2	<1	<1	<1
Demolition (Portables 1, 3, and 4)	Total	2	16	10	<1	1	1
Maximum Emissions by Phase Overlap							
Phase 1 Overlap	Total	6	6	7	0	1	0
Phase 2 Overlap	Total	44	29	31	0	2	1
Phase 3 Overlap	Total	12	7	8	0	1	0
Maximum Emissions by Project Phase							
Phase 1	Total	6	6	7	<1	1	<1
Phase 2	Total	44	29	31	<1	2	1
Phase 3	Total	12	7	8	<1	1	0
	Threshold	75	250	550	520	100	55
	Exceed Threshold?	No	No	No	No	No	No

Franklin School Project

Maximum Daily Unmitigated Construction Emissions

Inputs for Health Risk

Phase	Start	End	# days	Onsite lbs/day PM10	Vendor lbs/day PM10	Haul lbs/day PM10
Add Portable Classrooms				0.000	0.000	0.009
Demolition (Buildings 04-05/05-06)				1.041	0.000	0.088
Grading				0.638	0.000	0.000
Building Construction				0.684	0.011	0.000
Architectural Coating				0.094	0.000	0.000
Paving				0.4153	0.00	0.00
Demolition (Portable 2)				0.8174	0	0
Site Modernization				0.1939	0	0
SM - Architectural Coating				0.0941	0	0
Demolition (Portables 1, 3, 4)				0.8174	0	0

Franklin School Project

Maximum Daily Unmitigated Construction Emissions

Unmitigated - Construction

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		(lbs/day)									
Phase 1 - 2020											
Port. Class	Total	0.02736	0.59346	0.45838	0.00305	0.25948	0.00921	0.2687	0.05734	0.00607	0.06341
	Onsite	0	0	0	0	0.0758	0	0.0758	0.00818	0	0.00818
	Offsite	0.03	0.59	0.46	0.00	0.18	0.01	0.19	0.05	0.01	0.06
Site Mod	Total	6.36012	5.16186	6.5712	0.01232	0.2239	0.29347	0.51737	0.05996	0.29214	0.35209
	Onsite	6.34	4.88	6.00	0.01	0.00	0.29	0.29	0.00	0.29	0.29
	Offsite	0.02	0.28	0.57	0.00	0.22	0.01	0.23	0.06	0.00	0.06
Demolition	Total	2.21029	25.558	16.0293	0.04472	1.75858	1.1294	2.88797	0.34484	1.02807	1.37291
	Onsite	1.99	19.70	14.49	0.02	1.11	1.04	2.15	0.17	0.97	1.14
	Offsite	0.22	5.86	1.54	0.02	0.65	0.09	0.74	0.18	0.06	0.23
Phase 2 - 2021											
Grading	Total	1.29	14.34	6.49944	0.01467	4.90034	0.63825	5.53859	2.5344	0.58722	3.12162
	Onsite	1.29	14.33	6.33	0.01	4.83	0.64	5.47	2.52	0.59	3.10
	Offsite	0.00	0.01	0.17	0.00	0.07	0.00	0.07	0.02	0.00	0.02
Site Mod	Total	6.36012	5.16186	6.5712	0.01232	0.22	0.29347	0.51737	0.05996	0.29214	0.35209
	Onsite	6.34	4.88	6.00	0.01	0.00	0.29	0.29	0.00	0.29	0.29
	Offsite	0.02	0.28	0.57	0.00	0.22	0.01	0.23	0.06	0.00	0.06
Building Construction	Total	1.85345	14.2782	13.614	0.02608	0.28079	0.69648	0.97727	0.07594	0.67076	0.7467
	Onsite	1.81	13.64	12.90	0.02	0.00	0.68	0.68	0.00	0.66	0.66
	Offsite	0.04	0.64	0.71	0.00	0.28	0.01	0.29	0.08	0.01	0.09
Paving	Total	1.07289	7.76533	9.12996	0.01443	0.10666	0.41587	0.52254	0.02828	0.38353	0.4118
	Onsite	1.07	7.74	8.86	0.01	0.00	0.42	0.42	0.00	0.38	0.38
	Offsite	0.01	0.02	0.27	0.00	0.11	0.00	0.11	0.03	0.00	0.03
Arch. Coat	Total	34.6672	1.5357	1.92262	0.00333	0.04102	0.09432	0.13534	0.01088	0.0943	0.10518
	Onsite	34.67	1.53	1.82	0.00	0.00	0.09	0.09	0.00	0.09	0.09
	Offsite	0.00	0.01	0.11	0.00	0.04	0.00	0.04	0.01	0.00	0.01
Demolition (Portable 2)	Total	1.64243	16.4842	10.2624	0.02038	1.07134	0.82626	1.8976	0.17616	0.77155	0.94771
	Onsite	1.6185	15.905	9.9721	0.0179	0.9533	0.8174	1.7707	0.1444	0.7658	0.9102
	Offsite	0.02	0.58	0.29	0.00	0.12	0.01	0.13	0.03	0.01	0.04
Phase 3 - 2021											
Site Mod	Total	6.36012	5.16186	6.5712	0.01232	0.2239	0.29347	0.51737	0.05996	0.29214	0.35209
	Onsite	6.34	4.88	6.00	0.01	0.00	0.29	0.29	0.00	0.29	0.29
	Offsite	0.02	0.28	0.57	0.00	0.22	0.01	0.23	0.06	0.00	0.06
Site Mod - Arch Coating	Total	5.88	1.53392	1.90162	0.00326	0.03282	0.09428	0.1271	0.0087	0.09426	0.10296
	Onsite	5.88	1.53	1.82	0.00	0.00	0.09	0.09	0.00	0.09	0.09
	Offsite	0.00	0.01	0.08	0.00	0.03	0.00	0.03	0.01	0.00	0.01
Demolition (Portables 1, 3, and 4)	Total	1.64	16.4842	10.2624	0.02038	1.26634	0.82626	2.0926	0.20566	0.77155	0.97721
	Onsite	1.62	15.91	9.97	0.02	1.15	0.82	1.97	0.17	0.77	0.94
	Offsite	0.02	0.58	0.29	0.00	0.12	0.01	0.13	0.03	0.01	0.04

Franklin School Project

Maximum Daily Unmitigated Construction Emissions

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
		Phase 1									
Port. Class	Fugitive Dust					0.0758	0	0.0758	8.18E-03	0	8.18E-03
	Off-Road	0	0	0	0		0	0		0	0
	Hauling	0.02	0.56	0.12	0.00	0.05	0.01	0.06	0.01	0.01	0.02
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.01	0.03	0.34	0.00	0.13	0.00	0.13	0.03	0.00	0.04
Site Mod	Fugitive Dust					0	0	0	0	0	0
	Off-Road	0.4565	3.354	4.1821	6.78E-03		0.1939	0.1939		0.1935	0.1935
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.01	0.24	0.07	0.00	0.03	0.00	0.03	0.01	0.00	0.01
	Worker	0.01	0.04	0.42	0.00	0.16	0.00	0.16	0.04	0.00	0.04
Demolition	Fugitive Dust					1.1104	0	1.1104	0.1682	0	0.1682
	Off-Road	1.993	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715
	Hauling	0.21	5.84	1.26	0.02	0.54	0.09	0.63	0.15	0.06	0.20
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.01	0.02	0.27	0.00	0.11	0.00	0.11	0.03	0.00	0.03
	Phase 2										
Grading	Fugitive Dust					4.8347	0	4.8347	2.517	0	2.517
	Off-Road	1.2884	14.3307	6.3314	0.0141		0.6379	0.6379		0.5869	0.5869
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.00	0.01	0.17	0.00	0.07	0.00	0.07	0.02	0.00	0.02
Site Mod	Fugitive Dust	0	0	0	0	0	0	0	0	0	0
	Off-Road	0.4565	3.354	4.1821	0.00678	0	0.1939	0.1939	0	0.1935	0.1935
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.01	0.24	0.07	0.00	0.03	0.00	0.03	0.01	0.00	0.01
	Worker	0.01	0.04	0.42	0.00	0.16	0.00	0.16	0.04	0.00	0.04
Building Construction	Fugitive Dust					0	0	0	0	0	0
	Off-Road	1.8125	13.6361	12.8994	0.0221		0.6843	0.6843		0.6608	0.6608
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.03	0.60	0.17	0.00	0.07	0.01	0.08	0.02	0.01	0.03
	Worker	0.01	0.05	0.55	0.00	0.21	0.00	0.21	0.06	0.00	0.06

Franklin School Project

Maximum Daily Unmitigated Construction Emissions

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
		Phase 2									
Paving	Off-Road	0.7739	7.7422	8.8569	0.0135		0.4153	0.4153		0.383	0.383
	Paving	0.2934					0	0		0	0
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.01	0.02	0.27	0.00	0.11	0.00	0.11	0.03	0.00	0.03
Arch. Coat	Arch. Coating	34.4462					0	0		0	0
	Off-Road	0.2189	1.5268	1.8176	2.97E-03		0.0941	0.0941		0.0941	0.0941
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.00	0.01	0.11	0.00	0.04	0.00	0.04	0.01	0.00	0.01
Demolition (Portable 2)	Fugitive Dust					0.9533	0	0.9533	0.1444	0	0.1444
	Off-Road	1.6185	15.905	9.9721	0.0179		0.8174	0.8174		0.7658	0.7658
	Hauling	0.02	0.56	0.12	0.00	0.05	0.01	0.06	0.01	0.01	0.02
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.00	0.01	0.17	0.00	0.07	0.00	0.07	0.02	0.00	0.02
		Phase 3									
Site Mod	Fugitive Dust	0	0	0	0	0	0	0	0	0	0
	Off-Road	0.4565	3.354	4.1821	0.00678	0	0.1939	0.1939	0	0.1935	0.1935
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.01	0.24	0.07	0.00	0.03	0.00	0.03	0.01	0.00	0.01
	Worker	0.01	0.04	0.42	0.00	0.16	0.00	0.16	0.04	0.00	0.04
SM - Arch. Coat	Arch. Coating	5.6625					0	0		0	0
	Off-Road	0.2189	1.5268	1.8176	2.97E-03		0.0941	0.0941		0.0941	0.0941
	Hauling	0	0	0	0.00E+00	0	0.00E+00	0	0.00E+00	0.00E+00	0.00E+00
	Vendor	0	0	0	0.00E+00	0	0.00E+00	0	0	0.00E+00	0
	Worker	0.001719	0.007118	0.08402	2.87E-04	0.03282	1.76E-04	0.032996	0.0087	1.62E-04	0.008862
Demolition (Portable 1,3, and 4)	Fugitive Dust					1.1483	0	1.1483	0.1739	0	0.1739
	Off-Road	1.6185	15.905	9.9721	0.0179		0.8174	0.8174		0.7658	0.7658
	Hauling	0.02	0.56	0.12	0.00	0.05	0.01	0.06	0.01	0.01	0.02
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.00	0.01	0.17	0.00	0.07	0.00	0.07	0.02	0.00	0.02

3. Mitigated Construction Emissions

Franklin School Project

Maximum Daily Mitigated Construction Emissions - Tier 3 with DPF

CalEEMod 2016.3.2 Title: Construction Emissions Sumary - Tier 3 w/DPF

EMFAC 2017 Mobile Construction Emissions Spreadsheet

Unmitigated - Construction

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
		Max Daily (lbs/day)					
Phase 1 - 2020							
Port. Class	Total	<1	1	<1	<1	<1	<1
Site Mod	Total	6	5	7	<1	<1	<1
Demolition	Total	1	18	17	<1	1	<1
Phase 2 - 2021							
Grading	Total	<1	7	8	<1	2	1
Site Mod	Total	6	5	7	<1	<1	<1
Building Construction	Total	1	8	14	<1	<1	<1
Paving	Total	1	7	10	<1	<1	<1
Arch. Coat	Total	35	1	2	<1	<1	<1
Demolition (Portable 2)	Total	<1	9	11	<1	<1	<1
Phase 3 - 2021							
Site Mod	Total	6	5	7	<1	<1	<1
Site Mod - Arch Coating	Total	6	1	2	<1	<1	<1
Demolition (Portables 1, 3, and 4)	Total	<1	9	11	<1	1	<1
Maximum Emissions by Phase Overlap							
Phase 1 Overlap	Total	6	5	7	0	0	0
Phase 2 Overlap	Total	42	21	33	0	0	0
Phase 3 Overlap	Total	12	6	9	0	0	0
Maximum Emissions by Project Phase							
Phase 1	Total	6	5	7	<1	0	<1
Phase 2	Total	42	21	33	<1	0	0
Phase 3	Total	12	6	9	<1	0	0
	Threshold	75	250	550	520	100	55
	Exceed Threshold?	No	No	No	No	No	No

Franklin School Project

Maximum Daily Mitigated Construction Emissions - Tier 3 with DPF

Unmitigated - Construction

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		(lbs/day)									
Phase 1 - 2020											
Port. Class	Total	0.02736	0.59346	0.45838	0.00305	0.21608	0.00921	0.2253	0.05266	0.00607	0.05873
	Onsite	0	0	0	0	0.0324	0	0.0324	0.0035	0	0.0035
	Offsite	0.03	0.59	0.46	0.00	0.18	0.01	0.19	0.05	0.01	0.06
Site Mod	Total	5.88362	4.82396	6.706	0.01232	0.2239	0.05327	0.27717	0.05996	0.05234	0.11229
	Onsite	5.86	4.54	6.13	0.01	0.00	0.05	0.05	0.00	0.05	0.05
	Offsite	0.02	0.28	0.57	0.00	0.22	0.01	0.23	0.06	0.00	0.06
Demolition	Total	0.77939	17.9647	16.9522	0.04472	1.12288	0.1962	1.31907	0.24854	0.16427	0.41281
	Onsite	0.56	12.10	15.42	0.02	0.47	0.11	0.58	0.07	0.11	0.18
	Offsite	0.22	5.86	1.54	0.02	0.65	0.09	0.74	0.18	0.06	0.23
Phase 2 - 2021											
Grading	Total	0.35	6.92	8.25214	0.01467	2.13244	0.04695	2.17939	1.0934	0.04692	1.14032
	Onsite	0.35	6.90	8.08	0.01	2.07	0.05	2.11	1.08	0.05	1.12
	Offsite	0.00	0.01	0.17	0.00	0.07	0.00	0.07	0.02	0.00	0.02
Site Mod	Total	5.88362	4.82396	6.706	0.01232	0.2239	0.05327	0.27717	0.05996	0.05234	0.11229
	Onsite	5.86	4.54	6.13	0.01	0.00	0.05	0.05	0.00	0.05	0.05
	Offsite	0.02	0.28	0.57	0.00	0.22	0.01	0.23	0.06	0.00	0.06
Building Construction	Total	0.56275	8.17455	13.8387	0.02608	0.28079	0.09448	0.37527	0.07594	0.09226	0.1682
	Onsite	0.52	7.53	13.12	0.02	0.00	0.08	0.08	0.00	0.08	0.08
	Offsite	0.04	0.64	0.71	0.00	0.28	0.01	0.29	0.08	0.01	0.09
Paving	Total	0.66259	6.93913	10.3555	0.01443	0.10666	0.06927	0.17594	0.02828	0.06923	0.0975
	Onsite	0.66	6.92	10.08	0.01	0.00	0.07	0.07	0.00	0.07	0.07
	Offsite	0.01	0.02	0.27	0.00	0.11	0.00	0.11	0.03	0.00	0.03
Arch. Coat	Total	34.5077	1.3659	1.93742	0.00333	0.04102	0.01452	0.05554	0.01088	0.0145	0.02538
	Onsite	34.51	1.36	1.83	0.00	0.00	0.01	0.01	0.00	0.01	0.01
	Offsite	0.00	0.01	0.11	0.00	0.04	0.00	0.04	0.01	0.00	0.01
Demolition (Portable 2)	Total	0.41192	8.64172	10.8153	0.01819	0.44032	0.07148	0.5118	0.0704	0.07146	0.14186
	Onsite	0.4102	8.6346	10.7313	0.0179	0.4075	0.0713	0.4788	0.0617	0.0713	0.133
	Offsite	0.00	0.01	0.08	0.00	0.03	0.00	0.03	0.01	0.00	0.01
Phase 3 - 2021											
Site Mod	Total	5.88362	4.82396	6.706	0.01232	0.2239	0.05327	0.27717	0.05996	0.05234	0.11229
	Onsite	5.86	4.54	6.13	0.01	0.00	0.05	0.05	0.00	0.05	0.05
	Offsite	0.02	0.28	0.57	0.00	0.22	0.01	0.23	0.06	0.00	0.06
Site Mod - Arch Coating	Total	5.72	1.36412	1.91642	0.00326	0.03282	0.01448	0.0473	0.0087	0.01446	0.02316
	Onsite	5.72	1.36	1.83	0.00	0.00	0.01	0.01	0.00	0.01	0.01
	Offsite	0.00	0.01	0.08	0.00	0.03	0.00	0.03	0.01	0.00	0.01
Demolition (Portables 1, 3, and 4)	Total	0.43	9.21383	11.0216	0.02038	0.59224	0.08016	0.6724	0.10356	0.07705	0.18061
	Onsite	0.41	8.63	10.73	0.02	0.47	0.07	0.55	0.07	0.07	0.14
	Offsite	0.02	0.58	0.29	0.00	0.12	0.01	0.13	0.03	0.01	0.04

Franklin School Project

Maximum Daily Mitigated Construction Emissions - Tier 3 with DPF

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
		Phase 1									
Port. Class	Fugitive Dust					0.0324	0	0.0324	3.50E-03	0	3.50E-03
	Off-Road	0	0	0	0		0	0		0	0
	Hauling	0.02	0.56	0.12	0.00	0.05	0.01	0.06	0.01	0.01	0.02
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.01	0.03	0.34	0.00	0.13	0.00	0.13	0.03	0.00	0.04
Site Mod	Fugitive Dust										
	Off-Road	0.1395	3.1859	4.3021	6.78E-03		0.0335	0.0335		0.0335	0.0335
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.01	0.24	0.07	0.00	0.03	0.00	0.03	0.01	0.00	0.01
	Worker	0.01	0.04	0.42	0.00	0.16	0.00	0.16	0.04	0.00	0.04
Demolition	Fugitive Dust					0.4747	0	0.4747	0.0719	0	0.0719
	Off-Road	0.5621	12.1033	15.4154	0.0241		0.1077	0.1077		0.1077	0.1077
	Hauling	0.21	5.84	1.26	0.02	0.54	0.09	0.63	0.15	0.06	0.20
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.01	0.02	0.27	0.00	0.11	0.00	0.11	0.03	0.00	0.03
Phase 2											
Grading	Fugitive Dust					2.0668	0	2.0668	1.076	0	1.076
	Off-Road	0.345	6.9025	8.0841	0.0141		0.0466	0.0466		0.0466	0.0466
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.00	0.01	0.17	0.00	0.07	0.00	0.07	0.02	0.00	0.02
Site Mod	Fugitive Dust	0	0	0	0	0	0	0	0	0	0
	Off-Road	0.1395	3.1859	4.3021	0.00678	0	0.0335	0.0335	0	0.0335	0.0335
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.01	0.24	0.07	0.00	0.03	0.00	0.03	0.01	0.00	0.01
	Worker	0.01	0.04	0.42	0.00	0.16	0.00	0.16	0.04	0.00	0.04
Building Construction	Fugitive Dust					0	0	0	0	0	0
	Off-Road	0.5218	7.5324	13.1241	0.0221		0.0823	0.0823		0.0823	0.0823
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.03	0.60	0.17	0.00	0.07	0.01	0.08	0.02	0.01	0.03
	Worker	0.01	0.05	0.55	0.00	0.21	0.00	0.21	0.06	0.00	0.06
		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
		Phase 2									
Paving	Off-Road	0.3636	6.916	10.0824	0.0135		0.0687	0.0687		0.0687	0.0687
	Paving	0.2934					0	0		0	0
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.01	0.02	0.27	0.00	0.11	0.00	0.11	0.03	0.00	0.03

Franklin School Project

Maximum Daily Mitigated Construction Emissions - Tier 3 with DPF

Arch. Coat	Arch. Coating	34.4462					0	0		0	0
	Off-Road	0.0594	1.357	1.8324	2.97E-03		1.43E-02	1.43E-02		1.43E-02	1.43E-02
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.00	0.01	0.11	0.00	0.04	0.00	0.04	0.01	0.00	0.01
Demolition (Portable 2)	Fugitive Dust					0.4075	0	0.4075	6.17E-02	0	6.17E-02
	Off-Road	0.4102	8.6346	10.7313	0.0179		0.0713	0.0713		0.0713	0.0713
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.00	0.01	0.08	0.00	0.03	0.00	0.03	0.01	0.00	0.01
Phase 3											
Site Mod	Fugitive Dust	0	0	0	0	0	0	0	0	0	0
	Off-Road	0.1395	3.1859	4.3021	0.00678	0	0.0335	0.0335	0	0.0335	0.0335
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.01	0.24	0.07	0.00	0.03	0.00	0.03	0.01	0.00	0.01
	Worker	0.01	0.04	0.42	0.00	0.16	0.00	0.16	0.04	0.00	0.04
SM - Arch. Coat	Arch. Coating	5.6625					0	0		0	0
	Off-Road	0.0594	1.357	1.8324	2.97E-03		0.0143	0.0143		0.0143	0.0143
	Hauling	0	0	0	0.00E+00	0	0.00E+00	0	0.00E+00	0.00E+00	0.00E+00
	Vendor	0	0	0	0.00E+00	0	0.00E+00	0	0	0.00E+00	0
	Worker	0.001719	0.007118	0.08402	2.87E-04	0.03282	1.76E-04	0.032996	0.0087	1.62E-04	0.008862
Demolition (Portable 1,3, and 4)	Fugitive Dust					0.4742	0	0.4742	0.0718	0	0.0718
	Off-Road	0.4102	8.6346	10.7313	0.0179		0.0713	0.0713		0.0713	0.0713
	Hauling	0.02	0.56	0.12	0.00	0.05	0.01	0.06	0.01	0.01	0.02
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.00	0.01	0.17	0.00	0.07	0.00	0.07	0.02	0.00	0.02

4. Unmitigated Operational Emissions

Franklin School Project
Unmitigated Operational Impacts

CalEEMod 2016.3.2

Title: Franklin School -Existing Conditions — Date: 8/21/2019
Franklin School - New Classroom Building — 8/21/2019
Franklin School - Site Modernization — 8/21/2019

Unmitigated Emissions - Net Emissions (Project minus Existing)

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
			Max (Lbs/day)			
Area	*0.10*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*
Energy	*0.00*	*-0.01*	*0.00*	*0.00*	*0.00*	*0.00*
Mobile	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*
Total	***0***	***-0.01***	***0.00***	***0.00***	***0.00***	***0.00***
Thresholds						
Exceeds Thresholds?						

Franklin School Project
Unmitigated Operational Impacts - Existing

Unmitigated Emissions - Max Existing

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
			Max (Lbs/day)			
Area	*0.98*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*
Energy	*0.01*	*0.07*	*0.05*	*0.00*	*0.00*	*0.00*
Mobile	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*
Total	***0.98***	***0.07***	***0.06***	***0.00***	***0.00***	***0.00***

0.00003

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					Winter (lbs/day)					
Area	0.9763	3.00E-05	3.63E-03	0		1.00E-05	1.00E-05		1.00E-05	1.00E-05
Energy	7.15E-03	0.065	0.0546	3.90E-04		4.94E-03	4.94E-03		4.94E-03	4.94E-03
Mobile	0	0	0	0	0	0	0	0	0	0
Total	**0.9834**	**0.065**	**0.0582**	**3.90E-04**	**0**	**4.95E-03**	**4.95E-03**	**0**	**4.95E-03**	**4.95E-03**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					Summer (lbs/day)					
Area	0.9763	3.00E-05	3.63E-03	0		1.00E-05	1.00E-05		1.00E-05	1.00E-05
Energy	7.15E-03	0.065	0.0546	3.90E-04		4.94E-03	4.94E-03		4.94E-03	4.94E-03
Mobile	0	0	0	0	0	0	0	0	0	0
Total	**0.9834**	**0.065**	**0.0582**	**3.90E-04**	**0**	**4.95E-03**	**4.95E-03**	**0**	**4.95E-03**	**4.95E-03**

Franklin School Project
Unmitigated Operational Impacts - Project

Unmitigated Emissions - Max Project

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
	Max (Lbs/day)					
Area	*1.08*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*
Energy	*0.01*	*0.06*	*0.05*	*0.00*	*0.00*	*0.00*
Mobile	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*
Total	***1.08***	***0.06***	***0.05***	***0.00***	***0.00***	***0.00***

Note: Modernization emissions are taken from the "Mitigated" Scenario to account for increased energy efficiency.

New Building

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	Winter (lbs/day)									
Area	0.3986	1.00E-05	1.48E-03	0		1.00E-05	1.00E-05		1.00E-05	1.00E-05
Energy	1.70E-03	0.0154	0.013	9.00E-05		1.17E-03	1.17E-03		1.17E-03	1.17E-03
Mobile	0	0	0	0	0	0	0	0	0	0
Total	**0.4003**	**0.0155**	**0.0145**	**9.00E-05**	**0**	**1.18E-03**	**1.18E-03**	**0**	**1.18E-03**	**1.18E-03**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	Summer (lbs/day)									
Area	0.3986	1.00E-05	1.48E-03	0		1.00E-05	1.00E-05		1.00E-05	1.00E-05
Energy	1.70E-03	0.0154	0.013	9.00E-05		1.17E-03	1.17E-03		1.17E-03	1.17E-03
Mobile	0	0	0	0	0	0	0	0	0	0
Total	**0.4003**	**0.0155**	**0.0145**	**9.00E-05**	**0**	**1.18E-03**	**1.18E-03**	**0**	**1.18E-03**	**1.18E-03**

Site Modernization

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	Winter (lbs/day)									
Area	0.6782	2.00E-05	2.50E-03	0		1.00E-05	1.00E-05		1.00E-05	1.00E-05
Energy	4.87E-03	0.0443	0.0372	2.70E-04		3.37E-03	3.37E-03		3.37E-03	3.37E-03
Mobile	0	0	0	0	0	0	0	0	0	0
Total	**0.6831**	**0.0443**	**0.0397**	**2.70E-04**	**0**	**3.38E-03**	**3.38E-03**	**0**	**3.38E-03**	**3.38E-03**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	Summer (lbs/day)									
Area	0.6782	2.00E-05	2.50E-03	0		1.00E-05	1.00E-05		1.00E-05	1.00E-05
Energy	4.87E-03	0.0443	0.0372	2.70E-04		3.37E-03	3.37E-03		3.37E-03	3.37E-03
Mobile	0	0	0	0	0	0	0	0	0	0
Total	**0.6831**	**0.0443**	**0.0397**	**2.70E-04**	**0**	**3.38E-03**	**3.38E-03**	**0**	**3.38E-03**	**3.38E-03**

5. CalEEMod Output

5. CalEEMod Output
a. New Building Construction

Franklin School - New Construction - San Diego County, Summer

Franklin School - New Construction

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	13.40	1000sqft	0.31	13,400.00	0
Other Asphalt Surfaces	1.12	Acre	1.12	48,787.20	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2022
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	458.58	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See assumptions

Land Use -

Construction Phase - See assumptions

Off-road Equipment - See assumptions

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - See assumptions

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - See assumptions

Trips and VMT - See assumptions

Demolition -

Vehicle Trips - See assumptions

Energy Use - See assumptions

Water And Wastewater - See assumptions

Solid Waste - See assumptions

Construction Off-road Equipment Mitigation - See assumptions

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstructionPhase	NumDays	20.00	2.00
tblConstructionPhase	NumDays	20.00	5.00
tblConstructionPhase	NumDays	4.00	5.00
tblConstructionPhase	NumDays	2.00	14.00
tblEnergyUse	T24E	1.52	1.06
tblEnergyUse	T24NG	5.44	3.81
tblGrading	AcresOfGrading	1.88	1.50
tblGrading	AcresOfGrading	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	458.58

tblSolidWaste	SolidWasteGenerationRate	17.42	20.10
tblTripsAndVMT	HaulingTripNumber	101.00	0.00
tblTripsAndVMT	HaulingTripNumber	9.00	0.00
tblTripsAndVMT	HaulingTripNumber	25.00	0.00
tblTripsAndVMT	VendorTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	26.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblVehicleTrips	WD_TR	15.43	0.00
tblWater	AerobicPercent	87.46	97.54
tblWater	AerobicPercent	87.46	97.54
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	2.46
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	2.46
tblWater	IndoorWaterUseRate	388,558.69	195,640.00
tblWater	OutdoorWaterUseRate	999,150.92	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	37.5449	22.9051	23.5738	0.0386	4.8347	1.1938	5.4726	2.5170	1.1378	3.1039	0.0000	3,579.5345	3,579.5345	0.7877	0.0000	3,599.2269
Maximum	**37.5449**	**22.9051**	**23.5738**	**0.0386**	**4.8347**	**1.1938**	**5.4726**	**2.5170**	**1.1378**	**3.1039**	**0.0000**	**3,579.5345**	**3,579.5345**	**0.7877**	**0.0000**	**3,599.2269**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	35.6844	15.8054	25.0390	0.0386	2.0668	0.1653	2.1134	1.0760	0.1653	1.1226	0.0000	3,579.5345	3,579.5345	0.7877	0.0000	3,599.2269
Maximum	**35.6844**	**15.8054**	**25.0390**	**0.0386**	**2.0668**	**0.1653**	**2.1134**	**1.0760**	**0.1653**	**1.1226**	**0.0000**	**3,579.5345**	**3,579.5345**	**0.7877**	**0.0000**	**3,599.2269**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**4.96**	**31.00**	**-6.22**	**0.00**	**57.25**	**86.16**	**61.38**	**57.25**	**85.48**	**63.83**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.3986	1.0000e-005	1.4800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		3.1800e-003	3.1800e-003	1.0000e-005		3.3900e-003
Energy	1.7000e-003	0.0154	0.0130	9.0000e-005		1.1700e-003	1.1700e-003		1.1700e-003	1.1700e-003		18.5289	18.5289	3.6000e-004	3.4000e-004	18.6390
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.4003**	**0.0155**	**0.0145**	**9.0000e-005**	**0.0000**	**1.1800e-003**	**1.1800e-003**	**0.0000**	**1.1800e-003**	**1.1800e-003**		**18.5321**	**18.5321**	**3.7000e-004**	**3.4000e-004**	**18.6424**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.3986	1.0000e-005	1.4800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		3.1800e-003	3.1800e-003	1.0000e-005		3.3900e-003
Energy	1.7000e-003	0.0154	0.0130	9.0000e-005		1.1700e-003	1.1700e-003		1.1700e-003	1.1700e-003		18.5289	18.5289	3.6000e-004	3.4000e-004	18.6390
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.4003**	**0.0155**	**0.0145**	**9.0000e-005**	**0.0000**	**1.1800e-003**	**1.1800e-003**	**0.0000**	**1.1800e-003**	**1.1800e-003**		**18.5321**	**18.5321**	**3.7000e-004**	**3.4000e-004**	**18.6424**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	P1 - Add Portable Classrooms	Site Preparation	1/1/2021	1/20/2021	5	14	
2	P1 - Demolition (Buildings 04-05/05-06)	Demolition	1/21/2021	2/17/2021	5	20	
3	P2 - Grading	Grading	2/18/2021	2/24/2021	5	5	
4	P2 - Building Construction	Building Construction	2/25/2021	12/1/2021	5	200	
5	P2 - Paving	Paving	11/25/2021	12/8/2021	5	10	
6	P2 - Architectural Coating	Architectural Coating	11/25/2021	12/8/2021	5	10	
7	P2 - Demolition (Portable 2)	Demolition	12/9/2021	12/11/2021	5	2	
8	P3 - Demolition (Portables 1, 3, and 4)	Demolition	12/13/2021	12/17/2021	5	5	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 1.12

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 20,100; Non-Residential Outdoor: 6,700; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
P1 - Add Portable Classrooms	Graders	0	8.00	187	0.41
P1 - Add Portable Classrooms	Rubber Tired Dozers	0	7.00	247	0.40
P1 - Add Portable Classrooms	Tractors/Loaders/Backhoes	0	8.00	97	0.37
P1 - Demolition (Buildings 04-05/05-06)	Concrete/Industrial Saws	1	8.00	81	0.73
P1 - Demolition (Buildings 04-05/05-06)	Rubber Tired Dozers	1	8.00	247	0.40
P1 - Demolition (Buildings 04-05/05-06)	Tractors/Loaders/Backhoes	3	8.00	97	0.37
P2 - Grading	Graders	1	6.00	187	0.41
P2 - Grading	Rubber Tired Dozers	1	6.00	247	0.40
P2 - Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
P2 - Building Construction	Cranes	1	6.00	231	0.29

P2 - Building Construction	Forklifts	1	6.00	89	0.20
P2 - Building Construction	Generator Sets	1	8.00	84	0.74
P2 - Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
P2 - Building Construction	Welders	3	8.00	46	0.45
P2 - Paving	Cement and Mortar Mixers	1	6.00	9	0.56
P2 - Paving	Pavers	1	6.00	130	0.42
P2 - Paving	Paving Equipment	1	8.00	132	0.36
P2 - Paving	Rollers	1	7.00	80	0.38
P2 - Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P2 - Architectural Coating	Air Compressors	1	6.00	78	0.48
P2 - Demolition (Portable 2)	Concrete/Industrial Saws	1	8.00	81	0.73
P2 - Demolition (Portable 2)	Rubber Tired Dozers	1	8.00	247	0.40
P2 - Demolition (Portable 2)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P3 - Demolition (Portables 1, 3, and 4)	Concrete/Industrial Saws	1	8.00	81	0.73
P3 - Demolition (Portables 1, 3, and 4)	Rubber Tired Dozers	1	8.00	247	0.40
P3 - Demolition (Portables 1, 3, and 4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 P1 - Add Portable Classrooms - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0758	0.0000	0.0758	8.1800e-003	0.0000	8.1800e-003			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0758**	**0.0000**	**0.0758**	**8.1800e-003**	**0.0000**	**8.1800e-003**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0324	0.0000	0.0324	3.5000e-003	0.0000	3.5000e-003			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0324**	**0.0000**	**0.0324**	**3.5000e-003**	**0.0000**	**3.5000e-003**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.3 P1 - Demolition (Buildings 04-05/05-06) - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.1104	0.0000	1.1104	0.1682	0.0000	0.1682			0.0000			0.0000
Off-Road	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715		2,322.7171	2,322.7171	0.5940		2,337.5658
Total	**1.9930**	**19.6966**	**14.4925**	**0.0241**	**1.1104**	**1.0409**	**2.1513**	**0.1682**	**0.9715**	**1.1396**		**2,322.7171**	**2,322.7171**	**0.5940**		**2,337.5658**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4747	0.0000	0.4747	0.0719	0.0000	0.0719			0.0000			0.0000
Off-Road	0.5621	12.1033	15.4154	0.0241		0.1077	0.1077		0.1077	0.1077	0.0000	2,322.7171	2,322.7171	0.5940		2,337.5658
Total	**0.5621**	**12.1033**	**15.4154**	**0.0241**	**0.4747**	**0.1077**	**0.5824**	**0.0719**	**0.1077**	**0.1796**	**0.0000**	**2,322.7171**	**2,322.7171**	**0.5940**		**2,337.5658**

3.4 P2 - Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.8347	0.0000	4.8347	2.5170	0.0000	2.5170			0.0000			0.0000
Off-Road	1.2884	14.3307	6.3314	0.0141		0.6379	0.6379		0.5869	0.5869		1,365.0648	1,365.0648	0.4415		1,376.1020
Total	**1.2884**	**14.3307**	**6.3314**	**0.0141**	**4.8347**	**0.6379**	**5.4726**	**2.5170**	**0.5869**	**3.1039**		**1,365.0648**	**1,365.0648**	**0.4415**		**1,376.1020**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0668	0.0000	2.0668	1.0760	0.0000	1.0760			0.0000			0.0000
Off-Road	0.3450	6.9025	8.0841	0.0141		0.0466	0.0466		0.0466	0.0466	0.0000	1,365.0648	1,365.0648	0.4415		1,376.1020
Total	**0.3450**	**6.9025**	**8.0841**	**0.0141**	**2.0668**	**0.0466**	**2.1134**	**1.0760**	**0.0466**	**1.1226**	**0.0000**	**1,365.0648**	**1,365.0648**	**0.4415**		**1,376.1020**

3.5 P2 - Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8125	13.6361	12.8994	0.0221		0.6843	0.6843		0.6608	0.6608		2,001.2200	2,001.2200	0.3573		2,010.1517
Total	**1.8125**	**13.6361**	**12.8994**	**0.0221**		**0.6843**	**0.6843**		**0.6608**	**0.6608**		**2,001.2200**	**2,001.2200**	**0.3573**		**2,010.1517**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5218	7.5324	13.1241	0.0221		0.0823	0.0823		0.0823	0.0823	0.0000	2,001.2200	2,001.2200	0.3573		2,010.1517
Total	**0.5218**	**7.5324**	**13.1241**	**0.0221**		**0.0823**	**0.0823**		**0.0823**	**0.0823**	**0.0000**	**2,001.2200**	**2,001.2200**	**0.3573**		**2,010.1517**

3.6 P2 - Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7739	7.7422	8.8569	0.0135		0.4153	0.4153		0.3830	0.3830		1,296.8664	1,296.8664	0.4111		1,307.1442
Paving	0.2934					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0673**	**7.7422**	**8.8569**	**0.0135**		**0.4153**	**0.4153**		**0.3830**	**0.3830**		**1,296.8664**	**1,296.8664**	**0.4111**		**1,307.1442**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3636	6.9160	10.0824	0.0135		0.0687	0.0687		0.0687	0.0687	0.0000	1,296.8664	1,296.8664	0.4111		1,307.1442
Paving	0.2934					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6570**	**6.9160**	**10.0824**	**0.0135**		**0.0687**	**0.0687**		**0.0687**	**0.0687**	**0.0000**	**1,296.8664**	**1,296.8664**	**0.4111**		**1,307.1442**

3.7 P2 - Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.4462					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	**34.6651**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**		**281.4481**	**281.4481**	**0.0193**		**281.9309**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.4462					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3570	1.8324	2.9700e-003		0.0143	0.0143		0.0143	0.0143	0.0000	281.4481	281.4481	0.0193		281.9309
Total	**34.5056**	**1.3570**	**1.8324**	**2.9700e-003**		**0.0143**	**0.0143**		**0.0143**	**0.0143**	**0.0000**	**281.4481**	**281.4481**	**0.0193**		**281.9309**

3.8 P2 - Demolition (Portable 2) - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.9533	0.0000	0.9533	0.1444	0.0000	0.1444			0.0000			0.0000
Off-Road	1.6185	15.9050	9.9721	0.0179		0.8174	0.8174		0.7658	0.7658		1,720.9169	1,720.9169	0.3993		1,730.8998
Total	**1.6185**	**15.9050**	**9.9721**	**0.0179**	**0.9533**	**0.8174**	**1.7707**	**0.1444**	**0.7658**	**0.9102**		**1,720.9169**	**1,720.9169**	**0.3993**		**1,730.8998**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4075	0.0000	0.4075	0.0617	0.0000	0.0617			0.0000			0.0000
Off-Road	0.4102	8.6346	10.7313	0.0179		0.0713	0.0713		0.0713	0.0713	0.0000	1,720.9169	1,720.9169	0.3993		1,730.8998
Total	**0.4102**	**8.6346**	**10.7313**	**0.0179**	**0.4075**	**0.0713**	**0.4788**	**0.0617**	**0.0713**	**0.1330**	**0.0000**	**1,720.9169**	**1,720.9169**	**0.3993**		**1,730.8998**

3.9 P3 - Demolition (Portables 1, 3, and 4) - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.1093	0.0000	1.1093	0.1680	0.0000	0.1680			0.0000			0.0000
Off-Road	1.6185	15.9050	9.9721	0.0179		0.8174	0.8174		0.7658	0.7658		1,720.9169	1,720.9169	0.3993		1,730.8998
Total	**1.6185**	**15.9050**	**9.9721**	**0.0179**	**1.1093**	**0.8174**	**1.9267**	**0.1680**	**0.7658**	**0.9338**		**1,720.9169**	**1,720.9169**	**0.3993**		**1,730.8998**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4742	0.0000	0.4742	0.0718	0.0000	0.0718			0.0000			0.0000
Off-Road	0.4102	8.6346	10.7313	0.0179		0.0713	0.0713		0.0713	0.0713	0.0000	1,720.9169	1,720.9169	0.3993		1,730.8998
Total	**0.4102**	**8.6346**	**10.7313**	**0.0179**	**0.4742**	**0.0713**	**0.5455**	**0.0718**	**0.0713**	**0.1431**	**0.0000**	**1,720.9169**	**1,720.9169**	**0.3993**		**1,730.8998**

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.7000e-003	0.0154	0.0130	9.0000e-005		1.1700e-003	1.1700e-003		1.1700e-003	1.1700e-003		18.5289	18.5289	3.6000e-004	3.4000e-004	18.6390
NaturalGas Unmitigated	1.7000e-003	0.0154	0.0130	9.0000e-005		1.1700e-003	1.1700e-003		1.1700e-003	1.1700e-003		18.5289	18.5289	3.6000e-004	3.4000e-004	18.6390

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Elementary School	157.496	1.7000e-003	0.0154	0.0130	9.0000e-005		1.1700e-003	1.1700e-003		1.1700e-003	1.1700e-003		18.5289	18.5289	3.6000e-004	3.4000e-004	18.6390
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**1.7000e-003**	**0.0154**	**0.0130**	**9.0000e-005**		**1.1700e-003**	**1.1700e-003**		**1.1700e-003**	**1.1700e-003**		**18.5289**	**18.5289**	**3.6000e-004**	**3.4000e-004**	**18.6390**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Elementary School	0.157496	1.7000e-003	0.0154	0.0130	9.0000e-005		1.1700e-003	1.1700e-003		1.1700e-003	1.1700e-003		18.5289	18.5289	3.6000e-004	3.4000e-004	18.6390
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**1.7000e-003**	**0.0154**	**0.0130**	**9.0000e-005**		**1.1700e-003**	**1.1700e-003**		**1.1700e-003**	**1.1700e-003**		**18.5289**	**18.5289**	**3.6000e-004**	**3.4000e-004**	**18.6390**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.3986	1.0000e-005	1.4800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		3.1800e-003	3.1800e-003	1.0000e-005		3.3900e-003
Unmitigated	0.3986	1.0000e-005	1.4800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		3.1800e-003	3.1800e-003	1.0000e-005		3.3900e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0944					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.3040					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.4000e-004	1.0000e-005	1.4800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		3.1800e-003	3.1800e-003	1.0000e-005		3.3900e-003
Total	**0.3986**	**1.0000e-005**	**1.4800e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**3.1800e-003**	**3.1800e-003**	**1.0000e-005**		**3.3900e-003**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0944					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.3040					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.4000e-004	1.0000e-005	1.4800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		3.1800e-003	3.1800e-003	1.0000e-005		3.3900e-003
Total	**0.3986**	**1.0000e-005**	**1.4800e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**3.1800e-003**	**3.1800e-003**	**1.0000e-005**		**3.3900e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

Franklin School - New Construction - San Diego County, Winter

Franklin School - New Construction

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	13.40	1000sqft	0.31	13,400.00	0
Other Asphalt Surfaces	1.12	Acre	1.12	48,787.20	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2022
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	458.58	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See assumptions

Land Use -

Construction Phase - See assumptions

Off-road Equipment - See assumptions

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - See assumptions

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - See assumptions

Trips and VMT - See assumptions

Demolition -

Vehicle Trips - See assumptions

Energy Use - See assumptions

Water And Wastewater - See assumptions

Solid Waste - See assumptions

Construction Off-road Equipment Mitigation - See assumptions

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstructionPhase	NumDays	20.00	2.00
tblConstructionPhase	NumDays	20.00	5.00
tblConstructionPhase	NumDays	4.00	5.00
tblConstructionPhase	NumDays	2.00	14.00
tblEnergyUse	T24E	1.52	1.06
tblEnergyUse	T24NG	5.44	3.81
tblGrading	AcresOfGrading	1.88	1.50
tblGrading	AcresOfGrading	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	458.58

tblSolidWaste	SolidWasteGenerationRate	17.42	20.10
tblTripsAndVMT	HaulingTripNumber	101.00	0.00
tblTripsAndVMT	HaulingTripNumber	9.00	0.00
tblTripsAndVMT	HaulingTripNumber	25.00	0.00
tblTripsAndVMT	VendorTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	26.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblVehicleTrips	WD_TR	15.43	0.00
tblWater	AerobicPercent	87.46	97.54
tblWater	AerobicPercent	87.46	97.54
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	2.46
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	2.46
tblWater	IndoorWaterUseRate	388,558.69	195,640.00
tblWater	OutdoorWaterUseRate	999,150.92	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	37.5449	22.9051	23.5738	0.0386	4.8347	1.1938	5.4726	2.5170	1.1378	3.1039	0.0000	3,579.5345	3,579.5345	0.7877	0.0000	3,599.2269
Maximum	**37.5449**	**22.9051**	**23.5738**	**0.0386**	**4.8347**	**1.1938**	**5.4726**	**2.5170**	**1.1378**	**3.1039**	**0.0000**	**3,579.5345**	**3,579.5345**	**0.7877**	**0.0000**	**3,599.2269**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	35.6844	15.8054	25.0390	0.0386	2.0668	0.1653	2.1134	1.0760	0.1653	1.1226	0.0000	3,579.5345	3,579.5345	0.7877	0.0000	3,599.2269
Maximum	**35.6844**	**15.8054**	**25.0390**	**0.0386**	**2.0668**	**0.1653**	**2.1134**	**1.0760**	**0.1653**	**1.1226**	**0.0000**	**3,579.5345**	**3,579.5345**	**0.7877**	**0.0000**	**3,599.2269**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**4.96**	**31.00**	**-6.22**	**0.00**	**57.25**	**86.16**	**61.38**	**57.25**	**85.48**	**63.83**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.3986	1.0000e-005	1.4800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		3.1800e-003	3.1800e-003	1.0000e-005		3.3900e-003
Energy	1.7000e-003	0.0154	0.0130	9.0000e-005		1.1700e-003	1.1700e-003		1.1700e-003	1.1700e-003		18.5289	18.5289	3.6000e-004	3.4000e-004	18.6390
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.4003**	**0.0155**	**0.0145**	**9.0000e-005**	**0.0000**	**1.1800e-003**	**1.1800e-003**	**0.0000**	**1.1800e-003**	**1.1800e-003**		**18.5321**	**18.5321**	**3.7000e-004**	**3.4000e-004**	**18.6424**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.3986	1.0000e-005	1.4800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		3.1800e-003	3.1800e-003	1.0000e-005		3.3900e-003
Energy	1.7000e-003	0.0154	0.0130	9.0000e-005		1.1700e-003	1.1700e-003		1.1700e-003	1.1700e-003		18.5289	18.5289	3.6000e-004	3.4000e-004	18.6390
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.4003**	**0.0155**	**0.0145**	**9.0000e-005**	**0.0000**	**1.1800e-003**	**1.1800e-003**	**0.0000**	**1.1800e-003**	**1.1800e-003**		**18.5321**	**18.5321**	**3.7000e-004**	**3.4000e-004**	**18.6424**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	P1 - Add Portable Classrooms	Site Preparation	1/1/2021	1/20/2021	5	14	
2	P1 - Demolition (Buildings 04-05/05-06)	Demolition	1/21/2021	2/17/2021	5	20	
3	P2 - Grading	Grading	2/18/2021	2/24/2021	5	5	
4	P2 - Building Construction	Building Construction	2/25/2021	12/1/2021	5	200	
5	P2 - Paving	Paving	11/25/2021	12/8/2021	5	10	
6	P2 - Architectural Coating	Architectural Coating	11/25/2021	12/8/2021	5	10	
7	P2 - Demolition (Portable 2)	Demolition	12/9/2021	12/11/2021	5	2	
8	P3 - Demolition (Portables 1, 3, and 4)	Demolition	12/13/2021	12/17/2021	5	5	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 1.12

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 20,100; Non-Residential Outdoor: 6,700; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
P1 - Add Portable Classrooms	Graders	0	8.00	187	0.41
P1 - Add Portable Classrooms	Rubber Tired Dozers	0	7.00	247	0.40
P1 - Add Portable Classrooms	Tractors/Loaders/Backhoes	0	8.00	97	0.37
P1 - Demolition (Buildings 04-05/05-06)	Concrete/Industrial Saws	1	8.00	81	0.73
P1 - Demolition (Buildings 04-05/05-06)	Rubber Tired Dozers	1	8.00	247	0.40
P1 - Demolition (Buildings 04-05/05-06)	Tractors/Loaders/Backhoes	3	8.00	97	0.37
P2 - Grading	Graders	1	6.00	187	0.41
P2 - Grading	Rubber Tired Dozers	1	6.00	247	0.40
P2 - Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
P2 - Building Construction	Cranes	1	6.00	231	0.29

P2 - Building Construction	Forklifts	1	6.00	89	0.20
P2 - Building Construction	Generator Sets	1	8.00	84	0.74
P2 - Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
P2 - Building Construction	Welders	3	8.00	46	0.45
P2 - Paving	Cement and Mortar Mixers	1	6.00	9	0.56
P2 - Paving	Pavers	1	6.00	130	0.42
P2 - Paving	Paving Equipment	1	8.00	132	0.36
P2 - Paving	Rollers	1	7.00	80	0.38
P2 - Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P2 - Architectural Coating	Air Compressors	1	6.00	78	0.48
P2 - Demolition (Portable 2)	Concrete/Industrial Saws	1	8.00	81	0.73
P2 - Demolition (Portable 2)	Rubber Tired Dozers	1	8.00	247	0.40
P2 - Demolition (Portable 2)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P3 - Demolition (Portables 1, 3, and 4)	Concrete/Industrial Saws	1	8.00	81	0.73
P3 - Demolition (Portables 1, 3, and 4)	Rubber Tired Dozers	1	8.00	247	0.40
P3 - Demolition (Portables 1, 3, and 4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 P1 - Add Portable Classrooms - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0758	0.0000	0.0758	8.1800e-003	0.0000	8.1800e-003			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0758**	**0.0000**	**0.0758**	**8.1800e-003**	**0.0000**	**8.1800e-003**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0324	0.0000	0.0324	3.5000e-003	0.0000	3.5000e-003			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0324**	**0.0000**	**0.0324**	**3.5000e-003**	**0.0000**	**3.5000e-003**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.3 P1 - Demolition (Buildings 04-05/05-06) - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.1104	0.0000	1.1104	0.1682	0.0000	0.1682			0.0000			0.0000
Off-Road	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715		2,322.7171	2,322.7171	0.5940		2,337.5658
Total	**1.9930**	**19.6966**	**14.4925**	**0.0241**	**1.1104**	**1.0409**	**2.1513**	**0.1682**	**0.9715**	**1.1396**		**2,322.7171**	**2,322.7171**	**0.5940**		**2,337.5658**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4747	0.0000	0.4747	0.0719	0.0000	0.0719			0.0000			0.0000
Off-Road	0.5621	12.1033	15.4154	0.0241		0.1077	0.1077		0.1077	0.1077	0.0000	2,322.7171	2,322.7171	0.5940		2,337.5658
Total	**0.5621**	**12.1033**	**15.4154**	**0.0241**	**0.4747**	**0.1077**	**0.5824**	**0.0719**	**0.1077**	**0.1796**	**0.0000**	**2,322.7171**	**2,322.7171**	**0.5940**		**2,337.5658**

3.4 P2 - Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.8347	0.0000	4.8347	2.5170	0.0000	2.5170			0.0000			0.0000
Off-Road	1.2884	14.3307	6.3314	0.0141		0.6379	0.6379		0.5869	0.5869		1,365.0648	1,365.0648	0.4415		1,376.1020
Total	**1.2884**	**14.3307**	**6.3314**	**0.0141**	**4.8347**	**0.6379**	**5.4726**	**2.5170**	**0.5869**	**3.1039**		**1,365.0648**	**1,365.0648**	**0.4415**		**1,376.1020**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0668	0.0000	2.0668	1.0760	0.0000	1.0760			0.0000			0.0000
Off-Road	0.3450	6.9025	8.0841	0.0141		0.0466	0.0466		0.0466	0.0466	0.0000	1,365.0648	1,365.0648	0.4415		1,376.1020
Total	**0.3450**	**6.9025**	**8.0841**	**0.0141**	**2.0668**	**0.0466**	**2.1134**	**1.0760**	**0.0466**	**1.1226**	**0.0000**	**1,365.0648**	**1,365.0648**	**0.4415**		**1,376.1020**

3.5 P2 - Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8125	13.6361	12.8994	0.0221		0.6843	0.6843		0.6608	0.6608		2,001.2200	2,001.2200	0.3573		2,010.1517
Total	**1.8125**	**13.6361**	**12.8994**	**0.0221**		**0.6843**	**0.6843**		**0.6608**	**0.6608**		**2,001.2200**	**2,001.2200**	**0.3573**		**2,010.1517**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5218	7.5324	13.1241	0.0221		0.0823	0.0823		0.0823	0.0823	0.0000	2,001.2200	2,001.2200	0.3573		2,010.1517
Total	**0.5218**	**7.5324**	**13.1241**	**0.0221**		**0.0823**	**0.0823**		**0.0823**	**0.0823**	**0.0000**	**2,001.2200**	**2,001.2200**	**0.3573**		**2,010.1517**

3.6 P2 - Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7739	7.7422	8.8569	0.0135		0.4153	0.4153		0.3830	0.3830		1,296.8664	1,296.8664	0.4111		1,307.1442
Paving	0.2934					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0673**	**7.7422**	**8.8569**	**0.0135**		**0.4153**	**0.4153**		**0.3830**	**0.3830**		**1,296.8664**	**1,296.8664**	**0.4111**		**1,307.1442**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3636	6.9160	10.0824	0.0135		0.0687	0.0687		0.0687	0.0687	0.0000	1,296.8664	1,296.8664	0.4111		1,307.1442
Paving	0.2934					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6570**	**6.9160**	**10.0824**	**0.0135**		**0.0687**	**0.0687**		**0.0687**	**0.0687**	**0.0000**	**1,296.8664**	**1,296.8664**	**0.4111**		**1,307.1442**

3.7 P2 - Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.4462					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	**34.6651**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**		**281.4481**	**281.4481**	**0.0193**		**281.9309**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.4462					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3570	1.8324	2.9700e-003		0.0143	0.0143		0.0143	0.0143	0.0000	281.4481	281.4481	0.0193		281.9309
Total	**34.5056**	**1.3570**	**1.8324**	**2.9700e-003**		**0.0143**	**0.0143**		**0.0143**	**0.0143**	**0.0000**	**281.4481**	**281.4481**	**0.0193**		**281.9309**

3.8 P2 - Demolition (Portable 2) - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.9533	0.0000	0.9533	0.1444	0.0000	0.1444			0.0000			0.0000
Off-Road	1.6185	15.9050	9.9721	0.0179		0.8174	0.8174		0.7658	0.7658		1,720.9169	1,720.9169	0.3993		1,730.8998
Total	**1.6185**	**15.9050**	**9.9721**	**0.0179**	**0.9533**	**0.8174**	**1.7707**	**0.1444**	**0.7658**	**0.9102**		**1,720.9169**	**1,720.9169**	**0.3993**		**1,730.8998**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4075	0.0000	0.4075	0.0617	0.0000	0.0617			0.0000			0.0000
Off-Road	0.4102	8.6346	10.7313	0.0179		0.0713	0.0713		0.0713	0.0713	0.0000	1,720.9169	1,720.9169	0.3993		1,730.8998
Total	**0.4102**	**8.6346**	**10.7313**	**0.0179**	**0.4075**	**0.0713**	**0.4788**	**0.0617**	**0.0713**	**0.1330**	**0.0000**	**1,720.9169**	**1,720.9169**	**0.3993**		**1,730.8998**

3.9 P3 - Demolition (Portables 1, 3, and 4) - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.1093	0.0000	1.1093	0.1680	0.0000	0.1680			0.0000			0.0000
Off-Road	1.6185	15.9050	9.9721	0.0179		0.8174	0.8174		0.7658	0.7658		1,720.9169	1,720.9169	0.3993		1,730.8998
Total	**1.6185**	**15.9050**	**9.9721**	**0.0179**	**1.1093**	**0.8174**	**1.9267**	**0.1680**	**0.7658**	**0.9338**		**1,720.9169**	**1,720.9169**	**0.3993**		**1,730.8998**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4742	0.0000	0.4742	0.0718	0.0000	0.0718			0.0000			0.0000
Off-Road	0.4102	8.6346	10.7313	0.0179		0.0713	0.0713		0.0713	0.0713	0.0000	1,720.9169	1,720.9169	0.3993		1,730.8998
Total	**0.4102**	**8.6346**	**10.7313**	**0.0179**	**0.4742**	**0.0713**	**0.5455**	**0.0718**	**0.0713**	**0.1431**	**0.0000**	**1,720.9169**	**1,720.9169**	**0.3993**		**1,730.8998**

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.7000e-003	0.0154	0.0130	9.0000e-005		1.1700e-003	1.1700e-003		1.1700e-003	1.1700e-003		18.5289	18.5289	3.6000e-004	3.4000e-004	18.6390
NaturalGas Unmitigated	1.7000e-003	0.0154	0.0130	9.0000e-005		1.1700e-003	1.1700e-003		1.1700e-003	1.1700e-003		18.5289	18.5289	3.6000e-004	3.4000e-004	18.6390

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Elementary School	157.496	1.7000e-003	0.0154	0.0130	9.0000e-005		1.1700e-003	1.1700e-003		1.1700e-003	1.1700e-003		18.5289	18.5289	3.6000e-004	3.4000e-004	18.6390
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**1.7000e-003**	**0.0154**	**0.0130**	**9.0000e-005**		**1.1700e-003**	**1.1700e-003**		**1.1700e-003**	**1.1700e-003**		**18.5289**	**18.5289**	**3.6000e-004**	**3.4000e-004**	**18.6390**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Elementary School	0.157496	1.7000e-003	0.0154	0.0130	9.0000e-005		1.1700e-003	1.1700e-003		1.1700e-003	1.1700e-003		18.5289	18.5289	3.6000e-004	3.4000e-004	18.6390
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**1.7000e-003**	**0.0154**	**0.0130**	**9.0000e-005**		**1.1700e-003**	**1.1700e-003**		**1.1700e-003**	**1.1700e-003**		**18.5289**	**18.5289**	**3.6000e-004**	**3.4000e-004**	**18.6390**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.3986	1.0000e-005	1.4800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		3.1800e-003	3.1800e-003	1.0000e-005		3.3900e-003
Unmitigated	0.3986	1.0000e-005	1.4800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		3.1800e-003	3.1800e-003	1.0000e-005		3.3900e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0944					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.3040					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.4000e-004	1.0000e-005	1.4800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		3.1800e-003	3.1800e-003	1.0000e-005		3.3900e-003
Total	**0.3986**	**1.0000e-005**	**1.4800e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**3.1800e-003**	**3.1800e-003**	**1.0000e-005**		**3.3900e-003**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0944					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.3040					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.4000e-004	1.0000e-005	1.4800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		3.1800e-003	3.1800e-003	1.0000e-005		3.3900e-003
Total	**0.3986**	**1.0000e-005**	**1.4800e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**3.1800e-003**	**3.1800e-003**	**1.0000e-005**		**3.3900e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

5. CalEEMod Output
b. Modernization Construction

Franklin School - Modernization

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	24.43	1000sqft	0.63	24,433.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2022
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	458.58	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Assumptions

Land Use - See Assumptions

Construction Phase - See Assumptions

Off-road Equipment -

Off-road Equipment - See Assumptions

Trips and VMT - Modeled outside of CalEEMod

Demolition -

Grading -

Vehicle Trips - no new mobile source trips

Energy Use - See Assumptions

Water And Wastewater - See Assumptions

Solid Waste - See Assumptions

Construction Off-road Equipment Mitigation - See Assumptions

Energy Mitigation - See Assumptions

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstructionPhase	NumDays	5.00	100.00
tblConstructionPhase	NumDays	100.00	244.00
tblLandUse	LandUseSquareFeet	24,430.00	24,433.00
tblLandUse	LotAcreage	0.56	0.63
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	458.58
tblSolidWaste	SolidWasteGenerationRate	31.76	36.65
tblTripsAndVMT	VendorTripNumber	4.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	2.00	0.00
tblVehicleTrips	WD_TR	15.43	0.00
tblWater	AerobicPercent	87.46	97.54
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	2.46
tblWater	IndoorWaterUseRate	708,394.69	356,722.00
tblWater	OutdoorWaterUseRate	1,821,586.34	0.00
tblWater	SepticTankPercent	10.33	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	6.3379	4.8808	5.9997	9.7500e-003	0.0000	0.2880	0.2880	0.0000	0.2876	0.2876	0.0000	925.6541	925.6541	0.0842	0.0000	927.7601
Maximum	**6.3379**	**4.8808**	**5.9997**	**9.7500e-003**	**0.0000**	**0.2880**	**0.2880**	**0.0000**	**0.2876**	**0.2876**	**0.0000**	**925.6541**	**925.6541**	**0.0842**	**0.0000**	**927.7601**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	5.8614	4.5428	6.1345	9.7500e-003	0.0000	0.0478	0.0478	0.0000	0.0478	0.0478	0.0000	925.6541	925.6541	0.0842	0.0000	927.7601
Maximum	**5.8614**	**4.5428**	**6.1345**	**9.7500e-003**	**0.0000**	**0.0478**	**0.0478**	**0.0000**	**0.0478**	**0.0478**	**0.0000**	**925.6541**	**925.6541**	**0.0842**	**0.0000**	**927.7601**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**7.52**	**6.93**	**-2.25**	**0.00**	**0.00**	**83.42**	**83.42**	**0.00**	**83.39**	**83.39**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.6782	2.0000e-005	2.5000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.3500e-003	5.3500e-003	1.0000e-005		5.7000e-003
Energy	4.9700e-003	0.0452	0.0379	2.7000e-004		3.4300e-003	3.4300e-003		3.4300e-003	3.4300e-003		54.1818	54.1818	1.0400e-003	9.9000e-004	54.5038
Total	**0.6832**	**0.0452**	**0.0404**	**2.7000e-004**	**0.0000**	**3.4400e-003**	**3.4400e-003**	**0.0000**	**3.4400e-003**	**3.4400e-003**		**54.1872**	**54.1872**	**1.0500e-003**	**9.9000e-004**	**54.5095**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.6782	2.0000e-005	2.5000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.3500e-003	5.3500e-003	1.0000e-005		5.7000e-003
Energy	4.8700e-003	0.0443	0.0372	2.7000e-004		3.3700e-003	3.3700e-003		3.3700e-003	3.3700e-003		53.1738	53.1738	1.0200e-003	9.7000e-004	53.4898
Total	**0.6831**	**0.0443**	**0.0397**	**2.7000e-004**	**0.0000**	**3.3800e-003**	**3.3800e-003**	**0.0000**	**3.3800e-003**	**3.3800e-003**		**53.1791**	**53.1791**	**1.0300e-003**	**9.7000e-004**	**53.4955**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.01**	**1.86**	**1.76**	**0.00**	**0.00**	**1.74**	**1.74**	**0.00**	**1.74**	**1.74**	**0.00**	**1.86**	**1.86**	**1.90**	**2.02**	**1.86**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Construction	Building Construction	1/1/2021	12/8/2021	5	244	
2	Architectural Coating	Architectural Coating	6/1/2021	10/18/2021	5	100	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 36,650; Non-Residential Outdoor: 12,217; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Building Construction	Aerial Lifts	1	4.00	63	0.31
Building Construction	Air Compressors	2	6.00	78	0.48
Building Construction	Cranes	0	4.00	231	0.29
Building Construction	Forklifts	0	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

3.2 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4565	3.3540	4.1821	6.7800e-003		0.1939	0.1939		0.1935	0.1935		644.2060	644.2060	0.0649		645.8292
Total	**0.4565**	**3.3540**	**4.1821**	**6.7800e-003**		**0.1939**	**0.1939**		**0.1935**	**0.1935**		**644.2060**	**644.2060**	**0.0649**		**645.8292**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1395	3.1859	4.3021	6.7800e-003		0.0335	0.0335		0.0335	0.0335	0.0000	644.2060	644.2060	0.0649		645.8292
Total	**0.1395**	**3.1859**	**4.3021**	**6.7800e-003**		**0.0335**	**0.0335**		**0.0335**	**0.0335**	**0.0000**	**644.2060**	**644.2060**	**0.0649**		**645.8292**

3.3 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	5.6625					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	**5.8814**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**		**281.4481**	**281.4481**	**0.0193**		**281.9309**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	5.6625					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3570	1.8324	2.9700e-003		0.0143	0.0143		0.0143	0.0143	0.0000	281.4481	281.4481	0.0193		281.9309
Total	**5.7219**	**1.3570**	**1.8324**	**2.9700e-003**		**0.0143**	**0.0143**		**0.0143**	**0.0143**	**0.0000**	**281.4481**	**281.4481**	**0.0193**		**281.9309**

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	4.8700e-003	0.0443	0.0372	2.7000e-004		3.3700e-003	3.3700e-003		3.3700e-003	3.3700e-003		53.1738	53.1738	1.0200e-003	9.7000e-004	53.4898
NaturalGas Unmitigated	4.9700e-003	0.0452	0.0379	2.7000e-004		3.4300e-003	3.4300e-003		3.4300e-003	3.4300e-003		54.1818	54.1818	1.0400e-003	9.9000e-004	54.5038

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Elementary School	460.545	4.9700e-003	0.0452	0.0379	2.7000e-004		3.4300e-003	3.4300e-003		3.4300e-003	3.4300e-003		54.1818	54.1818	1.0400e-003	9.9000e-004	54.5038
Total		**4.9700e-003**	**0.0452**	**0.0379**	**2.7000e-004**		**3.4300e-003**	**3.4300e-003**		**3.4300e-003**	**3.4300e-003**		**54.1818**	**54.1818**	**1.0400e-003**	**9.9000e-004**	**54.5038**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Elementary School	0.451977	4.8700e-003	0.0443	0.0372	2.7000e-004		3.3700e-003	3.3700e-003		3.3700e-003	3.3700e-003		53.1738	53.1738	1.0200e-003	9.7000e-004	53.4898
Total		**4.8700e-003**	**0.0443**	**0.0372**	**2.7000e-004**		**3.3700e-003**	**3.3700e-003**		**3.3700e-003**	**3.3700e-003**		**53.1738**	**53.1738**	**1.0200e-003**	**9.7000e-004**	**53.4898**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.6782	2.0000e-005	2.5000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.3500e-003	5.3500e-003	1.0000e-005		5.7000e-003
Unmitigated	0.6782	2.0000e-005	2.5000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.3500e-003	5.3500e-003	1.0000e-005		5.7000e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1551					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5229					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.3000e-004	2.0000e-005	2.5000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.3500e-003	5.3500e-003	1.0000e-005		5.7000e-003
Total	**0.6782**	**2.0000e-005**	**2.5000e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**5.3500e-003**	**5.3500e-003**	**1.0000e-005**		**5.7000e-003**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1551					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5229					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.3000e-004	2.0000e-005	2.5000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.3500e-003	5.3500e-003	1.0000e-005		5.7000e-003
Total	**0.6782**	**2.0000e-005**	**2.5000e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**5.3500e-003**	**5.3500e-003**	**1.0000e-005**		**5.7000e-003**

Franklin School - Modernization

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	24.43	1000sqft	0.63	24,433.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2022
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	458.58	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Assumptions

Land Use - See Assumptions

Construction Phase - See Assumptions

Off-road Equipment -

Off-road Equipment - See Assumptions

Trips and VMT - Modeled outside of CalEEMod

Demolition -

Grading -

Vehicle Trips - no new mobile source trips

Energy Use - See Assumptions

Water And Wastewater - See Assumptions

Solid Waste - See Assumptions

Construction Off-road Equipment Mitigation - See Assumptions

Energy Mitigation - See Assumptions

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstructionPhase	NumDays	5.00	100.00
tblConstructionPhase	NumDays	100.00	244.00
tblLandUse	LandUseSquareFeet	24,430.00	24,433.00
tblLandUse	LotAcreage	0.56	0.63
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	458.58
tblSolidWaste	SolidWasteGenerationRate	31.76	36.65
tblTripsAndVMT	VendorTripNumber	4.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	2.00	0.00
tblVehicleTrips	WD_TR	15.43	0.00
tblWater	AerobicPercent	87.46	97.54
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	2.46
tblWater	IndoorWaterUseRate	708,394.69	356,722.00
tblWater	OutdoorWaterUseRate	1,821,586.34	0.00
tblWater	SepticTankPercent	10.33	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	6.3379	4.8808	5.9997	9.7500e-003	0.0000	0.2880	0.2880	0.0000	0.2876	0.2876	0.0000	925.6541	925.6541	0.0842	0.0000	927.7601
Maximum	**6.3379**	**4.8808**	**5.9997**	**9.7500e-003**	**0.0000**	**0.2880**	**0.2880**	**0.0000**	**0.2876**	**0.2876**	**0.0000**	**925.6541**	**925.6541**	**0.0842**	**0.0000**	**927.7601**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	5.8614	4.5428	6.1345	9.7500e-003	0.0000	0.0478	0.0478	0.0000	0.0478	0.0478	0.0000	925.6541	925.6541	0.0842	0.0000	927.7601
Maximum	**5.8614**	**4.5428**	**6.1345**	**9.7500e-003**	**0.0000**	**0.0478**	**0.0478**	**0.0000**	**0.0478**	**0.0478**	**0.0000**	**925.6541**	**925.6541**	**0.0842**	**0.0000**	**927.7601**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**7.52**	**6.93**	**-2.25**	**0.00**	**0.00**	**83.42**	**83.42**	**0.00**	**83.39**	**83.39**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.6782	2.0000e-005	2.5000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.3500e-003	5.3500e-003	1.0000e-005		5.7000e-003
Energy	4.9700e-003	0.0452	0.0379	2.7000e-004		3.4300e-003	3.4300e-003		3.4300e-003	3.4300e-003		54.1818	54.1818	1.0400e-003	9.9000e-004	54.5038
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.6832**	**0.0452**	**0.0404**	**2.7000e-004**	**0.0000**	**3.4400e-003**	**3.4400e-003**	**0.0000**	**3.4400e-003**	**3.4400e-003**		**54.1872**	**54.1872**	**1.0500e-003**	**9.9000e-004**	**54.5095**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.6782	2.0000e-005	2.5000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.3500e-003	5.3500e-003	1.0000e-005		5.7000e-003
Energy	4.8700e-003	0.0443	0.0372	2.7000e-004		3.3700e-003	3.3700e-003		3.3700e-003	3.3700e-003		53.1738	53.1738	1.0200e-003	9.7000e-004	53.4898
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.6831**	**0.0443**	**0.0397**	**2.7000e-004**	**0.0000**	**3.3800e-003**	**3.3800e-003**	**0.0000**	**3.3800e-003**	**3.3800e-003**		**53.1791**	**53.1791**	**1.0300e-003**	**9.7000e-004**	**53.4955**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.01**	**1.86**	**1.76**	**0.00**	**0.00**	**1.74**	**1.74**	**0.00**	**1.74**	**1.74**	**0.00**	**1.86**	**1.86**	**1.90**	**2.02**	**1.86**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Construction	Building Construction	1/1/2021	12/8/2021	5	244	
2	Architectural Coating	Architectural Coating	6/1/2021	10/18/2021	5	100	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 36,650; Non-Residential Outdoor: 12,217; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Building Construction	Aerial Lifts	1	4.00	63	0.31
Building Construction	Air Compressors	2	6.00	78	0.48
Building Construction	Cranes	0	4.00	231	0.29
Building Construction	Forklifts	0	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

3.2 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4565	3.3540	4.1821	6.7800e-003		0.1939	0.1939		0.1935	0.1935		644.2060	644.2060	0.0649		645.8292
Total	**0.4565**	**3.3540**	**4.1821**	**6.7800e-003**		**0.1939**	**0.1939**		**0.1935**	**0.1935**		**644.2060**	**644.2060**	**0.0649**		**645.8292**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1395	3.1859	4.3021	6.7800e-003		0.0335	0.0335		0.0335	0.0335	0.0000	644.2060	644.2060	0.0649		645.8292
Total	**0.1395**	**3.1859**	**4.3021**	**6.7800e-003**		**0.0335**	**0.0335**		**0.0335**	**0.0335**	**0.0000**	**644.2060**	**644.2060**	**0.0649**		**645.8292**

3.3 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	5.6625					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	**5.8814**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**		**281.4481**	**281.4481**	**0.0193**		**281.9309**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	5.6625					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3570	1.8324	2.9700e-003		0.0143	0.0143		0.0143	0.0143	0.0000	281.4481	281.4481	0.0193		281.9309
Total	**5.7219**	**1.3570**	**1.8324**	**2.9700e-003**		**0.0143**	**0.0143**		**0.0143**	**0.0143**	**0.0000**	**281.4481**	**281.4481**	**0.0193**		**281.9309**

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	4.8700e-003	0.0443	0.0372	2.7000e-004		3.3700e-003	3.3700e-003		3.3700e-003	3.3700e-003		53.1738	53.1738	1.0200e-003	9.7000e-004	53.4898
NaturalGas Unmitigated	4.9700e-003	0.0452	0.0379	2.7000e-004		3.4300e-003	3.4300e-003		3.4300e-003	3.4300e-003		54.1818	54.1818	1.0400e-003	9.9000e-004	54.5038

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Elementary School	460.545	4.9700e-003	0.0452	0.0379	2.7000e-004		3.4300e-003	3.4300e-003		3.4300e-003	3.4300e-003		54.1818	54.1818	1.0400e-003	9.9000e-004	54.5038
Total		**4.9700e-003**	**0.0452**	**0.0379**	**2.7000e-004**		**3.4300e-003**	**3.4300e-003**		**3.4300e-003**	**3.4300e-003**		**54.1818**	**54.1818**	**1.0400e-003**	**9.9000e-004**	**54.5038**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Elementary School	0.451977	4.8700e-003	0.0443	0.0372	2.7000e-004		3.3700e-003	3.3700e-003		3.3700e-003	3.3700e-003		53.1738	53.1738	1.0200e-003	9.7000e-004	53.4898
Total		**4.8700e-003**	**0.0443**	**0.0372**	**2.7000e-004**		**3.3700e-003**	**3.3700e-003**		**3.3700e-003**	**3.3700e-003**		**53.1738**	**53.1738**	**1.0200e-003**	**9.7000e-004**	**53.4898**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.6782	2.0000e-005	2.5000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.3500e-003	5.3500e-003	1.0000e-005		5.7000e-003
Unmitigated	0.6782	2.0000e-005	2.5000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.3500e-003	5.3500e-003	1.0000e-005		5.7000e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1551					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5229					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.3000e-004	2.0000e-005	2.5000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.3500e-003	5.3500e-003	1.0000e-005		5.7000e-003
Total	**0.6782**	**2.0000e-005**	**2.5000e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**5.3500e-003**	**5.3500e-003**	**1.0000e-005**		**5.7000e-003**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1551					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5229					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.3000e-004	2.0000e-005	2.5000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.3500e-003	5.3500e-003	1.0000e-005		5.7000e-003
Total	**0.6782**	**2.0000e-005**	**2.5000e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**5.3500e-003**	**5.3500e-003**	**1.0000e-005**		**5.7000e-003**

5. CalEEMod Output
c. Existing Operation

Franklin School - Existing Conditions - San Diego County, Winter

Franklin School - Existing Conditions

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	35.17	1000sqft	4.00	35,170.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2019
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	468.55	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Assumptions

Land Use - See Assumptions

Construction Phase - No Construction

Off-road Equipment - no construction

Trips and VMT - no construction

Vehicle Trips - no new trips

Energy Use - Historical data used due to age of buildings

Water And Wastewater - See Assumptions

Solid Waste - See Assumptions

Table Name	Column Name	Default Value	New Value
tblLandUse	LotAcreage	0.81	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	468.55
tblSolidWaste	SolidWasteGenerationRate	45.72	52.75
tblTripsAndVMT	WorkerTripNumber	3.00	0.00
tblVehicleTrips	WD_TR	15.43	0.00
tblWater	AerobicPercent	87.46	97.54
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	2.46
tblWater	IndoorWaterUseRate	1,019,821.58	513,453.00
tblWater	OutdoorWaterUseRate	2,622,398.34	0.00
tblWater	SepticTankPercent	10.33	0.00

2.0 Emissions Summary

No Construction

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.9763	3.0000e-005	3.6300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.7000e-003	7.7000e-003	2.0000e-005		8.2200e-003
Energy	7.1500e-003	0.0650	0.0546	3.9000e-004		4.9400e-003	4.9400e-003		4.9400e-003	4.9400e-003		77.9918	77.9918	1.4900e-003	1.4300e-003	78.4553
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.9834**	**0.0650**	**0.0582**	**3.9000e-004**	**0.0000**	**4.9500e-003**	**4.9500e-003**	**0.0000**	**4.9500e-003**	**4.9500e-003**		**77.9995**	**77.9995**	**1.5100e-003**	**1.4300e-003**	**78.4635**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.9763	3.0000e-005	3.6300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.7000e-003	7.7000e-003	2.0000e-005		8.2200e-003
Energy	7.1500e-003	0.0650	0.0546	3.9000e-004		4.9400e-003	4.9400e-003		4.9400e-003	4.9400e-003		77.9918	77.9918	1.4900e-003	1.4300e-003	78.4553
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.9834**	**0.0650**	**0.0582**	**3.9000e-004**	**0.0000**	**4.9500e-003**	**4.9500e-003**	**0.0000**	**4.9500e-003**	**4.9500e-003**		**77.9995**	**77.9995**	**1.5100e-003**	**1.4300e-003**	**78.4635**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

No Construction

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Elementary School	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Elementary School	9.50	7.30	7.30	65.00	30.00	5.00	63	25	12

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Elementary School	0.581689	0.044135	0.186694	0.113515	0.018244	0.005600	0.015197	0.022573	0.001888	0.002088	0.006279	0.000742	0.001357

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	7.1500e-003	0.0650	0.0546	3.9000e-004		4.9400e-003	4.9400e-003		4.9400e-003	4.9400e-003		77.9918	77.9918	1.4900e-003	1.4300e-003	78.4553
NaturalGas Unmitigated	7.1500e-003	0.0650	0.0546	3.9000e-004		4.9400e-003	4.9400e-003		4.9400e-003	4.9400e-003		77.9918	77.9918	1.4900e-003	1.4300e-003	78.4553

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Elementary School	662.93	7.1500e-003	0.0650	0.0546	3.9000e-004		4.9400e-003	4.9400e-003		4.9400e-003	4.9400e-003		77.9918	77.9918	1.4900e-003	1.4300e-003	78.4553
Total		**7.1500e-003**	**0.0650**	**0.0546**	**3.9000e-004**		**4.9400e-003**	**4.9400e-003**		**4.9400e-003**	**4.9400e-003**		**77.9918**	**77.9918**	**1.4900e-003**	**1.4300e-003**	**78.4553**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Elementary School	0.66293	7.1500e-003	0.0650	0.0546	3.9000e-004		4.9400e-003	4.9400e-003		4.9400e-003	4.9400e-003		77.9918	77.9918	1.4900e-003	1.4300e-003	78.4553
Total		**7.1500e-003**	**0.0650**	**0.0546**	**3.9000e-004**		**4.9400e-003**	**4.9400e-003**		**4.9400e-003**	**4.9400e-003**		**77.9918**	**77.9918**	**1.4900e-003**	**1.4300e-003**	**78.4553**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.9763	3.0000e-005	3.6300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.7000e-003	7.7000e-003	2.0000e-005		8.2200e-003
Unmitigated	0.9763	3.0000e-005	3.6300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.7000e-003	7.7000e-003	2.0000e-005		8.2200e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2233					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.7526					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.4000e-004	3.0000e-005	3.6300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.7000e-003	7.7000e-003	2.0000e-005		8.2200e-003
Total	**0.9763**	**3.0000e-005**	**3.6300e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**7.7000e-003**	**7.7000e-003**	**2.0000e-005**		**8.2200e-003**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

SubCategory	lb/day										lb/day					
Architectural Coating	0.2233					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.7526					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.4000e-004	3.0000e-005	3.6300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.7000e-003	7.7000e-003	2.0000e-005		8.2200e-003
Total	**0.9763**	**3.0000e-005**	**3.6300e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**7.7000e-003**	**7.7000e-003**	**2.0000e-005**		**8.2200e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Franklin School - Existing Conditions

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	35.17	1000sqft	4.00	35,170.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2019
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	468.55	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Assumptions

Land Use - See Assumptions

Construction Phase - No Construction

Off-road Equipment - no construction

Trips and VMT - no construction

Vehicle Trips - no new trips

Energy Use - Historical data used due to age of buildings

Water And Wastewater - See Assumptions

Solid Waste - See Assumptions

Table Name	Column Name	Default Value	New Value
tblLandUse	LotAcreage	0.81	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	468.55
tblSolidWaste	SolidWasteGenerationRate	45.72	52.75
tblTripsAndVMT	WorkerTripNumber	3.00	0.00
tblVehicleTrips	WD_TR	15.43	0.00
tblWater	AerobicPercent	87.46	97.54
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	2.46
tblWater	IndoorWaterUseRate	1,019,821.58	513,453.00
tblWater	OutdoorWaterUseRate	2,622,398.34	0.00
tblWater	SepticTankPercent	10.33	0.00

2.0 Emissions Summary

No Construction

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.9763	3.0000e-005	3.6300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.7000e-003	7.7000e-003	2.0000e-005		8.2200e-003
Energy	7.1500e-003	0.0650	0.0546	3.9000e-004		4.9400e-003	4.9400e-003		4.9400e-003	4.9400e-003		77.9918	77.9918	1.4900e-003	1.4300e-003	78.4553
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.9834**	**0.0650**	**0.0582**	**3.9000e-004**	**0.0000**	**4.9500e-003**	**4.9500e-003**	**0.0000**	**4.9500e-003**	**4.9500e-003**		**77.9995**	**77.9995**	**1.5100e-003**	**1.4300e-003**	**78.4635**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.9763	3.0000e-005	3.6300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.7000e-003	7.7000e-003	2.0000e-005		8.2200e-003
Energy	7.1500e-003	0.0650	0.0546	3.9000e-004		4.9400e-003	4.9400e-003		4.9400e-003	4.9400e-003		77.9918	77.9918	1.4900e-003	1.4300e-003	78.4553
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.9834**	**0.0650**	**0.0582**	**3.9000e-004**	**0.0000**	**4.9500e-003**	**4.9500e-003**	**0.0000**	**4.9500e-003**	**4.9500e-003**		**77.9995**	**77.9995**	**1.5100e-003**	**1.4300e-003**	**78.4635**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

No Construction

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Elementary School	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-...	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Elementary School	9.50	7.30	7.30	65.00	30.00	5.00	63	25	12

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Elementary School	0.581689	0.044135	0.186694	0.113515	0.018244	0.005600	0.015197	0.022573	0.001888	0.002088	0.006279	0.000742	0.001357

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	7.1500e-003	0.0650	0.0546	3.9000e-004		4.9400e-003	4.9400e-003		4.9400e-003	4.9400e-003		77.9918	77.9918	1.4900e-003	1.4300e-003	78.4553

NaturalGas Unmitigated	7.1500e-003	0.0650	0.0546	3.9000e-004		4.9400e-003	4.9400e-003		4.9400e-003	4.9400e-003		77.9918	77.9918	1.4900e-003	1.4300e-003	78.4553

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Elementary School	662.93	7.1500e-003	0.0650	0.0546	3.9000e-004		4.9400e-003	4.9400e-003		4.9400e-003	4.9400e-003		77.9918	77.9918	1.4900e-003	1.4300e-003	78.4553
Total		**7.1500e-003**	**0.0650**	**0.0546**	**3.9000e-004**		**4.9400e-003**	**4.9400e-003**		**4.9400e-003**	**4.9400e-003**		**77.9918**	**77.9918**	**1.4900e-003**	**1.4300e-003**	**78.4553**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Elementary School	0.66293	7.1500e-003	0.0650	0.0546	3.9000e-004		4.9400e-003	4.9400e-003		4.9400e-003	4.9400e-003		77.9918	77.9918	1.4900e-003	1.4300e-003	78.4553
Total		**7.1500e-003**	**0.0650**	**0.0546**	**3.9000e-004**		**4.9400e-003**	**4.9400e-003**		**4.9400e-003**	**4.9400e-003**		**77.9918**	**77.9918**	**1.4900e-003**	**1.4300e-003**	**78.4553**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.9763	3.0000e-005	3.6300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.7000e-003	7.7000e-003	2.0000e-005		8.2200e-003
Unmitigated	0.9763	3.0000e-005	3.6300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.7000e-003	7.7000e-003	2.0000e-005		8.2200e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2233					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.7526					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.4000e-004	3.0000e-005	3.6300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.7000e-003	7.7000e-003	2.0000e-005		8.2200e-003
Total	**0.9763**	**3.0000e-005**	**3.6300e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**7.7000e-003**	**7.7000e-003**	**2.0000e-005**		**8.2200e-003**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

SubCategory	lb/day										lb/day					
Architectural Coating	0.2233					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.7526					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.4000e-004	3.0000e-005	3.6300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.7000e-003	7.7000e-003	2.0000e-005		8.2200e-003
Total	**0.9763**	**3.0000e-005**	**3.6300e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**7.7000e-003**	**7.7000e-003**	**2.0000e-005**		**8.2200e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

6. EMFAC2017
a. Construction On-Road Emissions 2020

Franklin School

2021 Total On-Road Emissions

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Idling per Day (minutes)
P1 - Portable Classrooms					
Total Haul Trips	10				
Hauling	3	14	8	20	15
Vendor	0	14	8	7.3	15
Worker	16	14	8	10.8	0
P1 - Site Mod					
Total Haul Trips	0				
Hauling	0	14	8	20	15
Vendor	4	14	8	7.3	15
Worker	20	14	8	10.8	0
P1 - Demolition					
Total Haul Trips	205				
Hauling	31	20	8	20	15
Vendor	0	20	8	7.3	15
Worker	13	20	8	10.8	0
P2 - Grading					
Total Haul Trips	0				
Hauling	0	5	8	20	15
Vendor	0	5	8	7.3	15
Worker	8	5	8	10.8	0
P2 - Site Mod					
Total Haul Trips	0				
Hauling	0	25	8	20	15
Vendor	4	25	8	7.3	15
Worker	20	25	8	10.8	0
P2 - Buliding Construction					
Total Haul Trips	0				
Hauling	0	200	8	20	15
Vendor	10	200	8	7.3	15
Worker	26	200	8	10.8	0
P2 - Paving					
Total Haul Trips	0				
Hauling	0	10	8	20	15
Vendor	0	10	8	7.3	15
Worker	13	10	8	10.8	0
P2 - Architectural Coating					
Total Haul Trips	0				
Hauling	0	10	8	20	15
Vendor	0	10	8	7.3	15
Worker	5	10	8	10.8	0
P2 - Demolition (Portable 2)					
Total Haul Trips	6				
Hauling	3	2	8	20	15
Vendor	0	2	8	7.3	15
Worker	8	2	8	10.8	0
P3 - Site Mod					
Total Haul Trips	0				
Hauling	0	205	8	20	15
Vendor	4	205	8	7.3	15
Worker	20	205	8	10.8	0
P3 - Site Mod Arch Coating					
Total Haul Trips	0				
Hauling	0	100	8	20	15
Vendor	0	100	8	7.3	15
Worker	4	100	8	10.8	0
P3 - Demolition (Portables 1, 3, 4, and 5)					
Total Haul Trips	15				
Hauling	3	5	8	20	15
Vendor	0	5	8	7.3	15
Worker	8	5	8	10.8	0

Franklin School

2021 Total On-Road Emissions

Construction Phase	Regional Emissions (pounds/day)										(MT/yr)
	ROG	NOX	CO	SO2	PM10 Dust	PM10 Exh	Total PM10	PM2.5 Dust	PM2.5 Exh	Total PM2.5	Total CO2e
P1 - Portable Classrooms											
Total Haul Trips											
Hauling	2.05E-02	5.65E-01	1.22E-01	1.91E-03	5.24E-02	8.51E-03	6.09E-02	1.44E-02	5.42E-03	1.98E-02	1.39E+00
Vendor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Worker	6.88E-03	2.85E-02	3.36E-01	1.15E-03	1.31E-01	7.05E-04	1.32E-01	3.48E-02	6.49E-04	3.54E-02	7.41E-01
P1 - Site Mod											
Total Haul Trips											
Hauling	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vendor	1.19E-02	2.38E-01	6.74E-02	8.46E-04	2.70E-02	4.41E-03	3.14E-02	7.76E-03	3.56E-03	1.13E-02	6.03E-01
Worker	8.60E-03	3.56E-02	4.20E-01	1.43E-03	1.64E-01	8.81E-04	1.65E-01	4.35E-02	8.11E-04	4.43E-02	9.26E-01
P1 - Demolition											
Total Haul Trips											
Hauling	2.12E-01	5.84E+00	1.26E+00	1.97E-02	5.42E-01	8.79E-02	6.29E-01	1.48E-01	5.60E-02	2.04E-01	2.05E+01
Vendor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Worker	5.59E-03	2.31E-02	2.73E-01	9.32E-04	1.07E-01	5.72E-04	1.07E-01	2.83E-02	5.27E-04	2.88E-02	8.60E-01
P2 - Grading											
Total Haul Trips											
Hauling	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vendor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Worker	3.44E-03	1.42E-02	1.68E-01	5.73E-04	6.56E-02	3.52E-04	6.60E-02	1.74E-02	3.24E-04	1.77E-02	1.32E-01
P2 - Site Mod											
Total Haul Trips											
Hauling	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vendor	1.19E-02	2.38E-01	6.74E-02	8.46E-04	2.70E-02	4.41E-03	3.14E-02	7.76E-03	3.56E-03	1.13E-02	1.08E+00
Worker	8.60E-03	3.56E-02	4.20E-01	1.43E-03	1.64E-01	8.81E-04	1.65E-01	4.35E-02	8.11E-04	4.43E-02	1.65E+00
P2 - Buliding Construction											
Total Haul Trips											
Hauling	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vendor	2.98E-02	5.96E-01	1.68E-01	2.12E-03	6.75E-02	1.10E-02	7.85E-02	1.94E-02	8.90E-03	2.83E-02	2.15E+01
Worker	1.12E-02	4.63E-02	5.46E-01	1.86E-03	2.13E-01	1.14E-03	2.14E-01	5.66E-02	1.05E-03	5.76E-02	1.72E+01
P2 - Paving											
Total Haul Trips											
Hauling	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vendor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Worker	5.59E-03	2.31E-02	2.73E-01	9.32E-04	1.07E-01	5.72E-04	1.07E-01	2.83E-02	5.27E-04	2.88E-02	4.30E-01
P2 - Architectural Coating											
Total Haul Trips											
Hauling	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vendor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Worker	2.15E-03	8.90E-03	1.05E-01	3.58E-04	4.10E-02	2.20E-04	4.12E-02	1.09E-02	2.03E-04	1.11E-02	1.65E-01
P2 - Demolition (Portable 2)											
Total Haul Trips											
Hauling	2.05E-02	5.65E-01	1.22E-01	1.91E-03	5.24E-02	8.51E-03	6.09E-02	1.44E-02	5.42E-03	1.98E-02	1.99E-01
Vendor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Worker	3.44E-03	1.42E-02	1.68E-01	5.73E-04	6.56E-02	3.52E-04	6.60E-02	1.74E-02	3.24E-04	1.77E-02	5.29E-02
P3 - Site Mod											
Total Haul Trips											
Hauling	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vendor	1.19E-02	2.38E-01	6.74E-02	8.46E-04	2.70E-02	4.41E-03	3.14E-02	7.76E-03	3.56E-03	1.13E-02	8.83E+00
Worker	8.60E-03	3.56E-02	4.20E-01	1.43E-03	1.64E-01	8.81E-04	1.65E-01	4.35E-02	8.11E-04	4.43E-02	1.36E+01
P3 - Site Mod Arch Coating											
Total Haul Trips											
Hauling	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vendor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Worker	1.72E-03	7.12E-03	8.40E-02	2.87E-04	3.28E-02	1.76E-04	3.30E-02	8.70E-03	1.62E-04	8.86E-03	1.32E+00
P3 - Demolition (Portables 1, 3, 4											
Total Haul Trips											
Hauling	2.05E-02	5.65E-01	1.22E-01	1.91E-03	5.24E-02	8.51E-03	6.09E-02	1.44E-02	5.42E-03	1.98E-02	4.97E-01
Vendor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Worker	3.44E-03	1.42E-02	1.68E-01	5.73E-04	6.56E-02	3.52E-04	6.60E-02	1.74E-02	3.24E-04	1.77E-02	1.32E-01

Franklin School
2021 Running Emissions

	Running Emissions Factor (grams/mile)					
	ROG	**NOX**	**CO**	**SO2**	**PM10**	**PM2.5**
Hauling	0.14116338	4.084471031	0.7454088	0.01408842	0.06403219	0.04071654
Vendor	0.16521431	3.416108421	0.78445173	0.01268151	0.06808103	0.05485915
Worker	0.01804962	0.07473613	0.88219509	0.0030099	0.00184949	0.0017034
GWP	N/A	N/A	N/A	N/A	N/A	N/A

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day)					
					ROG	**NOX**	**CO**	**SO2**	**PM10**	**PM2.5**
P1 - Portable Classrooms										
Total Haul Trips	10									
Hauling	3	14	8	20	0.02	0.54	0.10	0.00	0.01	0.01
Vendor	0	14	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	16	14	8	10.8	0.01	0.03	0.34	0.00	0.00	0.00
P1 - Site Mod										
Total Haul Trips	0									
Hauling	0	14	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	4	14	8	7.3	0.01	0.22	0.05	0.00	0.00	0.00
Worker	20	14	8	10.8	0.01	0.04	0.42	0.00	0.00	0.00
P1 - Demolition										
Total Haul Trips	205									
Hauling	31	20	8	20	0.19	5.58	1.02	0.02	0.09	0.06
Vendor	0	20	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	13	20	8	10.8	0.01	0.02	0.27	0.00	0.00	0.00
P2 - Grading										
Total Haul Trips	0									
Hauling	0	5	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	5	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	8	5	8	10.8	0.00	0.01	0.17	0.00	0.00	0.00

Franklin School
2021 Running Emissions

	Running Emissions Factor (grams/mile)					
	ROG	NOX	CO	SO2	PM10	PM2.5
Hauling	0.14116338	4.084471031	0.7454088	0.01408842	0.06403219	0.04071654
Vendor	0.16521431	3.416108421	0.78445173	0.01268151	0.06808103	0.05485915
Worker	0.01804962	0.07473613	0.88219509	0.0030099	0.00184949	0.0017034
GWP	N/A	N/A	N/A	N/A	N/A	N/A

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day)					
					ROG	NOX	CO	SO2	PM10	PM2.5
P2 - Site Mod										
Total Haul Trips	0									
Hauling	0	25	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	4	25	8	7.3	0.01	0.22	0.05	0.00	0.00	0.00
Worker	20	25	8	10.8	0.01	0.04	0.42	0.00	0.00	0.00
P2 - Buliding Construction										
Total Haul Trips	0									
Hauling	0	200	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	10	200	8	7.3	0.03	0.55	0.13	0.00	0.01	0.01
Worker	26	200	8	10.8	0.01	0.05	0.55	0.00	0.00	0.00
P2 - Paving										
Total Haul Trips	0									
Hauling	0	10	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	10	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	13	10	8	10.8	0.01	0.02	0.27	0.00	0.00	0.00
P2 - Architectural Coating										
Total Haul Trips	0									
Hauling	0	10	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	10	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	5	10	8	10.8	0.00	0.01	0.11	0.00	0.00	0.00

Franklin School
2021 Running Emissions

	Running Emissions Factor (grams/mile)					
	ROG	NOX	CO	SO2	PM10	PM2.5
Hauling	0.14116338	4.084471031	0.7454088	0.01408842	0.06403219	0.04071654
Vendor	0.16521431	3.416108421	0.78445173	0.01268151	0.06808103	0.05485915
Worker	0.01804962	0.07473613	0.88219509	0.0030099	0.00184949	0.0017034
GWP	N/A	N/A	N/A	N/A	N/A	N/A

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5
P2 - Demolition (Portable 2)										
Total Haul Trips	6									
Hauling	3	2	8	20	0.02	0.54	0.10	0.00	0.01	0.01
Vendor	0	2	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	8	2	8	10.8	0.00	0.01	0.17	0.00	0.00	0.00
P3 - Site Mod										
Total Haul Trips	0									
Hauling	0	205	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	4	205	8	7.3	0.01	0.22	0.05	0.00	0.00	0.00
Worker	20	205	8	10.8	0.01	0.04	0.42	0.00	0.00	0.00
P3 - Site Mod Arch Coating										
Total Haul Trips	0									
Hauling	0	100	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	100	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	4	100	8	10.8	0.00	0.01	0.08	0.00	0.00	0.00
P3 - Demolition (Portables 1, 3, 4, and 5)										
Total Haul Trips	15									
Hauling	3	5	8	20	0.02	0.54	0.10	0.00	0.01	0.01
Vendor	0	5	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	8	5	8	10.8	0.00	0.01	0.17	0.00	0.00	0.00

Franklin School
2021 Running Emissions

	Running Emissions Factor (grams/mile)		
	CO2	CH4	N2O
Hauling	1546.96313	0.07388885	0.24557044
Vendor	1363.94864	0.0424745	0.19704638
Worker	304.239994	0.00431097	0.00670332
GWP	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
P1 - Portable Classrooms								
Total Haul Trips	10							
Hauling	3	14	8	20	1.30	0.00	0.06	1.36
Vendor	0	14	8	7.3	0.00	0.00	0.00	0.00
Worker	16	14	8	10.8	0.74	0.00	0.00	0.74
P1 - Site Mod								
Total Haul Trips	0							
Hauling	0	14	8	20	0.00	0.00	0.00	0.00
Vendor	4	14	8	7.3	0.56	0.00	0.02	0.58
Worker	20	14	8	10.8	0.92	0.00	0.01	0.93
P1 - Demolition								
Total Haul Trips	205							
Hauling	31	20	8	20	19.18	0.02	0.88	20.09
Vendor	0	20	8	7.3	0.00	0.00	0.00	0.00
Worker	13	20	8	10.8	0.85	0.00	0.01	0.86
P2 - Grading								
Total Haul Trips	0							
Hauling	0	5	8	20	0.00	0.00	0.00	0.00
Vendor	0	5	8	7.3	0.00	0.00	0.00	0.00
Worker	8	5	8	10.8	0.13	0.00	0.00	0.13

Franklin School
2021 Running Emissions

	Running Emissions Factor (grams/mile)		
	CO2	CH4	N2O
Hauling	1546.96313	0.07388885	0.24557044
Vendor	1363.94864	0.0424745	0.19704638
Worker	304.239994	0.00431097	0.00670332
GWP	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
P2 - Site Mod								
Total Haul Trips	0							
Hauling	0	25	8	20	0.00	0.00	0.00	0.00
Vendor	4	25	8	7.3	1.00	0.00	0.04	1.04
Worker	20	25	8	10.8	1.64	0.00	0.01	1.65
P2 - Buliding Construction								
Total Haul Trips	0							
Hauling	0	200	8	20	0.00	0.00	0.00	0.00
Vendor	10	200	8	7.3	19.91	0.02	0.83	20.76
Worker	26	200	8	10.8	17.09	0.01	0.11	17.20
P2 - Paving								
Total Haul Trips	0							
Hauling	0	10	8	20	0.00	0.00	0.00	0.00
Vendor	0	10	8	7.3	0.00	0.00	0.00	0.00
Worker	13	10	8	10.8	0.43	0.00	0.00	0.43
P2 - Architectural Coating								
Total Haul Trips	0							
Hauling	0	10	8	20	0.00	0.00	0.00	0.00
Vendor	0	10	8	7.3	0.00	0.00	0.00	0.00
Worker	5	10	8	10.8	0.16	0.00	0.00	0.17

Franklin School
2021 Running Emissions

	Running Emissions Factor (grams/mile)		
	CO2	CH4	N2O
Hauling	1546.96313	0.07388885	0.24557044
Vendor	1363.94864	0.0424745	0.19704638
Worker	304.239994	0.00431097	0.00670332
GWP	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
P2 - Demolition (Portable 2)								
Total Haul Trips	6							
Hauling	3	2	8	20	0.19	0.00	0.01	0.19
Vendor	0	2	8	7.3	0.00	0.00	0.00	0.00
Worker	8	2	8	10.8	0.05	0.00	0.00	0.05
P3 - Site Mod								
Total Haul Trips	0							
Hauling	0	205	8	20	0.00	0.00	0.00	0.00
Vendor	4	205	8	7.3	8.16	0.01	0.34	8.51
Worker	20	205	8	10.8	13.47	0.00	0.09	13.56
P3 - Site Mod Arch Coating								
Total Haul Trips	0							
Hauling	0	100	8	20	0.00	0.00	0.00	0.00
Vendor	0	100	8	7.3	0.00	0.00	0.00	0.00
Worker	4	100	8	10.8	1.31	0.00	0.01	1.32
P3 - Demolition (Portables 1, 3, 4, and 5)								
Total Haul Trips	15							
Hauling	3	5	8	20	0.46	0.00	0.02	0.49
Vendor	0	5	8	7.3	0.00	0.00	0.00	0.00
Worker	8	5	8	10.8	0.13	0.00	0.00	0.13

Franklin School
2021 Idling Emissions

	Idling Emissions Factor (grams/minute)					
	ROG	**NOX**	**CO**	**SO2**	**PM10**	**PM2.5**
Hauling	0.01829615	0.249054753	0.23890001	0.00042228	0.00039153	0.0003746
Vendor	0.00962411	0.139414096	0.12759777	0.0002273	0.00023854	0.00022822
Worker	0	0.000000	0	0	0	0
GWP	N/A	N/A	N/A	N/A	N/A	N/A

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (pounds/day)					
					ROG	**NOX**	**CO**	**SO2**	**PM10**	**PM2.5**
P1 - Portable Classrooms										
Total Haul Trips	10									
Hauling	3	14	8	15	0.00	0.02	0.02	0.00	0.00	0.00
Vendor	0	14	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Worker	16	14	8	0	0.00	0.00	0.00	0.00	0.00	0.00
P1 - Site Mod										
Total Haul Trips	0									
Hauling	0	14	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	4	14	8	15	0.00	0.02	0.02	0.00	0.00	0.00
Worker	20	14	8	0	0.00	0.00	0.00	0.00	0.00	0.00
P1 - Demolition										
Total Haul Trips	205									
Hauling	31	20	8	15	0.02	0.26	0.24	0.00	0.00	0.00
Vendor	0	20	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Worker	13	20	8	0	0.00	0.00	0.00	0.00	0.00	0.00
P2 - Grading										
Total Haul Trips	0									
Hauling	0	5	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	5	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Worker	8	5	8	0	0.00	0.00	0.00	0.00	0.00	0.00

Franklin School
2021 Idling Emissions

	Idling Emissions Factor (grams/minute)					
	ROG	**NOX**	**CO**	**SO2**	**PM10**	**PM2.5**
Hauling	0.01829615	0.249054753	0.23890001	0.00042228	0.00039153	0.0003746
Vendor	0.00962411	0.139414096	0.12759777	0.0002273	0.00023854	0.00022822
Worker	0	0.000000	0	0	0	0
GWP	N/A	N/A	N/A	N/A	N/A	N/A

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (pounds/day)					
					ROG	**NOX**	**CO**	**SO2**	**PM10**	**PM2.5**
P2 - Site Mod										
Total Haul Trips	0									
Hauling	0	25	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	4	25	8	15	0.00	0.02	0.02	0.00	0.00	0.00
Worker	20	25	8	0	0.00	0.00	0.00	0.00	0.00	0.00
P2 - Buliding Construction										
Total Haul Trips	0									
Hauling	0	200	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	10	200	8	15	0.00	0.05	0.04	0.00	0.00	0.00
Worker	26	200	8	0	0.00	0.00	0.00	0.00	0.00	0.00
P2 - Paving										
Total Haul Trips	0									
Hauling	0	10	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	10	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Worker	13	10	8	0	0.00	0.00	0.00	0.00	0.00	0.00
P2 - Architectural Coating										
Total Haul Trips	0									
Hauling	0	10	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	10	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Worker	5	10	8	0	0.00	0.00	0.00	0.00	0.00	0.00

Franklin School
2021 Idling Emissions

	Idling Emissions Factor (grams/minute)					
	ROG	**NOX**	**CO**	**SO2**	**PM10**	**PM2.5**
Hauling	0.01829615	0.249054753	0.23890001	0.00042228	0.00039153	0.0003746
Vendor	0.00962411	0.139414096	0.12759777	0.0002273	0.00023854	0.00022822
Worker	0	0.000000	0	0	0	0
GWP	N/A	N/A	N/A	N/A	N/A	N/A

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (pounds/day)					
					ROG	**NOX**	**CO**	**SO2**	**PM10**	**PM2.5**
P2 - Demolition (Portable 2)										
Total Haul Trips	6									
Hauling	3	2	8	15	0.00	0.02	0.02	0.00	0.00	0.00
Vendor	0	2	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Worker	8	2	8	0	0.00	0.00	0.00	0.00	0.00	0.00
P3 - Site Mod										
Total Haul Trips	0									
Hauling	0	205	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	4	205	8	15	0.00	0.02	0.02	0.00	0.00	0.00
Worker	20	205	8	0	0.00	0.00	0.00	0.00	0.00	0.00
P3 - Site Mod Arch Coating										
Total Haul Trips	0									
Hauling	0	100	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	100	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Worker	4	100	8	0	0.00	0.00	0.00	0.00	0.00	0.00
P3 - Demolition (Portables 1, 3, 4, and 5)										
Total Haul Trips	15									
Hauling	3	5	8	15	0.00	0.02	0.02	0.00	0.00	0.00
Vendor	0	5	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Worker	8	5	8	0	0.00	0.00	0.00	0.00	0.00	0.00

Franklin School
2021 Idling Emissions

	Idling Emissions Factor (grams/minute)		
	CO2	CH4	N2O
Hauling	45.5057164	0.00112086	0.00719059
Vendor	24.4560228	0.00064112	0.00384123
Worker	0	0	0
GWP	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
P1 - Portable Classrooms								
Total Haul Trips	10							
Hauling	3	14	8	15	0.03	0.00	0.00	0.03
Vendor	0	14	8	15	0.00	0.00	0.00	0.00
Worker	16	14	8	0	0.00	0.00	0.00	0.00
P1 - Site Mod								
Total Haul Trips	0							
Hauling	0	14	8	15	0.00	0.00	0.00	0.00
Vendor	4	14	8	15	0.02	0.00	0.00	0.02
Worker	20	14	8	0	0.00	0.00	0.00	0.00
P1 - Demolition								
Total Haul Trips	205							
Hauling	31	20	8	15	0.42	0.00	0.02	0.44
Vendor	0	20	8	15	0.00	0.00	0.00	0.00
Worker	13	20	8	0	0.00	0.00	0.00	0.00
P2 - Grading								
Total Haul Trips	0							
Hauling	0	5	8	15	0.00	0.00	0.00	0.00
Vendor	0	5	8	15	0.00	0.00	0.00	0.00
Worker	8	5	8	0	0.00	0.00	0.00	0.00

Franklin School
2021 Idling Emissions

	Idling Emissions Factor (grams/minute)		
	CO2	CH4	N2O
Hauling	45.5057164	0.00112086	0.00719059
Vendor	24.4560228	0.00064112	0.00384123
Worker	0	0	0
GWP	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
P2 - Site Mod								
Total Haul Trips	0							
Hauling	0	25	8	15	0.00	0.00	0.00	0.00
Vendor	4	25	8	15	0.04	0.00	0.00	0.04
Worker	20	25	8	0	0.00	0.00	0.00	0.00
P2 - Buliding Construction								
Total Haul Trips	0							
Hauling	0	200	8	15	0.00	0.00	0.00	0.00
Vendor	10	200	8	15	0.73	0.00	0.03	0.77
Worker	26	200	8	0	0.00	0.00	0.00	0.00
P2 - Paving								
Total Haul Trips	0							
Hauling	0	10	8	15	0.00	0.00	0.00	0.00
Vendor	0	10	8	15	0.00	0.00	0.00	0.00
Worker	13	10	8	0	0.00	0.00	0.00	0.00
P2 - Architectural Coating								
Total Haul Trips	0							
Hauling	0	10	8	15	0.00	0.00	0.00	0.00
Vendor	0	10	8	15	0.00	0.00	0.00	0.00
Worker	5	10	8	0	0.00	0.00	0.00	0.00

Franklin School
2021 Idling Emissions

	Idling Emissions Factor (grams/minute)		
	CO2	CH4	N2O
Hauling	45.5057164	0.00112086	0.00719059
Vendor	24.4560228	0.00064112	0.00384123
Worker	0	0	0
GWP	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
P2 - Demolition (Portable 2)								
Total Haul Trips	6							
Hauling	3	2	8	15	0.00	0.00	0.00	0.00
Vendor	0	2	8	15	0.00	0.00	0.00	0.00
Worker	8	2	8	0	0.00	0.00	0.00	0.00
P3 - Site Mod								
Total Haul Trips	0							
Hauling	0	205	8	15	0.00	0.00	0.00	0.00
Vendor	4	205	8	15	0.30	0.00	0.01	0.31
Worker	20	205	8	0	0.00	0.00	0.00	0.00
P3 - Site Mod Arch Coating								
Total Haul Trips	0							
Hauling	0	100	8	15	0.00	0.00	0.00	0.00
Vendor	0	100	8	15	0.00	0.00	0.00	0.00
Worker	4	100	8	0	0.00	0.00	0.00	0.00
P3 - Demolition (Portables 1, 3, 4, and 5)								
Total Haul Trips	15							
Hauling	3	5	8	15	0.01	0.00	0.00	0.01
Vendor	0	5	8	15	0.00	0.00	0.00	0.00
Worker	8	5	8	0	0.00	0.00	0.00	0.00

Franklin School
2021 Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
Hauling	3.00E-01	0.06085398	0.03546617	7.36E-02	0.02608028	0.00886654
Vendor	3.00E-01	0.095597009	0.02373309	7.36E-02	0.04097015	0.00593327
Worker	3.00E-01	0.036750011	0.008	7.36E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) PM10 RD	PM10 BW	PM10 TW	PM2.5 RD	PM2.5 BW	PM2.5 TW
P1 - Portable Classrooms										
Total Haul Trips	10									
Hauling	3	14	8	20	0.04	0.01	0.00	0.01	0.00	0.00
Vendor	0	14	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	16	14	8	10.8	0.11	0.01	0.00	0.03	0.01	0.00
P1 - Site Mod										
Total Haul Trips	0									
Hauling	0	14	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	4	14	8	7.3	0.02	0.01	0.00	0.00	0.00	0.00
Worker	20	14	8	10.8	0.14	0.02	0.00	0.04	0.01	0.00
P1 - Demolition										
Total Haul Trips	205									
Hauling	31	20	8	20	0.41	0.08	0.05	0.10	0.04	0.01
Vendor	0	20	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	13	20	8	10.8	0.09	0.01	0.00	0.02	0.00	0.00
P2 - Grading										
Total Haul Trips	0									
Hauling	0	5	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	5	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	8	5	8	10.8	0.06	0.01	0.00	0.01	0.00	0.00

Franklin School
2021 Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
Hauling	3.00E-01	0.06085398	0.03546617	7.36E-02	0.02608028	0.00886654
Vendor	3.00E-01	0.095597009	0.02373309	7.36E-02	0.04097015	0.00593327
Worker	3.00E-01	0.036750011	0.008	7.36E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day)					
					PM10			PM2.5		
					RD	BW	TW	RD	BW	TW
P2 - Site Mod										
Total Haul Trips	0									
Hauling	0	25	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	4	25	8	7.3	0.02	0.01	0.00	0.00	0.00	0.00
Worker	20	25	8	10.8	0.14	0.02	0.00	0.04	0.01	0.00
P2 - Buliding Construction										
Total Haul Trips	0									
Hauling	0	200	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	10	200	8	7.3	0.05	0.02	0.00	0.01	0.01	0.00
Worker	26	200	8	10.8	0.19	0.02	0.00	0.05	0.01	0.00
P2 - Paving										
Total Haul Trips	0									
Hauling	0	10	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	10	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	13	10	8	10.8	0.09	0.01	0.00	0.02	0.00	0.00
P2 - Architectural Coating										
Total Haul Trips	0									
Hauling	0	10	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	10	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	5	10	8	10.8	0.04	0.00	0.00	0.01	0.00	0.00

Franklin School
2021 Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
Hauling	3.00E-01	0.06085398	0.03546617	7.36E-02	0.02608028	0.00886654
Vendor	3.00E-01	0.095597009	0.02373309	7.36E-02	0.04097015	0.00593327
Worker	3.00E-01	0.036750011	0.008	7.36E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) PM10 RD	PM10 BW	PM10 TW	PM2.5 RD	PM2.5 BW	PM2.5 TW
P2 - Demolition (Portable 2)										
Total Haul Trips	6									
Hauling	3	2	8	20	0.04	0.01	0.00	0.01	0.00	0.00
Vendor	0	2	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	8	2	8	10.8	0.06	0.01	0.00	0.01	0.00	0.00
P3 - Site Mod										
Total Haul Trips	0									
Hauling	0	205	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	4	205	8	7.3	0.02	0.01	0.00	0.00	0.00	0.00
Worker	20	205	8	10.8	0.14	0.02	0.00	0.04	0.01	0.00
P3 - Site Mod Arch Coating										
Total Haul Trips	0									
Hauling	0	100	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	100	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	4	100	8	10.8	0.03	0.00	0.00	0.01	0.00	0.00
P3 - Demolition (Portables 1, 3, 4, and 5)										
Total Haul Trips	15									
Hauling	3	5	8	20	0.04	0.01	0.00	0.01	0.00	0.00
Vendor	0	5	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	8	5	8	10.8	0.06	0.01	0.00	0.01	0.00	0.00

Franklin School
2021 Road Dust

Paved Road Dust Emission Factors (Assumes No Precipitation)

Formula: $EF_{Dust,P} = (k\ (sL)^{0.91} \times (W)^{1.02})$

Where:

$EF_{Dust,P}$ =	Paved Road Dust Emission Factor (having the same units as k)
k =	particle size multiplier
sL =	road surface silt loading (g/m^2)
W =	average fleet vehicle weight (tons) (CARB uses 2.4 tons as a fleet average vehicle weight factor)

	Emission Factor (grams per VMT)	
	PM10	PM2.5
k	0.9979	0.2449
sL	0.1	0.1
W	2.4	2.4
$EF_{Dust,P}$	3.00E-01	7.36E-02

Unpaved Road Dust Emission Factors (Assumes No Precipitation)

Formula: $EF_{Dust,U} = (k\ (\ s / 12)^{1} \times (Sp / 30)^{0.5} / (M / 0.5)^{0.2}) - C)$

Where:

$EF_{Dust,U}$ =	Unpaved Road Dust Emission Factor (having the same units as k)
k =	particle size multiplier
s =	surface material silt content (%)
Sp =	mean vehicle speed (mph)
M =	surface material moisture content (%)
C =	Emission Factor for 1980s vehicle fleet exhaust, brake wear, and tire wear

	Emission Factor (grams per VMT)	
	PM10	PM2.5
k	816.47	81.65
s	4.3%	4.3%
Sp	15	15
M	0.5%	0.5%
C	0.00047	0.00036
$EF_{Dust,U}$	5.20E+00	5.19E-01

Sources:

SCAQMD, CalEEMod, Version 2011.1.

CARB, *Entrained Dust from Paved Road Travel: Emission Estimation Methodology Background Document* , (1997).

USEPA, *AP-42* , Fifth Edition, Volume I, Chapter 13.2.1 - Paved Roads, (2011).

PCR Services Corporation, 2013.

7. Construction Health Risk

7. Construction Health Risk
a.Methodology & Figure

HEALTH RISK ASSESSMENT (HRA) METHODOLOGY

The greatest potential for TAC emissions would be related to diesel particulate matter (DPM) emissions associated with heavy equipment operations during demolition, grading and excavation, and building construction activities. The cancer risk values for DPM considers exposure via the inhalation pathway. The potential exposure through other pathways (e.g., ingestion) requires substance and site-specific data, and the specific parameters for DPM are not known for these pathways.[1] The OEHHA guidelines recommends the incorporation of several factors to quantify the carcinogenic compound dose via the inhalation pathway. Once determined, the dose is multiplied by the compound-specific inhalation cancer potency factor to derive the cancer risk estimate. The dose takes into account the concentration at a sensitive receptor. The cancer potency factor is compound-specific. In performing health risk calculations, carcinogenic compounds are not considered to have threshold levels (i.e., dose levels below which there are no risks). Any exposure, therefore, will have some associated risk. Incremental health risks associated with exposure to carcinogenic compounds is defined in terms of the probability of developing cancer as a result of exposure to a chemical at a given concentration. Under a deterministic approach (i.e., point estimate methodology), the cancer risk probability is determined by multiplying the chemical's annual concentration by its unit risk factor (URF). The URF for DPM recommended by the Scientific Review Panel[2] is 3.0 x 10-4 per microgram per cubic meter ($\mu g/m^3$). This value corresponds to a Cancer Potency Factor (CPF) of 1.1 per milligram/kilogram (body weight) per day (mg/kg(bw)-day). The URF for DPM means that for receptors with an annual average concentration of 1 $\mu g/m^3$ in the ambient air, the probability of contracting cancer over a 70-year lifetime of exposure is 300 in 1 million. The URF also assumes that a person is exposed continuously for a 70 year lifetime. This approach for calculating cancer risk is intended to result in conservative (i.e., health protective) estimates of health impacts and is used for assessing risks to sensitive receptors. The estimation of cancer risk generally uses the following algorithms:

$$\text{Risk} = \text{Dose inhalation} \times \text{Inhalation CPF} \times \text{ASF} \qquad \text{(Equation 1)}$$

Where:

$$\text{Dose inhalation} = C_{AIR} \times \text{DBR} \times \text{A} \times \text{EF} \times \text{ED} \times \text{FAH} / \text{AT} \qquad \text{(Equation 2)}$$

Inhalation CPF = inhalation cancer potency factor

ASF = age sensitivity factor

Where:

C_{AIR} = concentration of compound in air in micrograms per cubic meter ($\mu g/m^3$)

DBR = breathing rate in liter per kilogram of body weight per day (L/kg-body weight/day)

A = inhalation absorption factor (1 for DPM)

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1 California Air Resources Board, Report to the Air Resources Board on the Proposed Identification of Diesel Exhaust as a Toxic Air Contaminant, Part A Exposure *Assessment*, Approved by the Scientific Review Panel, (1998).

2 The Scientific Review Panel is charged with evaluating the risk assessments of substances proposed for identification as toxic air contaminants by CARB, OEHHA, and the Department of Pesticide Regulation (DPR), and the review of guidelines prepared by OEHHA.

EF = exposure frequency in days per year (day/year)

ED = exposure duration in years (year)

FAH = fraction of time at home

AT = averaging time period over which exposure is averaged in days (day)

The OEHHA recommended values for the parameters listed above were used in the HRA analysis. The daily breathing rate (DBR) used in the analysis was based on was based on OEHHA recommendations which vary depending on age, as shown in the assumptions for each risk scenario. The recommended exposure frequency (EF) is 350 days per year which is equivalent to 0.96 (350 days / 365 days a year). The inhalation absorption factor (A) is assumed to be 1 for inhalation based risk assessment. As indicated in Equation 1 above, each age group has different exposure parameters which require cancer risk to be calculated separately for each age group. Values for fraction of time at home (FAH) also vary depending on age, as shown in the assumptions for each risk scenario. Once dose is calculated, cancer risk is calculated by accounting for cancer potency of the specific pollutant, and the age sensitivity factor (ASF), which also varies by age as shown in the assumptions for each risk scenario.

The HRA includes three separate components: 1) Emissions inventory; 2) Dispersion Modeling; and 3) Health Risk Calculations. Each of these components is discussed in detail in below.

EMISSIONS INVENTORY

Emissions analyzed in the HRA were based on the air quality and greenhouse gas sections of the MND. The MND analyzed construction emissions using the approved California Emissions Estimator Model (CalEEMod) model for onsite sources and Emission Factors (EMFAC) 2017 for offsite sources. The air quality analysis prepared for the MND estimated maximum daily emissions for each construction phase. The construction emissions utilized for this HRA assumed the same construction schedule and equipment types as the analysis contained in the DEIR. Specifically, the emissions estimate assumes three consecutive construction phases with completion anticipated by December 2021.

The emissions estimates provided in the MND represent the maximum daily emissions from each phase that would be expected from construction of the project utilizing maximum daily heavy-duty construction equipment activity levels.

DISPERSION MODELING

Dispersion modeling predicts the air pollutant concentrations due to emissions from a source at defined receptor point locations. Dispersion modeling was performed using the USEPA approved AMS/EPA Regulatory Model (AERMOD) with meteorological data from San Diego International Airport.[3] Emission sources were located on the Franklin School site corresponding to the areas of construction activity. Volume line sources were used to represent the emission sources on the project site. Construction emissions would not be generated during the nighttime hours; therefore, the dispersion modeling allocates the emissions during the active daytime construction hours. Sensitive receptors identified for modeling

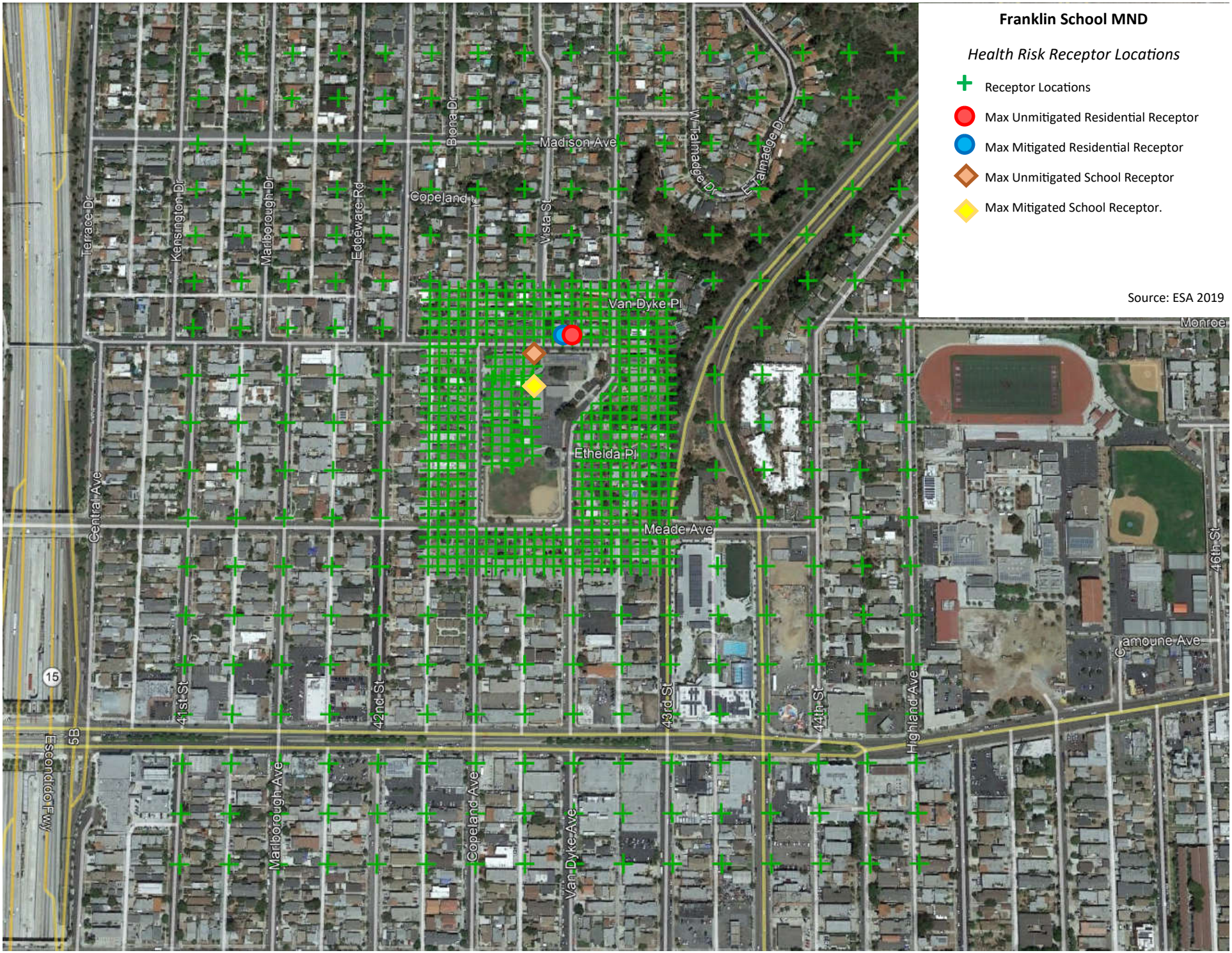
[3] https://www.arb.ca.gov/toxics/harp/metfiles2.htm#metlist

were placed at the location of nearby sensitive land uses and onsite buildings. Sensitive receptors off-site include residential land uses to the north, east, south, and west of the project site with the directly across the street in any direction. Sensitive receptors, including the maximum residential and maximum school receptors are included in the figure below.

HEALTH RISK CALCULATIONS

The resulting health risk calculations were performed using a spreadsheet tool consistent with the OEHHA guidance. The spreadsheet tool incorporates the algorithms, equations, and a variable described above as well as in the OEHHA guidance, and incorporates the results of the AERMOD dispersion model. The risk calculations are included in the following risk scenarios

- Unmitigated Residential Risk
- Unmitigated School Risk
- Mitigated Constructional Risk
- Mitigated School Risk.


Franklin School MND
Health Risk Receptor Locations
Receptor Locations
Max Unmitigated Residential Receptor
Max Mitigated Residential Receptor
Max Unmitigated School Receptor
Max Mitigated School Receptor.
Source: ESA 2019
Madison Ave
Copeland
Van Dyke Pl
Ethelda Pl
Meade Ave
Monroe
Terrace Dr
Kensington Dr
Marlborough Dr
Edgeware Rd
Biona Dr
Vista St
W Talmadge Dr
Talmadge Dr
Central Ave
41st St
42nd St
43rd St
44th St
46th St
Highland Ave
Gramoune Ave
Marlborough Ave
Copeland Ave
Van Dyke Ave
Escondido Fwy
5B
15

7. Construction Health Risk

b. Risk Summary

Franklin School Project
Health Risk Summary

Incremental Increase in Carcinogenic Risk and Hazardous Index

Sensitive Receptor	Maximum Cancer Risk (# in one million) [a]	Chronic Risk Hazard Index (HI)[b]	Receptor
Unmitigated Risk			
Residential	53.76	0.49	666 / 547
School	11.31	0.51	865 / 820
Maximum Individual Cancer Risk Threshold[c]	1	1	
Exceeds Threshold?	**Yes**	No	
Mitigated Risk			
Residential	6.58	0.05	666 / 547
School	1.47	0.06	865 / 820
Maximum Individual Cancer Risk Threshold[c]	10	1	
Exceeds Threshold?	No	No	

SOURCE: ESA, 2019.

7. Construction Health Risk
c. Unmitigated Residential Risk

Construction Health Risk
Unmitigated Residential - Assumptions and Risk Summary

Franklin School Project

Unmitigated Residential - Construction Health Risk Assumptions

	3rd	0-2	2-16	>16	Units
DBR	361	1090	631	261	L/kg
A	1	1	1	1	no units
EF	0.95890411	0.958904	0.958904	0.958904	years
Constant 1	0.000001	0.000001	0.000001	0.000001	no units
CPF	1.1	1.1	1.1	1.1	mg/kg-day-1
ASF	10	10	3	1	no units
Modernization Const	0.00	0.668	0.00	0.00	years
Modernization AC	0.00	0.274	0.00	0.00	years
Portable Set-up	0.00	0.038	0.00	0.00	years
New Building Demo	0.00	0.055	0.00	0.00	years
New Building Grading	0.00	0.014	0.00	0.00	years
New Building Const	0.00	0.548	0.00	0.00	years
New Building AC	0.00	0.027	0.00	0.00	years
New Building Paving	0.00	0.027	0.00	0.00	years
New Building Demo (Port. 2)	0.00	0.005	0.00	0.00	years
New Building Demo (Port. 1,3,4)	0.00	0.014	0.00	0.00	years
AT	70	70	70	70	years
FAH	1	1	1	0.73	day
Constant 2	1,000,000	1,000,000	1,000,000	1,000,000	no units
Dose Constants:	0.00034616	0.001045	0.000605	0.00025	no units
Risk Constants:	0.15714286	0.157143	0.047143	0.011471	no units

Dose = (Cair X DBR X A X EF X Constant 1)

Cancer Risk = Dose X CPF x ASF x (ED/AT) X FAH

Risk per Million = Cancer Risk X Constant 2

Non-Cancer Hazard Quotent = Average Annual Concentration x Chronic Inhalation REL

Onsite	lbs/day	g/day	g/sec
	Birth to 2 years		
Modernization Const	0.1939	87.951561	0.0020359
Modernization AC	0.0941	42.683042	0.000988
Portable Set-up	0	0	0
New Building Demo	1.0409	472.1443	0.0109293
New Building Grading	0.6379	289.34657	0.0066978
New Building Const	0.6843	310.39326	0.007185
New Building AC	0.0941	42.683042	0.000988
New Building Paving	0.4153	188.37691	0.0043606
New Building Demo (Port. 2)	0.8174	370.7664	0.0085826
New Building Demo (Port. 1,3,4)	0.8174	370.7664	0.0085826

Offsite

	Source	Miles	lbs/day	g/day	gr/sec
Mod - Building					
	Haul 1A	0.04256385	2.3323E-05	0.010579	2.45E-07
	Haul 2A	0.13434019	7.3611E-05	0.0333894	7.73E-07
	Haul B	0.27576401	0.0001511	0.0685394	1.59E-06
	Haul C	0.02963935	1.6241E-05	0.0073667	1.71E-07
NB - BC					
	Haul 1A	0.04256385	7.5799E-05	0.0343817	7.96E-07
	Haul 2A	0.13434019	0.00023924	0.1085156	2.51E-06
	Haul B	0.27576401	0.00049109	0.2227531	5.16E-06
	Haul C	0.02963935	5.2782E-05	0.0239417	5.54E-07
Portable Classrooms					
	Haul 1A	0.04256385	1.8111E-05	0.008215	1.9E-07
	Haul 2A	0.13434019	5.7162E-05	0.0259281	6E-07
	Haul B	0.27576401	0.00011734	0.0532234	1.23E-06
	Haul C	0.02963935	1.2612E-05	0.0057205	1.32E-07
NB - Demo					
	Haul 1A	0.04256385	0.00018728	0.0849492	1.97E-06
	Haul 2A	0.13434019	0.0005911	0.268117	6.21E-06
	Haul B	0.27576401	0.00121336	0.5503716	1.27E-05
	Haul C	0.02963935	0.00013041	0.0591544	1.37E-06
NB-Demo (Port. 2)					
	Haul 1A	0.04256385	1.8111E-05	0.008215	1.9E-07
	Haul 2A	0.13434019	5.7162E-05	0.0259281	6E-07
	Haul B	0.27576401	0.00011734	0.0532234	1.23E-06
	Haul C	0.02963935	1.2612E-05	0.0057205	1.32E-07
NB-Demo (Port. 1,3,4)					
	Haul 1A	0.04256385	1.8111E-05	0.008215	1.9E-07
	Haul 2A	0.13434019	5.7162E-05	0.0259281	6E-07
	Haul B	0.27576401	0.00011734	0.0532234	1.23E-06
	Haul C	0.02963935	1.2612E-05	0.0057205	1.32E-07

Franklin School Project

Unmitigated Residential - Construction Health Risk Assumptions

Source Name	Description
Haul1A	Haul Route: Copeland from Site to Meade
HaulB	Haul Route: Copeland from Meade Ave to El Cajon Blvd
HaulC	Haul Route: El Cajon Blvd from Site to I-15
Haul2A	Haul Route: Maede form Site to Copeland
MOD	Modernization activities for Buildings 01-01, 02-02, and 02-03
NB1	New Building Demolition and Grading areas
NB2	Building Construction and Architectural Coating Areas
NB3	Paving areas

Construction activities can occur between 7 am and 7 pm Monday through Friday.

Receptor Designations

Residential #43 to 806

RES50 #1 to 272 - Residential receptors with 50 meter spacing

RES10 #273 to #806 - Residential receptors with 10 meter spacing

School

LL #807 to 820 - Onsite receptrs for the library and LLC building - Impacted by all phases

02-02 #821 to 835 - Onsite receptors for building 02-02. Impacted by all but 1/3 of Modernization.

01-01 #836 to 850 - Onsite receptors for building 01-01. Impacted by all but 1/3 of Modernization.

02-03 #851 to 865 - Onsite receptors for building 02-03. Impacted by all but 1/3 of Modernization.

Port #866 to 872 - Onsite receptors for portable buildings. Impacts vary by building

School receptors: Risk for onsite receptors is determined by conservately assuming that all onsite receptors are exposed for the duration of the construction project. However, because modernization requires painting and repairs to classrooms, it is anticipated that students sould be located in the portable classrooms during the time the reparis to their classrooms are occurring. As the portable classrooms are located on the other side of the campus from the new building construction (greatest risk source) risk to students would be similar or lower at the portable classrooms than they would in the library or building 02-03. Also, as a conservative estimate of onsite risk, the Assembly and Administrative building (building 02-03) is evaluated as if it were regular classrooms.

Franklin School Project
Unmitigated Residential - Emissions

Onsite

Phase	Start	End	# days	lbs/day PM10	Source		
Mod - Building	1/1/2021	12/08/21	244	0.1939	MOD	Const. Hours	12
Mod - AC	06/01/21	10/18/21	100	0.0941	MOD		
Portable Classrooms	1/1/2021	1/20/2021	14	0.0000	-		
NB - Demo	01/21/19	02/17/21	20	1.0409	NB1		
NB - Grading	02/18/21	02/24/21	5	0.6379	NB1		
NB - BC	02/25/21	12/01/21	200	0.6843	NB2		
NB - AC	11/25/21	12/08/21	10	0.0941	NB2		
NB - Paving	11/25/21	12/08/21	10	0.4153	NB3		
NB-Demo (Port. 2)	12/09/21	12/11/21	2	0.8174	NB1		
NB-Demo (Port. 1,3,4)	12/13/21	12/17/21	5	0.8174	NB1		

Offsite

	Daily Vendor Trips	miles/trip	lbs/day	lbs/day/mile	Haul Trips	miles/trip	lbs/day	lbs/day/mile
Mod - Building	4	7.30	0.004	0.00054795	0	20.00		
Mod - AC	0	7.30			0	20.00		
Portable Classrooms	0	7.30			10	20.00	8.51E-03	0.000426
NB - Demo	0	7.30			205	20.00	0.088	0.004400
NB - Grading	0	7.30			0	20.00		
NB - BC	12	7.30	0.013	0.00178082	0	20.00		
NB - AC	0	7.30			0	20.00		
NB - Paving	0	7.30			0	20.00		
NB-Demo (Port. 2)	0	7.30			6	20.00	8.51E-03	0.000426
NB-Demo (Port. 1,3,4)	0	7.30			15	20.00	8.51E-03	0.000426

Source	Meters	Miles
Haul 1A	68.50	0.04
Haul 2A	216.20	0.13
Haul B	443.80	0.28
Haul C	47.70	0.03

Franklin School Project

Unmitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
53.76	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
1	489960	3624026	0.21	0.05	0.01	0.00	0.02	0.00	0.12	0.00	0.00	0.00	0.00
2	490010	3624026	0.23	0.06	0.01	0.00	0.02	0.00	0.13	0.00	0.00	0.00	0.00
3	490060	3624026	0.25	0.06	0.01	0.00	0.02	0.00	0.14	0.00	0.00	0.00	0.00
4	490110	3624026	0.27	0.07	0.01	0.00	0.03	0.00	0.15	0.00	0.01	0.00	0.01
5	490160	3624026	0.30	0.07	0.01	0.00	0.03	0.00	0.16	0.00	0.01	0.00	0.01
6	490210	3624026	0.32	0.08	0.02	0.00	0.03	0.00	0.17	0.00	0.01	0.00	0.01
7	490260	3624026	0.34	0.08	0.02	0.00	0.03	0.00	0.19	0.00	0.01	0.00	0.01
8	490310	3624026	0.36	0.09	0.02	0.00	0.03	0.01	0.19	0.00	0.01	0.00	0.01
9	490360	3624026	0.38	0.09	0.02	0.00	0.04	0.01	0.21	0.00	0.01	0.00	0.01
10	490410	3624026	0.40	0.10	0.02	0.00	0.04	0.01	0.22	0.00	0.01	0.00	0.01
11	490460	3624026	0.43	0.11	0.02	0.00	0.04	0.01	0.23	0.00	0.01	0.00	0.01
12	490510	3624026	0.46	0.11	0.02	0.00	0.04	0.01	0.25	0.00	0.01	0.00	0.01
13	490560	3624026	0.48	0.12	0.02	0.00	0.05	0.01	0.26	0.00	0.01	0.00	0.01
14	490610	3624026	0.50	0.12	0.02	0.00	0.05	0.01	0.27	0.00	0.01	0.00	0.01
15	490660	3624026	0.52	0.12	0.02	0.00	0.05	0.01	0.29	0.00	0.01	0.00	0.01
16	490710	3624026	0.52	0.12	0.02	0.00	0.05	0.01	0.29	0.00	0.01	0.00	0.01
17	489960	3624076	0.24	0.06	0.01	0.00	0.02	0.00	0.13	0.00	0.00	0.00	0.00
18	490010	3624076	0.26	0.07	0.01	0.00	0.02	0.00	0.14	0.00	0.01	0.00	0.00
19	490060	3624076	0.29	0.07	0.01	0.00	0.03	0.00	0.16	0.00	0.01	0.00	0.01
20	490110	3624076	0.32	0.08	0.02	0.00	0.03	0.00	0.17	0.00	0.01	0.00	0.01
21	490160	3624076	0.35	0.09	0.02	0.00	0.03	0.01	0.19	0.00	0.01	0.00	0.01
22	490210	3624076	0.38	0.10	0.02	0.00	0.04	0.01	0.21	0.00	0.01	0.00	0.01
23	490260	3624076	0.41	0.10	0.02	0.00	0.04	0.01	0.22	0.00	0.01	0.00	0.01
24	490310	3624076	0.44	0.11	0.02	0.00	0.04	0.01	0.24	0.00	0.01	0.00	0.01
25	490360	3624076	0.47	0.12	0.02	0.00	0.05	0.01	0.25	0.00	0.01	0.00	0.01
26	490410	3624076	0.50	0.13	0.03	0.00	0.05	0.01	0.27	0.00	0.01	0.00	0.01
27	490460	3624076	0.54	0.14	0.03	0.00	0.05	0.01	0.29	0.00	0.01	0.00	0.01
28	490510	3624076	0.58	0.14	0.03	0.00	0.06	0.01	0.31	0.00	0.01	0.00	0.01
29	490560	3624076	0.61	0.15	0.03	0.00	0.06	0.01	0.33	0.00	0.01	0.00	0.01
30	490610	3624076	0.64	0.15	0.03	0.00	0.06	0.01	0.35	0.00	0.01	0.01	0.01
31	490660	3624076	0.65	0.15	0.03	0.00	0.07	0.01	0.36	0.00	0.01	0.01	0.01
32	490710	3624076	0.64	0.14	0.03	0.00	0.06	0.01	0.36	0.00	0.01	0.01	0.01
33	489960	3624126	0.27	0.07	0.01	0.00	0.02	0.00	0.15	0.00	0.01	0.00	0.00
34	490010	3624126	0.30	0.08	0.02	0.00	0.03	0.00	0.16	0.00	0.01	0.00	0.01
35	490060	3624126	0.34	0.09	0.02	0.00	0.03	0.00	0.18	0.00	0.01	0.00	0.01
36	490110	3624126	0.38	0.10	0.02	0.00	0.04	0.01	0.20	0.00	0.01	0.00	0.01
37	490160	3624126	0.43	0.11	0.02	0.00	0.04	0.01	0.23	0.00	0.01	0.00	0.01
38	490210	3624126	0.47	0.12	0.02	0.00	0.05	0.01	0.25	0.00	0.01	0.00	0.01
39	490260	3624126	0.52	0.13	0.03	0.00	0.05	0.01	0.27	0.00	0.01	0.00	0.01
40	490310	3624126	0.56	0.14	0.03	0.00	0.05	0.01	0.29	0.00	0.01	0.00	0.01
41	490360	3624126	0.60	0.16	0.03	0.00	0.06	0.01	0.31	0.00	0.01	0.00	0.01
42	490410	3624126	0.65	0.17	0.03	0.00	0.06	0.01	0.34	0.00	0.01	0.00	0.01
43	490460	3624126	0.71	0.18	0.04	0.00	0.07	0.01	0.37	0.00	0.01	0.01	0.01
44	490510	3624126	0.76	0.19	0.04	0.00	0.08	0.01	0.40	0.00	0.02	0.01	0.02

Franklin School Project

Unmitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
53.76	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
45	490560	3624126	0.80	0.20	0.04	0.00	0.08	0.01	0.43	0.00	0.02	0.01	0.02
46	490610	3624126	0.82	0.19	0.04	0.00	0.08	0.01	0.45	0.00	0.02	0.01	0.02
47	490660	3624126	0.82	0.19	0.04	0.00	0.08	0.01	0.46	0.00	0.02	0.01	0.02
48	490710	3624126	0.80	0.17	0.03	0.00	0.08	0.01	0.46	0.00	0.02	0.01	0.02
49	489960	3624176	0.30	0.08	0.02	0.00	0.03	0.00	0.16	0.00	0.01	0.00	0.01
50	490010	3624176	0.35	0.09	0.02	0.00	0.03	0.00	0.19	0.00	0.01	0.00	0.01
51	490060	3624176	0.40	0.10	0.02	0.00	0.04	0.01	0.21	0.00	0.01	0.00	0.01
52	490110	3624176	0.46	0.12	0.02	0.00	0.04	0.01	0.24	0.00	0.01	0.00	0.01
53	490160	3624176	0.53	0.14	0.03	0.00	0.05	0.01	0.27	0.00	0.01	0.00	0.01
54	490210	3624176	0.60	0.16	0.03	0.00	0.06	0.01	0.31	0.00	0.01	0.00	0.01
55	490260	3624176	0.66	0.18	0.03	0.00	0.06	0.01	0.34	0.00	0.01	0.01	0.01
56	490310	3624176	0.73	0.20	0.04	0.00	0.07	0.01	0.37	0.00	0.01	0.01	0.01
57	490360	3624176	0.79	0.22	0.04	0.00	0.08	0.01	0.40	0.00	0.02	0.01	0.02
58	490410	3624176	0.87	0.24	0.05	0.00	0.09	0.01	0.44	0.00	0.02	0.01	0.02
59	490460	3624176	0.97	0.26	0.05	0.00	0.10	0.02	0.50	0.00	0.02	0.01	0.02
60	490510	3624176	1.03	0.26	0.05	0.00	0.11	0.02	0.54	0.00	0.02	0.01	0.02
61	490560	3624176	1.07	0.26	0.05	0.00	0.11	0.02	0.57	0.00	0.02	0.01	0.02
62	490610	3624176	1.07	0.25	0.05	0.00	0.11	0.02	0.59	0.00	0.02	0.01	0.02
63	490660	3624176	1.04	0.23	0.04	0.00	0.11	0.02	0.59	0.00	0.02	0.01	0.02
64	490710	3624176	0.98	0.20	0.04	0.00	0.10	0.02	0.57	0.00	0.02	0.01	0.02
65	489960	3624226	0.34	0.09	0.02	0.00	0.03	0.00	0.18	0.00	0.01	0.00	0.01
66	490010	3624226	0.40	0.11	0.02	0.00	0.04	0.01	0.21	0.00	0.01	0.00	0.01
67	490060	3624226	0.47	0.13	0.03	0.00	0.04	0.01	0.25	0.00	0.01	0.00	0.01
68	490110	3624226	0.56	0.16	0.03	0.00	0.05	0.01	0.29	0.00	0.01	0.00	0.01
69	490160	3624226	0.66	0.19	0.04	0.00	0.06	0.01	0.34	0.00	0.01	0.00	0.01
70	490210	3624226	0.78	0.22	0.04	0.00	0.07	0.01	0.39	0.00	0.02	0.01	0.01
71	490260	3624226	0.89	0.25	0.05	0.00	0.09	0.01	0.44	0.00	0.02	0.01	0.02
72	490310	3624226	1.00	0.29	0.06	0.00	0.10	0.02	0.49	0.00	0.02	0.01	0.02
73	490360	3624226	1.12	0.32	0.06	0.00	0.11	0.02	0.54	0.00	0.02	0.01	0.02
74	490410	3624226	1.27	0.36	0.07	0.00	0.13	0.02	0.62	0.00	0.03	0.01	0.03
75	490460	3624226	1.39	0.37	0.07	0.00	0.15	0.02	0.70	0.00	0.03	0.01	0.03
76	490510	3624226	1.46	0.36	0.07	0.00	0.16	0.02	0.76	0.01	0.03	0.01	0.03
77	490560	3624226	1.46	0.34	0.07	0.00	0.16	0.02	0.80	0.01	0.03	0.01	0.03
78	490610	3624226	1.41	0.31	0.06	0.00	0.15	0.02	0.80	0.01	0.03	0.01	0.03
79	490660	3624226	1.31	0.27	0.05	0.00	0.13	0.02	0.76	0.01	0.03	0.01	0.03
80	490710	3624226	1.19	0.24	0.05	0.00	0.12	0.02	0.71	0.00	0.02	0.01	0.02
81	489960	3624276	0.38	0.10	0.02	0.00	0.03	0.01	0.20	0.00	0.01	0.00	0.01
82	490010	3624276	0.46	0.13	0.02	0.00	0.04	0.01	0.24	0.00	0.01	0.00	0.01
83	490060	3624276	0.56	0.16	0.03	0.00	0.05	0.01	0.29	0.00	0.01	0.00	0.01
84	490110	3624276	0.70	0.20	0.04	0.00	0.06	0.01	0.35	0.00	0.01	0.00	0.01
85	490160	3624276	0.86	0.25	0.05	0.00	0.08	0.01	0.42	0.00	0.02	0.01	0.02
86	490210	3624276	1.05	0.32	0.06	0.00	0.10	0.02	0.50	0.00	0.02	0.01	0.02
87	490260	3624276	1.27	0.38	0.08	0.00	0.13	0.02	0.60	0.00	0.03	0.01	0.02
88	490310	3624276	1.49	0.45	0.09	0.00	0.15	0.02	0.69	0.00	0.03	0.01	0.03

Franklin School Project

Unmitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
53.76	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
89	490360	3624276	1.71	0.53	0.10	0.00	0.18	0.03	0.78	0.01	0.04	0.01	0.03
90	490410	3624276	1.96	0.56	0.11	0.00	0.22	0.03	0.93	0.01	0.04	0.02	0.04
91	490460	3624276	2.08	0.55	0.11	0.00	0.23	0.04	1.04	0.01	0.05	0.02	0.05
92	490510	3624276	2.11	0.50	0.10	0.00	0.23	0.04	1.12	0.01	0.05	0.02	0.05
93	490560	3624276	2.01	0.44	0.09	0.00	0.22	0.03	1.13	0.01	0.04	0.02	0.04
94	490610	3624276	1.84	0.37	0.07	0.00	0.19	0.03	1.07	0.01	0.04	0.02	0.04
95	490660	3624276	1.62	0.31	0.06	0.00	0.16	0.03	0.97	0.01	0.03	0.01	0.03
96	490710	3624276	1.40	0.26	0.05	0.00	0.14	0.02	0.86	0.01	0.03	0.01	0.03
97	489960	3624326	0.43	0.11	0.02	0.00	0.04	0.01	0.23	0.00	0.01	0.00	0.01
98	490010	3624326	0.53	0.15	0.03	0.00	0.05	0.01	0.27	0.00	0.01	0.00	0.01
99	490060	3624326	0.67	0.19	0.04	0.00	0.06	0.01	0.34	0.00	0.01	0.00	0.01
100	490110	3624326	0.87	0.26	0.05	0.00	0.08	0.01	0.42	0.00	0.02	0.01	0.02
101	490160	3624326	1.14	0.36	0.07	0.00	0.10	0.02	0.53	0.00	0.02	0.01	0.02
102	490210	3624326	1.52	0.51	0.10	0.00	0.14	0.02	0.68	0.00	0.03	0.01	0.03
103	490260	3624326	2.00	0.67	0.13	0.00	0.20	0.03	0.87	0.01	0.04	0.01	0.04
104	490310	3624326	2.50	0.85	0.17	0.00	0.26	0.04	1.06	0.01	0.05	0.02	0.05
105	490360	3624326	2.95	0.98	0.19	0.00	0.33	0.05	1.23	0.01	0.07	0.03	0.06
106	490410	3624326	3.27	0.94	0.19	0.00	0.39	0.06	1.49	0.01	0.08	0.03	0.08
107	490460	3624326	3.29	0.81	0.16	0.00	0.39	0.06	1.67	0.01	0.08	0.03	0.08
108	490510	3624326	3.10	0.66	0.13	0.00	0.35	0.05	1.72	0.01	0.07	0.03	0.07
109	490560	3624326	2.74	0.53	0.11	0.00	0.29	0.04	1.61	0.01	0.06	0.02	0.06
110	490610	3624326	2.32	0.42	0.08	0.00	0.24	0.04	1.42	0.01	0.05	0.02	0.05
111	490660	3624326	1.92	0.34	0.07	0.00	0.19	0.03	1.20	0.01	0.04	0.02	0.04
112	490710	3624326	1.59	0.27	0.05	0.00	0.15	0.02	1.01	0.01	0.03	0.01	0.03
113	489960	3624376	0.47	0.13	0.03	0.00	0.04	0.01	0.25	0.00	0.01	0.00	0.01
114	490010	3624376	0.59	0.17	0.03	0.00	0.05	0.01	0.31	0.00	0.01	0.00	0.01
115	490060	3624376	0.78	0.23	0.05	0.00	0.07	0.01	0.39	0.00	0.01	0.01	0.01
116	490110	3624376	1.07	0.34	0.07	0.00	0.09	0.01	0.51	0.00	0.02	0.01	0.02
117	490160	3624376	1.54	0.53	0.11	0.00	0.13	0.02	0.68	0.00	0.03	0.01	0.03
118	490410	3624376	5.94	1.53	0.30	0.00	0.83	0.13	2.74	0.02	0.17	0.06	0.16
119	490460	3624376	5.35	1.11	0.22	0.00	0.66	0.10	2.93	0.02	0.13	0.05	0.13
120	490510	3624376	4.50	0.81	0.16	0.00	0.50	0.08	2.70	0.02	0.10	0.04	0.10
121	490560	3624376	3.57	0.60	0.12	0.00	0.37	0.06	2.24	0.02	0.07	0.03	0.07
122	490610	3624376	2.78	0.45	0.09	0.00	0.28	0.04	1.78	0.01	0.05	0.02	0.05
123	490660	3624376	2.16	0.35	0.07	0.00	0.21	0.03	1.40	0.01	0.04	0.02	0.04
124	490710	3624376	1.70	0.27	0.05	0.00	0.16	0.02	1.11	0.01	0.03	0.01	0.03
125	489960	3624426	0.50	0.14	0.03	0.00	0.04	0.01	0.26	0.00	0.01	0.00	0.01
126	490010	3624426	0.65	0.18	0.04	0.00	0.06	0.01	0.34	0.00	0.01	0.00	0.01
127	490060	3624426	0.88	0.27	0.05	0.00	0.07	0.01	0.44	0.00	0.02	0.01	0.01
128	490110	3624426	1.27	0.42	0.08	0.00	0.11	0.02	0.60	0.00	0.02	0.01	0.02
129	490160	3624426	1.98	0.72	0.14	0.00	0.16	0.02	0.84	0.01	0.04	0.01	0.03
130	490410	3624426	11.40	2.16	0.43	0.00	1.67	0.26	6.06	0.04	0.32	0.13	0.33
131	490460	3624426	8.62	1.33	0.26	0.00	0.99	0.15	5.39	0.04	0.19	0.08	0.19
132	490510	3624426	6.05	0.87	0.17	0.00	0.62	0.10	3.98	0.03	0.12	0.05	0.12

Franklin School Project

Unmitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
53.76	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
133	490560	3624426	4.29	0.61	0.12	0.00	0.42	0.06	2.86	0.02	0.08	0.03	0.08
134	490610	3624426	3.05	0.44	0.09	0.00	0.29	0.04	2.04	0.01	0.05	0.02	0.06
135	490660	3624426	2.24	0.33	0.07	0.00	0.21	0.03	1.50	0.01	0.04	0.02	0.04
136	490710	3624426	1.69	0.26	0.05	0.00	0.16	0.02	1.13	0.01	0.03	0.01	0.03
137	489960	3624476	0.52	0.14	0.03	0.00	0.04	0.01	0.28	0.00	0.01	0.00	0.01
138	490010	3624476	0.68	0.19	0.04	0.00	0.06	0.01	0.36	0.00	0.01	0.00	0.01
139	490060	3624476	0.94	0.28	0.06	0.00	0.08	0.01	0.47	0.00	0.02	0.01	0.02
140	490110	3624476	1.41	0.46	0.09	0.00	0.11	0.02	0.67	0.00	0.02	0.01	0.02
141	490160	3624476	2.28	0.83	0.17	0.00	0.17	0.03	1.00	0.01	0.04	0.01	0.03
142	490410	3624476	21.91	2.31	0.46	0.00	2.47	0.38	15.05	0.10	0.45	0.19	0.49
143	490460	3624476	12.21	1.29	0.26	0.00	1.19	0.18	8.68	0.06	0.22	0.09	0.23
144	490510	3624476	7.02	0.81	0.16	0.00	0.65	0.10	4.95	0.03	0.12	0.05	0.13
145	490560	3624476	4.49	0.56	0.11	0.00	0.41	0.06	3.13	0.02	0.08	0.03	0.08
146	490610	3624476	2.98	0.40	0.08	0.00	0.27	0.04	2.05	0.01	0.05	0.02	0.05
147	490660	3624476	2.12	0.30	0.06	0.00	0.19	0.03	1.44	0.01	0.04	0.02	0.04
148	490710	3624476	1.57	0.23	0.05	0.00	0.14	0.02	1.05	0.01	0.03	0.01	0.03
149	489960	3624526	0.52	0.14	0.03	0.00	0.04	0.01	0.28	0.00	0.01	0.00	0.01
150	490010	3624526	0.68	0.19	0.04	0.00	0.06	0.01	0.36	0.00	0.01	0.00	0.01
151	490060	3624526	0.95	0.28	0.05	0.00	0.08	0.01	0.49	0.00	0.02	0.01	0.02
152	490110	3624526	1.41	0.44	0.09	0.00	0.11	0.02	0.70	0.00	0.02	0.01	0.02
153	490160	3624526	2.33	0.80	0.16	0.00	0.17	0.03	1.08	0.01	0.04	0.01	0.03
154	490410	3624526	44.96	2.09	0.42	0.00	3.77	0.58	36.17	0.25	0.65	0.30	0.74
155	490460	3624526	13.02	1.09	0.22	0.00	1.12	0.17	9.85	0.07	0.20	0.09	0.22
156	490510	3624526	6.26	0.67	0.13	0.00	0.55	0.08	4.55	0.03	0.10	0.04	0.11
157	490560	3624526	3.97	0.48	0.09	0.00	0.35	0.05	2.81	0.02	0.07	0.03	0.07
158	490610	3624526	2.61	0.34	0.07	0.00	0.23	0.04	1.81	0.01	0.04	0.02	0.05
159	490660	3624526	1.84	0.26	0.05	0.00	0.16	0.03	1.26	0.01	0.03	0.01	0.03
160	490710	3624526	1.37	0.20	0.04	0.00	0.12	0.02	0.92	0.01	0.02	0.01	0.02
161	489960	3624576	0.48	0.13	0.03	0.00	0.04	0.01	0.25	0.00	0.01	0.00	0.01
162	490010	3624576	0.63	0.18	0.04	0.00	0.05	0.01	0.33	0.00	0.01	0.00	0.01
163	490060	3624576	0.86	0.25	0.05	0.00	0.07	0.01	0.45	0.00	0.01	0.01	0.01
164	490110	3624576	1.29	0.38	0.08	0.00	0.10	0.02	0.67	0.00	0.02	0.01	0.02
165	490160	3624576	2.10	0.66	0.13	0.00	0.15	0.02	1.04	0.01	0.03	0.01	0.03
166	490210	3624576	3.90	1.36	0.27	0.00	0.26	0.04	1.83	0.01	0.06	0.02	0.05
167	490260	3624576	9.15	3.44	0.68	0.00	0.54	0.08	4.10	0.03	0.12	0.04	0.11
168	490310	3624576	22.90	5.22	1.04	0.00	1.47	0.23	14.14	0.10	0.29	0.12	0.29
169	490360	3624576	36.53	2.75	0.55	0.00	2.41	0.37	29.16	0.20	0.43	0.19	0.47
170	490410	3624576	20.56	1.43	0.29	0.00	1.57	0.24	16.21	0.11	0.28	0.12	0.31
171	490460	3624576	9.21	0.85	0.17	0.00	0.76	0.12	6.91	0.05	0.14	0.06	0.15
172	490510	3624576	4.58	0.52	0.10	0.00	0.40	0.06	3.29	0.02	0.07	0.03	0.08
173	490560	3624576	2.93	0.37	0.07	0.00	0.26	0.04	2.06	0.01	0.05	0.02	0.05
174	490610	3624576	2.15	0.29	0.06	0.00	0.19	0.03	1.48	0.01	0.04	0.01	0.04
175	490660	3624576	1.54	0.22	0.04	0.00	0.14	0.02	1.04	0.01	0.03	0.01	0.03
176	490710	3624576	1.16	0.18	0.04	0.00	0.10	0.02	0.78	0.01	0.02	0.01	0.02

Franklin School Project

Unmitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
53.76	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
177	489960	3624626	0.45	0.12	0.02	0.00	0.04	0.01	0.24	0.00	0.01	0.00	0.01
178	490010	3624626	0.58	0.16	0.03	0.00	0.05	0.01	0.31	0.00	0.01	0.00	0.01
179	490060	3624626	0.76	0.22	0.04	0.00	0.06	0.01	0.40	0.00	0.01	0.00	0.01
180	490110	3624626	1.14	0.31	0.06	0.00	0.09	0.01	0.61	0.00	0.02	0.01	0.02
181	490160	3624626	1.71	0.49	0.10	0.00	0.13	0.02	0.91	0.01	0.03	0.01	0.03
182	490210	3624626	2.76	0.82	0.16	0.00	0.20	0.03	1.45	0.01	0.04	0.02	0.04
183	490260	3624626	4.83	1.34	0.27	0.00	0.34	0.05	2.65	0.02	0.07	0.03	0.07
184	490310	3624626	8.05	1.68	0.33	0.00	0.57	0.09	5.08	0.03	0.11	0.04	0.11
185	490360	3624626	10.48	1.40	0.28	0.00	0.77	0.12	7.51	0.05	0.14	0.06	0.15
186	490410	3624626	8.71	0.95	0.19	0.00	0.68	0.10	6.44	0.04	0.13	0.05	0.13
187	490460	3624626	5.73	0.64	0.13	0.00	0.48	0.07	4.16	0.03	0.09	0.04	0.09
188	490510	3624626	3.64	0.45	0.09	0.00	0.31	0.05	2.58	0.02	0.06	0.02	0.06
189	490560	3624626	2.27	0.31	0.06	0.00	0.20	0.03	1.57	0.01	0.04	0.02	0.04
190	490610	3624626	1.74	0.25	0.05	0.00	0.16	0.02	1.18	0.01	0.03	0.01	0.03
191	490660	3624626	1.31	0.20	0.04	0.00	0.12	0.02	0.88	0.01	0.02	0.01	0.02
192	490710	3624626	1.00	0.16	0.03	0.00	0.09	0.01	0.67	0.00	0.02	0.01	0.02
193	489960	3624676	0.43	0.11	0.02	0.00	0.03	0.01	0.24	0.00	0.01	0.00	0.01
194	490010	3624676	0.55	0.14	0.03	0.00	0.04	0.01	0.30	0.00	0.01	0.00	0.01
195	490060	3624676	0.72	0.18	0.04	0.00	0.06	0.01	0.40	0.00	0.01	0.00	0.01
196	490110	3624676	0.97	0.25	0.05	0.00	0.08	0.01	0.54	0.00	0.02	0.01	0.02
197	490160	3624676	1.35	0.36	0.07	0.00	0.10	0.02	0.74	0.01	0.02	0.01	0.02
198	490210	3624676	1.97	0.52	0.10	0.00	0.15	0.02	1.10	0.01	0.03	0.01	0.03
199	490260	3624676	2.95	0.71	0.14	0.00	0.22	0.03	1.72	0.01	0.05	0.02	0.04
200	490310	3624676	4.14	0.84	0.17	0.00	0.31	0.05	2.60	0.02	0.06	0.02	0.06
201	490360	3624676	4.95	0.80	0.16	0.00	0.38	0.06	3.36	0.02	0.07	0.03	0.07
202	490410	3624676	4.61	0.63	0.13	0.00	0.37	0.06	3.23	0.02	0.07	0.03	0.07
203	490460	3624676	3.45	0.46	0.09	0.00	0.29	0.04	2.42	0.02	0.05	0.02	0.06
204	490510	3624676	2.58	0.35	0.07	0.00	0.22	0.03	1.79	0.01	0.04	0.02	0.04
205	490560	3624676	1.89	0.27	0.05	0.00	0.17	0.03	1.29	0.01	0.03	0.01	0.03
206	490610	3624676	1.36	0.20	0.04	0.00	0.12	0.02	0.92	0.01	0.02	0.01	0.02
207	490660	3624676	1.13	0.17	0.03	0.00	0.10	0.02	0.75	0.01	0.02	0.01	0.02
208	490710	3624676	0.89	0.14	0.03	0.00	0.08	0.01	0.59	0.00	0.02	0.01	0.02
209	489960	3624726	0.41	0.10	0.02	0.00	0.03	0.01	0.23	0.00	0.01	0.00	0.01
210	490010	3624726	0.50	0.12	0.02	0.00	0.04	0.01	0.28	0.00	0.01	0.00	0.01
211	490060	3624726	0.62	0.15	0.03	0.00	0.05	0.01	0.35	0.00	0.01	0.00	0.01
212	490110	3624726	0.80	0.20	0.04	0.00	0.06	0.01	0.45	0.00	0.01	0.01	0.01
213	490160	3624726	1.06	0.27	0.05	0.00	0.08	0.01	0.60	0.00	0.02	0.01	0.02
214	490210	3624726	1.45	0.36	0.07	0.00	0.11	0.02	0.84	0.01	0.02	0.01	0.02
215	490260	3624726	1.99	0.45	0.09	0.00	0.15	0.02	1.19	0.01	0.03	0.01	0.03
216	490310	3624726	2.52	0.51	0.10	0.00	0.20	0.03	1.58	0.01	0.04	0.02	0.04
217	490360	3624726	2.88	0.51	0.10	0.00	0.23	0.03	1.89	0.01	0.04	0.02	0.04
218	490410	3624726	2.83	0.44	0.09	0.00	0.23	0.04	1.92	0.01	0.04	0.02	0.05
219	490460	3624726	2.53	0.37	0.07	0.00	0.21	0.03	1.73	0.01	0.04	0.02	0.04
220	490510	3624726	2.08	0.30	0.06	0.00	0.18	0.03	1.42	0.01	0.03	0.01	0.03

Franklin School Project

Unmitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
53.76	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
221	490560	3624726	1.63	0.24	0.05	0.00	0.14	0.02	1.10	0.01	0.03	0.01	0.03
222	490610	3624726	1.16	0.18	0.04	0.00	0.10	0.02	0.78	0.01	0.02	0.01	0.02
223	490660	3624726	0.92	0.14	0.03	0.00	0.08	0.01	0.61	0.00	0.02	0.01	0.02
224	490710	3624726	0.80	0.13	0.03	0.00	0.07	0.01	0.53	0.00	0.01	0.01	0.01
225	489960	3624776	0.37	0.09	0.02	0.00	0.03	0.00	0.21	0.00	0.01	0.00	0.01
226	490010	3624776	0.44	0.11	0.02	0.00	0.04	0.01	0.25	0.00	0.01	0.00	0.01
227	490060	3624776	0.54	0.13	0.03	0.00	0.04	0.01	0.31	0.00	0.01	0.00	0.01
228	490110	3624776	0.67	0.16	0.03	0.00	0.05	0.01	0.39	0.00	0.01	0.00	0.01
229	490160	3624776	0.85	0.21	0.04	0.00	0.07	0.01	0.49	0.00	0.01	0.01	0.01
230	490210	3624776	1.10	0.26	0.05	0.00	0.09	0.01	0.65	0.00	0.02	0.01	0.02
231	490260	3624776	1.40	0.31	0.06	0.00	0.11	0.02	0.85	0.01	0.02	0.01	0.02
232	490310	3624776	1.70	0.34	0.07	0.00	0.14	0.02	1.06	0.01	0.03	0.01	0.03
233	490360	3624776	1.91	0.35	0.07	0.00	0.15	0.02	1.23	0.01	0.03	0.01	0.03
234	490410	3624776	1.94	0.33	0.07	0.00	0.16	0.02	1.28	0.01	0.03	0.01	0.03
235	490460	3624776	1.82	0.29	0.06	0.00	0.15	0.02	1.22	0.01	0.03	0.01	0.03
236	490510	3624776	1.59	0.25	0.05	0.00	0.14	0.02	1.06	0.01	0.03	0.01	0.03
237	490560	3624776	1.33	0.21	0.04	0.00	0.12	0.02	0.88	0.01	0.02	0.01	0.02
238	490610	3624776	1.08	0.17	0.03	0.00	0.10	0.01	0.72	0.00	0.02	0.01	0.02
239	490660	3624776	0.81	0.13	0.03	0.00	0.07	0.01	0.53	0.00	0.01	0.01	0.01
240	490710	3624776	0.66	0.11	0.02	0.00	0.06	0.01	0.43	0.00	0.01	0.00	0.01
241	489960	3624826	0.33	0.08	0.02	0.00	0.03	0.00	0.19	0.00	0.01	0.00	0.01
242	490010	3624826	0.39	0.09	0.02	0.00	0.03	0.00	0.22	0.00	0.01	0.00	0.01
243	490060	3624826	0.46	0.11	0.02	0.00	0.04	0.01	0.27	0.00	0.01	0.00	0.01
244	490110	3624826	0.56	0.13	0.03	0.00	0.05	0.01	0.32	0.00	0.01	0.00	0.01
245	490160	3624826	0.69	0.16	0.03	0.00	0.06	0.01	0.40	0.00	0.01	0.00	0.01
246	490210	3624826	0.85	0.19	0.04	0.00	0.07	0.01	0.50	0.00	0.01	0.01	0.01
247	490260	3624826	1.04	0.23	0.04	0.00	0.08	0.01	0.63	0.00	0.02	0.01	0.02
248	490310	3624826	1.23	0.25	0.05	0.00	0.10	0.02	0.76	0.01	0.02	0.01	0.02
249	490360	3624826	1.35	0.26	0.05	0.00	0.11	0.02	0.86	0.01	0.02	0.01	0.02
250	490410	3624826	1.39	0.25	0.05	0.00	0.12	0.02	0.90	0.01	0.02	0.01	0.02
251	490460	3624826	1.35	0.23	0.05	0.00	0.11	0.02	0.88	0.01	0.02	0.01	0.02
252	490510	3624826	1.23	0.20	0.04	0.00	0.10	0.02	0.81	0.01	0.02	0.01	0.02
253	490560	3624826	1.08	0.18	0.03	0.00	0.09	0.01	0.71	0.00	0.02	0.01	0.02
254	490610	3624826	0.92	0.15	0.03	0.00	0.08	0.01	0.60	0.00	0.02	0.01	0.02
255	490660	3624826	0.76	0.12	0.02	0.00	0.07	0.01	0.50	0.00	0.01	0.01	0.01
256	490710	3624826	0.59	0.10	0.02	0.00	0.05	0.01	0.39	0.00	0.01	0.00	0.01
257	489960	3624876	0.29	0.07	0.01	0.00	0.02	0.00	0.17	0.00	0.01	0.00	0.00
258	490010	3624876	0.34	0.08	0.02	0.00	0.03	0.00	0.20	0.00	0.01	0.00	0.01
259	490060	3624876	0.40	0.09	0.02	0.00	0.03	0.01	0.23	0.00	0.01	0.00	0.01
260	490110	3624876	0.48	0.11	0.02	0.00	0.04	0.01	0.28	0.00	0.01	0.00	0.01
261	490160	3624876	0.57	0.13	0.03	0.00	0.05	0.01	0.34	0.00	0.01	0.00	0.01
262	490210	3624876	0.68	0.15	0.03	0.00	0.06	0.01	0.41	0.00	0.01	0.00	0.01
263	490260	3624876	0.81	0.17	0.03	0.00	0.07	0.01	0.49	0.00	0.01	0.01	0.01
264	490310	3624876	0.93	0.19	0.04	0.00	0.08	0.01	0.57	0.00	0.02	0.01	0.01

Franklin School Project

Unmitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
53.76	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
265	490360	3624876	1.01	0.19	0.04	0.00	0.08	0.01	0.64	0.00	0.02	0.01	0.02
266	490410	3624876	1.05	0.19	0.04	0.00	0.09	0.01	0.67	0.00	0.02	0.01	0.02
267	490460	3624876	1.03	0.18	0.04	0.00	0.09	0.01	0.67	0.00	0.02	0.01	0.02
268	490510	3624876	0.97	0.17	0.03	0.00	0.08	0.01	0.63	0.00	0.02	0.01	0.02
269	490560	3624876	0.88	0.15	0.03	0.00	0.08	0.01	0.57	0.00	0.01	0.01	0.01
270	490610	3624876	0.78	0.13	0.03	0.00	0.07	0.01	0.51	0.00	0.01	0.01	0.01
271	490660	3624876	0.67	0.11	0.02	0.00	0.06	0.01	0.43	0.00	0.01	0.00	0.01
272	490710	3624876	0.54	0.09	0.02	0.00	0.05	0.01	0.35	0.00	0.01	0.00	0.01
273	490210	3624326	1.52	0.51	0.10	0.00	0.14	0.02	0.68	0.00	0.03	0.01	0.03
274	490220	3624326	1.60	0.54	0.11	0.00	0.15	0.02	0.71	0.00	0.03	0.01	0.03
275	490230	3624326	1.69	0.57	0.11	0.00	0.16	0.02	0.74	0.00	0.03	0.01	0.03
276	490240	3624326	1.79	0.60	0.12	0.00	0.17	0.03	0.78	0.01	0.04	0.01	0.03
277	490250	3624326	1.89	0.64	0.13	0.00	0.18	0.03	0.83	0.01	0.04	0.01	0.03
278	490260	3624326	2.00	0.67	0.13	0.00	0.20	0.03	0.87	0.01	0.04	0.01	0.04
279	490270	3624326	2.10	0.70	0.14	0.00	0.21	0.03	0.91	0.01	0.04	0.02	0.04
280	490280	3624326	2.19	0.74	0.14	0.00	0.22	0.03	0.94	0.01	0.05	0.02	0.04
281	490290	3624326	2.29	0.78	0.15	0.00	0.23	0.03	0.98	0.01	0.05	0.02	0.04
282	490300	3624326	2.40	0.81	0.16	0.00	0.25	0.04	1.02	0.01	0.05	0.02	0.05
283	490310	3624326	2.50	0.85	0.17	0.00	0.26	0.04	1.06	0.01	0.05	0.02	0.05
284	490320	3624326	2.59	0.88	0.17	0.00	0.27	0.04	1.08	0.01	0.06	0.02	0.05
285	490330	3624326	2.68	0.92	0.18	0.00	0.28	0.04	1.11	0.01	0.06	0.02	0.05
286	490340	3624326	2.77	0.94	0.19	0.00	0.30	0.04	1.15	0.01	0.06	0.02	0.06
287	490350	3624326	2.87	0.96	0.19	0.00	0.31	0.05	1.20	0.01	0.07	0.02	0.06
288	490360	3624326	2.95	0.98	0.19	0.00	0.33	0.05	1.23	0.01	0.07	0.03	0.06
289	490370	3624326	3.03	0.98	0.20	0.00	0.35	0.05	1.28	0.01	0.07	0.03	0.07
290	490380	3624326	3.13	0.98	0.19	0.00	0.36	0.06	1.35	0.01	0.08	0.03	0.07
291	490390	3624326	3.20	0.97	0.19	0.00	0.38	0.06	1.41	0.01	0.08	0.03	0.07
292	490400	3624326	3.24	0.96	0.19	0.00	0.39	0.06	1.45	0.01	0.08	0.03	0.08
293	490410	3624326	3.27	0.94	0.19	0.00	0.39	0.06	1.49	0.01	0.08	0.03	0.08
294	490420	3624326	3.29	0.92	0.18	0.00	0.40	0.06	1.53	0.01	0.08	0.03	0.08
295	490430	3624326	3.30	0.89	0.18	0.00	0.40	0.06	1.57	0.01	0.08	0.03	0.08
296	490440	3624326	3.31	0.87	0.17	0.00	0.40	0.06	1.61	0.01	0.08	0.03	0.08
297	490450	3624326	3.30	0.84	0.17	0.00	0.40	0.06	1.64	0.01	0.08	0.03	0.08
298	490460	3624326	3.29	0.81	0.16	0.00	0.39	0.06	1.67	0.01	0.08	0.03	0.08
299	490210	3624336	1.65	0.56	0.11	0.00	0.15	0.02	0.72	0.00	0.03	0.01	0.03
300	490220	3624336	1.75	0.60	0.12	0.00	0.16	0.02	0.76	0.01	0.03	0.01	0.03
301	490230	3624336	1.85	0.64	0.13	0.00	0.17	0.03	0.80	0.01	0.04	0.01	0.03
302	490240	3624336	1.97	0.68	0.13	0.00	0.19	0.03	0.84	0.01	0.04	0.01	0.04
303	490250	3624336	2.06	0.72	0.14	0.00	0.20	0.03	0.87	0.01	0.04	0.02	0.04
304	490260	3624336	2.18	0.76	0.15	0.00	0.21	0.03	0.91	0.01	0.05	0.02	0.04
305	490270	3624336	2.30	0.81	0.16	0.00	0.23	0.03	0.96	0.01	0.05	0.02	0.04
306	490280	3624336	2.42	0.85	0.17	0.00	0.24	0.04	1.00	0.01	0.05	0.02	0.05
307	490290	3624336	2.54	0.90	0.18	0.00	0.26	0.04	1.05	0.01	0.05	0.02	0.05
308	490300	3624336	2.66	0.94	0.19	0.00	0.27	0.04	1.08	0.01	0.06	0.02	0.05

Franklin School Project

Unmitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
53.76	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
309	490310	3624336	2.79	0.99	0.19	0.00	0.29	0.04	1.13	0.01	0.06	0.02	0.06
310	490320	3624336	2.94	1.03	0.20	0.00	0.31	0.05	1.19	0.01	0.06	0.02	0.06
311	490330	3624336	3.04	1.07	0.21	0.00	0.32	0.05	1.23	0.01	0.07	0.02	0.06
312	490340	3624336	3.15	1.10	0.22	0.00	0.34	0.05	1.27	0.01	0.07	0.03	0.07
313	490350	3624336	3.26	1.12	0.22	0.00	0.36	0.05	1.32	0.01	0.08	0.03	0.07
314	490360	3624336	3.34	1.13	0.22	0.00	0.38	0.06	1.36	0.01	0.08	0.03	0.07
315	490370	3624336	3.43	1.12	0.22	0.00	0.40	0.06	1.42	0.01	0.08	0.03	0.08
316	490380	3624336	3.53	1.11	0.22	0.00	0.42	0.06	1.49	0.01	0.09	0.03	0.08
317	490390	3624336	3.60	1.10	0.22	0.00	0.44	0.07	1.57	0.01	0.09	0.03	0.09
318	490400	3624336	3.64	1.07	0.21	0.00	0.45	0.07	1.62	0.01	0.09	0.04	0.09
319	490410	3624336	3.66	1.04	0.21	0.00	0.45	0.07	1.66	0.01	0.09	0.04	0.09
320	490420	3624336	3.67	1.01	0.20	0.00	0.45	0.07	1.71	0.01	0.09	0.04	0.09
321	490430	3624336	3.68	0.98	0.19	0.00	0.45	0.07	1.75	0.01	0.09	0.04	0.09
322	490440	3624336	3.67	0.94	0.19	0.00	0.45	0.07	1.80	0.01	0.09	0.04	0.09
323	490450	3624336	3.65	0.90	0.18	0.00	0.44	0.07	1.83	0.01	0.09	0.03	0.09
324	490460	3624336	3.62	0.87	0.17	0.00	0.44	0.07	1.86	0.01	0.09	0.03	0.09
325	490210	3624346	1.79	0.63	0.12	0.00	0.16	0.02	0.77	0.01	0.04	0.01	0.03
326	490220	3624346	1.91	0.68	0.13	0.00	0.17	0.03	0.81	0.01	0.04	0.01	0.03
327	490230	3624346	2.04	0.73	0.14	0.00	0.19	0.03	0.86	0.01	0.04	0.01	0.04
328	490240	3624346	2.19	0.78	0.15	0.00	0.21	0.03	0.91	0.01	0.04	0.02	0.04
329	490250	3624346	2.29	0.83	0.16	0.00	0.22	0.03	0.94	0.01	0.05	0.02	0.04
330	490260	3624346	2.44	0.88	0.17	0.00	0.23	0.04	0.99	0.01	0.05	0.02	0.05
331	490270	3624346	2.58	0.94	0.19	0.00	0.25	0.04	1.04	0.01	0.05	0.02	0.05
332	490280	3624346	2.69	0.99	0.20	0.00	0.26	0.04	1.06	0.01	0.06	0.02	0.05
333	490290	3624346	2.84	1.05	0.21	0.00	0.28	0.04	1.11	0.01	0.06	0.02	0.06
334	490300	3624346	3.03	1.11	0.22	0.00	0.31	0.05	1.19	0.01	0.07	0.02	0.06
335	490310	3624346	3.18	1.16	0.23	0.00	0.33	0.05	1.24	0.01	0.07	0.03	0.06
336	490320	3624346	3.32	1.22	0.24	0.00	0.35	0.05	1.28	0.01	0.08	0.03	0.07
337	490330	3624346	3.49	1.26	0.25	0.00	0.38	0.06	1.36	0.01	0.08	0.03	0.07
338	490340	3624346	3.60	1.29	0.25	0.00	0.40	0.06	1.40	0.01	0.08	0.03	0.08
339	490350	3624346	3.73	1.30	0.26	0.00	0.43	0.06	1.47	0.01	0.09	0.03	0.08
340	490360	3624346	3.82	1.30	0.26	0.00	0.45	0.07	1.52	0.01	0.09	0.03	0.09
341	490370	3624346	3.91	1.29	0.26	0.00	0.47	0.07	1.59	0.01	0.10	0.04	0.09
342	490380	3624346	4.01	1.26	0.25	0.00	0.50	0.08	1.67	0.01	0.10	0.04	0.10
343	490390	3624346	4.08	1.23	0.24	0.00	0.51	0.08	1.75	0.01	0.11	0.04	0.10
344	490400	3624346	4.10	1.19	0.24	0.00	0.52	0.08	1.81	0.01	0.11	0.04	0.10
345	490410	3624346	4.11	1.15	0.23	0.00	0.52	0.08	1.87	0.01	0.11	0.04	0.10
346	490420	3624346	4.11	1.11	0.22	0.00	0.52	0.08	1.92	0.01	0.11	0.04	0.10
347	490430	3624346	4.10	1.06	0.21	0.00	0.52	0.08	1.97	0.01	0.10	0.04	0.10
348	490440	3624346	4.08	1.02	0.20	0.00	0.51	0.08	2.01	0.01	0.10	0.04	0.10
349	490450	3624346	4.04	0.97	0.19	0.00	0.50	0.08	2.05	0.01	0.10	0.04	0.10
350	490460	3624346	3.99	0.93	0.18	0.00	0.49	0.07	2.07	0.01	0.10	0.04	0.10
351	490210	3624356	1.95	0.70	0.14	0.00	0.17	0.03	0.82	0.01	0.04	0.01	0.03
352	490220	3624356	2.10	0.76	0.15	0.00	0.19	0.03	0.87	0.01	0.04	0.01	0.04

Franklin School Project

Unmitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
53.76	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
353	490230	3624356	2.26	0.83	0.16	0.00	0.21	0.03	0.93	0.01	0.04	0.02	0.04
354	490240	3624356	2.39	0.90	0.18	0.00	0.22	0.03	0.96	0.01	0.05	0.02	0.04
355	490250	3624356	2.56	0.96	0.19	0.00	0.24	0.04	1.01	0.01	0.05	0.02	0.05
356	490260	3624356	2.75	1.03	0.20	0.00	0.26	0.04	1.07	0.01	0.06	0.02	0.05
357	490270	3624356	2.89	1.10	0.22	0.00	0.28	0.04	1.11	0.01	0.06	0.02	0.05
358	490280	3624356	3.08	1.18	0.23	0.00	0.30	0.05	1.17	0.01	0.07	0.02	0.06
359	490290	3624356	3.26	1.25	0.25	0.00	0.32	0.05	1.22	0.01	0.07	0.03	0.06
360	490300	3624356	3.50	1.33	0.26	0.00	0.36	0.05	1.31	0.01	0.08	0.03	0.07
361	490310	3624356	3.68	1.40	0.28	0.00	0.38	0.06	1.37	0.01	0.08	0.03	0.07
362	490320	3624356	3.84	1.46	0.29	0.00	0.41	0.06	1.42	0.01	0.09	0.03	0.08
363	490330	3624356	4.05	1.50	0.30	0.00	0.44	0.07	1.51	0.01	0.09	0.03	0.09
364	490340	3624356	4.17	1.52	0.30	0.00	0.47	0.07	1.57	0.01	0.10	0.04	0.09
365	490350	3624356	4.30	1.52	0.30	0.00	0.50	0.08	1.64	0.01	0.11	0.04	0.10
366	490360	3624356	4.40	1.51	0.30	0.00	0.54	0.08	1.71	0.01	0.11	0.04	0.10
367	490370	3624356	4.49	1.48	0.29	0.00	0.56	0.09	1.79	0.01	0.12	0.04	0.11
368	490380	3624356	4.59	1.43	0.28	0.00	0.59	0.09	1.89	0.01	0.12	0.05	0.12
369	490390	3624356	4.64	1.38	0.27	0.00	0.61	0.09	1.98	0.01	0.12	0.05	0.12
370	490400	3624356	4.65	1.33	0.26	0.00	0.61	0.09	2.04	0.01	0.12	0.05	0.12
371	490410	3624356	4.64	1.27	0.25	0.00	0.61	0.09	2.11	0.01	0.12	0.05	0.12
372	490420	3624356	4.61	1.21	0.24	0.00	0.60	0.09	2.17	0.01	0.12	0.05	0.12
373	490430	3624356	4.58	1.16	0.23	0.00	0.59	0.09	2.22	0.02	0.12	0.05	0.12
374	490440	3624356	4.53	1.10	0.22	0.00	0.57	0.09	2.27	0.02	0.11	0.05	0.11
375	490450	3624356	4.48	1.05	0.21	0.00	0.56	0.09	2.30	0.02	0.11	0.04	0.11
376	490460	3624356	4.40	0.99	0.20	0.00	0.54	0.08	2.32	0.02	0.11	0.04	0.11
377	490210	3624366	2.13	0.79	0.16	0.00	0.19	0.03	0.87	0.01	0.04	0.01	0.04
378	490220	3624366	2.31	0.87	0.17	0.00	0.20	0.03	0.93	0.01	0.04	0.02	0.04
379	490230	3624366	2.51	0.96	0.19	0.00	0.22	0.03	0.99	0.01	0.05	0.02	0.04
380	490240	3624366	2.68	1.04	0.21	0.00	0.24	0.04	1.03	0.01	0.05	0.02	0.05
381	490250	3624366	2.90	1.14	0.23	0.00	0.26	0.04	1.10	0.01	0.06	0.02	0.05
382	490370	3624366	5.19	1.69	0.34	0.00	0.69	0.10	2.03	0.01	0.14	0.05	0.13
383	490380	3624366	5.27	1.63	0.32	0.00	0.71	0.11	2.14	0.01	0.15	0.06	0.14
384	490390	3624366	5.30	1.55	0.31	0.00	0.72	0.11	2.24	0.02	0.15	0.06	0.14
385	490400	3624366	5.28	1.47	0.29	0.00	0.72	0.11	2.32	0.02	0.15	0.06	0.14
386	490410	3624366	5.24	1.40	0.28	0.00	0.71	0.11	2.40	0.02	0.14	0.06	0.14
387	490420	3624366	5.19	1.32	0.26	0.00	0.69	0.11	2.46	0.02	0.14	0.05	0.14
388	490430	3624366	5.13	1.25	0.25	0.00	0.67	0.10	2.52	0.02	0.13	0.05	0.13
389	490440	3624366	5.05	1.18	0.23	0.00	0.65	0.10	2.56	0.02	0.13	0.05	0.13
390	490450	3624366	4.96	1.12	0.22	0.00	0.62	0.10	2.59	0.02	0.12	0.05	0.12
391	490460	3624366	4.86	1.05	0.21	0.00	0.60	0.09	2.61	0.02	0.12	0.05	0.12
392	490210	3624376	2.33	0.89	0.18	0.00	0.20	0.03	0.93	0.01	0.04	0.02	0.04
393	490220	3624376	2.55	0.99	0.20	0.00	0.22	0.03	0.99	0.01	0.05	0.02	0.04
394	490230	3624376	2.79	1.11	0.22	0.00	0.24	0.04	1.06	0.01	0.05	0.02	0.05
395	490240	3624376	3.02	1.23	0.24	0.00	0.26	0.04	1.11	0.01	0.06	0.02	0.05
396	490250	3624376	3.30	1.36	0.27	0.00	0.29	0.04	1.19	0.01	0.07	0.02	0.06

Franklin School Project

Unmitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
53.76	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
397	490370	3624376	6.04	1.94	0.38	0.00	0.85	0.13	2.31	0.02	0.17	0.07	0.17
398	490380	3624376	6.09	1.84	0.36	0.00	0.87	0.13	2.45	0.02	0.18	0.07	0.17
399	490390	3624376	6.08	1.73	0.34	0.00	0.87	0.13	2.57	0.02	0.18	0.07	0.17
400	490400	3624376	6.02	1.63	0.32	0.00	0.85	0.13	2.66	0.02	0.17	0.07	0.17
401	490410	3624376	5.94	1.53	0.30	0.00	0.83	0.13	2.74	0.02	0.17	0.06	0.16
402	490420	3624376	5.85	1.44	0.29	0.00	0.80	0.12	2.81	0.02	0.16	0.06	0.16
403	490430	3624376	5.74	1.35	0.27	0.00	0.76	0.12	2.87	0.02	0.15	0.06	0.15
404	490440	3624376	5.62	1.26	0.25	0.00	0.73	0.11	2.91	0.02	0.14	0.06	0.14
405	490450	3624376	5.50	1.18	0.24	0.00	0.69	0.11	2.93	0.02	0.14	0.05	0.14
406	490460	3624376	5.35	1.11	0.22	0.00	0.66	0.10	2.93	0.02	0.13	0.05	0.13
407	490210	3624386	2.55	1.00	0.20	0.00	0.21	0.03	0.99	0.01	0.05	0.02	0.04
408	490220	3624386	2.80	1.13	0.22	0.00	0.23	0.04	1.05	0.01	0.05	0.02	0.05
409	490230	3624386	3.10	1.28	0.25	0.00	0.26	0.04	1.13	0.01	0.06	0.02	0.05
410	490240	3624386	3.43	1.45	0.29	0.00	0.29	0.04	1.22	0.01	0.06	0.02	0.05
411	490250	3624386	3.77	1.64	0.33	0.00	0.31	0.05	1.28	0.01	0.07	0.02	0.06
412	490370	3624386	7.07	2.21	0.44	0.00	1.07	0.16	2.65	0.02	0.22	0.08	0.21
413	490380	3624386	7.06	2.07	0.41	0.00	1.08	0.16	2.81	0.02	0.22	0.08	0.21
414	490390	3624386	7.01	1.93	0.38	0.00	1.06	0.16	2.96	0.02	0.21	0.08	0.21
415	490400	3624386	6.89	1.79	0.36	0.00	1.02	0.16	3.07	0.02	0.20	0.08	0.20
416	490410	3624386	6.75	1.67	0.33	0.00	0.97	0.15	3.16	0.02	0.19	0.08	0.19
417	490420	3624386	6.61	1.55	0.31	0.00	0.92	0.14	3.24	0.02	0.18	0.07	0.18
418	490430	3624386	6.45	1.44	0.29	0.00	0.87	0.13	3.29	0.02	0.17	0.07	0.17
419	490440	3624386	6.26	1.34	0.27	0.00	0.81	0.12	3.31	0.02	0.16	0.06	0.16
420	490450	3624386	6.09	1.25	0.25	0.00	0.77	0.12	3.32	0.02	0.15	0.06	0.15
421	490460	3624386	5.90	1.17	0.23	0.00	0.72	0.11	3.31	0.02	0.14	0.06	0.14
422	490210	3624396	2.79	1.13	0.22	0.00	0.23	0.03	1.05	0.01	0.05	0.02	0.04
423	490220	3624396	3.10	1.30	0.26	0.00	0.25	0.04	1.13	0.01	0.06	0.02	0.05
424	490230	3624396	3.47	1.50	0.30	0.00	0.28	0.04	1.21	0.01	0.06	0.02	0.05
425	490240	3624396	3.90	1.73	0.34	0.00	0.31	0.05	1.30	0.01	0.07	0.02	0.06
426	490250	3624396	4.42	2.02	0.40	0.00	0.35	0.05	1.41	0.01	0.08	0.03	0.07
427	490370	3624396	8.40	2.50	0.50	0.00	1.39	0.21	3.12	0.02	0.28	0.11	0.27
428	490380	3624396	8.27	2.31	0.46	0.00	1.35	0.21	3.28	0.02	0.27	0.11	0.27
429	490390	3624396	8.11	2.12	0.42	0.00	1.29	0.20	3.45	0.02	0.25	0.10	0.25
430	490400	3624396	7.90	1.95	0.39	0.00	1.21	0.18	3.57	0.02	0.24	0.09	0.24
431	490410	3624396	7.69	1.80	0.36	0.00	1.13	0.17	3.68	0.03	0.22	0.09	0.22
432	490420	3624396	7.47	1.66	0.33	0.00	1.05	0.16	3.75	0.03	0.20	0.08	0.21
433	490430	3624396	7.24	1.53	0.30	0.00	0.98	0.15	3.80	0.03	0.19	0.08	0.19
434	490440	3624396	6.99	1.41	0.28	0.00	0.91	0.14	3.80	0.03	0.18	0.07	0.18
435	490450	3624396	6.74	1.31	0.26	0.00	0.84	0.13	3.78	0.03	0.16	0.07	0.17
436	490460	3624396	6.49	1.22	0.24	0.00	0.79	0.12	3.73	0.03	0.15	0.06	0.15
437	490210	3624406	3.05	1.27	0.25	0.00	0.24	0.04	1.12	0.01	0.06	0.02	0.05
438	490220	3624406	3.43	1.48	0.29	0.00	0.27	0.04	1.21	0.01	0.06	0.02	0.05
439	490230	3624406	3.90	1.75	0.35	0.00	0.30	0.04	1.30	0.01	0.07	0.02	0.06
440	490240	3624406	4.45	2.07	0.41	0.00	0.33	0.05	1.40	0.01	0.08	0.03	0.06

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Unmitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
53.76	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
441	490250	3624406	5.21	2.53	0.50	0.00	0.38	0.06	1.53	0.01	0.09	0.03	0.07
442	490370	3624406	10.07	2.80	0.56	0.00	1.84	0.28	3.70	0.03	0.36	0.14	0.36
443	490380	3624406	9.73	2.55	0.51	0.00	1.71	0.26	3.87	0.03	0.33	0.13	0.33
444	490390	3624406	9.40	2.32	0.46	0.00	1.56	0.24	4.06	0.03	0.30	0.12	0.31
445	490400	3624406	9.08	2.11	0.42	0.00	1.42	0.22	4.20	0.03	0.28	0.11	0.28
446	490410	3624406	8.76	1.93	0.38	0.00	1.30	0.20	4.31	0.03	0.25	0.10	0.26
447	490420	3624406	8.45	1.77	0.35	0.00	1.19	0.18	4.37	0.03	0.23	0.09	0.23
448	490430	3624406	8.15	1.62	0.32	0.00	1.09	0.17	4.40	0.03	0.21	0.09	0.21
449	490440	3624406	7.82	1.49	0.30	0.00	1.01	0.15	4.37	0.03	0.19	0.08	0.20
450	490450	3624406	7.47	1.36	0.27	0.00	0.93	0.14	4.31	0.03	0.18	0.07	0.18
451	490460	3624406	7.14	1.26	0.25	0.00	0.86	0.13	4.22	0.03	0.16	0.07	0.17
452	490210	3624416	3.32	1.42	0.28	0.00	0.25	0.04	1.19	0.01	0.06	0.02	0.05
453	490220	3624416	3.79	1.69	0.33	0.00	0.28	0.04	1.29	0.01	0.07	0.02	0.06
454	490230	3624416	4.40	2.05	0.41	0.00	0.32	0.05	1.40	0.01	0.08	0.02	0.06
455	490240	3624416	5.14	2.51	0.50	0.00	0.36	0.05	1.52	0.01	0.09	0.03	0.07
456	490250	3624416	6.21	3.20	0.64	0.00	0.42	0.06	1.66	0.01	0.10	0.03	0.08
457	490370	3624416	12.08	3.10	0.62	0.00	2.42	0.37	4.42	0.03	0.46	0.19	0.47
458	490380	3624416	11.46	2.79	0.55	0.00	2.13	0.33	4.64	0.03	0.41	0.17	0.42
459	490390	3624416	10.90	2.51	0.50	0.00	1.87	0.29	4.84	0.03	0.36	0.15	0.37
460	490400	3624416	10.42	2.27	0.45	0.00	1.66	0.25	4.99	0.03	0.32	0.13	0.33
461	490410	3624416	9.99	2.05	0.41	0.00	1.48	0.23	5.09	0.03	0.29	0.12	0.29
462	490420	3624416	9.57	1.86	0.37	0.00	1.34	0.21	5.13	0.04	0.26	0.11	0.26
463	490430	3624416	9.17	1.70	0.34	0.00	1.22	0.19	5.12	0.04	0.23	0.10	0.24
464	490440	3624416	8.74	1.55	0.31	0.00	1.11	0.17	5.05	0.03	0.21	0.09	0.22
465	490450	3624416	8.29	1.41	0.28	0.00	1.01	0.15	4.92	0.03	0.19	0.08	0.20
466	490460	3624416	7.85	1.30	0.26	0.00	0.92	0.14	4.77	0.03	0.18	0.07	0.18
467	490210	3624426	3.59	1.56	0.31	0.00	0.27	0.04	1.27	0.01	0.06	0.02	0.05
468	490220	3624426	4.15	1.89	0.37	0.00	0.30	0.05	1.38	0.01	0.07	0.02	0.06
469	490230	3624426	4.86	2.32	0.46	0.00	0.34	0.05	1.51	0.01	0.08	0.03	0.07
470	490240	3624426	5.87	2.98	0.59	0.00	0.39	0.06	1.65	0.01	0.10	0.03	0.08
471	490250	3624426	7.43	4.03	0.80	0.00	0.45	0.07	1.82	0.01	0.11	0.04	0.09
472	490370	3624426	14.41	3.38	0.67	0.00	3.10	0.47	5.32	0.04	0.58	0.24	0.61
473	490380	3624426	13.40	3.00	0.60	0.00	2.58	0.39	5.60	0.04	0.49	0.20	0.51
474	490390	3624426	12.61	2.68	0.53	0.00	2.19	0.33	5.82	0.04	0.42	0.17	0.43
475	490400	3624426	11.97	2.40	0.48	0.00	1.90	0.29	5.98	0.04	0.36	0.15	0.37
476	490410	3624426	11.40	2.16	0.43	0.00	1.67	0.26	6.06	0.04	0.32	0.13	0.33
477	490420	3624426	10.86	1.95	0.39	0.00	1.49	0.23	6.06	0.04	0.28	0.12	0.29
478	490430	3624426	10.31	1.76	0.35	0.00	1.34	0.21	5.99	0.04	0.25	0.11	0.26
479	490440	3624426	9.76	1.60	0.32	0.00	1.21	0.19	5.85	0.04	0.23	0.09	0.24
480	490450	3624426	9.21	1.46	0.29	0.00	1.10	0.17	5.65	0.04	0.21	0.09	0.21
481	490460	3624426	8.62	1.33	0.26	0.00	0.99	0.15	5.39	0.04	0.19	0.08	0.19
482	490210	3624436	3.85	1.70	0.34	0.00	0.28	0.04	1.34	0.01	0.07	0.02	0.05
483	490220	3624436	4.51	2.09	0.41	0.00	0.31	0.05	1.47	0.01	0.08	0.02	0.06
484	490230	3624436	5.37	2.62	0.52	0.00	0.36	0.05	1.62	0.01	0.09	0.03	0.07

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Unmitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
53.76	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
485	490240	3624436	6.68	3.49	0.69	0.00	0.42	0.06	1.79	0.01	0.10	0.03	0.08
486	490250	3624436	8.75	4.93	0.98	0.00	0.49	0.07	2.00	0.01	0.13	0.04	0.10
487	490370	3624436	16.90	3.63	0.72	0.00	3.71	0.57	6.52	0.04	0.69	0.29	0.73
488	490380	3624436	15.57	3.20	0.64	0.00	2.99	0.46	6.85	0.05	0.56	0.23	0.59
489	490390	3624436	14.56	2.83	0.56	0.00	2.49	0.38	7.10	0.05	0.47	0.20	0.49
490	490400	3624436	13.76	2.52	0.50	0.00	2.13	0.33	7.24	0.05	0.40	0.17	0.42
491	490410	3624436	13.02	2.25	0.45	0.00	1.86	0.29	7.27	0.05	0.35	0.15	0.37
492	490420	3624436	12.32	2.02	0.40	0.00	1.65	0.25	7.20	0.05	0.31	0.13	0.32
493	490430	3624436	11.59	1.81	0.36	0.00	1.46	0.22	7.00	0.05	0.28	0.11	0.29
494	490440	3624436	10.88	1.64	0.33	0.00	1.31	0.20	6.76	0.05	0.25	0.10	0.26
495	490450	3624436	10.18	1.49	0.30	0.00	1.18	0.18	6.45	0.04	0.22	0.09	0.23
496	490460	3624436	9.46	1.35	0.27	0.00	1.06	0.16	6.08	0.04	0.20	0.08	0.21
497	490210	3624446	4.11	1.83	0.36	0.00	0.29	0.04	1.43	0.01	0.07	0.02	0.06
498	490220	3624446	4.87	2.28	0.45	0.00	0.33	0.05	1.58	0.01	0.08	0.03	0.06
499	490230	3624446	5.94	2.95	0.59	0.00	0.38	0.06	1.75	0.01	0.10	0.03	0.07
500	490240	3624446	7.54	4.02	0.80	0.00	0.44	0.07	1.96	0.01	0.11	0.03	0.09
501	490250	3624446	10.01	5.75	1.14	0.00	0.53	0.08	2.20	0.02	0.14	0.04	0.10
502	490370	3624446	19.56	3.85	0.77	0.00	4.18	0.64	8.14	0.06	0.78	0.33	0.82
503	490380	3624446	18.00	3.36	0.67	0.00	3.34	0.51	8.52	0.06	0.62	0.26	0.65
504	490390	3624446	16.85	2.95	0.59	0.00	2.77	0.42	8.77	0.06	0.52	0.22	0.54
505	490400	3624446	15.86	2.61	0.52	0.00	2.36	0.36	8.86	0.06	0.44	0.19	0.46
506	490410	3624446	14.93	2.32	0.46	0.00	2.05	0.31	8.78	0.06	0.38	0.16	0.40
507	490420	3624446	14.00	2.07	0.41	0.00	1.79	0.27	8.56	0.06	0.34	0.14	0.35
508	490430	3624446	13.05	1.85	0.37	0.00	1.58	0.24	8.22	0.06	0.30	0.12	0.31
509	490440	3624446	12.12	1.67	0.33	0.00	1.40	0.22	7.80	0.05	0.26	0.11	0.28
510	490450	3624446	11.20	1.51	0.30	0.00	1.25	0.19	7.33	0.05	0.23	0.10	0.25
511	490460	3624446	10.30	1.36	0.27	0.00	1.12	0.17	6.82	0.05	0.21	0.09	0.22
512	490210	3624456	4.34	1.94	0.39	0.00	0.30	0.05	1.51	0.01	0.07	0.02	0.06
513	490220	3624456	5.18	2.43	0.48	0.00	0.34	0.05	1.68	0.01	0.08	0.03	0.07
514	490230	3624456	6.33	3.16	0.63	0.00	0.40	0.06	1.87	0.01	0.10	0.03	0.08
515	490240	3624456	8.17	4.38	0.87	0.00	0.47	0.07	2.12	0.01	0.12	0.04	0.09
516	490250	3624456	11.02	6.37	1.27	0.00	0.56	0.09	2.41	0.02	0.16	0.04	0.11
517	490370	3624456	22.65	4.04	0.80	0.00	4.54	0.70	10.40	0.07	0.84	0.36	0.89
518	490380	3624456	21.05	3.51	0.70	0.00	3.68	0.56	10.84	0.07	0.68	0.29	0.72
519	490390	3624456	19.69	3.06	0.61	0.00	3.05	0.47	11.02	0.08	0.57	0.24	0.60
520	490400	3624456	18.42	2.68	0.53	0.00	2.59	0.40	10.96	0.08	0.48	0.20	0.51
521	490410	3624456	17.19	2.37	0.47	0.00	2.23	0.34	10.68	0.07	0.41	0.18	0.44
522	490420	3624456	15.96	2.10	0.42	0.00	1.95	0.30	10.23	0.07	0.36	0.15	0.38
523	490430	3624456	14.69	1.87	0.37	0.00	1.70	0.26	9.64	0.07	0.32	0.13	0.33
524	490440	3624456	13.46	1.68	0.33	0.00	1.50	0.23	8.97	0.06	0.28	0.12	0.29
525	490450	3624456	12.27	1.51	0.30	0.00	1.32	0.20	8.27	0.06	0.24	0.10	0.26
526	490460	3624456	11.11	1.36	0.27	0.00	1.16	0.18	7.55	0.05	0.22	0.09	0.23
527	490210	3624466	4.55	2.03	0.40	0.00	0.31	0.05	1.59	0.01	0.07	0.02	0.06
528	490220	3624466	5.47	2.57	0.51	0.00	0.35	0.05	1.78	0.01	0.09	0.03	0.07

Franklin School Project

Unmitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
53.76	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
529	490230	3624466	6.78	3.39	0.67	0.00	0.41	0.06	2.01	0.01	0.11	0.03	0.08
530	490240	3624466	8.78	4.70	0.93	0.00	0.49	0.07	2.30	0.02	0.13	0.04	0.10
531	490250	3624466	11.86	6.82	1.36	0.00	0.59	0.09	2.65	0.02	0.17	0.05	0.12
532	490370	3624466	26.66	4.19	0.83	0.00	4.92	0.75	13.61	0.09	0.91	0.39	0.97
533	490380	3624466	24.93	3.61	0.72	0.00	4.03	0.62	14.01	0.10	0.74	0.32	0.79
534	490390	3624466	23.11	3.11	0.62	0.00	3.32	0.51	13.94	0.10	0.61	0.26	0.65
535	490400	3624466	21.30	2.70	0.54	0.00	2.78	0.43	13.49	0.09	0.51	0.22	0.55
536	490410	3624466	19.59	2.36	0.47	0.00	2.38	0.36	12.83	0.09	0.44	0.19	0.47
537	490420	3624466	17.94	2.09	0.42	0.00	2.06	0.32	12.03	0.08	0.38	0.16	0.40
538	490430	3624466	16.31	1.86	0.37	0.00	1.79	0.27	11.11	0.08	0.33	0.14	0.35
539	490440	3624466	14.78	1.67	0.33	0.00	1.57	0.24	10.17	0.07	0.29	0.12	0.31
540	490450	3624466	13.24	1.49	0.30	0.00	1.37	0.21	9.18	0.06	0.25	0.11	0.27
541	490460	3624466	11.80	1.34	0.27	0.00	1.19	0.18	8.22	0.06	0.22	0.09	0.23
542	490210	3624476	4.72	2.09	0.42	0.00	0.31	0.05	1.67	0.01	0.08	0.02	0.06
543	490220	3624476	5.71	2.67	0.53	0.00	0.36	0.06	1.89	0.01	0.09	0.03	0.07
544	490230	3624476	7.18	3.57	0.71	0.00	0.43	0.07	2.16	0.01	0.11	0.03	0.08
545	490240	3624476	9.28	4.94	0.98	0.00	0.51	0.08	2.48	0.02	0.14	0.04	0.10
546	490250	3624476	12.49	7.11	1.41	0.00	0.62	0.09	2.89	0.02	0.18	0.05	0.12
547	490370	3624476	32.32	4.28	0.85	0.00	5.49	0.84	18.22	0.13	1.00	0.43	1.08
548	490380	3624476	29.99	3.65	0.73	0.00	4.43	0.68	18.36	0.13	0.81	0.35	0.87
549	490390	3624476	27.53	3.13	0.62	0.00	3.63	0.56	17.82	0.12	0.66	0.28	0.71
550	490400	3624476	24.96	2.69	0.54	0.00	3.01	0.46	16.76	0.12	0.55	0.24	0.59
551	490410	3624476	21.91	2.31	0.46	0.00	2.47	0.38	15.05	0.10	0.45	0.19	0.49
552	490420	3624476	19.47	2.02	0.40	0.00	2.10	0.32	13.58	0.09	0.38	0.16	0.41
553	490430	3624476	17.49	1.80	0.36	0.00	1.82	0.28	12.32	0.08	0.33	0.14	0.36
554	490440	3624476	15.58	1.61	0.32	0.00	1.58	0.24	11.04	0.08	0.29	0.12	0.31
555	490450	3624476	13.85	1.44	0.29	0.00	1.38	0.21	9.84	0.07	0.25	0.11	0.27
556	490460	3624476	12.21	1.29	0.26	0.00	1.19	0.18	8.68	0.06	0.22	0.09	0.23
557	490210	3624486	4.84	2.13	0.42	0.00	0.32	0.05	1.75	0.01	0.08	0.02	0.06
558	490220	3624486	5.89	2.73	0.54	0.00	0.37	0.06	1.99	0.01	0.09	0.03	0.07
559	490230	3624486	7.41	3.65	0.73	0.00	0.43	0.07	2.29	0.02	0.11	0.03	0.08
560	490240	3624486	9.65	5.07	1.01	0.00	0.52	0.08	2.67	0.02	0.14	0.04	0.10
561	490250	3624486	12.94	7.26	1.44	0.00	0.63	0.10	3.14	0.02	0.18	0.05	0.12
562	490380	3624486	37.62	3.69	0.73	0.00	5.03	0.77	24.95	0.17	0.90	0.39	0.99
563	490390	3624486	33.96	3.14	0.62	0.00	4.07	0.62	23.48	0.16	0.73	0.32	0.80
564	490400	3624486	29.49	2.67	0.53	0.00	3.28	0.50	20.89	0.14	0.59	0.26	0.64
565	490410	3624486	23.71	2.19	0.43	0.00	2.49	0.38	16.97	0.12	0.45	0.20	0.49
566	490420	3624486	20.53	1.90	0.38	0.00	2.08	0.32	14.80	0.10	0.37	0.16	0.41
567	490430	3624486	17.90	1.68	0.33	0.00	1.77	0.27	12.95	0.09	0.32	0.14	0.35
568	490440	3624486	15.68	1.50	0.30	0.00	1.52	0.23	11.36	0.08	0.27	0.12	0.30
569	490450	3624486	13.75	1.35	0.27	0.00	1.31	0.20	9.95	0.07	0.24	0.10	0.26
570	490460	3624486	12.23	1.22	0.24	0.00	1.15	0.18	8.84	0.06	0.21	0.09	0.23
571	490210	3624496	4.95	2.15	0.43	0.00	0.32	0.05	1.82	0.01	0.08	0.03	0.06
572	490220	3624496	6.07	2.78	0.55	0.00	0.37	0.06	2.09	0.01	0.09	0.03	0.07

Franklin School Project

Unmitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
53.76	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
573	490230	3624496	7.58	3.68	0.73	0.00	0.44	0.07	2.41	0.02	0.11	0.03	0.09
574	490240	3624496	9.89	5.12	1.02	0.00	0.53	0.08	2.85	0.02	0.14	0.04	0.10
575	490250	3624496	13.24	7.29	1.45	0.00	0.64	0.10	3.37	0.02	0.18	0.05	0.13
576	490390	3624496	42.99	3.13	0.62	0.00	4.66	0.71	31.55	0.22	0.82	0.37	0.91
577	490400	3624496	36.17	2.66	0.53	0.00	3.71	0.57	26.85	0.18	0.65	0.29	0.73
578	490410	3624496	29.09	2.23	0.44	0.00	2.87	0.44	21.66	0.15	0.51	0.23	0.56
579	490420	3624496	24.46	1.94	0.39	0.00	2.35	0.36	18.23	0.13	0.42	0.18	0.46
580	490430	3624496	20.47	1.70	0.34	0.00	1.93	0.30	15.23	0.10	0.35	0.15	0.38
581	490440	3624496	17.01	1.48	0.29	0.00	1.58	0.24	12.60	0.09	0.28	0.12	0.31
582	490450	3624496	14.38	1.31	0.26	0.00	1.33	0.20	10.60	0.07	0.24	0.10	0.26
583	490460	3624496	12.24	1.16	0.23	0.00	1.12	0.17	8.98	0.06	0.20	0.09	0.22
584	490210	3624506	4.99	2.14	0.43	0.00	0.32	0.05	1.88	0.01	0.08	0.03	0.06
585	490220	3624506	6.13	2.77	0.55	0.00	0.37	0.06	2.17	0.01	0.09	0.03	0.07
586	490230	3624506	7.71	3.69	0.73	0.00	0.44	0.07	2.54	0.02	0.11	0.03	0.09
587	490240	3624506	9.96	5.05	1.00	0.00	0.53	0.08	2.99	0.02	0.14	0.04	0.10
588	490250	3624506	13.38	7.23	1.44	0.00	0.64	0.10	3.59	0.02	0.18	0.05	0.13
589	490400	3624506	45.81	2.64	0.53	0.00	4.38	0.67	35.39	0.24	0.76	0.34	0.86
590	490410	3624506	37.18	2.28	0.45	0.00	3.47	0.53	28.68	0.20	0.61	0.27	0.68
591	490420	3624506	29.97	1.99	0.40	0.00	2.75	0.42	23.02	0.16	0.48	0.22	0.54
592	490430	3624506	23.72	1.72	0.34	0.00	2.15	0.33	18.09	0.12	0.38	0.17	0.42
593	490440	3624506	19.36	1.51	0.30	0.00	1.74	0.27	14.65	0.10	0.31	0.14	0.34
594	490450	3624506	15.78	1.32	0.26	0.00	1.41	0.22	11.84	0.08	0.25	0.11	0.28
595	490460	3624506	12.90	1.16	0.23	0.00	1.15	0.18	9.59	0.07	0.21	0.09	0.23
596	490210	3624516	4.99	2.10	0.42	0.00	0.32	0.05	1.93	0.01	0.08	0.02	0.06
597	490220	3624516	6.12	2.71	0.54	0.00	0.37	0.06	2.24	0.02	0.09	0.03	0.07
598	490230	3624516	7.63	3.56	0.71	0.00	0.44	0.07	2.61	0.02	0.11	0.03	0.09
599	490240	3624516	9.85	4.88	0.97	0.00	0.52	0.08	3.11	0.02	0.14	0.04	0.10
600	490250	3624516	13.23	6.99	1.39	0.00	0.63	0.10	3.75	0.03	0.17	0.05	0.12
601	490410	3624516	42.02	2.20	0.44	0.00	3.71	0.57	33.21	0.23	0.64	0.29	0.73
602	490420	3624516	32.32	1.91	0.38	0.00	2.83	0.43	25.32	0.17	0.50	0.22	0.56
603	490430	3624516	25.12	1.67	0.33	0.00	2.19	0.34	19.47	0.13	0.39	0.17	0.43
604	490440	3624516	20.13	1.47	0.29	0.00	1.76	0.27	15.45	0.11	0.31	0.14	0.34
605	490450	3624516	16.35	1.29	0.26	0.00	1.43	0.22	12.43	0.09	0.26	0.11	0.28
606	490460	3624516	13.32	1.14	0.23	0.00	1.16	0.18	10.02	0.07	0.21	0.09	0.23
607	490210	3624526	4.91	2.02	0.40	0.00	0.31	0.05	1.96	0.01	0.07	0.02	0.06
608	490220	3624526	6.01	2.59	0.52	0.00	0.36	0.06	2.28	0.02	0.09	0.03	0.07
609	490230	3624526	7.47	3.39	0.67	0.00	0.43	0.07	2.67	0.02	0.11	0.03	0.08
610	490240	3624526	9.57	4.60	0.91	0.00	0.51	0.08	3.18	0.02	0.13	0.04	0.10
611	490250	3624526	12.78	6.56	1.30	0.00	0.61	0.09	3.85	0.03	0.16	0.05	0.12
612	490410	3624526	44.96	2.09	0.42	0.00	3.77	0.58	36.17	0.25	0.65	0.30	0.74
613	490420	3624526	33.32	1.82	0.36	0.00	2.80	0.43	26.46	0.18	0.49	0.22	0.55
614	490430	3624526	25.33	1.59	0.32	0.00	2.14	0.33	19.86	0.14	0.38	0.17	0.42
615	490440	3624526	20.01	1.40	0.28	0.00	1.70	0.26	15.50	0.11	0.30	0.13	0.33
616	490450	3624526	16.13	1.24	0.25	0.00	1.38	0.21	12.34	0.08	0.25	0.11	0.27

Franklin School Project

Unmitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
53.76	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
617	490460	3624526	13.02	1.09	0.22	0.00	1.12	0.17	9.85	0.07	0.20	0.09	0.22
618	490210	3624536	4.78	1.91	0.38	0.00	0.31	0.05	1.97	0.01	0.07	0.02	0.06
619	490220	3624536	5.78	2.41	0.48	0.00	0.35	0.05	2.28	0.02	0.08	0.03	0.07
620	490230	3624536	7.17	3.15	0.63	0.00	0.42	0.06	2.69	0.02	0.10	0.03	0.08
621	490240	3624536	9.05	4.19	0.83	0.00	0.49	0.07	3.19	0.02	0.12	0.04	0.10
622	490250	3624536	11.97	5.91	1.17	0.00	0.59	0.09	3.87	0.03	0.15	0.05	0.12
623	490410	3624536	44.10	1.97	0.39	0.00	3.55	0.54	35.81	0.25	0.61	0.28	0.70
624	490420	3624536	31.97	1.72	0.34	0.00	2.60	0.40	25.56	0.18	0.45	0.20	0.51
625	490430	3624536	24.22	1.51	0.30	0.00	1.99	0.31	19.09	0.13	0.35	0.16	0.39
626	490440	3624536	19.12	1.33	0.26	0.00	1.59	0.24	14.87	0.10	0.28	0.12	0.31
627	490450	3624536	15.55	1.19	0.24	0.00	1.30	0.20	11.95	0.08	0.23	0.10	0.26
628	490460	3624536	12.66	1.05	0.21	0.00	1.07	0.16	9.61	0.07	0.19	0.08	0.21
629	490210	3624546	4.61	1.79	0.36	0.00	0.30	0.05	1.96	0.01	0.07	0.02	0.06
630	490220	3624546	5.50	2.22	0.44	0.00	0.34	0.05	2.26	0.02	0.08	0.03	0.07
631	490230	3624546	6.72	2.83	0.56	0.00	0.40	0.06	2.65	0.02	0.09	0.03	0.08
632	490240	3624546	8.41	3.71	0.74	0.00	0.47	0.07	3.15	0.02	0.11	0.04	0.09
633	490250	3624546	10.90	5.09	1.01	0.00	0.56	0.09	3.83	0.03	0.14	0.04	0.11
634	490410	3624546	38.87	1.84	0.37	0.00	3.05	0.47	31.56	0.22	0.53	0.24	0.60
635	490420	3624546	28.75	1.61	0.32	0.00	2.29	0.35	22.99	0.16	0.40	0.18	0.45
636	490430	3624546	22.14	1.42	0.28	0.00	1.79	0.27	17.45	0.12	0.32	0.14	0.35
637	490440	3624546	17.67	1.26	0.25	0.00	1.45	0.22	13.74	0.09	0.26	0.11	0.28
638	490450	3624546	14.44	1.12	0.22	0.00	1.20	0.18	11.10	0.08	0.21	0.09	0.24
639	490460	3624546	12.02	1.01	0.20	0.00	1.01	0.15	9.13	0.06	0.18	0.08	0.20
640	490210	3624556	4.39	1.64	0.33	0.00	0.29	0.04	1.93	0.01	0.07	0.02	0.06
641	490220	3624556	5.21	2.02	0.40	0.00	0.33	0.05	2.23	0.02	0.08	0.03	0.06
642	490230	3624556	6.29	2.53	0.50	0.00	0.38	0.06	2.61	0.02	0.09	0.03	0.07
643	490240	3624556	7.74	3.23	0.64	0.00	0.45	0.07	3.10	0.02	0.10	0.03	0.09
644	490250	3624556	9.74	4.25	0.84	0.00	0.53	0.08	3.74	0.03	0.12	0.04	0.10
645	490410	3624556	31.79	1.70	0.34	0.00	2.45	0.38	25.65	0.18	0.43	0.19	0.48
646	490420	3624556	24.67	1.50	0.30	0.00	1.94	0.30	19.63	0.13	0.34	0.15	0.38
647	490430	3624556	19.59	1.33	0.26	0.00	1.57	0.24	15.37	0.11	0.28	0.12	0.31
648	490440	3624556	15.94	1.18	0.24	0.00	1.30	0.20	12.36	0.08	0.23	0.10	0.25
649	490450	3624556	13.21	1.06	0.21	0.00	1.09	0.17	10.12	0.07	0.19	0.09	0.21
650	490460	3624556	11.10	0.96	0.19	0.00	0.92	0.14	8.41	0.06	0.17	0.07	0.18
651	490210	3624566	4.17	1.51	0.30	0.00	0.28	0.04	1.89	0.01	0.06	0.02	0.05
652	490220	3624566	4.91	1.83	0.36	0.00	0.31	0.05	2.18	0.02	0.07	0.02	0.06
653	490230	3624566	5.84	2.24	0.44	0.00	0.36	0.06	2.55	0.02	0.08	0.03	0.07
654	490240	3624566	7.06	2.77	0.55	0.00	0.42	0.06	3.01	0.02	0.10	0.03	0.08
655	490250	3624566	8.64	3.49	0.69	0.00	0.50	0.08	3.61	0.02	0.11	0.04	0.10
656	490260	3624566	10.71	4.42	0.88	0.00	0.59	0.09	4.40	0.03	0.14	0.05	0.12
657	490270	3624566	13.40	5.56	1.11	0.00	0.72	0.11	5.51	0.04	0.16	0.06	0.14
658	490280	3624566	16.70	6.72	1.34	0.00	0.90	0.14	7.12	0.05	0.20	0.07	0.18
659	490290	3624566	20.47	7.55	1.50	0.00	1.14	0.17	9.49	0.07	0.24	0.09	0.22
660	490300	3624566	25.00	7.80	1.55	0.00	1.48	0.23	13.15	0.09	0.30	0.12	0.29

Franklin School Project

Unmitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
53.76	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
661	490310	3624566	30.42	7.42	1.48	0.00	1.91	0.29	18.30	0.13	0.37	0.15	0.38
662	490320	3624566	36.93	6.51	1.30	0.00	2.41	0.37	25.06	0.17	0.45	0.19	0.47
663	490330	3624566	43.83	5.45	1.08	0.00	2.84	0.44	32.49	0.22	0.52	0.22	0.56
664	490340	3624566	49.84	4.53	0.90	0.00	3.17	0.49	39.04	0.27	0.57	0.25	0.62
665	490350	3624566	53.23	3.78	0.75	0.00	3.36	0.52	43.00	0.30	0.60	0.26	0.66
666	490360	3624566	53.76	3.18	0.63	0.00	3.42	0.52	44.16	0.30	0.60	0.27	0.67
667	490370	3624566	51.49	2.71	0.54	0.00	3.35	0.51	42.59	0.29	0.59	0.26	0.66
668	490380	3624566	46.65	2.34	0.46	0.00	3.15	0.48	38.53	0.26	0.55	0.25	0.62
669	490390	3624566	39.50	2.03	0.40	0.00	2.80	0.43	32.35	0.22	0.49	0.22	0.55
670	490400	3624566	31.87	1.77	0.35	0.00	2.36	0.36	25.77	0.18	0.41	0.19	0.46
671	490410	3624566	25.46	1.56	0.31	0.00	1.95	0.30	20.33	0.14	0.34	0.15	0.38
672	490420	3624566	20.67	1.39	0.28	0.00	1.62	0.25	16.30	0.11	0.29	0.13	0.32
673	490430	3624566	16.94	1.24	0.25	0.00	1.35	0.21	13.20	0.09	0.24	0.11	0.27
674	490440	3624566	14.11	1.11	0.22	0.00	1.14	0.17	10.87	0.07	0.20	0.09	0.22
675	490450	3624566	11.89	1.00	0.20	0.00	0.98	0.15	9.06	0.06	0.18	0.08	0.19
676	490460	3624566	10.15	0.90	0.18	0.00	0.84	0.13	7.66	0.05	0.15	0.07	0.17
677	490210	3624576	3.90	1.36	0.27	0.00	0.26	0.04	1.83	0.01	0.06	0.02	0.05
678	490220	3624576	4.53	1.61	0.32	0.00	0.30	0.05	2.09	0.01	0.07	0.02	0.06
679	490230	3624576	5.34	1.94	0.39	0.00	0.34	0.05	2.43	0.02	0.08	0.03	0.07
680	490240	3624576	6.31	2.34	0.47	0.00	0.39	0.06	2.84	0.02	0.09	0.03	0.08
681	490250	3624576	7.59	2.84	0.57	0.00	0.46	0.07	3.40	0.02	0.10	0.04	0.09
682	490260	3624576	9.15	3.44	0.68	0.00	0.54	0.08	4.10	0.03	0.12	0.04	0.11
683	490270	3624576	11.04	4.11	0.82	0.00	0.64	0.10	5.02	0.03	0.14	0.05	0.13
684	490280	3624576	13.40	4.75	0.95	0.00	0.79	0.12	6.37	0.04	0.17	0.06	0.15
685	490290	3624576	16.12	5.21	1.04	0.00	0.97	0.15	8.23	0.06	0.20	0.08	0.19
686	490300	3624576	19.19	5.39	1.07	0.00	1.19	0.18	10.72	0.07	0.24	0.09	0.23
687	490310	3624576	22.90	5.22	1.04	0.00	1.47	0.23	14.14	0.10	0.29	0.12	0.29
688	490320	3624576	26.96	4.79	0.95	0.00	1.77	0.27	18.23	0.13	0.34	0.14	0.35
689	490330	3624576	30.81	4.22	0.84	0.00	2.03	0.31	22.32	0.15	0.38	0.16	0.40
690	490340	3624576	34.14	3.68	0.73	0.00	2.24	0.34	25.94	0.18	0.41	0.18	0.44
691	490350	3624576	36.09	3.18	0.63	0.00	2.37	0.36	28.27	0.19	0.43	0.19	0.46
692	490360	3624576	36.53	2.75	0.55	0.00	2.41	0.37	29.16	0.20	0.43	0.19	0.47
693	490370	3624576	35.31	2.39	0.47	0.00	2.38	0.36	28.44	0.20	0.42	0.19	0.47
694	490380	3624576	32.63	2.09	0.42	0.00	2.26	0.35	26.32	0.18	0.40	0.18	0.44
695	490390	3624576	28.81	1.83	0.36	0.00	2.07	0.32	23.14	0.16	0.37	0.16	0.41
696	490400	3624576	24.54	1.62	0.32	0.00	1.82	0.28	19.55	0.13	0.32	0.14	0.36
697	490410	3624576	20.56	1.43	0.29	0.00	1.57	0.24	16.21	0.11	0.28	0.12	0.31
698	490420	3624576	17.30	1.28	0.26	0.00	1.35	0.21	13.50	0.09	0.24	0.11	0.27
699	490430	3624576	14.60	1.15	0.23	0.00	1.16	0.18	11.27	0.08	0.21	0.09	0.23
700	490440	3624576	12.42	1.04	0.21	0.00	1.00	0.15	9.49	0.07	0.18	0.08	0.20
701	490450	3624576	10.64	0.94	0.19	0.00	0.87	0.13	8.05	0.06	0.16	0.07	0.17
702	490460	3624576	9.21	0.85	0.17	0.00	0.76	0.12	6.91	0.05	0.14	0.06	0.15
703	490210	3624586	3.65	1.22	0.24	0.00	0.25	0.04	1.76	0.01	0.05	0.02	0.05
704	490220	3624586	4.21	1.44	0.29	0.00	0.28	0.04	2.01	0.01	0.06	0.02	0.06

Franklin School Project

Unmitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
53.76	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
705	490230	3624586	4.87	1.68	0.34	0.00	0.32	0.05	2.31	0.02	0.07	0.02	0.06
706	490240	3624586	5.68	1.99	0.39	0.00	0.36	0.06	2.68	0.02	0.08	0.03	0.07
707	490250	3624586	6.68	2.34	0.47	0.00	0.42	0.06	3.16	0.02	0.09	0.03	0.08
708	490260	3624586	7.92	2.75	0.55	0.00	0.49	0.08	3.79	0.03	0.11	0.04	0.10
709	490270	3624586	9.37	3.17	0.63	0.00	0.58	0.09	4.59	0.03	0.13	0.05	0.11
710	490280	3624586	11.15	3.55	0.71	0.00	0.69	0.11	5.71	0.04	0.15	0.05	0.14
711	490290	3624586	13.08	3.83	0.76	0.00	0.83	0.13	7.09	0.05	0.17	0.06	0.16
712	490300	3624586	15.34	3.95	0.79	0.00	0.99	0.15	8.92	0.06	0.20	0.08	0.19
713	490310	3624586	17.73	3.89	0.77	0.00	1.17	0.18	11.09	0.08	0.23	0.09	0.23
714	490320	3624586	20.40	3.67	0.73	0.00	1.36	0.21	13.70	0.09	0.26	0.11	0.27
715	490330	3624586	22.80	3.35	0.67	0.00	1.53	0.23	16.20	0.11	0.29	0.12	0.30
716	490340	3624586	24.74	3.02	0.60	0.00	1.67	0.26	18.31	0.13	0.31	0.13	0.33
717	490350	3624586	25.93	2.68	0.53	0.00	1.75	0.27	19.75	0.14	0.32	0.14	0.34
718	490360	3624586	26.30	2.37	0.47	0.00	1.79	0.27	20.43	0.14	0.32	0.14	0.35
719	490370	3624586	25.70	2.10	0.42	0.00	1.78	0.27	20.19	0.14	0.32	0.14	0.35
720	490380	3624586	24.22	1.86	0.37	0.00	1.71	0.26	19.10	0.13	0.31	0.13	0.34
721	490390	3624586	22.02	1.65	0.33	0.00	1.60	0.24	17.35	0.12	0.29	0.13	0.31
722	490400	3624586	19.42	1.47	0.29	0.00	1.45	0.22	15.23	0.10	0.26	0.11	0.28
723	490410	3624586	16.85	1.32	0.26	0.00	1.29	0.20	13.11	0.09	0.23	0.10	0.25
724	490420	3624586	14.64	1.19	0.24	0.00	1.14	0.18	11.29	0.08	0.21	0.09	0.22
725	490430	3624586	12.64	1.07	0.21	0.00	1.01	0.15	9.67	0.07	0.18	0.08	0.20
726	490440	3624586	10.95	0.97	0.19	0.00	0.89	0.14	8.30	0.06	0.16	0.07	0.17
727	490450	3624586	9.52	0.88	0.18	0.00	0.78	0.12	7.15	0.05	0.14	0.06	0.15
728	490460	3624586	8.34	0.81	0.16	0.00	0.69	0.11	6.22	0.04	0.13	0.05	0.14
729	490210	3624596	3.42	1.11	0.22	0.00	0.24	0.04	1.69	0.01	0.05	0.02	0.05
730	490220	3624596	3.90	1.28	0.25	0.00	0.26	0.04	1.92	0.01	0.06	0.02	0.05
731	490230	3624596	4.46	1.47	0.29	0.00	0.30	0.05	2.19	0.02	0.07	0.02	0.06
732	490240	3624596	5.15	1.70	0.34	0.00	0.34	0.05	2.53	0.02	0.07	0.03	0.07
733	490250	3624596	5.95	1.96	0.39	0.00	0.39	0.06	2.94	0.02	0.08	0.03	0.08
734	490260	3624596	6.92	2.24	0.44	0.00	0.45	0.07	3.48	0.02	0.10	0.04	0.09
735	490270	3624596	8.07	2.52	0.50	0.00	0.52	0.08	4.17	0.03	0.11	0.04	0.10
736	490280	3624596	9.41	2.77	0.55	0.00	0.61	0.09	5.06	0.03	0.13	0.05	0.12
737	490290	3624596	10.81	2.95	0.59	0.00	0.71	0.11	6.08	0.04	0.15	0.06	0.14
738	490300	3624596	12.46	3.04	0.60	0.00	0.83	0.13	7.42	0.05	0.17	0.06	0.16
739	490310	3624596	14.12	3.03	0.60	0.00	0.95	0.15	8.89	0.06	0.19	0.07	0.19
740	490320	3624596	15.90	2.91	0.58	0.00	1.08	0.17	10.59	0.07	0.21	0.08	0.21
741	490330	3624596	17.53	2.72	0.54	0.00	1.20	0.18	12.24	0.08	0.23	0.09	0.24
742	490340	3624596	18.75	2.51	0.50	0.00	1.29	0.20	13.56	0.09	0.24	0.10	0.25
743	490350	3624596	19.54	2.28	0.45	0.00	1.35	0.21	14.52	0.10	0.25	0.11	0.27
744	490360	3624596	19.88	2.06	0.41	0.00	1.39	0.21	15.07	0.10	0.25	0.11	0.27
745	490370	3624596	19.63	1.85	0.37	0.00	1.39	0.21	15.07	0.10	0.25	0.11	0.27
746	490380	3624596	18.80	1.66	0.33	0.00	1.35	0.21	14.52	0.10	0.25	0.11	0.27
747	490390	3624596	17.45	1.49	0.30	0.00	1.28	0.20	13.50	0.09	0.23	0.10	0.25
748	490400	3624596	15.75	1.34	0.27	0.00	1.18	0.18	12.15	0.08	0.21	0.09	0.23

Franklin School Project

Unmitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
53.76	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
749	490410	3624596	14.02	1.21	0.24	0.00	1.08	0.17	10.76	0.07	0.19	0.08	0.21
750	490420	3624596	12.42	1.10	0.22	0.00	0.97	0.15	9.48	0.07	0.18	0.08	0.19
751	490430	3624596	10.95	1.00	0.20	0.00	0.87	0.13	8.29	0.06	0.16	0.07	0.17
752	490440	3624596	9.65	0.91	0.18	0.00	0.78	0.12	7.26	0.05	0.14	0.06	0.15
753	490450	3624596	8.52	0.83	0.17	0.00	0.70	0.11	6.36	0.04	0.13	0.05	0.14
754	490460	3624596	7.56	0.76	0.15	0.00	0.63	0.10	5.60	0.04	0.11	0.05	0.12
755	490210	3624606	3.19	1.00	0.20	0.00	0.22	0.03	1.61	0.01	0.05	0.02	0.04
756	490220	3624606	3.59	1.13	0.23	0.00	0.25	0.04	1.81	0.01	0.05	0.02	0.05
757	490230	3624606	4.07	1.29	0.26	0.00	0.28	0.04	2.06	0.01	0.06	0.02	0.05
758	490240	3624606	4.64	1.46	0.29	0.00	0.31	0.05	2.35	0.02	0.07	0.02	0.06
759	490250	3624606	5.32	1.66	0.33	0.00	0.36	0.05	2.73	0.02	0.08	0.03	0.07
760	490260	3624606	6.10	1.86	0.37	0.00	0.41	0.06	3.18	0.02	0.09	0.03	0.08
761	490270	3624606	6.99	2.05	0.41	0.00	0.47	0.07	3.75	0.03	0.10	0.04	0.09
762	490280	3624606	8.02	2.22	0.44	0.00	0.54	0.08	4.45	0.03	0.11	0.04	0.11
763	490290	3624606	9.11	2.35	0.47	0.00	0.61	0.09	5.25	0.04	0.13	0.05	0.12
764	490300	3624606	10.30	2.42	0.48	0.00	0.70	0.11	6.21	0.04	0.14	0.05	0.14
765	490310	3624606	11.49	2.43	0.48	0.00	0.79	0.12	7.25	0.05	0.16	0.06	0.15
766	490320	3624606	12.73	2.37	0.47	0.00	0.88	0.13	8.40	0.06	0.17	0.07	0.17
767	490330	3624606	13.88	2.26	0.45	0.00	0.97	0.15	9.55	0.07	0.18	0.08	0.19
768	490340	3624606	14.73	2.12	0.42	0.00	1.03	0.16	10.45	0.07	0.20	0.08	0.20
769	490350	3624606	15.31	1.96	0.39	0.00	1.08	0.17	11.13	0.08	0.20	0.08	0.21
770	490360	3624606	15.63	1.80	0.36	0.00	1.11	0.17	11.60	0.08	0.21	0.09	0.22
771	490370	3624606	15.58	1.64	0.33	0.00	1.12	0.17	11.72	0.08	0.21	0.09	0.22
772	490380	3624606	15.12	1.49	0.30	0.00	1.10	0.17	11.47	0.08	0.20	0.09	0.22
773	490390	3624606	14.25	1.36	0.27	0.00	1.06	0.16	10.85	0.07	0.19	0.08	0.21
774	490400	3624606	13.03	1.23	0.24	0.00	0.99	0.15	9.90	0.07	0.18	0.08	0.19
775	490410	3624606	11.84	1.11	0.22	0.00	0.91	0.14	8.97	0.06	0.17	0.07	0.18
776	490420	3624606	10.69	1.02	0.20	0.00	0.84	0.13	8.06	0.06	0.15	0.07	0.16
777	490430	3624606	9.58	0.93	0.18	0.00	0.77	0.12	7.19	0.05	0.14	0.06	0.15
778	490440	3624606	8.58	0.85	0.17	0.00	0.69	0.11	6.39	0.04	0.13	0.05	0.14
779	490450	3624606	7.67	0.78	0.16	0.00	0.63	0.10	5.68	0.04	0.12	0.05	0.12
780	490460	3624606	6.88	0.72	0.14	0.00	0.57	0.09	5.06	0.03	0.10	0.04	0.11
781	490210	3624616	2.97	0.90	0.18	0.00	0.21	0.03	1.53	0.01	0.05	0.02	0.04
782	490220	3624616	3.32	1.01	0.20	0.00	0.23	0.04	1.71	0.01	0.05	0.02	0.05
783	490230	3624616	3.73	1.14	0.23	0.00	0.26	0.04	1.93	0.01	0.06	0.02	0.05
784	490240	3624616	4.21	1.27	0.25	0.00	0.29	0.04	2.20	0.02	0.06	0.02	0.06
785	490250	3624616	4.78	1.42	0.28	0.00	0.33	0.05	2.52	0.02	0.07	0.03	0.06
786	490260	3624616	5.41	1.57	0.31	0.00	0.37	0.06	2.91	0.02	0.08	0.03	0.07
787	490270	3624616	6.13	1.71	0.34	0.00	0.42	0.06	3.37	0.02	0.09	0.03	0.08
788	490280	3624616	6.94	1.83	0.36	0.00	0.48	0.07	3.94	0.03	0.10	0.04	0.09
789	490290	3624616	7.77	1.93	0.38	0.00	0.53	0.08	4.56	0.03	0.11	0.04	0.10
790	490300	3624616	8.64	1.98	0.39	0.00	0.60	0.09	5.25	0.04	0.12	0.05	0.12
791	490310	3624616	9.54	2.00	0.40	0.00	0.67	0.10	6.02	0.04	0.13	0.05	0.13
792	490320	3624616	10.45	1.97	0.39	0.00	0.73	0.11	6.85	0.05	0.14	0.06	0.14

Franklin School Project

Unmitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
53.76	**Max**

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
793	490330	3624616	11.28	1.90	0.38	0.00	0.80	0.12	7.66	0.05	0.15	0.06	0.16
794	490340	3624616	11.89	1.81	0.36	0.00	0.85	0.13	8.29	0.06	0.16	0.07	0.17
795	490350	3624616	12.37	1.70	0.34	0.00	0.89	0.14	8.84	0.06	0.17	0.07	0.17
796	490360	3624616	12.66	1.58	0.31	0.00	0.92	0.14	9.22	0.06	0.17	0.07	0.18
797	490370	3624616	12.69	1.46	0.29	0.00	0.93	0.14	9.38	0.06	0.17	0.07	0.18
798	490380	3624616	12.41	1.34	0.27	0.00	0.92	0.14	9.26	0.06	0.17	0.07	0.18
799	490390	3624616	11.83	1.23	0.24	0.00	0.89	0.14	8.86	0.06	0.16	0.07	0.17
800	490400	3624616	10.95	1.12	0.22	0.00	0.84	0.13	8.20	0.06	0.15	0.07	0.16
801	490410	3624616	10.11	1.03	0.20	0.00	0.78	0.12	7.56	0.05	0.14	0.06	0.15
802	490420	3624616	9.29	0.94	0.19	0.00	0.73	0.11	6.93	0.05	0.13	0.06	0.14
803	490430	3624616	8.46	0.87	0.17	0.00	0.68	0.10	6.28	0.04	0.12	0.05	0.13
804	490440	3624616	7.67	0.80	0.16	0.00	0.62	0.10	5.67	0.04	0.11	0.05	0.12
805	490450	3624616	6.94	0.74	0.15	0.00	0.57	0.09	5.10	0.04	0.10	0.04	0.11
806	490460	3624616	6.27	0.68	0.14	0.00	0.52	0.08	4.58	0.03	0.10	0.04	0.10

Franklin School Project

Unmitigated Residential - Residential Construction Health Impact Assessment

547	Receptor
0.49	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
1	1.99E-03	9.29E-05	4.49E-05	2.27E-07	0.000434	0.000264	0.000258	3.54E-05	0.000177	0.000339118	0.000339118
2	2.19E-03	0.000102	4.95E-05	2.59E-07	0.000478	0.000291	0.000282	3.87E-05	0.000195	0.000373771	0.000373771
3	2.40E-03	0.000112	5.43E-05	2.89E-07	0.000526	0.000321	0.000308	4.22E-05	0.000214	0.000411033	0.000411033
4	2.62E-03	0.000122	5.92E-05	3.17E-07	0.000576	0.000351	0.000334	4.58E-05	0.000235	0.000450231	0.000450231
5	2.85E-03	0.000132	6.39E-05	3.41E-07	0.000627	0.000382	0.000361	4.94E-05	0.000255	0.000489959	0.000489959
6	3.07E-03	0.000142	6.83E-05	3.6E-07	0.000676	0.000412	0.000386	5.29E-05	0.000275	0.00052829	0.00052829
7	3.29E-03	0.000151	7.27E-05	3.72E-07	0.000726	0.000442	0.000412	5.64E-05	0.000295	0.000567215	0.000567215
8	3.47E-03	0.00016	7.69E-05	3.77E-07	0.000767	0.000468	0.000433	5.93E-05	0.000312	0.000599543	0.000599543
9	3.69E-03	0.000169	8.17E-05	3.83E-07	0.000815	0.000497	0.000457	6.27E-05	0.000332	0.000637432	0.000637432
10	3.89E-03	0.00018	8.69E-05	3.94E-07	0.000858	0.000524	0.000478	6.56E-05	0.00035	0.000671327	0.000671327
11	4.19E-03	0.000192	9.29E-05	4.07E-07	0.000927	0.000566	0.000512	7.01E-05	0.000378	0.000725101	0.000725101
12	4.49E-03	0.000204	9.85E-05	4.13E-07	0.000996	0.000608	0.000547	7.5E-05	0.000405	0.0007794	0.0007794
13	4.76E-03	0.000213	0.000103	4.08E-07	0.001056	0.000645	0.000579	7.94E-05	0.000429	0.00082672	0.00082672
14	4.98E-03	0.000219	0.000106	3.92E-07	0.001106	0.000675	0.000608	8.34E-05	0.000448	0.000865805	0.000865805
15	5.13E-03	0.000221	0.000107	3.66E-07	0.001141	0.000697	0.000633	8.69E-05	0.000461	0.000893639	0.000893639
16	5.20E-03	0.000218	0.000105	3.35E-07	0.001155	0.000705	0.00065	8.92E-05	0.000465	0.000904353	0.000904353
17	2.23E-03	0.000106	5.14E-05	3.64E-07	0.000488	0.000297	0.000289	3.96E-05	0.000199	0.000380846	0.000380846
18	2.49E-03	0.000119	5.75E-05	4.07E-07	0.000546	0.000332	0.00032	4.38E-05	0.000223	0.000425759	0.000425759
19	2.77E-03	0.000133	6.41E-05	4.5E-07	0.000609	0.00037	0.000353	4.83E-05	0.000249	0.000474687	0.000474687
20	3.08E-03	0.000147	7.09E-05	4.91E-07	0.000677	0.000412	0.000388	5.31E-05	0.000276	0.000527992	0.000527992
21	3.39E-03	0.000161	7.77E-05	5.3E-07	0.000747	0.000455	0.000424	5.8E-05	0.000305	0.000583148	0.000583148
22	3.71E-03	0.000175	8.42E-05	5.58E-07	0.000818	0.000498	0.000459	6.28E-05	0.000334	0.000638156	0.000638156
23	4.02E-03	0.000188	9.05E-05	5.62E-07	0.000888	0.000541	0.000494	6.77E-05	0.000362	0.000693517	0.000693517
24	4.29E-03	0.000201	9.67E-05	5.37E-07	0.000948	0.000578	0.000524	7.18E-05	0.000387	0.00074092	0.00074092
25	4.60E-03	0.000216	0.000104	5.34E-07	0.001017	0.00062	0.000558	7.64E-05	0.000416	0.000794884	0.000794884
26	4.90E-03	0.000232	0.000112	5.5E-07	0.001085	0.000662	0.00059	8.08E-05	0.000444	0.000848455	0.000848455
27	5.35E-03	0.000249	0.00012	5.64E-07	0.001189	0.000725	0.000639	8.75E-05	0.000485	0.000929694	0.000929694
28	5.78E-03	0.000264	0.000127	5.58E-07	0.001287	0.000785	0.000689	9.44E-05	0.000524	0.001006622	0.001006622
29	6.13E-03	0.000274	0.000132	5.32E-07	0.001366	0.000834	0.000732	0.0001	0.000555	0.001069214	0.001069214
30	6.38E-03	0.000277	0.000134	4.89E-07	0.001421	0.000868	0.00077	0.000106	0.000575	0.001112754	0.001112754
31	6.49E-03	0.000273	0.000132	4.38E-07	0.001446	0.000883	0.000797	0.000109	0.000582	0.001132392	0.001132392
32	6.45E-03	0.000264	0.000128	3.87E-07	0.001435	0.000877	0.000808	0.000111	0.000575	0.001124186	0.001124186
33	2.51E-03	0.000122	5.9E-05	3.49E-07	0.000548	0.000334	0.000324	4.43E-05	0.000224	0.000428018	0.000428018
34	2.85E-03	0.000139	6.72E-05	4.95E-07	0.000623	0.000378	0.000363	4.96E-05	0.000255	0.000485444	0.000485444
35	3.23E-03	0.000158	7.65E-05	4.15E-07	0.000706	0.00043	0.000406	5.56E-05	0.00029	0.000551621	0.000551621
36	3.65E-03	0.000179	8.64E-05	4.74E-07	0.000801	0.000488	0.000454	6.21E-05	0.000329	0.000625421	0.000625421
37	4.10E-03	0.0002	9.66E-05	5.4E-07	0.000902	0.00055	0.000504	6.9E-05	0.000371	0.000704756	0.000704756
38	4.56E-03	0.000222	0.000106	5.96E-07	0.001005	0.000612	0.000554	7.58E-05	0.000413	0.000785299	0.000785299
39	5.04E-03	0.000245	0.000116	6.9E-07	0.001113	0.000678	0.000605	8.28E-05	0.000456	0.000869245	0.000869245
40	5.46E-03	0.000263	0.000126	7.92E-07	0.001209	0.000736	0.000651	8.9E-05	0.000495	0.000943843	0.000943843
41	5.90E-03	0.000285	0.000137	7.83E-07	0.001308	0.000797	0.000697	9.54E-05	0.000537	0.001021884	0.001021884
42	6.41E-03	0.00031	0.000149	8.12E-07	0.001422	0.000866	0.000747	0.000102	0.000585	0.001111034	0.001111034
43	7.11E-03	0.000334	0.000162	8.09E-07	0.001586	0.000967	0.000824	0.000113	0.000648	0.001239684	0.001239684
44	7.70E-03	0.000351	0.00017	7.61E-07	0.00172	0.001049	0.000892	0.000122	0.000701	0.001345218	0.001345218

Franklin School Project

Unmitigated Residential - Residential Construction Health Impact Assessment

547	Receptor
0.49	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
45	8.12E-03	0.000357	0.000173	6.83E-07	0.001816	0.001109	0.000952	0.00013	0.000737	0.001421337	0.001421337
46	8.32E-03	0.000352	0.000171	5.94E-07	0.001861	0.001137	0.000997	0.000137	0.000751	0.001457243	0.001457243
47	8.27E-03	0.000338	0.000164	5.08E-07	0.001848	0.001129	0.001018	0.00014	0.000741	0.001447355	0.001447355
48	8.00E-03	0.000316	0.000153	4.3E-07	0.001784	0.00109	0.001012	0.000139	0.000712	0.001397721	0.001397721
49	2.83E-03	0.00014	6.79E-05	3.59E-07	0.000616	0.000375	0.000363	4.97E-05	0.000253	0.000481188	0.000481188
50	3.26E-03	0.000164	7.91E-05	5.13E-07	0.000712	0.000433	0.000413	5.65E-05	0.000293	0.000555598	0.000555598
51	3.78E-03	0.000191	9.24E-05	4.64E-07	0.000826	0.000503	0.000471	6.45E-05	0.000341	0.0006451	0.0006451
52	4.38E-03	0.000223	0.000107	5.59E-07	0.00096	0.000585	0.000537	7.35E-05	0.000397	0.000749542	0.000749542
53	5.05E-03	0.000256	0.000123	6.84E-07	0.001111	0.000676	0.000609	8.33E-05	0.000459	0.000867231	0.000867231
54	5.77E-03	0.000293	0.000139	8.19E-07	0.001272	0.000775	0.000683	9.35E-05	0.000526	0.000993358	0.000993358
55	6.49E-03	0.000325	0.000155	9.96E-07	0.001438	0.000875	0.000758	0.000104	0.000593	0.001121997	0.001121997
56	7.14E-03	0.000359	0.000171	1.18E-06	0.001583	0.000963	0.000824	0.000113	0.000652	0.001234938	0.001234938
57	7.86E-03	0.000395	0.00019	1.26E-06	0.001747	0.001063	0.000895	0.000122	0.000721	0.001363311	0.001363311
58	8.75E-03	0.000435	0.00021	1.28E-06	0.00195	0.001187	0.000979	0.000134	0.000806	0.00152216	0.00152216
59	9.91E-03	0.000467	0.000226	1.18E-06	0.002221	0.001354	0.001105	0.000151	0.000909	0.001735855	0.001735855
60	1.07E-02	0.000479	0.000232	1.02E-06	0.002395	0.001461	0.0012	0.000164	0.000975	0.001873631	0.001873631
61	1.10E-02	0.000471	0.000228	8.46E-07	0.002481	0.001515	0.001276	0.000175	0.001003	0.001942168	0.001942168
62	1.10E-02	0.000447	0.000217	6.89E-07	0.002466	0.001507	0.001317	0.000181	0.00099	0.001931421	0.001931421
63	1.06E-02	0.000413	0.0002	5.6E-07	0.002362	0.001444	0.001312	0.00018	0.000942	0.001850718	0.001850718
64	9.86E-03	0.000373	0.000181	4.55E-07	0.002198	0.001344	0.001267	0.000174	0.000872	0.001722957	0.001722957
65	3.18E-03	0.000162	7.81E-05	4.02E-07	0.000691	0.000421	0.000407	5.57E-05	0.000285	0.000539558	0.000539558
66	3.74E-03	0.000193	9.35E-05	4.77E-07	0.000814	0.000496	0.000471	6.45E-05	0.000337	0.000636136	0.000636136
67	4.45E-03	0.000234	0.000113	5.86E-07	0.00097	0.000591	0.00055	7.53E-05	0.000403	0.000757808	0.000757808
68	5.32E-03	0.000282	0.000136	7.52E-07	0.001163	0.000708	0.000642	8.79E-05	0.000484	0.000907859	0.000907859
69	6.35E-03	0.000338	0.000163	1.01E-06	0.001393	0.000847	0.000748	0.000102	0.000581	0.001086752	0.001086752
70	7.52E-03	0.000401	0.000191	1.37E-06	0.001659	0.001008	0.000864	0.000118	0.000691	0.001293249	0.001293249
71	8.76E-03	0.00046	0.000219	1.77E-06	0.001944	0.00118	0.000983	0.000134	0.000807	0.001513603	0.001513603
72	9.90E-03	0.00052	0.000248	2.16E-06	0.002204	0.001337	0.001091	0.000149	0.000914	0.001715717	0.001715717
73	1.12E-02	0.000587	0.000283	2.33E-06	0.00251	0.001523	0.001211	0.000165	0.001043	0.001954466	0.001954466
74	1.31E-02	0.00065	0.000314	2.1E-06	0.002939	0.001788	0.001381	0.000189	0.001212	0.002292745	0.002292745
75	1.45E-02	0.000676	0.000327	1.67E-06	0.00329	0.002005	0.001547	0.000212	0.001346	0.002571292	0.002571292
76	1.53E-02	0.000664	0.000322	1.29E-06	0.003475	0.002121	0.001686	0.000231	0.001409	0.002719346	0.002719346
77	1.53E-02	0.00062	0.0003	9.75E-07	0.003455	0.002111	0.001767	0.000242	0.001388	0.002706231	0.002706231
78	1.45E-02	0.000559	0.000271	7.46E-07	0.00327	0.001999	0.001769	0.000243	0.001303	0.00256257	0.00256257
79	1.33E-02	0.000493	0.000239	5.79E-07	0.002986	0.001826	0.001699	0.000233	0.001182	0.002340956	0.002340956
80	1.19E-02	0.000428	0.000208	4.57E-07	0.002655	0.001624	0.001575	0.000216	0.001046	0.002081743	0.002081743
81	3.55E-03	0.000185	8.95E-05	3.31E-07	0.000768	0.000469	0.000454	6.22E-05	0.000319	0.000601007	0.000601007
82	4.28E-03	0.000228	0.00011	4.22E-07	0.000927	0.000565	0.000537	7.36E-05	0.000386	0.00072491	0.00072491
83	5.25E-03	0.000287	0.000139	5.73E-07	0.001138	0.000694	0.000643	8.81E-05	0.000477	0.000889915	0.000889915
84	6.51E-03	0.000365	0.000177	8.41E-07	0.001416	0.000862	0.000774	0.000106	0.000596	0.001105845	0.001105845
85	8.12E-03	0.000464	0.000224	1.37E-06	0.001776	0.001079	0.000933	0.000128	0.000749	0.001384534	0.001384534
86	1.02E-02	0.000582	0.000279	2.46E-06	0.002238	0.001356	0.001122	0.000153	0.000942	0.001740169	0.001740169
87	1.25E-02	0.000701	0.000335	4.2E-06	0.002781	0.001677	0.001327	0.00018	0.001163	0.002153684	0.002153684
88	1.50E-02	0.000827	0.000397	5.53E-06	0.003358	0.002023	0.001536	0.000208	0.0014	0.002597871	0.002597871

Franklin School Project

Unmitigated Residential - Residential Construction Health Impact Assessment

547	Receptor
0.49	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
89	1.76E-02	0.00096	0.000463	4.76E-06	0.003964	0.002399	0.001744	0.000237	0.001659	0.003079083	0.003079083
90	2.10E-02	0.001029	0.000498	3.23E-06	0.00479	0.002915	0.002058	0.000281	0.001975	0.003738739	0.003738739
91	2.27E-02	0.001002	0.000485	2.13E-06	0.0052	0.003173	0.002304	0.000316	0.002117	0.004068094	0.004068094
92	2.28E-02	0.000913	0.000443	1.44E-06	0.005191	0.003172	0.002484	0.000341	0.002085	0.004066037	0.004066037
93	2.13E-02	0.000795	0.000385	1.01E-06	0.004815	0.002945	0.002509	0.000344	0.001913	0.003774111	0.003774111
94	1.89E-02	0.000675	0.000327	7.4E-07	0.004258	0.002605	0.002384	0.000327	0.001678	0.003338273	0.003338273
95	1.64E-02	0.000566	0.000274	5.57E-07	0.003657	0.002238	0.002166	0.000298	0.001433	0.002868126	0.002868126
96	1.39E-02	0.000473	0.000229	4.32E-07	0.003098	0.001896	0.001914	0.000263	0.001209	0.002429432	0.002429432
97	3.91E-03	0.000208	0.000101	3.07E-07	0.000843	0.000515	0.000502	6.88E-05	0.000351	0.000660151	0.000660151
98	4.83E-03	0.000266	0.000129	4.09E-07	0.001042	0.000636	0.000608	8.33E-05	0.000437	0.000815735	0.000815735
99	6.14E-03	0.000352	0.00017	5.94E-07	0.001324	0.000807	0.00075	0.000103	0.000559	0.001035153	0.001035153
100	7.96E-03	0.000478	0.000231	9.66E-07	0.001719	0.001048	0.000937	0.000128	0.000733	0.001343261	0.001343261
101	1.05E-02	0.000662	0.00032	1.9E-06	0.002286	0.001389	0.001181	0.000161	0.000981	0.001782006	0.001782006
102	1.43E-02	0.000922	0.000444	5.26E-06	0.003137	0.001889	0.001506	0.000204	0.001344	0.002426051	0.002426051
103	1.94E-02	0.001223	0.000586	1.98E-05	0.0044	0.002571	0.001931	0.000254	0.001826	0.003314235	0.003314235
104	2.54E-02	0.001545	0.000742	2.22E-05	0.005808	0.003418	0.002345	0.00031	0.002409	0.004402525	0.004402525
105	3.18E-02	0.001783	0.000862	8.77E-06	0.007283	0.004407	0.002732	0.000371	0.003066	0.005656402	0.005656402
106	3.77E-02	0.001711	0.000829	4.04E-06	0.008773	0.005351	0.003312	0.000453	0.003595	0.006860572	0.006860572
107	3.76E-02	0.001473	0.000714	2.23E-06	0.00871	0.005324	0.003713	0.000509	0.003496	0.006823936	0.006823936
108	3.40E-02	0.00121	0.000586	1.39E-06	0.007777	0.004757	0.003827	0.000525	0.003076	0.006097085	0.006097085
109	2.88E-02	0.000969	0.00047	9.41E-07	0.006513	0.003986	0.003587	0.000493	0.00255	0.005108059	0.005108059
110	2.36E-02	0.000772	0.000374	6.73E-07	0.005294	0.00324	0.003152	0.000433	0.002061	0.004152484	0.004152484
111	1.91E-02	0.000617	0.000299	5.03E-07	0.004253	0.002603	0.002667	0.000366	0.00165	0.003336525	0.003336525
112	1.55E-02	0.000497	0.000241	3.88E-07	0.003438	0.002105	0.002234	0.000307	0.00133	0.002697096	0.002697096
113	4.24E-03	0.00023	0.000112	2.91E-07	0.000912	0.000557	0.000549	7.53E-05	0.000381	0.000714051	0.000714051
114	5.38E-03	0.000305	0.000148	3.97E-07	0.001155	0.000705	0.000681	9.34E-05	0.000487	0.000903814	0.000903814
115	7.06E-03	0.000424	0.000205	5.89E-07	0.001511	0.000922	0.000866	0.000119	0.000644	0.00118227	0.00118227
116	9.61E-03	0.00062	0.0003	9.85E-07	0.002054	0.001253	0.00113	0.000155	0.000888	0.001606095	0.001606095
117	1.37E-02	0.000968	0.000469	2.05E-06	0.002931	0.001783	0.001511	0.000207	0.00129	0.002287036	0.002287036
118	7.69E-02	0.002788	0.001351	3.53E-06	0.018407	0.011258	0.006092	0.000836	0.007335	0.014429642	0.014429642
119	6.27E-02	0.002025	0.000982	1.89E-06	0.014621	0.008948	0.006521	0.000896	0.005723	0.011468206	0.011468206
120	4.85E-02	0.001477	0.000716	1.18E-06	0.011064	0.006773	0.005998	0.000824	0.004282	0.008679858	0.008679858
121	3.66E-02	0.00109	0.000529	7.99E-07	0.008215	0.005029	0.004981	0.000684	0.003161	0.006445543	0.006445543
122	2.75E-02	0.000821	0.000398	5.76E-07	0.006122	0.003748	0.003955	0.000544	0.002351	0.004803169	0.004803169
123	2.10E-02	0.000632	0.000306	4.35E-07	0.004632	0.002836	0.003102	0.000426	0.001778	0.003634495	0.003634495
124	1.63E-02	0.000496	0.00024	3.39E-07	0.003581	0.002192	0.002458	0.000338	0.001374	0.002809547	0.002809547
125	4.48E-03	0.000247	0.00012	2.7E-07	0.000958	0.000585	0.000588	8.07E-05	0.000403	0.000750094	0.000750094
126	5.80E-03	0.000335	0.000163	3.66E-07	0.001238	0.000756	0.000745	0.000102	0.000523	0.000969439	0.000969439
127	7.79E-03	0.000483	0.000234	5.29E-07	0.001656	0.001011	0.000973	0.000133	0.000709	0.001296632	0.001296632
128	1.11E-02	0.000757	0.000367	8.48E-07	0.002337	0.001427	0.001324	0.000182	0.001021	0.001829207	0.001829207
129	1.68E-02	0.001316	0.000638	1.53E-06	0.00351	0.002141	0.001874	0.000257	0.001578	0.002745542	0.002745542
130	1.54E-01	0.003931	0.001907	2.38E-06	0.037207	0.022786	0.013463	0.00185	0.014191	0.029200768	0.029200768
131	9.57E-02	0.00242	0.001174	1.43E-06	0.022026	0.013489	0.011983	0.001647	0.00834	0.017286421	0.017286421
132	6.16E-02	0.001579	0.000766	9.26E-07	0.013825	0.008467	0.008834	0.001214	0.005219	0.010849878	0.010849878

Franklin School Project

Unmitigated Residential - Residential Construction Health Impact Assessment

547	Receptor
0.49	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
133	4.20E-02	0.001113	0.00054	6.6E-07	0.009296	0.005693	0.006353	0.000873	0.003515	0.007295163	0.007295163
134	2.92E-02	0.000805	0.00039	4.86E-07	0.006418	0.00393	0.004526	0.000622	0.002434	0.005036489	0.005036489
135	2.12E-02	0.000604	0.000293	3.73E-07	0.004642	0.002842	0.003323	0.000457	0.001765	0.003642518	0.003642518
136	1.59E-02	0.000467	0.000227	2.95E-07	0.003467	0.002123	0.002501	0.000344	0.001323	0.002720604	0.002720604
137	4.62E-03	0.000256	0.000124	2.45E-07	0.000985	0.000602	0.000616	8.46E-05	0.000413	0.000771645	0.000771645
138	6.04E-03	0.000351	0.00017	3.24E-07	0.001283	0.000784	0.000791	0.000109	0.000542	0.001005495	0.001005495
139	8.21E-03	0.000513	0.000249	4.45E-07	0.001734	0.00106	0.001053	0.000145	0.000743	0.001358206	0.001358206
140	1.20E-02	0.000833	0.000404	6.6E-07	0.002497	0.001526	0.001484	0.000204	0.001094	0.001956521	0.001956521
141	1.87E-02	0.001513	0.000734	1.01E-06	0.003838	0.002345	0.002212	0.000304	0.001738	0.003006434	0.003006434
142	2.39E-01	0.004208	0.002041	1.55E-06	0.054979	0.033683	0.033453	0.004599	0.019969	0.043162703	0.043162703
143	1.19E-01	0.00235	0.00114	1.05E-06	0.026491	0.016228	0.019289	0.002652	0.00969	0.020795763	0.020795763
144	6.64E-02	0.001476	0.000716	7.43E-07	0.014552	0.008913	0.011011	0.001514	0.005378	0.011422253	0.011422253
145	4.20E-02	0.001025	0.000497	5.55E-07	0.009151	0.005605	0.006956	0.000956	0.003414	0.007182249	0.007182249
146	2.77E-02	0.00073	0.000354	4.18E-07	0.006025	0.003689	0.004557	0.000626	0.002266	0.004727982	0.004727982
147	1.96E-02	0.000545	0.000264	3.26E-07	0.004258	0.002607	0.003209	0.000441	0.001611	0.003341172	0.003341172
148	1.45E-02	0.000421	0.000204	2.61E-07	0.003137	0.001921	0.002343	0.000322	0.001193	0.002461618	0.002461618
149	4.61E-03	0.000253	0.000123	2.17E-07	0.000978	0.000598	0.000627	8.61E-05	0.000411	0.000766605	0.000766605
150	5.93E-03	0.000344	0.000167	2.75E-07	0.00125	0.000764	0.000807	0.000111	0.000528	0.000979579	0.000979579
151	8.17E-03	0.000503	0.000244	3.64E-07	0.001715	0.001049	0.001087	0.000149	0.000731	0.001343946	0.001343946
152	1.18E-02	0.0008	0.000388	4.98E-07	0.002453	0.0015	0.001548	0.000213	0.001069	0.001922527	0.001922527
153	1.86E-02	0.001458	0.000707	7.03E-07	0.003787	0.002316	0.002393	0.000329	0.001697	0.002968963	0.002968963
154	3.93E-01	0.003814	0.00185	1.1E-06	0.08385	0.051379	0.08037	0.011051	0.028967	0.065837872	0.065837872
155	1.16E-01	0.001986	0.000964	8.2E-07	0.024833	0.015213	0.021886	0.003009	0.008919	0.01949522	0.01949522
156	5.65E-02	0.001214	0.000589	6.04E-07	0.012161	0.007449	0.010104	0.001389	0.004462	0.009545556	0.009545556
157	3.61E-02	0.00087	0.000422	4.76E-07	0.007783	0.004767	0.006243	0.000858	0.002893	0.006108836	0.006108836
158	2.38E-02	0.000628	0.000304	3.69E-07	0.005151	0.003155	0.004025	0.000553	0.001934	0.004042546	0.004042546
159	1.68E-02	0.000473	0.00023	2.92E-07	0.003632	0.002224	0.002792	0.000384	0.001375	0.002850232	0.002850232
160	1.25E-02	0.000369	0.000179	2.36E-07	0.002706	0.001657	0.002046	0.000281	0.00103	0.00212332	0.00212332
161	4.19E-03	0.00024	0.000116	1.88E-07	0.000887	0.000542	0.00056	7.69E-05	0.000374	0.000695117	0.000695117
162	5.41E-03	0.000322	0.000156	2.32E-07	0.001134	0.000694	0.000736	0.000101	0.000484	0.000889093	0.000889093
163	7.24E-03	0.000454	0.00022	2.93E-07	0.001504	0.00092	0.000997	0.000137	0.000648	0.001178867	0.001178867
164	1.07E-02	0.000692	0.000335	3.82E-07	0.002207	0.00135	0.001479	0.000203	0.000948	0.001730523	0.001730523
165	1.69E-02	0.001204	0.000584	5.16E-07	0.003439	0.002104	0.002316	0.000318	0.001495	0.00269664	0.00269664
166	2.94E-02	0.002478	0.001202	6.81E-07	0.00582	0.003562	0.004064	0.000558	0.002595	0.004565382	0.004565382
167	6.32E-02	0.006274	0.003044	8.36E-07	0.012009	0.007354	0.009103	0.001251	0.005361	0.009424568	0.009424568
168	1.67E-01	0.009515	0.004617	9.2E-07	0.032745	0.020061	0.031432	0.004322	0.01285	0.025707133	0.025707133
169	2.71E-01	0.005003	0.002428	8.98E-07	0.053644	0.032869	0.064796	0.00891	0.019174	0.042119395	0.042119395
170	1.68E-01	0.002612	0.001267	7.9E-07	0.034888	0.021375	0.036022	0.004953	0.012393	0.027391072	0.027391072
171	7.99E-02	0.001556	0.000755	6.49E-07	0.016971	0.010397	0.015346	0.00211	0.006159	0.013322732	0.013322732
172	4.10E-02	0.000952	0.000462	4.95E-07	0.008803	0.005391	0.007314	0.001005	0.003253	0.006909075	0.006909075
173	2.66E-02	0.000677	0.000329	3.94E-07	0.005735	0.003512	0.004571	0.000628	0.002142	0.004501001	0.004501001
174	1.96E-02	0.000532	0.000258	3.28E-07	0.004224	0.002587	0.003285	0.000452	0.001591	0.00331498	0.00331498
175	1.41E-02	0.000408	0.000198	2.65E-07	0.00305	0.001867	0.00232	0.000319	0.001158	0.002393202	0.002393202
176	1.07E-02	0.000322	0.000156	2.17E-07	0.002307	0.001413	0.001728	0.000237	0.000881	0.001810381	0.001810381

Franklin School Project

Unmitigated Residential - Residential Construction Health Impact Assessment

547	Receptor
0.49	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
177	3.90E-03	0.000222	0.000107	1.63E-07	0.000824	0.000504	0.000533	7.32E-05	0.000347	0.000646189	0.000646189
178	4.96E-03	0.000289	0.00014	1.97E-07	0.001042	0.000637	0.000683	9.38E-05	0.000441	0.000816518	0.000816518
179	6.43E-03	0.000392	0.00019	2.41E-07	0.001344	0.000822	0.000879	0.000121	0.000572	0.001053596	0.001053596
180	9.52E-03	0.000568	0.000275	3.05E-07	0.001978	0.001211	0.001365	0.000188	0.000833	0.001551499	0.001551499
181	1.40E-02	0.000895	0.000434	3.91E-07	0.002867	0.001755	0.002014	0.000277	0.001219	0.002248608	0.002248608
182	2.18E-02	0.001487	0.000722	4.84E-07	0.004413	0.002702	0.003221	0.000443	0.001889	0.003462292	0.003462292
183	3.73E-02	0.002439	0.001183	5.7E-07	0.007501	0.004593	0.005898	0.000811	0.00314	0.005886092	0.005886092
184	6.28E-02	0.003054	0.001482	6.23E-07	0.012681	0.007767	0.01128	0.001551	0.005028	0.009953744	0.009953744
185	8.35E-02	0.002546	0.001235	6.26E-07	0.017067	0.010455	0.016684	0.002294	0.006418	0.013398098	0.013398098
186	7.25E-02	0.001725	0.000837	5.79E-07	0.015099	0.00925	0.014304	0.001967	0.005572	0.011853054	0.011853054
187	4.98E-02	0.001174	0.000569	5.07E-07	0.010562	0.006469	0.009242	0.001271	0.003908	0.008290449	0.008290449
188	3.26E-02	0.000816	0.000396	4.25E-07	0.006988	0.00428	0.005727	0.000787	0.002606	0.005484746	0.005484746
189	2.07E-02	0.000559	0.000271	3.36E-07	0.004476	0.002741	0.00349	0.00048	0.001684	0.00351273	0.00351273
190	1.59E-02	0.000448	0.000217	2.88E-07	0.003445	0.002109	0.002627	0.000361	0.001304	0.002703363	0.002703363
191	1.21E-02	0.000356	0.000173	2.41E-07	0.002615	0.001601	0.001956	0.000269	0.000996	0.002052072	0.002052072
192	9.27E-03	0.000285	0.000138	2E-07	0.00201	0.00123	0.001479	0.000203	0.00077	0.001576678	0.001576678
193	3.65E-03	0.0002	9.69E-05	1.42E-07	0.000764	0.000468	0.000527	7.24E-05	0.00032	0.000599325	0.000599325
194	4.66E-03	0.000254	0.000123	1.69E-07	0.000976	0.000597	0.000676	9.28E-05	0.000407	0.00076508	0.00076508
195	6.16E-03	0.000334	0.000162	2.03E-07	0.001294	0.000791	0.000895	0.000123	0.000537	0.001014318	0.001014318
196	8.16E-03	0.000458	0.000222	2.49E-07	0.001703	0.001042	0.00119	0.000163	0.000709	0.001335763	0.001335763
197	1.12E-02	0.000652	0.000316	3.04E-07	0.002311	0.001415	0.001649	0.000227	0.000967	0.001812854	0.001812854
198	1.61E-02	0.000946	0.000459	3.62E-07	0.003303	0.002022	0.002434	0.000335	0.00138	0.002591504	0.002591504
199	2.39E-02	0.001301	0.000631	4.15E-07	0.004894	0.002997	0.00382	0.000525	0.002003	0.003840576	0.003840576
200	3.36E-02	0.001534	0.000744	4.49E-07	0.006904	0.004228	0.005788	0.000796	0.002742	0.005418634	0.005418634
201	4.08E-02	0.001456	0.000706	4.57E-07	0.008448	0.005174	0.007458	0.001025	0.003253	0.006630498	0.006630498
202	3.90E-02	0.001156	0.000561	4.33E-07	0.008169	0.005003	0.007178	0.000987	0.003089	0.00641186	0.00641186
203	3.02E-02	0.000837	0.000406	3.84E-07	0.006405	0.003923	0.005375	0.000739	0.002412	0.005026998	0.005026998
204	2.31E-02	0.000638	0.000309	3.39E-07	0.004952	0.003032	0.003978	0.000547	0.001868	0.003886006	0.003886006
205	1.72E-02	0.000487	0.000236	2.92E-07	0.003707	0.00227	0.002867	0.000394	0.001404	0.002908799	0.002908799
206	1.25E-02	0.000368	0.000179	2.42E-07	0.002717	0.001664	0.002038	0.00028	0.001034	0.002131909	0.002131909
207	1.04E-02	0.000314	0.000152	2.16E-07	0.002266	0.001387	0.001675	0.00023	0.000865	0.001777612	0.001777612
208	8.27E-03	0.000257	0.000125	1.84E-07	0.001794	0.001098	0.001306	0.00018	0.000689	0.001407758	0.001407758
209	3.54E-03	0.000178	8.63E-05	1.25E-07	0.000749	0.000458	0.000516	7.09E-05	0.000306	0.000587052	0.000587052
210	4.33E-03	0.000221	0.000107	1.46E-07	0.000914	0.000559	0.000632	8.68E-05	0.000378	0.000716652	0.000716652
211	5.39E-03	0.00028	0.000136	1.73E-07	0.001135	0.000695	0.000788	0.000108	0.000467	0.000890287	0.000890287
212	6.84E-03	0.000365	0.000177	2.05E-07	0.001433	0.000877	0.001008	0.000139	0.000592	0.001123885	0.001123885
213	8.94E-03	0.000486	0.000236	2.43E-07	0.001864	0.001141	0.001334	0.000183	0.000772	0.001461921	0.001461921
214	1.21E-02	0.000647	0.000314	2.82E-07	0.002522	0.001544	0.001857	0.000255	0.001038	0.001978784	0.001978784
215	1.65E-02	0.000814	0.000395	3.16E-07	0.003428	0.002099	0.002645	0.000364	0.001386	0.002690071	0.002690071
216	2.10E-02	0.00092	0.000446	3.38E-07	0.004364	0.002672	0.003515	0.000483	0.001731	0.00342428	0.00342428
217	2.42E-02	0.00092	0.000446	3.45E-07	0.005059	0.003098	0.004203	0.000578	0.00197	0.003970327	0.003970327
218	2.42E-02	0.000809	0.000392	3.35E-07	0.005104	0.003126	0.004259	0.000585	0.001959	0.004005487	0.004005487
219	2.21E-02	0.000679	0.00033	3.16E-07	0.004679	0.002866	0.003842	0.000528	0.001784	0.003672449	0.003672449
220	1.85E-02	0.000553	0.000268	2.9E-07	0.003951	0.00242	0.003152	0.000433	0.001504	0.003100772	0.003100772

Franklin School Project

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547	Receptor
0.49	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
221	1.47E-02	0.000439	0.000213	2.57E-07	0.003167	0.001939	0.002449	0.000337	0.001207	0.002484958	0.002484958
222	1.07E-02	0.000325	0.000157	2.12E-07	0.002307	0.001412	0.001725	0.000237	0.000882	0.001810101	0.001810101
223	8.49E-03	0.000263	0.000128	1.84E-07	0.001841	0.001127	0.001349	0.000185	0.000706	0.001444559	0.001444559
224	7.42E-03	0.000234	0.000113	1.68E-07	0.00161	0.000986	0.001167	0.00016	0.000619	0.001263126	0.001263126
225	3.24E-03	0.000158	7.66E-05	1.11E-07	0.000687	0.000421	0.00047	6.46E-05	0.000281	0.000538975	0.000538975
226	3.86E-03	0.000191	9.28E-05	1.28E-07	0.000817	0.0005	0.000564	7.75E-05	0.000334	0.000640867	0.000640867
227	4.67E-03	0.000236	0.000114	1.48E-07	0.000986	0.000603	0.000687	9.44E-05	0.000404	0.000773368	0.000773368
228	5.78E-03	0.000296	0.000144	1.72E-07	0.001215	0.000744	0.000856	0.000118	0.000499	0.000952922	0.000952922
229	7.29E-03	0.000375	0.000182	1.99E-07	0.00153	0.000936	0.001094	0.00015	0.000628	0.001199886	0.001199886
230	9.37E-03	0.000469	0.000227	2.26E-07	0.001962	0.001201	0.001437	0.000197	0.000799	0.00153882	0.00153882
231	1.19E-02	0.000561	0.000272	2.49E-07	0.002487	0.001522	0.001881	0.000259	0.001002	0.001950841	0.001950841
232	1.44E-02	0.000626	0.000304	2.65E-07	0.003024	0.001851	0.002363	0.000325	0.001202	0.002372673	0.002372673
233	1.63E-02	0.000638	0.00031	2.72E-07	0.003418	0.002093	0.002732	0.000376	0.00134	0.002682372	0.002682372
234	1.67E-02	0.000598	0.00029	2.69E-07	0.003535	0.002165	0.002847	0.000391	0.00137	0.002773893	0.002773893
235	1.59E-02	0.000531	0.000257	2.58E-07	0.00338	0.00207	0.002704	0.000372	0.001302	0.002652766	0.002652766
236	1.41E-02	0.000452	0.000219	2.41E-07	0.003012	0.001844	0.002365	0.000325	0.001156	0.00236343	0.00236343
237	1.19E-02	0.000376	0.000182	2.2E-07	0.002561	0.001568	0.001966	0.00027	0.000982	0.002009344	0.002009344
238	9.81E-03	0.000309	0.00015	1.96E-07	0.002117	0.001296	0.001589	0.000218	0.000813	0.001660955	0.001660955
239	7.43E-03	0.000237	0.000115	1.63E-07	0.001609	0.000985	0.001178	0.000162	0.000619	0.001262228	0.001262228
240	6.16E-03	0.000199	9.63E-05	1.44E-07	0.001337	0.000818	0.000964	0.000133	0.000515	0.001048847	0.001048847
241	2.87E-03	0.000138	6.69E-05	9.75E-08	0.00061	0.000373	0.000422	5.8E-05	0.00025	0.000478146	0.000478146
242	3.39E-03	0.000165	7.98E-05	1.11E-07	0.00072	0.000441	0.000498	6.84E-05	0.000293	0.00056462	0.00056462
243	4.03E-03	0.000198	9.62E-05	1.28E-07	0.000853	0.000522	0.000595	8.17E-05	0.000348	0.000669309	0.000669309
244	4.85E-03	0.000241	0.000117	1.46E-07	0.001023	0.000626	0.000719	9.88E-05	0.000418	0.0008021	0.0008021
245	5.97E-03	0.000295	0.000143	1.66E-07	0.001258	0.00077	0.000896	0.000123	0.000513	0.000986336	0.000986336
246	7.33E-03	0.000355	0.000172	1.85E-07	0.001542	0.000944	0.001119	0.000154	0.000626	0.001209433	0.001209433
247	8.96E-03	0.000411	0.0002	2.02E-07	0.001885	0.001154	0.001404	0.000193	0.000758	0.001478753	0.001478753
248	1.05E-02	0.000452	0.000219	2.14E-07	0.002216	0.001357	0.001692	0.000233	0.000881	0.001738936	0.001738936
249	1.17E-02	0.000466	0.000226	2.19E-07	0.002462	0.001508	0.001914	0.000263	0.000969	0.001932015	0.001932015
250	1.21E-02	0.000451	0.000219	2.19E-07	0.002565	0.00157	0.002009	0.000276	0.001001	0.002012467	0.002012467
251	1.18E-02	0.000415	0.000201	2.12E-07	0.002511	0.001538	0.001963	0.00027	0.000974	0.001970458	0.001970458
252	1.09E-02	0.000369	0.000179	2.02E-07	0.002329	0.001426	0.0018	0.000247	0.0009	0.00182717	0.00182717
253	9.67E-03	0.000319	0.000155	1.88E-07	0.002073	0.001269	0.001579	0.000217	0.0008	0.001626668	0.001626668
254	8.33E-03	0.000273	0.000132	1.72E-07	0.001794	0.001098	0.001342	0.000184	0.000692	0.001407453	0.001407453
255	6.94E-03	0.000227	0.00011	1.53E-07	0.0015	0.000918	0.001102	0.000151	0.000579	0.001176718	0.001176718
256	5.48E-03	0.00018	8.75E-05	1.3E-07	0.001187	0.000727	0.000856	0.000118	0.000459	0.000931303	0.000931303
257	2.60E-03	0.000122	5.93E-05	8.72E-08	0.000553	0.000338	0.00038	5.22E-05	0.000224	0.000433335	0.000433335
258	2.99E-03	0.000142	6.91E-05	9.8E-08	0.000636	0.000389	0.00044	6.04E-05	0.000259	0.000498865	0.000498865
259	3.50E-03	0.000169	8.18E-05	1.11E-07	0.000743	0.000455	0.000517	7.1E-05	0.000302	0.000582832	0.000582832
260	4.16E-03	0.000201	9.74E-05	1.25E-07	0.00088	0.000538	0.000617	8.48E-05	0.000358	0.000689922	0.000689922
261	4.97E-03	0.000238	0.000116	1.4E-07	0.00105	0.000643	0.000745	0.000102	0.000427	0.000823482	0.000823482
262	5.93E-03	0.000278	0.000135	1.55E-07	0.001253	0.000767	0.000904	0.000124	0.000507	0.000982926	0.000982926
263	7.02E-03	0.000315	0.000153	1.67E-07	0.001482	0.000907	0.00109	0.00015	0.000595	0.001162417	0.001162417
264	8.04E-03	0.000342	0.000166	1.76E-07	0.001698	0.00104	0.001274	0.000175	0.000676	0.001332326	0.001332326

Franklin School Project

Unmitigated Residential - Residential Construction Health Impact Assessment

547	Receptor
0.49	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
265	8.79E-03	0.000354	0.000171	1.81E-07	0.00186	0.001139	0.001415	0.000194	0.000734	0.001459249	0.001459249
266	9.14E-03	0.000349	0.000169	1.81E-07	0.00194	0.001188	0.001487	0.000204	0.00076	0.001522263	0.001522263
267	9.06E-03	0.00033	0.00016	1.77E-07	0.001929	0.001181	0.001479	0.000203	0.000752	0.001513522	0.001513522
268	8.60E-03	0.000302	0.000147	1.7E-07	0.001837	0.001125	0.0014	0.000192	0.000713	0.001441284	0.001441284
269	7.87E-03	0.00027	0.000131	1.61E-07	0.001687	0.001033	0.001272	0.000175	0.000654	0.001323625	0.001323625
270	7.01E-03	0.000238	0.000115	1.5E-07	0.001509	0.000924	0.001123	0.000154	0.000584	0.001183581	0.001183581
271	6.09E-03	0.000204	9.91E-05	1.37E-07	0.001313	0.000804	0.000964	0.000132	0.000508	0.001030198	0.001030198
272	4.94E-03	0.000166	8.06E-05	1.18E-07	0.001069	0.000655	0.000772	0.000106	0.000414	0.000839012	0.000839012
273	1.43E-02	0.000922	0.000444	5.26E-06	0.003137	0.001889	0.001506	0.000204	0.001344	0.002426051	0.002426051
274	1.51E-02	0.000979	0.00047	6.76E-06	0.003333	0.002	0.001576	0.000213	0.001422	0.002569513	0.002569513
275	1.61E-02	0.00104	0.000498	8.87E-06	0.003556	0.002123	0.001653	0.000222	0.001509	0.002729508	0.002729508
276	1.71E-02	0.0011	0.000526	1.18E-05	0.003804	0.002257	0.001737	0.000232	0.001603	0.002903319	0.002903319
277	1.82E-02	0.00116	0.000557	1.56E-05	0.004098	0.002413	0.001834	0.000243	0.001714	0.003107277	0.003107277
278	1.94E-02	0.001223	0.000586	1.98E-05	0.0044	0.002571	0.001931	0.000254	0.001826	0.003314235	0.003314235
279	2.05E-02	0.001284	0.000615	2.31E-05	0.004673	0.002718	0.002018	0.000264	0.001927	0.003505313	0.003505313
280	2.16E-02	0.001349	0.000644	2.5E-05	0.004937	0.002867	0.002098	0.000274	0.00203	0.003699154	0.003699154
281	2.28E-02	0.001415	0.000676	2.57E-05	0.005207	0.003028	0.002177	0.000285	0.002142	0.003906119	0.003906119
282	2.40E-02	0.00148	0.000709	2.48E-05	0.005498	0.003212	0.002259	0.000296	0.00227	0.00414026	0.00414026
283	2.54E-02	0.001545	0.000742	2.22E-05	0.005808	0.003418	0.002345	0.00031	0.002409	0.004402525	0.004402525
284	2.65E-02	0.001609	0.000774	1.89E-05	0.006041	0.003583	0.002406	0.00032	0.002524	0.004609561	0.004609561
285	2.77E-02	0.001668	0.000804	1.55E-05	0.006313	0.00377	0.002477	0.000332	0.002653	0.004846689	0.004846689
286	2.91E-02	0.001719	0.00083	1.27E-05	0.00662	0.003976	0.002557	0.000344	0.002789	0.005107809	0.005107809
287	3.06E-02	0.001757	0.000849	1.05E-05	0.00699	0.004217	0.002657	0.000359	0.002939	0.005414198	0.005414198
288	3.18E-02	0.001783	0.000862	8.77E-06	0.007283	0.004407	0.002732	0.000371	0.003066	0.005656402	0.005656402
289	3.34E-02	0.001794	0.000868	7.39E-06	0.007677	0.004658	0.002847	0.000387	0.003215	0.005975763	0.005975763
290	3.51E-02	0.00179	0.000866	6.27E-06	0.008092	0.004919	0.002996	0.000408	0.003365	0.006309953	0.006309953
291	3.63E-02	0.001773	0.000858	5.37E-06	0.008416	0.005123	0.003125	0.000427	0.003481	0.006570563	0.006570563
292	3.72E-02	0.001747	0.000846	4.64E-06	0.00863	0.005259	0.00322	0.00044	0.003553	0.00674411	0.00674411
293	3.77E-02	0.001711	0.000829	4.04E-06	0.008773	0.005351	0.003312	0.000453	0.003595	0.006860572	0.006860572
294	3.80E-02	0.001667	0.000808	3.53E-06	0.008846	0.005399	0.003399	0.000465	0.003608	0.006921276	0.006921276
295	3.82E-02	0.001624	0.000787	3.12E-06	0.00889	0.005428	0.003491	0.000478	0.003611	0.006958923	0.006958923
296	3.82E-02	0.001576	0.000764	2.78E-06	0.008879	0.005424	0.003576	0.00049	0.003591	0.006952776	0.006952776
297	3.80E-02	0.001525	0.000739	2.48E-06	0.008813	0.005385	0.003649	0.0005	0.003551	0.00690313	0.00690313
298	3.76E-02	0.001473	0.000714	2.23E-06	0.00871	0.005324	0.003713	0.000509	0.003496	0.006823936	0.006823936
299	1.54E-02	0.001024	0.000493	5.99E-06	0.003367	0.002026	0.001604	0.000217	0.00145	0.002601781	0.002601781
300	1.64E-02	0.001094	0.000526	8.01E-06	0.003594	0.002152	0.001683	0.000227	0.001539	0.002765481	0.002765481
301	1.74E-02	0.001168	0.00056	1.11E-05	0.003858	0.002294	0.001772	0.000237	0.00164	0.002950387	0.002950387
302	1.87E-02	0.001243	0.000595	1.58E-05	0.004162	0.002451	0.001874	0.000249	0.001752	0.003155924	0.003155924
303	1.98E-02	0.001315	0.000634	5.65E-06	0.004365	0.002639	0.001926	0.000262	0.001888	0.003387353	0.003387353
304	2.12E-02	0.001393	0.000671	8.04E-06	0.004698	0.002828	0.002027	0.000274	0.002023	0.003632025	0.003632025
305	2.25E-02	0.001468	0.000707	1.17E-05	0.00502	0.003002	0.002124	0.000285	0.002143	0.003858861	0.003858861
306	2.39E-02	0.001551	0.000744	1.7E-05	0.005376	0.003187	0.002231	0.000297	0.00227	0.004100534	0.004100534
307	2.53E-02	0.001634	0.000784	1.74E-05	0.005713	0.003391	0.002324	0.00031	0.002413	0.004362319	0.004362319
308	2.68E-02	0.001714	0.000825	1.28E-05	0.006041	0.00362	0.002405	0.000323	0.002573	0.004652044	0.004652044

Franklin School Project

Unmitigated Residential - Residential Construction Health Impact Assessment

547	Receptor
0.49	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
309	2.85E-02	0.001795	0.000866	9.71E-06	0.006421	0.003874	0.002503	0.000339	0.002744	0.004973445	0.004973445
310	3.02E-02	0.001881	0.000905	2.51E-05	0.006905	0.004072	0.002652	0.00035	0.002885	0.005243524	0.005243524
311	3.16E-02	0.001947	0.000939	1.9E-05	0.007214	0.004301	0.002723	0.000364	0.003042	0.005530024	0.005530024
312	3.32E-02	0.001999	0.000965	1.47E-05	0.007591	0.004559	0.002813	0.000378	0.003211	0.005856052	0.005856052
313	3.53E-02	0.002033	0.000983	1.16E-05	0.008086	0.004882	0.002939	0.000397	0.003407	0.006267237	0.006267237
314	3.68E-02	0.00205	0.000992	9.43E-06	0.008465	0.005128	0.003031	0.000411	0.003565	0.006580213	0.006580213
315	3.86E-02	0.002049	0.000991	7.77E-06	0.00892	0.005417	0.003158	0.00043	0.003735	0.006949016	0.006949016
316	4.04E-02	0.00203	0.000983	6.5E-06	0.009386	0.005711	0.003321	0.000453	0.003901	0.007324034	0.007324034
317	4.19E-02	0.001995	0.000966	5.49E-06	0.009752	0.005942	0.003478	0.000475	0.004026	0.007619233	0.007619233
318	4.27E-02	0.00195	0.000944	4.7E-06	0.009967	0.006079	0.003589	0.000491	0.004091	0.007793641	0.007793641
319	4.31E-02	0.001895	0.000918	4.05E-06	0.010078	0.00615	0.003695	0.000506	0.004115	0.007884915	0.007884915
320	4.33E-02	0.001835	0.000889	3.52E-06	0.010107	0.006171	0.003796	0.00052	0.004107	0.007911405	0.007911405
321	4.32E-02	0.001776	0.000861	3.1E-06	0.010096	0.006167	0.003899	0.000534	0.004084	0.007905783	0.007905783
322	4.29E-02	0.001713	0.00083	2.75E-06	0.010011	0.006118	0.003989	0.000547	0.004033	0.007842139	0.007842139
323	4.24E-02	0.001647	0.000798	2.45E-06	0.00987	0.006033	0.004066	0.000558	0.00396	0.007733114	0.007733114
324	4.17E-02	0.001582	0.000767	2.19E-06	0.00969	0.005924	0.004129	0.000567	0.003873	0.007593686	0.007593686
325	1.66E-02	0.001142	0.000551	6.62E-06	0.003618	0.002175	0.00171	0.000231	0.001568	0.002794012	0.002794012
326	1.77E-02	0.00123	0.000592	9.19E-06	0.003886	0.002323	0.001801	0.000242	0.001674	0.002985943	0.002985943
327	1.90E-02	0.001325	0.000636	1.34E-05	0.004203	0.002491	0.001908	0.000255	0.001796	0.003205247	0.003205247
328	2.05E-02	0.001416	0.000681	2.08E-05	0.004582	0.002676	0.002032	0.000267	0.001929	0.003449988	0.003449988
329	2.18E-02	0.00151	0.00073	6.61E-06	0.004792	0.002895	0.002078	0.000282	0.002088	0.003715908	0.003715908
330	2.35E-02	0.001609	0.000777	1E-05	0.0052	0.003123	0.002198	0.000297	0.002252	0.004012248	0.004012248
331	2.51E-02	0.001707	0.000823	1.6E-05	0.005606	0.003334	0.002317	0.000309	0.002398	0.004288176	0.004288176
332	2.65E-02	0.001802	0.000871	1.83E-06	0.005845	0.00357	0.002359	0.000323	0.002563	0.004576758	0.004576758
333	2.83E-02	0.001912	0.000922	1.56E-06	0.006264	0.003829	0.002466	0.000338	0.002744	0.004907741	0.004907741
334	3.05E-02	0.002021	0.000974	1.59E-05	0.006883	0.004117	0.002643	0.000354	0.002945	0.005291311	0.005291311
335	3.26E-02	0.002122	0.001025	1.11E-05	0.007354	0.004437	0.002752	0.000372	0.003161	0.005696138	0.005696138
336	3.43E-02	0.002215	0.001071	8.25E-06	0.007745	0.004694	0.002842	0.000386	0.003341	0.006023025	0.006023025
337	3.66E-02	0.002296	0.001108	2.26E-05	0.008374	0.004989	0.003018	0.000402	0.003542	0.006415565	0.006415565
338	3.86E-02	0.002345	0.001133	1.63E-05	0.008835	0.005311	0.003116	0.000419	0.003752	0.006821781	0.006821781
339	4.11E-02	0.002367	0.001145	1.24E-05	0.009467	0.005723	0.003266	0.000442	0.003998	0.007345614	0.007345614
340	4.31E-02	0.002368	0.001146	9.81E-06	0.009968	0.006046	0.003383	0.00046	0.004197	0.0077577	0.0077577
341	4.51E-02	0.002346	0.001136	7.96E-06	0.0105	0.006384	0.003526	0.00048	0.004392	0.008188453	0.008188453
342	4.72E-02	0.002303	0.001115	6.56E-06	0.011033	0.00672	0.003719	0.000508	0.004574	0.008617459	0.008617459
343	4.87E-02	0.002244	0.001087	5.5E-06	0.011412	0.006959	0.003896	0.000533	0.004695	0.008922705	0.008922705
344	4.94E-02	0.002174	0.001053	4.67E-06	0.011593	0.007075	0.004024	0.000551	0.004739	0.009070402	0.009070402
345	4.95E-02	0.002096	0.001016	4E-06	0.011639	0.007107	0.004145	0.000568	0.004731	0.009111038	0.009111038
346	4.94E-02	0.002017	0.000977	3.47E-06	0.011595	0.007084	0.004262	0.000584	0.00469	0.009080795	0.009080795
347	4.90E-02	0.001938	0.000939	3.04E-06	0.011488	0.007021	0.004375	0.0006	0.004625	0.008999348	0.008999348
348	4.83E-02	0.001856	0.0009	2.69E-06	0.011302	0.00691	0.004471	0.000613	0.004531	0.008856504	0.008856504
349	4.74E-02	0.001774	0.00086	2.39E-06	0.01106	0.006763	0.00455	0.000624	0.004417	0.008668385	0.008668385
350	4.63E-02	0.001695	0.000821	2.14E-06	0.01078	0.006593	0.00461	0.000633	0.004289	0.008450411	0.008450411
351	1.79E-02	0.001279	0.000617	7E-06	0.003879	0.002333	0.001821	0.000246	0.001694	0.002996132	0.002996132
352	1.93E-02	0.001392	0.000671	9.97E-06	0.004205	0.002513	0.001931	0.00026	0.001828	0.003230715	0.003230715

Franklin School Project

Unmitigated Residential - Residential Construction Health Impact Assessment

547	Receptor
0.49	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
353	2.09E-02	0.001515	0.000728	1.52E-05	0.004586	0.002714	0.002056	0.000274	0.001976	0.00349336	0.00349336
354	2.23E-02	0.001632	0.000787	5.46E-06	0.004847	0.002936	0.002124	0.000289	0.002138	0.003767347	0.003767347
355	2.41E-02	0.001755	0.000849	7.27E-06	0.005275	0.003187	0.002248	0.000305	0.002321	0.004090485	0.004090485
356	2.62E-02	0.001885	0.000911	1.15E-05	0.005769	0.003463	0.002387	0.000322	0.002521	0.004448773	0.004448773
357	2.79E-02	0.002009	0.000973	1.02E-06	0.006113	0.00374	0.002459	0.000338	0.002717	0.00479352	0.00479352
358	3.01E-02	0.002145	0.001036	2.62E-06	0.006634	0.004049	0.00259	0.000355	0.002935	0.005190693	0.005190693
359	3.24E-02	0.002282	0.001102	2.01E-06	0.007171	0.004382	0.002715	0.000372	0.003167	0.005616578	0.005616578
360	3.52E-02	0.002422	0.001169	1.82E-05	0.007924	0.004741	0.002917	0.000391	0.003417	0.006093422	0.006093422
361	3.77E-02	0.002548	0.001231	1.18E-05	0.008492	0.005129	0.003034	0.00041	0.003679	0.006584194	0.006584194
362	4.01E-02	0.002655	0.001285	8.5E-06	0.009045	0.005489	0.00315	0.000428	0.003926	0.007041975	0.007041975
363	4.29E-02	0.002738	0.001322	2.5E-05	0.009853	0.00588	0.003359	0.000447	0.004187	0.007559728	0.007559728
364	4.55E-02	0.002774	0.001341	1.71E-05	0.010471	0.006309	0.003478	0.000468	0.004461	0.008100831	0.008100831
365	4.85E-02	0.002773	0.001342	1.26E-05	0.011217	0.006794	0.003638	0.000493	0.004751	0.008718234	0.008718234
366	5.11E-02	0.002744	0.001329	9.84E-06	0.011905	0.007233	0.003794	0.000516	0.005009	0.009278704	0.009278704
367	5.35E-02	0.002689	0.001303	7.89E-06	0.012555	0.007644	0.003968	0.000541	0.005235	0.009802853	0.009802853
368	5.58E-02	0.002612	0.001265	6.46E-06	0.013141	0.008012	0.004199	0.000574	0.005425	0.010273463	0.010273463
369	5.71E-02	0.002521	0.001221	5.39E-06	0.013486	0.008231	0.004391	0.000601	0.005521	0.010552024	0.010552024
370	5.75E-02	0.002421	0.001173	4.55E-06	0.013589	0.008299	0.004541	0.000622	0.005525	0.010638718	0.010638718
371	5.72E-02	0.002315	0.001122	3.9E-06	0.013518	0.00826	0.004681	0.000641	0.005465	0.010587921	0.010587921
372	5.66E-02	0.00221	0.001071	3.38E-06	0.01335	0.00816	0.004815	0.00066	0.00537	0.010459452	0.010459452
373	5.56E-02	0.002107	0.001021	2.95E-06	0.013091	0.008004	0.004935	0.000677	0.005242	0.01025897	0.01025897
374	5.44E-02	0.002004	0.000971	2.6E-06	0.012762	0.007804	0.005035	0.000691	0.005089	0.010002964	0.010002964
375	5.29E-02	0.001904	0.000923	2.31E-06	0.012385	0.007575	0.005111	0.000702	0.00492	0.009708892	0.009708892
376	5.14E-02	0.001808	0.000877	2.07E-06	0.011974	0.007325	0.005163	0.000709	0.00474	0.009388519	0.009388519
377	1.92E-02	0.001437	0.000694	7.01E-06	0.004146	0.002497	0.001938	0.000262	0.001828	0.003206179	0.003206179
378	2.09E-02	0.001582	0.000763	1E-05	0.004529	0.002712	0.002065	0.000278	0.00199	0.003485136	0.003485136
379	2.28E-02	0.001741	0.000838	1.53E-05	0.004973	0.00295	0.002207	0.000295	0.00217	0.003796078	0.003796078
380	2.46E-02	0.001898	0.000918	4.92E-06	0.005299	0.003216	0.00229	0.000312	0.002368	0.00412631	0.00412631
381	2.68E-02	0.002071	0.001001	7.33E-06	0.005823	0.003522	0.002437	0.000331	0.002596	0.004520788	0.004520788
382	6.45E-02	0.003083	0.001494	7.56E-06	0.015277	0.009314	0.004503	0.000615	0.006334	0.011942896	0.011942896
383	6.66E-02	0.00296	0.001435	6.19E-06	0.015842	0.009669	0.00476	0.000651	0.006499	0.012396366	0.012396366
384	6.75E-02	0.002826	0.00137	5.16E-06	0.016093	0.00983	0.004984	0.000682	0.006544	0.01260104	0.01260104
385	6.73E-02	0.002687	0.001302	4.36E-06	0.016029	0.009796	0.00516	0.000707	0.006473	0.012556352	0.012556352
386	6.63E-02	0.002548	0.001235	3.74E-06	0.015769	0.00964	0.005323	0.00073	0.006333	0.012356576	0.012356576
387	6.49E-02	0.002412	0.001169	3.24E-06	0.015383	0.009407	0.005471	0.00075	0.006148	0.012056768	0.012056768
388	6.31E-02	0.00228	0.001105	2.83E-06	0.014912	0.009121	0.005596	0.000768	0.005934	0.011689801	0.011689801
389	6.11E-02	0.002154	0.001044	2.5E-06	0.01439	0.008803	0.005695	0.000782	0.005704	0.011282534	0.011282534
390	5.90E-02	0.002034	0.000986	2.22E-06	0.013837	0.008466	0.005763	0.000791	0.005465	0.010849902	0.010849902
391	5.68E-02	0.001919	0.000931	1.99E-06	0.013262	0.008115	0.005797	0.000796	0.005221	0.010400096	0.010400096
392	2.08E-02	0.001622	0.000784	6.7E-06	0.004445	0.002682	0.002069	0.000281	0.001982	0.003443039	0.003443039
393	2.27E-02	0.001807	0.000873	9.39E-06	0.004866	0.002922	0.002206	0.000298	0.002166	0.003754008	0.003754008
394	2.48E-02	0.002015	0.000972	1.39E-05	0.005364	0.003199	0.002362	0.000317	0.002378	0.004113438	0.004113438
395	2.70E-02	0.002236	0.00108	4.72E-06	0.00578	0.003512	0.002469	0.000337	0.002617	0.004505168	0.004505168
396	2.99E-02	0.002473	0.001197	6.78E-06	0.006414	0.003888	0.00264	0.000359	0.002903	0.004988249	0.004988249

Franklin School Project

Unmitigated Residential - Residential Construction Health Impact Assessment

547	Receptor
0.49	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
397	7.89E-02	0.003529	0.00171	7.03E-06	0.018907	0.011542	0.005136	0.000702	0.007774	0.014797105	0.014797105
398	8.06E-02	0.003345	0.001621	5.79E-06	0.019371	0.011834	0.005439	0.000745	0.007876	0.015170308	0.015170308
399	8.06E-02	0.003155	0.00153	4.85E-06	0.019379	0.011845	0.005702	0.000781	0.007811	0.01518356	0.01518356
400	7.91E-02	0.002968	0.001439	4.11E-06	0.019	0.011618	0.005907	0.00081	0.007609	0.014890934	0.014890934
401	7.69E-02	0.002788	0.001351	3.53E-06	0.018407	0.011258	0.006092	0.000836	0.007335	0.014429642	0.014429642
402	7.44E-02	0.002617	0.001269	3.07E-06	0.017714	0.010837	0.006252	0.000858	0.007029	0.013888974	0.013888974
403	7.15E-02	0.002453	0.001189	2.69E-06	0.016949	0.01037	0.006377	0.000875	0.006699	0.013290543	0.013290543
404	6.86E-02	0.0023	0.001115	2.37E-06	0.016167	0.009893	0.006465	0.000888	0.006368	0.012678912	0.012678912
405	6.56E-02	0.002158	0.001047	2.11E-06	0.015395	0.009421	0.006515	0.000895	0.006044	0.012074371	0.012074371
406	6.27E-02	0.002025	0.000982	1.89E-06	0.014621	0.008948	0.006521	0.000896	0.005723	0.011468206	0.011468206
407	2.23E-02	0.001829	0.000885	6.08E-06	0.004722	0.002855	0.002198	0.000299	0.002128	0.003664399	0.003664399
408	2.43E-02	0.002057	0.000995	8.14E-06	0.00517	0.003117	0.002343	0.000318	0.002331	0.004002287	0.004002287
409	2.69E-02	0.00233	0.001127	1.14E-05	0.005722	0.003435	0.002513	0.000339	0.002578	0.004412428	0.004412428
410	2.98E-02	0.002642	0.001276	1.65E-05	0.00637	0.003799	0.002701	0.000362	0.002862	0.004885039	0.004885039
411	3.29E-02	0.002991	0.001447	5.65E-06	0.00697	0.004235	0.002841	0.000387	0.003202	0.005432831	0.005432831
412	9.83E-02	0.004026	0.001952	6.36E-06	0.023881	0.014595	0.005895	0.000807	0.009701	0.018708299	0.018708299
413	9.86E-02	0.003763	0.001825	5.31E-06	0.023986	0.014666	0.006245	0.000856	0.009639	0.018797789	0.018797789
414	9.68E-02	0.003507	0.0017	4.48E-06	0.023508	0.014378	0.006577	0.000902	0.009375	0.018428394	0.018428394
415	9.34E-02	0.003263	0.001582	3.83E-06	0.022589	0.013819	0.006821	0.000936	0.008962	0.017711631	0.017711631
416	8.93E-02	0.003034	0.001471	3.3E-06	0.021493	0.013151	0.007026	0.000964	0.008493	0.016854466	0.016854466
417	8.52E-02	0.002825	0.00137	2.88E-06	0.020376	0.012469	0.007198	0.000988	0.008023	0.015980084	0.015980084
418	8.09E-02	0.002627	0.001274	2.53E-06	0.019225	0.011766	0.007314	0.001004	0.007545	0.015079286	0.015079286
419	7.66E-02	0.00244	0.001183	2.24E-06	0.018077	0.011064	0.007366	0.001012	0.007072	0.014179746	0.014179746
420	7.26E-02	0.002276	0.001104	2E-06	0.017041	0.010431	0.007385	0.001014	0.006647	0.01336782	0.01336782
421	6.88E-02	0.002124	0.00103	1.8E-06	0.016045	0.009821	0.007349	0.00101	0.006241	0.012586672	0.012586672
422	2.39E-02	0.002064	0.000999	5.36E-06	0.005016	0.00304	0.002339	0.000319	0.002288	0.003900832	0.003900832
423	2.64E-02	0.002361	0.001143	6.89E-06	0.005532	0.003347	0.002506	0.000341	0.002532	0.004295097	0.004295097
424	2.93E-02	0.002723	0.001318	9.09E-06	0.00615	0.003712	0.002694	0.000365	0.002824	0.004764997	0.004764997
425	3.28E-02	0.003154	0.001526	1.21E-05	0.006873	0.004135	0.002898	0.000392	0.003162	0.005311218	0.005311218
426	3.70E-02	0.003688	0.001784	1.61E-05	0.007769	0.00466	0.003133	0.000422	0.003584	0.00598689	0.00598689
427	1.25E-01	0.004553	0.002208	5.64E-06	0.030976	0.018947	0.006932	0.00095	0.012354	0.024284352	0.024284352
428	1.22E-01	0.004202	0.002037	4.78E-06	0.030086	0.018407	0.007285	0.000999	0.011908	0.023591912	0.023591912
429	1.17E-01	0.003867	0.001875	4.09E-06	0.028605	0.017504	0.007664	0.001052	0.011269	0.02243389	0.02243389
430	1.10E-01	0.00356	0.001726	3.52E-06	0.026814	0.01641	0.007943	0.00109	0.01053	0.021031488	0.021031488
431	1.04E-01	0.003282	0.001592	3.07E-06	0.025023	0.015316	0.008171	0.001122	0.0098	0.019628315	0.019628315
432	9.72E-02	0.003027	0.001468	2.69E-06	0.023305	0.014265	0.008337	0.001145	0.009103	0.01828173	0.01828173
433	9.12E-02	0.002795	0.001356	2.38E-06	0.021698	0.013282	0.008434	0.001158	0.008452	0.017022029	0.017022029
434	8.53E-02	0.002576	0.001249	2.11E-06	0.020137	0.012327	0.008438	0.001159	0.007822	0.015798436	0.015798436
435	8.01E-02	0.002385	0.001157	1.88E-06	0.018765	0.011488	0.008394	0.001153	0.00727	0.014722615	0.014722615
436	7.52E-02	0.002214	0.001074	1.7E-06	0.017515	0.010723	0.008296	0.00114	0.00677	0.013741975	0.013741975
437	2.56E-02	0.00232	0.001124	4.62E-06	0.005314	0.003228	0.002489	0.00034	0.002454	0.004140384	0.004140384
438	2.85E-02	0.002702	0.001309	5.73E-06	0.0059	0.003579	0.00268	0.000365	0.002741	0.004592248	0.004592248
439	3.20E-02	0.003188	0.001544	7.67E-06	0.006606	0.004	0.002895	0.000394	0.003088	0.005132879	0.005132879
440	3.60E-02	0.003773	0.001828	8.98E-06	0.007411	0.004485	0.00312	0.000424	0.003487	0.005755876	0.005755876

Franklin School Project

Unmitigated Residential - Residential Construction Health Impact Assessment

547	Receptor
0.49	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
441	4.15E-02	0.004614	0.002236	1.12E-05	0.00847	0.00512	0.003391	0.00046	0.004019	0.006571396	0.006571396
442	1.63E-01	0.005099	0.002473	4.95E-06	0.04085	0.025003	0.008232	0.001129	0.01592	0.032043479	0.032043479
443	1.52E-01	0.004648	0.002254	4.27E-06	0.037923	0.023213	0.008609	0.001181	0.014757	0.029749849	0.029749849
444	1.40E-01	0.004226	0.00205	3.7E-06	0.034696	0.02124	0.009025	0.001239	0.013498	0.027219855	0.027219855
445	1.29E-01	0.003852	0.001868	3.22E-06	0.03164	0.01937	0.009339	0.001282	0.012296	0.024823285	0.024823285
446	1.19E-01	0.003518	0.001706	2.83E-06	0.028899	0.017693	0.009574	0.001315	0.011216	0.02267387	0.02267387
447	1.10E-01	0.003218	0.001561	2.49E-06	0.026461	0.0162	0.009719	0.001335	0.01025	0.020761191	0.020761191
448	1.02E-01	0.002953	0.001432	2.22E-06	0.02433	0.014896	0.009778	0.001343	0.009404	0.019089873	0.019089873
449	9.48E-02	0.002707	0.001313	1.98E-06	0.022351	0.013685	0.00972	0.001335	0.008619	0.01753765	0.01753765
450	8.79E-02	0.002486	0.001206	1.77E-06	0.020566	0.012592	0.009573	0.001315	0.007913	0.016137132	0.016137132
451	8.18E-02	0.002293	0.001112	1.6E-06	0.019002	0.011635	0.009371	0.001288	0.007296	0.014910411	0.014910411
452	2.73E-02	0.002589	0.001255	3.94E-06	0.00561	0.003413	0.002648	0.000362	0.002621	0.004377014	0.004377014
453	3.06E-02	0.003072	0.001489	4.9E-06	0.006272	0.003812	0.002868	0.000392	0.002957	0.004890041	0.004890041
454	3.49E-02	0.003731	0.001808	6.56E-06	0.007088	0.004302	0.003119	0.000425	0.003376	0.005519458	0.005519458
455	3.99E-02	0.004568	0.002214	6.94E-06	0.008019	0.004871	0.003381	0.000461	0.003863	0.006247965	0.006247965
456	4.67E-02	0.005835	0.002829	8.27E-06	0.009248	0.005615	0.003694	0.000503	0.004517	0.007203453	0.007203453
457	2.11E-01	0.005639	0.002735	4.33E-06	0.053796	0.03294	0.009815	0.001347	0.020491	0.042213858	0.042213858
458	1.88E-01	0.005076	0.002462	3.8E-06	0.047279	0.02895	0.010311	0.001416	0.018112	0.037100572	0.037100572
459	1.67E-01	0.00457	0.002216	3.33E-06	0.041548	0.025441	0.010745	0.001476	0.015969	0.032603515	0.032603515
460	1.50E-01	0.004126	0.002001	2.93E-06	0.036863	0.022572	0.011083	0.001522	0.014186	0.028926969	0.028926969
461	1.36E-01	0.003736	0.001812	2.6E-06	0.032994	0.020204	0.011305	0.001553	0.012693	0.025891359	0.025891359
462	1.24E-01	0.003394	0.001646	2.31E-06	0.029783	0.018238	0.011407	0.001567	0.011442	0.023371905	0.023371905
463	1.14E-01	0.003094	0.001501	2.07E-06	0.027048	0.016563	0.011385	0.001564	0.010373	0.021225765	0.021225765
464	1.05E-01	0.002824	0.00137	1.86E-06	0.024633	0.015084	0.011233	0.001544	0.009428	0.019330372	0.019330372
465	9.62E-02	0.002577	0.00125	1.67E-06	0.022422	0.01373	0.010945	0.001504	0.008565	0.017595427	0.017595427
466	8.86E-02	0.002362	0.001146	1.51E-06	0.020506	0.012557	0.010594	0.001456	0.00782	0.01609243	0.01609243
467	2.89E-02	0.002849	0.001381	3.36E-06	0.005889	0.003588	0.002814	0.000385	0.002781	0.004600637	0.004600637
468	3.28E-02	0.003436	0.001666	4.18E-06	0.006627	0.004034	0.003065	0.000419	0.003167	0.005173901	0.005173901
469	3.75E-02	0.004231	0.002051	5.46E-06	0.007513	0.004569	0.003345	0.000457	0.003636	0.005860773	0.005860773
470	4.38E-02	0.00542	0.002628	5.46E-06	0.008613	0.005244	0.003662	0.0005	0.004244	0.006724883	0.006724883
471	5.25E-02	0.007345	0.003562	6.37E-06	0.010076	0.006135	0.004041	0.000552	0.005075	0.007867542	0.007867542
472	2.67E-01	0.006152	0.002984	3.8E-06	0.068803	0.042141	0.011833	0.001625	0.02577	0.054002339	0.054002339
473	2.26E-01	0.005474	0.002655	3.37E-06	0.057233	0.035053	0.012443	0.001709	0.021663	0.044919715	0.044919715
474	1.95E-01	0.004881	0.002367	2.99E-06	0.048613	0.029773	0.012933	0.001777	0.018504	0.038153416	0.038153416
475	1.72E-01	0.004372	0.002121	2.67E-06	0.042213	0.025853	0.013284	0.001825	0.016101	0.033130216	0.033130216
476	1.54E-01	0.003931	0.001907	2.38E-06	0.037207	0.022786	0.013463	0.00185	0.014191	0.029200768	0.029200768
477	1.39E-01	0.003549	0.001721	2.14E-06	0.033179	0.02032	0.013472	0.001851	0.012641	0.026039413	0.026039413
478	1.26E-01	0.003213	0.001559	1.92E-06	0.029789	0.018243	0.013304	0.001828	0.011332	0.023378984	0.023378984
479	1.15E-01	0.002919	0.001416	1.74E-06	0.026892	0.01647	0.01299	0.001785	0.010213	0.021105726	0.021105726
480	1.05E-01	0.002658	0.001289	1.57E-06	0.024341	0.014907	0.012546	0.001724	0.00923	0.019103717	0.019103717
481	9.57E-02	0.00242	0.001174	1.43E-06	0.022026	0.013489	0.011983	0.001647	0.00834	0.017286421	0.017286421
482	3.05E-02	0.003091	0.001499	2.87E-06	0.006153	0.003753	0.002986	0.000409	0.002934	0.004811508	0.004811508
483	3.49E-02	0.003798	0.001842	3.53E-06	0.006972	0.00425	0.003275	0.000448	0.003375	0.005449484	0.005449484
484	4.03E-02	0.004775	0.002315	4.47E-06	0.007958	0.004849	0.003599	0.000492	0.003919	0.006217588	0.006217588

Franklin School Project

Unmitigated Residential - Residential Construction Health Impact Assessment

547	Receptor
0.49	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
485	4.79E-02	0.006353	0.003082	4.43E-06	0.009232	0.00563	0.00398	0.000545	0.004659	0.007218545	0.007218545
486	5.87E-02	0.008978	0.004355	5.06E-06	0.010928	0.006665	0.004434	0.000607	0.005684	0.008545282	0.008545282
487	3.19E-01	0.006613	0.003208	3.34E-06	0.082386	0.050468	0.014488	0.00199	0.030702	0.064672591	0.064672591
488	2.62E-01	0.005829	0.002827	3.01E-06	0.066457	0.040708	0.01523	0.002093	0.024991	0.052165908	0.052165908
489	2.23E-01	0.005154	0.0025	2.7E-06	0.055366	0.033913	0.015767	0.002167	0.020916	0.04345865	0.04345865
490	1.94E-01	0.004583	0.002223	2.43E-06	0.047427	0.02905	0.016086	0.002211	0.017943	0.037226344	0.037226344
491	1.72E-01	0.004094	0.001986	2.19E-06	0.041374	0.025342	0.016156	0.00222	0.015647	0.03247468	0.03247468
492	1.54E-01	0.003675	0.001783	1.98E-06	0.036561	0.022393	0.01599	0.002198	0.013811	0.028696721	0.028696721
493	1.38E-01	0.003304	0.001603	1.79E-06	0.032458	0.01988	0.015566	0.002139	0.012243	0.025475876	0.025475876
494	1.25E-01	0.002989	0.00145	1.62E-06	0.029084	0.017813	0.015012	0.002063	0.010956	0.022827274	0.022827274
495	1.13E-01	0.002714	0.001317	1.48E-06	0.026164	0.016025	0.014333	0.00197	0.009845	0.020535315	0.020535315
496	1.03E-01	0.002463	0.001195	1.35E-06	0.023503	0.014395	0.013522	0.001859	0.008836	0.018447151	0.018447151
497	3.20E-02	0.003336	0.001618	2.5E-06	0.006415	0.003915	0.003172	0.000435	0.003087	0.005019705	0.005019705
498	3.70E-02	0.004159	0.002017	2.96E-06	0.007311	0.004461	0.003503	0.00048	0.003584	0.005719735	0.005719735
499	4.34E-02	0.00538	0.00261	3.63E-06	0.008435	0.005146	0.003889	0.000533	0.004232	0.006597813	0.006597813
500	5.23E-02	0.007326	0.003553	4.5E-06	0.009888	0.006031	0.004347	0.000595	0.00511	0.007732728	0.007732728
501	6.49E-02	0.010481	0.005085	4.11E-06	0.011782	0.007194	0.004879	0.000669	0.006332	0.009222876	0.009222876
502	3.61E-01	0.00702	0.003406	2.96E-06	0.092804	0.056855	0.018093	0.002486	0.034529	0.072856414	0.072856414
503	2.94E-01	0.006126	0.002972	2.69E-06	0.074144	0.045421	0.018939	0.002603	0.027756	0.058204569	0.058204569
504	2.49E-01	0.005381	0.002611	2.44E-06	0.061585	0.037726	0.019489	0.002679	0.023105	0.048344474	0.048344474
505	2.16E-01	0.004753	0.002306	2.21E-06	0.052466	0.032139	0.019686	0.002706	0.019684	0.041185126	0.041185126
506	1.90E-01	0.00422	0.002047	2.01E-06	0.045467	0.027851	0.019522	0.002683	0.017041	0.035690301	0.035690301
507	1.69E-01	0.003766	0.001827	1.83E-06	0.039857	0.024414	0.019033	0.002616	0.01492	0.031286342	0.031286342
508	1.51E-01	0.003373	0.001636	1.66E-06	0.03517	0.021543	0.018267	0.002511	0.013149	0.027606322	0.027606322
509	1.35E-01	0.003035	0.001472	1.52E-06	0.031215	0.01912	0.017325	0.002382	0.01166	0.024501404	0.024501404
510	1.22E-01	0.002743	0.001331	1.39E-06	0.027831	0.017047	0.016282	0.002238	0.01039	0.021845318	0.021845318
511	1.09E-01	0.002482	0.001204	1.28E-06	0.024815	0.0152	0.015146	0.002082	0.009261	0.019477875	0.019477875
512	3.34E-02	0.003533	0.001714	2.18E-06	0.006636	0.004053	0.003356	0.00046	0.003215	0.005195466	0.005195466
513	3.87E-02	0.004435	0.002151	2.47E-06	0.007591	0.004636	0.003729	0.000511	0.003754	0.005943131	0.005943131
514	4.56E-02	0.005749	0.002789	2.91E-06	0.008781	0.005363	0.004165	0.000571	0.004455	0.00687465	0.00687465
515	5.56E-02	0.007974	0.003868	3.43E-06	0.010382	0.006341	0.004704	0.000645	0.005461	0.008128275	0.008128275
516	7.00E-02	0.011607	0.005631	3.91E-06	0.012521	0.007648	0.005354	0.000734	0.006906	0.009804331	0.009804331
517	3.96E-01	0.007367	0.003574	2.64E-06	0.100911	0.061825	0.023119	0.003178	0.037499	0.079224811	0.079224811
518	3.27E-01	0.006389	0.0031	2.42E-06	0.081706	0.050057	0.024081	0.00331	0.030405	0.064144752	0.064144752
519	2.77E-01	0.005567	0.002701	2.22E-06	0.067865	0.041576	0.024491	0.003367	0.025246	0.053277777	0.053277777
520	2.39E-01	0.00488	0.002368	2.02E-06	0.057539	0.035249	0.024348	0.003347	0.02138	0.045170229	0.045170229
521	2.10E-01	0.004309	0.00209	1.85E-06	0.049612	0.030392	0.023739	0.003263	0.01841	0.038945987	0.038945987
522	1.85E-01	0.003828	0.001857	1.7E-06	0.043231	0.026483	0.022738	0.003126	0.016024	0.033936382	0.033936382
523	1.64E-01	0.003413	0.001656	1.55E-06	0.037837	0.023178	0.021413	0.002944	0.014015	0.029701367	0.029701367
524	1.45E-01	0.003058	0.001483	1.43E-06	0.033283	0.020388	0.019934	0.00274	0.012324	0.026126175	0.026126175
525	1.29E-01	0.00275	0.001334	1.31E-06	0.029364	0.017987	0.018381	0.002527	0.010875	0.023050037	0.023050037
526	1.15E-01	0.002473	0.0012	1.2E-06	0.025881	0.015853	0.016778	0.002307	0.009589	0.020315253	0.020315253
527	3.45E-02	0.003697	0.001793	1.92E-06	0.006826	0.004171	0.003543	0.000486	0.003322	0.005346534	0.005346534
528	4.03E-02	0.004677	0.002269	2.13E-06	0.007842	0.004793	0.003965	0.000544	0.003905	0.006143245	0.006143245

Franklin School Project

Unmitigated Residential - Residential Construction Health Impact Assessment

547	Receptor
0.49	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
529	4.80E-02	0.00617	0.002993	2.4E-06	0.009148	0.005591	0.004477	0.000614	0.004694	0.007166877	0.007166877
530	5.89E-02	0.008564	0.004155	2.72E-06	0.010864	0.006641	0.005102	0.0007	0.005801	0.008511945	0.008511945
531	7.46E-02	0.012429	0.006031	3E-06	0.013219	0.008082	0.005884	0.000807	0.007454	0.010359279	0.010359279
532	4.34E-01	0.007631	0.003702	2.36E-06	0.109356	0.067002	0.03024	0.004157	0.040405	0.085858213	0.085858213
533	3.63E-01	0.006569	0.003187	2.18E-06	0.089585	0.054887	0.031142	0.004281	0.033014	0.070333756	0.070333756
534	3.06E-01	0.005661	0.002747	2.01E-06	0.073817	0.045225	0.030975	0.004258	0.027159	0.057953073	0.057953073
535	2.61E-01	0.004911	0.002383	1.84E-06	0.061872	0.037906	0.029982	0.004122	0.022736	0.048573805	0.048573805
536	2.27E-01	0.004305	0.002089	1.7E-06	0.052895	0.032405	0.028513	0.00392	0.019419	0.041525782	0.041525782
537	1.99E-01	0.00381	0.001848	1.56E-06	0.045829	0.028076	0.026731	0.003675	0.016815	0.035977439	0.035977439
538	1.75E-01	0.003389	0.001644	1.44E-06	0.039881	0.024431	0.024683	0.003393	0.014633	0.031307205	0.031307205
539	1.54E-01	0.003036	0.001473	1.33E-06	0.034936	0.021401	0.022609	0.003108	0.012824	0.02742476	0.02742476
540	1.35E-01	0.002716	0.001318	1.23E-06	0.030449	0.018653	0.020399	0.002804	0.011189	0.023902495	0.023902495
541	1.19E-01	0.002434	0.00118	1.13E-06	0.026552	0.016265	0.018269	0.002512	0.00977	0.020842939	0.020842939
542	3.54E-02	0.003809	0.001848	1.7E-06	0.006968	0.00426	0.003722	0.000511	0.003396	0.005459915	0.005459915
543	4.16E-02	0.004863	0.002359	1.88E-06	0.008045	0.004918	0.0042	0.000577	0.00402	0.006304221	0.006304221
544	5.01E-02	0.006511	0.003159	2.08E-06	0.009458	0.005783	0.004797	0.000659	0.004888	0.0074127	0.0074127
545	6.16E-02	0.008991	0.004362	2.27E-06	0.011274	0.006895	0.00552	0.000758	0.006077	0.00883715	0.00883715
546	7.80E-02	0.012945	0.006281	2.45E-06	0.013736	0.008402	0.006427	0.000882	0.00783	0.010769023	0.010769023
547	4.90E-01	0.0078	0.003784	2.12E-06	0.122019	0.074764	0.040494	0.005567	0.044418	0.09580402	0.09580402
548	4.06E-01	0.006646	0.003225	1.97E-06	0.098532	0.060371	0.040791	0.005608	0.035783	0.077361061	0.077361061
549	3.39E-01	0.005694	0.002762	1.83E-06	0.080616	0.049393	0.039611	0.005446	0.029249	0.063292992	0.063292992
550	2.87E-01	0.004909	0.002382	1.69E-06	0.066981	0.041037	0.037254	0.005122	0.024299	0.05258663	0.05258663
551	2.39E-01	0.004208	0.002041	1.55E-06	0.054979	0.033683	0.033453	0.004599	0.019969	0.043162703	0.043162703
552	2.05E-01	0.003681	0.001786	1.42E-06	0.046615	0.028559	0.030174	0.004148	0.016946	0.036596069	0.036596069
553	1.80E-01	0.003277	0.00159	1.32E-06	0.040472	0.024794	0.027371	0.003763	0.014725	0.031772726	0.031772726
554	1.57E-01	0.002926	0.00142	1.23E-06	0.035119	0.021514	0.024529	0.003372	0.012795	0.02756965	0.02756965
555	1.37E-01	0.002624	0.001273	1.14E-06	0.030566	0.018725	0.021863	0.003006	0.011156	0.02399467	0.02399467
556	1.19E-01	0.00235	0.00114	1.05E-06	0.026491	0.016228	0.019289	0.002652	0.00969	0.020795763	0.020795763
557	3.61E-02	0.003875	0.00188	1.52E-06	0.007064	0.00432	0.003891	0.000534	0.003439	0.005536667	0.005536667
558	4.25E-02	0.004972	0.002412	1.67E-06	0.008181	0.005003	0.004423	0.000607	0.004085	0.006412269	0.006412269
559	5.12E-02	0.006641	0.003222	1.82E-06	0.009628	0.005889	0.005087	0.000698	0.004971	0.007547433	0.007547433
560	6.35E-02	0.009237	0.004482	1.98E-06	0.011562	0.007073	0.005933	0.000815	0.006244	0.009065309	0.009065309
561	8.04E-02	0.01322	0.006415	2.12E-06	0.014076	0.008613	0.006971	0.000957	0.008031	0.011038818	0.011038818
562	4.69E-01	0.006718	0.00326	1.8E-06	0.111751	0.068474	0.055437	0.007622	0.03982	0.087743561	0.087743561
563	3.88E-01	0.005724	0.002777	1.68E-06	0.090532	0.05547	0.052189	0.007176	0.032312	0.071080926	0.071080926
564	3.18E-01	0.004859	0.002357	1.55E-06	0.072798	0.044603	0.04642	0.006383	0.026055	0.057155708	0.057155708
565	2.45E-01	0.003982	0.001932	1.39E-06	0.055345	0.033909	0.037707	0.005184	0.0199	0.043451767	0.043451767
566	2.06E-01	0.003467	0.001682	1.29E-06	0.046238	0.028328	0.032897	0.004523	0.016664	0.036300935	0.036300935
567	1.76E-01	0.003065	0.001487	1.2E-06	0.039273	0.02406	0.028789	0.003958	0.01419	0.030831989	0.030831989
568	1.52E-01	0.002736	0.001327	1.12E-06	0.033729	0.020663	0.025237	0.00347	0.012218	0.026478543	0.026478543
569	1.32E-01	0.002454	0.00119	1.04E-06	0.029146	0.017855	0.022117	0.003041	0.010587	0.022880437	0.022880437
570	1.17E-01	0.002228	0.001081	9.79E-07	0.025646	0.01571	0.019649	0.002701	0.009338	0.020132273	0.020132273
571	3.65E-02	0.003917	0.001901	1.37E-06	0.007127	0.004359	0.00405	0.000556	0.003459	0.005586708	0.005586708
572	4.33E-02	0.005069	0.002459	1.49E-06	0.008288	0.00507	0.004644	0.000638	0.004129	0.00649775	0.00649775

Franklin School Project

Unmitigated Residential - Residential Construction Health Impact Assessment

547	Receptor
0.49	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
573	5.20E-02	0.006709	0.003255	1.62E-06	0.009736	0.005956	0.005367	0.000737	0.005005	0.007634116	0.007634116
574	6.46E-02	0.00932	0.004522	1.74E-06	0.011725	0.007174	0.006324	0.000869	0.0063	0.009194857	0.009194857
575	8.16E-02	0.013284	0.006446	1.85E-06	0.014248	0.00872	0.007495	0.00103	0.008062	0.011175666	0.011175666
576	4.54E-01	0.005703	0.002767	1.54E-06	0.103547	0.063447	0.070102	0.009639	0.036364	0.081302496	0.081302496
577	3.66E-01	0.004836	0.002346	1.44E-06	0.082394	0.050485	0.059679	0.008206	0.029073	0.064691922	0.064691922
578	2.86E-01	0.004066	0.001973	1.33E-06	0.0637	0.039029	0.048144	0.00662	0.022605	0.050013373	0.050013373
579	2.36E-01	0.00354	0.001717	1.24E-06	0.052211	0.031989	0.040511	0.00557	0.018605	0.04099156	0.04099156
580	1.95E-01	0.003095	0.001501	1.15E-06	0.042923	0.026298	0.033839	0.004653	0.015363	0.033698756	0.033698756
581	1.61E-01	0.002702	0.001311	1.07E-06	0.035205	0.021568	0.028003	0.00385	0.01266	0.027638303	0.027638303
582	1.35E-01	0.002387	0.001158	9.89E-07	0.029473	0.018056	0.023553	0.003238	0.010644	0.023137774	0.023137774
583	1.14E-01	0.002121	0.001029	9.17E-07	0.024931	0.015273	0.019959	0.002744	0.00904	0.019571238	0.019571238
584	3.66E-02	0.003895	0.00189	1.24E-06	0.007128	0.00436	0.004183	0.000574	0.003438	0.005588568	0.005588568
585	4.35E-02	0.005038	0.002444	1.34E-06	0.008296	0.005076	0.004823	0.000663	0.004103	0.006505254	0.006505254
586	5.26E-02	0.006714	0.003258	1.44E-06	0.009801	0.005997	0.005636	0.000774	0.005003	0.007686539	0.007686539
587	6.47E-02	0.009203	0.004466	1.54E-06	0.011721	0.007173	0.006654	0.000914	0.006214	0.009193166	0.009193166
588	8.20E-02	0.013163	0.006387	1.63E-06	0.014277	0.008739	0.007981	0.001097	0.007944	0.011199821	0.011199821
589	4.40E-01	0.004809	0.002333	1.35E-06	0.097259	0.059595	0.078651	0.010815	0.033847	0.076366489	0.076366489
590	3.51E-01	0.004162	0.002019	1.27E-06	0.077042	0.047206	0.06374	0.008764	0.026964	0.06049059	0.06049059
591	2.79E-01	0.003623	0.001758	1.19E-06	0.061068	0.037417	0.051148	0.007033	0.021507	0.047947161	0.047947161
592	2.19E-01	0.003134	0.001521	1.11E-06	0.047772	0.029269	0.040192	0.005526	0.016941	0.037506538	0.037506538
593	1.78E-01	0.002751	0.001335	1.04E-06	0.038716	0.02372	0.032548	0.004475	0.013811	0.03039532	0.03039532
594	1.45E-01	0.002409	0.001169	9.65E-07	0.031419	0.019248	0.02631	0.003617	0.011275	0.024665822	0.024665822
595	1.18E-01	0.002105	0.001021	8.9E-07	0.025612	0.01569	0.021322	0.002932	0.009243	0.020106402	0.020106402
596	3.64E-02	0.003819	0.001853	1.13E-06	0.007078	0.00433	0.004286	0.000589	0.003385	0.005549817	0.005549817
597	4.32E-02	0.004935	0.002394	1.21E-06	0.008247	0.005046	0.004971	0.000683	0.004038	0.006467379	0.006467379
598	5.19E-02	0.006485	0.003147	1.29E-06	0.009674	0.00592	0.005804	0.000797	0.00486	0.007587604	0.007587604
599	6.39E-02	0.008888	0.004313	1.37E-06	0.011566	0.007079	0.006902	0.000948	0.006009	0.009072981	0.009072981
600	8.08E-02	0.012731	0.006178	1.45E-06	0.014065	0.00861	0.008342	0.001146	0.007613	0.011034375	0.011034375
601	3.81E-01	0.004007	0.001944	1.18E-06	0.082402	0.050492	0.073804	0.010148	0.028607	0.064700642	0.064700642
602	2.91E-01	0.003483	0.00169	1.12E-06	0.062871	0.038523	0.056257	0.007735	0.022001	0.049363602	0.049363602
603	2.26E-01	0.003034	0.001472	1.05E-06	0.048694	0.029834	0.043278	0.005951	0.017174	0.038230655	0.038230655
604	1.81E-01	0.00267	0.001295	9.88E-07	0.039014	0.023903	0.03434	0.004722	0.013855	0.030630172	0.030630172
605	1.47E-01	0.002356	0.001143	9.25E-07	0.031719	0.019433	0.027612	0.003796	0.011337	0.024902077	0.024902077
606	1.20E-01	0.002072	0.001005	8.6E-07	0.025875	0.015852	0.02226	0.003061	0.009305	0.020313435	0.020313435
607	3.59E-02	0.00368	0.001785	1.03E-06	0.006969	0.004264	0.00435	0.000598	0.003298	0.005465386	0.005465386
608	4.25E-02	0.004721	0.00229	1.1E-06	0.008106	0.00496	0.005057	0.000695	0.003915	0.006357306	0.006357306
609	5.09E-02	0.006181	0.002999	1.17E-06	0.009504	0.005817	0.005932	0.000815	0.004694	0.007454826	0.007454826
610	6.21E-02	0.008377	0.004065	1.23E-06	0.011291	0.006912	0.007057	0.00097	0.005723	0.008858123	0.008858123
611	7.81E-02	0.011943	0.005795	1.3E-06	0.013661	0.008364	0.008557	0.001176	0.007144	0.010718865	0.010718865
612	3.93E-01	0.003814	0.00185	1.1E-06	0.08385	0.051379	0.08037	0.011051	0.028967	0.065837872	0.065837872
613	2.92E-01	0.003321	0.001611	1.05E-06	0.062256	0.038146	0.058807	0.008086	0.021705	0.0488809	0.0488809
614	2.22E-01	0.002899	0.001407	9.9E-07	0.047524	0.029118	0.04413	0.006068	0.016714	0.03731269	0.03731269
615	1.76E-01	0.002555	0.001239	9.35E-07	0.037746	0.023126	0.034438	0.004735	0.013376	0.029634783	0.029634783
616	1.43E-01	0.002259	0.001096	8.79E-07	0.030593	0.018743	0.027433	0.003772	0.010916	0.024017513	0.024017513

Franklin School Project

Unmitigated Residential - Residential Construction Health Impact Assessment

547	Receptor
0.49	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
617	1.16E-01	0.001986	0.000964	8.2E-07	0.024833	0.015213	0.021886	0.003009	0.008919	0.01949522	0.01949522
618	3.50E-02	0.003484	0.001691	9.4E-07	0.006808	0.004166	0.00437	0.0006	0.003184	0.005339152	0.005339152
619	4.10E-02	0.004397	0.002134	1E-06	0.007862	0.004812	0.005065	0.000696	0.003734	0.00616645	0.00616645
620	4.91E-02	0.005732	0.002781	1.06E-06	0.009225	0.005647	0.005971	0.00082	0.004466	0.007236583	0.007236583
621	5.93E-02	0.007633	0.003704	1.11E-06	0.010868	0.006653	0.007081	0.000973	0.005359	0.00852627	0.00852627
622	7.41E-02	0.01076	0.005221	1.17E-06	0.013105	0.008024	0.008611	0.001183	0.006606	0.010282417	0.010282417
623	3.74E-01	0.003592	0.001743	1.03E-06	0.078884	0.048336	0.079576	0.010942	0.027226	0.061938778	0.061938778
624	2.73E-01	0.00313	0.001518	9.83E-07	0.057826	0.035432	0.056807	0.007811	0.020156	0.045402633	0.045402633
625	2.09E-01	0.002742	0.00133	9.32E-07	0.044285	0.027134	0.042415	0.005832	0.015575	0.034769758	0.034769758
626	1.66E-01	0.002425	0.001176	8.84E-07	0.035327	0.021644	0.033049	0.004544	0.01252	0.027735395	0.027735395
627	1.36E-01	0.002161	0.001048	8.37E-07	0.028996	0.017764	0.026556	0.003651	0.010345	0.022764006	0.022764006
628	1.11E-01	0.001914	0.000928	7.86E-07	0.023806	0.014584	0.021358	0.002937	0.008548	0.018689026	0.018689026
629	3.39E-02	0.003257	0.00158	8.63E-07	0.006609	0.004045	0.004352	0.000598	0.003053	0.005183628	0.005183628
630	3.94E-02	0.004036	0.001958	9.14E-07	0.007579	0.004639	0.005025	0.00069	0.003541	0.005944831	0.005944831
631	4.66E-02	0.005155	0.002501	9.65E-07	0.00882	0.005399	0.005895	0.00081	0.004178	0.006918951	0.006918951
632	5.60E-02	0.006766	0.003283	1.01E-06	0.010381	0.006355	0.00701	0.000963	0.004986	0.008144845	0.008144845
633	6.91E-02	0.009276	0.004501	1.06E-06	0.012444	0.007619	0.008513	0.00117	0.00606	0.009764624	0.009764624
634	3.24E-01	0.003349	0.001625	9.64E-07	0.067849	0.041574	0.070143	0.009645	0.023496	0.053273419	0.053273419
635	2.42E-01	0.00293	0.001422	9.22E-07	0.050922	0.031201	0.051091	0.007025	0.017802	0.03998147	0.03998147
636	1.89E-01	0.00258	0.001252	8.78E-07	0.039783	0.024375	0.038769	0.005331	0.014025	0.031234257	0.031234257
637	1.52E-01	0.002291	0.001111	8.36E-07	0.032185	0.019719	0.030543	0.0042	0.011429	0.02526872	0.02526872
638	1.25E-01	0.002044	0.000992	7.93E-07	0.026613	0.016304	0.024656	0.00339	0.009511	0.020893	0.020893
639	1.05E-01	0.001834	0.00089	7.52E-07	0.022384	0.013713	0.020298	0.002791	0.008046	0.017572574	0.017572574
640	3.25E-02	0.002995	0.001453	7.95E-07	0.006363	0.003895	0.004287	0.000589	0.002902	0.004991294	0.004991294
641	3.76E-02	0.003679	0.001785	8.4E-07	0.007291	0.004463	0.004954	0.000681	0.003357	0.005719139	0.005719139
642	4.42E-02	0.004603	0.002233	8.83E-07	0.008441	0.005167	0.005796	0.000797	0.003926	0.006622462	0.006622462
643	5.27E-02	0.005892	0.002859	9.24E-07	0.009892	0.006057	0.006882	0.000946	0.004641	0.007761785	0.007761785
644	6.39E-02	0.007739	0.003755	9.63E-07	0.011756	0.007198	0.008312	0.001142	0.005552	0.009224704	0.009224704
645	2.62E-01	0.003095	0.001502	9.01E-07	0.054529	0.033412	0.056993	0.007837	0.019021	0.042814431	0.042814431
646	2.06E-01	0.00273	0.001324	8.65E-07	0.043155	0.026441	0.043621	0.005998	0.01517	0.033882426	0.033882426
647	1.66E-01	0.002419	0.001173	8.28E-07	0.034846	0.021349	0.03416	0.004697	0.012338	0.027357775	0.027357775
648	1.36E-01	0.002158	0.001047	7.91E-07	0.02879	0.017639	0.027459	0.003775	0.01026	0.022602951	0.022602951
649	1.14E-01	0.001934	0.000938	7.53E-07	0.024177	0.014812	0.022496	0.003093	0.008666	0.018980783	0.018980783
650	9.67E-02	0.00174	0.000844	7.17E-07	0.020551	0.01259	0.0187	0.002571	0.007406	0.016133123	0.016133123
651	3.11E-02	0.002753	0.001335	7.36E-07	0.006128	0.003751	0.004209	0.000578	0.002765	0.004807293	0.004807293
652	3.59E-02	0.003325	0.001613	7.74E-07	0.006995	0.004282	0.004853	0.000667	0.003179	0.00548755	0.00548755
653	4.18E-02	0.004071	0.001975	8.11E-07	0.008059	0.004934	0.00566	0.000778	0.003685	0.006322687	0.006322687
654	4.93E-02	0.005054	0.002452	8.46E-07	0.009385	0.005746	0.006691	0.00092	0.00431	0.007364216	0.007364216
655	5.88E-02	0.006356	0.003084	8.8E-07	0.011054	0.006769	0.008027	0.001103	0.005077	0.008674342	0.008674342
656	7.10E-02	0.008053	0.003908	9.11E-07	0.01317	0.008065	0.009783	0.001345	0.006023	0.010335579	0.010335579
657	8.71E-02	0.010123	0.004912	9.39E-07	0.015998	0.009798	0.012235	0.001682	0.007224	0.012556325	0.012556325
658	1.08E-01	0.012236	0.005938	9.63E-07	0.019921	0.012202	0.01583	0.002176	0.008778	0.01563644	0.01563644
659	1.36E-01	0.01375	0.006673	9.82E-07	0.025269	0.015479	0.021082	0.002898	0.010771	0.01983604	0.01983604
660	1.72E-01	0.014206	0.006894	9.96E-07	0.032879	0.020143	0.029218	0.004017	0.013428	0.025812362	0.025812362

Franklin School Project

Unmitigated Residential - Residential Construction Health Impact Assessment

547	Receptor
0.49	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
661	2.18E-01	0.013512	0.006557	1E-06	0.042509	0.026045	0.040661	0.005591	0.016639	0.033374478	0.033374478
662	2.71E-01	0.011864	0.005757	1.01E-06	0.053469	0.032761	0.055699	0.007659	0.020156	0.041980707	0.041980707
663	3.21E-01	0.009925	0.004816	1E-06	0.063156	0.038698	0.072202	0.009928	0.023166	0.049588488	0.049588488
664	3.61E-01	0.008253	0.004005	9.98E-07	0.070533	0.043219	0.086756	0.01193	0.025386	0.055381552	0.055381552
665	3.83E-01	0.006882	0.00334	9.87E-07	0.074732	0.045792	0.09556	0.01314	0.026545	0.05867853	0.05867853
666	3.89E-01	0.005796	0.002812	9.71E-07	0.075994	0.046566	0.098126	0.013493	0.026746	0.059669833	0.059669833
667	3.78E-01	0.004936	0.002395	9.51E-07	0.074387	0.045581	0.094636	0.013013	0.026023	0.058408263	0.058408263
668	3.51E-01	0.004258	0.002066	9.29E-07	0.070018	0.042904	0.085634	0.011775	0.024417	0.054977175	0.054977175
669	3.07E-01	0.003702	0.001796	9.03E-07	0.062325	0.038189	0.07188	0.009884	0.02174	0.048936026	0.048936026
670	2.56E-01	0.003233	0.001568	8.74E-07	0.052536	0.03219	0.057275	0.007876	0.01839	0.041249168	0.041249168
671	2.09E-01	0.002846	0.001381	8.43E-07	0.04328	0.026518	0.045168	0.006211	0.015234	0.033980932	0.033980932
672	1.72E-01	0.002529	0.001227	8.12E-07	0.03593	0.022014	0.03622	0.00498	0.01272	0.028209767	0.028209767
673	1.43E-01	0.002255	0.001094	7.8E-07	0.030005	0.018383	0.029332	0.004033	0.010685	0.023556994	0.023556994
674	1.20E-01	0.002023	0.000981	7.47E-07	0.025379	0.015549	0.024148	0.00332	0.009087	0.019924601	0.019924601
675	1.02E-01	0.001821	0.000883	7.15E-07	0.021678	0.013281	0.02013	0.002768	0.007801	0.017018446	0.017018446
676	8.82E-02	0.001648	0.000799	6.82E-07	0.01873	0.011474	0.01702	0.00234	0.006771	0.014703424	0.014703424
677	2.94E-02	0.002478	0.001202	6.81E-07	0.00582	0.003562	0.004064	0.000558	0.002595	0.004565382	0.004565382
678	3.36E-02	0.002938	0.001426	7.15E-07	0.006591	0.004035	0.004653	0.000639	0.002953	0.005170898	0.005170898
679	3.88E-02	0.003533	0.001714	7.47E-07	0.00756	0.004628	0.005406	0.000743	0.003401	0.00593107	0.00593107
680	4.51E-02	0.004259	0.002067	7.79E-07	0.008703	0.005329	0.006321	0.000869	0.003922	0.006829129	0.006829129
681	5.33E-02	0.00518	0.002514	8.08E-07	0.010191	0.00624	0.007547	0.001037	0.004581	0.00799733	0.00799733
682	6.32E-02	0.006274	0.003044	8.36E-07	0.012009	0.007354	0.009103	0.001251	0.005361	0.009424568	0.009424568
683	7.56E-02	0.007482	0.003631	8.6E-07	0.014304	0.00876	0.011159	0.001534	0.006304	0.011226174	0.011226174
684	9.20E-02	0.008656	0.0042	8.81E-07	0.017458	0.010693	0.014154	0.001946	0.007516	0.013702897	0.013702897
685	1.12E-01	0.009493	0.004606	8.98E-07	0.021514	0.013179	0.018296	0.002515	0.009004	0.016888347	0.016888347
686	1.37E-01	0.00981	0.00476	9.12E-07	0.026521	0.016247	0.023817	0.003275	0.010761	0.020819874	0.020819874
687	1.67E-01	0.009515	0.004617	9.2E-07	0.032745	0.020061	0.031432	0.004322	0.01285	0.025707133	0.025707133
688	1.99E-01	0.008718	0.00423	9.24E-07	0.039371	0.024122	0.040522	0.005572	0.014993	0.0309105	0.0309105
689	2.28E-01	0.007687	0.00373	9.23E-07	0.045166	0.027673	0.049602	0.00682	0.016804	0.035461434	0.035461434
690	2.52E-01	0.006695	0.003249	9.19E-07	0.049817	0.030524	0.057651	0.007927	0.018212	0.039114165	0.039114165
691	2.66E-01	0.005794	0.002811	9.11E-07	0.052585	0.03222	0.062829	0.008639	0.018979	0.041287896	0.041287896
692	2.71E-01	0.005003	0.002428	8.98E-07	0.053644	0.032869	0.064796	0.00891	0.019174	0.042119395	0.042119395
693	2.65E-01	0.00435	0.00211	8.82E-07	0.052824	0.032367	0.063201	0.00869	0.018758	0.041475173	0.041475173
694	2.50E-01	0.003802	0.001845	8.63E-07	0.050214	0.030767	0.058484	0.008042	0.017765	0.039425622	0.039425622
695	2.26E-01	0.00334	0.00162	8.41E-07	0.045915	0.028133	0.051415	0.00707	0.016228	0.036050596	0.036050596
696	1.97E-01	0.002943	0.001428	8.16E-07	0.040457	0.024789	0.043443	0.005974	0.014321	0.031764631	0.031764631
697	1.68E-01	0.002612	0.001267	7.9E-07	0.034888	0.021375	0.036022	0.004953	0.012393	0.027391072	0.027391072
698	1.44E-01	0.002338	0.001134	7.63E-07	0.030036	0.018402	0.030005	0.004126	0.010713	0.023581111	0.023581111
699	1.23E-01	0.002099	0.001018	7.35E-07	0.025818	0.015817	0.025045	0.003444	0.009251	0.020268921	0.020268921
700	1.06E-01	0.001893	0.000918	7.07E-07	0.022312	0.013669	0.021089	0.0029	0.00803	0.017516484	0.017516484
701	9.16E-02	0.001712	0.000831	6.78E-07	0.019381	0.011873	0.017895	0.00246	0.007005	0.015214905	0.015214905
702	7.99E-02	0.001556	0.000755	6.49E-07	0.016971	0.010397	0.015346	0.00211	0.006159	0.013322732	0.013322732
703	2.77E-02	0.00223	0.001082	6.33E-07	0.005518	0.003378	0.003906	0.000537	0.002434	0.004328644	0.004328644
704	3.16E-02	0.002615	0.001269	6.63E-07	0.006237	0.003818	0.004465	0.000614	0.002762	0.004893045	0.004893045

Franklin School Project

Unmitigated Residential - Residential Construction Health Impact Assessment

547	Receptor
0.49	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
705	3.60E-02	0.003069	0.001489	6.91E-07	0.007076	0.004332	0.005132	0.000705	0.003139	0.005551631	0.005551631
706	4.15E-02	0.003617	0.001755	7.19E-07	0.008097	0.004958	0.005966	0.00082	0.003591	0.006353458	0.006353458
707	4.82E-02	0.004263	0.002069	7.45E-07	0.009357	0.005729	0.007028	0.000966	0.004133	0.0073424	0.0073424
708	5.66E-02	0.005002	0.002427	7.69E-07	0.010944	0.006702	0.008419	0.001157	0.00479	0.008588491	0.008588491
709	6.67E-02	0.005766	0.002798	7.91E-07	0.012887	0.007893	0.010206	0.001403	0.005562	0.010114577	0.010114577
710	7.97E-02	0.006471	0.00314	8.09E-07	0.015433	0.009452	0.012696	0.001745	0.006521	0.01211313	0.01211313
711	9.43E-02	0.006978	0.003386	8.25E-07	0.01836	0.011246	0.015751	0.002165	0.007595	0.014411829	0.014411829
712	1.12E-01	0.007197	0.003492	8.37E-07	0.021988	0.013469	0.019834	0.002727	0.008867	0.017260442	0.017260442
713	1.31E-01	0.007094	0.003442	8.46E-07	0.025927	0.015884	0.024641	0.003388	0.010203	0.020354325	0.020354325
714	1.52E-01	0.006688	0.003245	8.5E-07	0.03025	0.018533	0.030434	0.004185	0.011614	0.023748472	0.023748472
715	1.71E-01	0.006107	0.002963	8.5E-07	0.034063	0.02087	0.035994	0.004949	0.012816	0.026743338	0.026743338
716	1.86E-01	0.005496	0.002667	8.48E-07	0.03703	0.022688	0.040698	0.005596	0.013718	0.029072951	0.029072951
717	1.95E-01	0.004886	0.002371	8.42E-07	0.038948	0.023864	0.043897	0.006036	0.014253	0.030579441	0.030579441
718	1.99E-01	0.004319	0.002096	8.32E-07	0.039842	0.024412	0.045395	0.006242	0.014439	0.031281587	0.031281587
719	1.97E-01	0.003821	0.001854	8.19E-07	0.039531	0.024221	0.044863	0.006169	0.014227	0.031037314	0.031037314
720	1.88E-01	0.003387	0.001643	8.03E-07	0.03807	0.023325	0.042451	0.005837	0.01364	0.029889673	0.029889673
721	1.74E-01	0.003012	0.001461	7.85E-07	0.035544	0.021778	0.038549	0.005301	0.012711	0.027906638	0.027906638
722	1.56E-01	0.002679	0.0013	7.63E-07	0.032205	0.019732	0.03384	0.004653	0.011519	0.025284629	0.025284629
723	1.38E-01	0.002398	0.001163	7.4E-07	0.02866	0.017559	0.02914	0.004007	0.010271	0.022501077	0.022501077
724	1.22E-01	0.002166	0.001051	7.18E-07	0.025417	0.015572	0.025098	0.003451	0.009133	0.019954302	0.019954302
725	1.07E-01	0.001956	0.000949	6.94E-07	0.022366	0.013702	0.02149	0.002955	0.008063	0.017558852	0.017558852
726	9.34E-02	0.001773	0.00086	6.69E-07	0.01968	0.012056	0.018447	0.002536	0.00712	0.015449526	0.015449526
727	8.20E-02	0.00161	0.000781	6.43E-07	0.017344	0.010625	0.015896	0.002186	0.006297	0.01361558	0.01361558
728	7.24E-02	0.001469	0.000713	6.18E-07	0.015374	0.009418	0.013812	0.001899	0.005601	0.012068377	0.012068377
729	2.62E-02	0.002018	0.000979	5.9E-07	0.005243	0.003209	0.003751	0.000515	0.002293	0.004112939	0.004112939
730	2.96E-02	0.002326	0.001128	6.16E-07	0.005884	0.003602	0.004258	0.000585	0.002579	0.004616246	0.004616246
731	3.35E-02	0.002682	0.001301	6.41E-07	0.006632	0.004061	0.004864	0.000668	0.002908	0.005203816	0.005203816
732	3.83E-02	0.003099	0.001504	6.66E-07	0.007549	0.004622	0.005625	0.000773	0.003302	0.005923676	0.005923676
733	4.39E-02	0.003563	0.001729	6.89E-07	0.008615	0.005275	0.00654	0.000899	0.00375	0.006760172	0.006760172
734	5.08E-02	0.004074	0.001977	7.1E-07	0.009959	0.006099	0.00774	0.001064	0.004293	0.0078159	0.0078159
735	5.91E-02	0.004583	0.002224	7.3E-07	0.01158	0.007092	0.009259	0.001273	0.004923	0.009088094	0.009088094
736	6.91E-02	0.005038	0.002445	7.46E-07	0.013573	0.008313	0.01124	0.001545	0.005668	0.01065302	0.01065302
737	7.99E-02	0.005374	0.002608	7.61E-07	0.015728	0.009634	0.013502	0.001856	0.00646	0.012345411	0.012345411
738	9.29E-02	0.005537	0.002687	7.72E-07	0.01838	0.011259	0.016492	0.002267	0.007392	0.014427859	0.014427859
739	1.06E-01	0.005514	0.002676	7.8E-07	0.021096	0.012923	0.019747	0.002715	0.00832	0.016560752	0.016560752
740	1.20E-01	0.005304	0.002573	7.85E-07	0.024009	0.014709	0.023528	0.003235	0.009281	0.018848489	0.018848489
741	1.33E-01	0.004962	0.002408	7.86E-07	0.026669	0.016339	0.027206	0.003741	0.010127	0.02093733	0.02093733
742	1.43E-01	0.004575	0.00222	7.85E-07	0.028667	0.017563	0.030131	0.004143	0.010739	0.022506443	0.022506443
743	1.50E-01	0.00416	0.002019	7.8E-07	0.030065	0.01842	0.032265	0.004436	0.011134	0.023604078	0.023604078
744	1.53E-01	0.00375	0.00182	7.72E-07	0.030851	0.018902	0.033485	0.004604	0.011316	0.024221517	0.024221517
745	1.53E-01	0.003371	0.001636	7.62E-07	0.030858	0.018906	0.033488	0.004605	0.011236	0.024226433	0.024226433
746	1.48E-01	0.003029	0.001469	7.49E-07	0.03007	0.018423	0.032278	0.004438	0.010895	0.023608029	0.023608029
747	1.39E-01	0.002723	0.001321	7.33E-07	0.028514	0.01747	0.029993	0.004124	0.010303	0.022386527	0.022386527
748	1.28E-01	0.002444	0.001186	7.15E-07	0.026312	0.01612	0.027008	0.003714	0.0095	0.020656969	0.020656969

Franklin School Project

Unmitigated Residential - Residential Construction Health Impact Assessment

547	Receptor
0.49	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
749	1.15E-01	0.002203	0.001069	6.95E-07	0.023943	0.014669	0.023922	0.003289	0.008651	0.018796887	0.018796887
750	1.04E-01	0.001999	0.00097	6.75E-07	0.021631	0.013252	0.02106	0.002896	0.007829	0.016981587	0.016981587
751	9.25E-02	0.001816	0.000881	6.54E-07	0.019405	0.011888	0.018432	0.002534	0.007039	0.015233935	0.015233935
752	8.24E-02	0.001656	0.000803	6.32E-07	0.017369	0.01064	0.016126	0.002217	0.006317	0.013634949	0.013634949
753	7.35E-02	0.001513	0.000734	6.1E-07	0.015543	0.009521	0.014131	0.001943	0.005669	0.012201056	0.012201056
754	6.57E-02	0.001387	0.000673	5.87E-07	0.013944	0.008541	0.01244	0.00171	0.0051	0.010945406	0.010945406
755	2.47E-02	0.00182	0.000883	5.51E-07	0.00496	0.003036	0.003579	0.000492	0.002152	0.003890801	0.003890801
756	2.76E-02	0.002065	0.001002	5.74E-07	0.005517	0.003378	0.004026	0.000553	0.002396	0.004328534	0.004328534
757	3.10E-02	0.002348	0.001139	5.97E-07	0.006183	0.003785	0.00457	0.000628	0.002683	0.004850942	0.004850942
758	3.51E-02	0.002664	0.001293	6.18E-07	0.006967	0.004266	0.005229	0.000719	0.003015	0.005466745	0.005466745
759	4.00E-02	0.003017	0.001464	6.39E-07	0.007933	0.004858	0.006068	0.000834	0.00341	0.006225052	0.006225052
760	4.57E-02	0.003379	0.00164	6.58E-07	0.009046	0.005539	0.007074	0.000972	0.003853	0.007098638	0.007098638
761	5.24E-02	0.003734	0.001812	6.75E-07	0.010367	0.006349	0.008325	0.001144	0.004362	0.008136252	0.008136252
762	6.02E-02	0.004049	0.001965	6.91E-07	0.011933	0.007309	0.00989	0.00136	0.004946	0.009365992	0.009365992
763	6.86E-02	0.004285	0.002079	7.04E-07	0.013632	0.00835	0.011676	0.001605	0.005567	0.01069982	0.01069982
764	7.80E-02	0.004414	0.002142	7.14E-07	0.015541	0.00952	0.013801	0.001897	0.006243	0.012199186	0.012199186
765	8.76E-02	0.004425	0.002147	7.22E-07	0.017512	0.010727	0.016112	0.002215	0.006921	0.013746405	0.013746405
766	9.75E-02	0.004316	0.002094	7.27E-07	0.019554	0.011979	0.018668	0.002567	0.007601	0.01535061	0.01535061
767	1.07E-01	0.004111	0.001995	7.28E-07	0.02148	0.013159	0.021215	0.002917	0.00822	0.01686291	0.01686291
768	1.14E-01	0.003857	0.001871	7.28E-07	0.022937	0.014052	0.023218	0.003192	0.00867	0.018007084	0.018007084
769	1.19E-01	0.003578	0.001736	7.25E-07	0.024028	0.01472	0.024736	0.003401	0.008987	0.018863294	0.018863294
770	1.22E-01	0.003276	0.001589	7.19E-07	0.024735	0.015154	0.025779	0.003545	0.009163	0.019418528	0.019418528
771	1.23E-01	0.00299	0.001451	7.1E-07	0.024929	0.015273	0.026054	0.003582	0.009167	0.019571134	0.019571134
772	1.20E-01	0.002719	0.001319	6.99E-07	0.024535	0.015031	0.025487	0.003504	0.008973	0.019261705	0.019261705
773	1.15E-01	0.002469	0.001198	6.86E-07	0.023546	0.014425	0.024108	0.003315	0.008584	0.018485365	0.018485365
774	1.06E-01	0.002234	0.001084	6.7E-07	0.021936	0.013439	0.022	0.003025	0.007988	0.017221173	0.017221173
775	9.77E-02	0.002029	0.000984	6.53E-07	0.020306	0.01244	0.019927	0.00274	0.007393	0.01594124	0.01594124
776	8.93E-02	0.001852	0.000899	6.36E-07	0.018658	0.01143	0.017912	0.002463	0.006798	0.014646956	0.014646956
777	8.10E-02	0.001693	0.000821	6.17E-07	0.017008	0.010419	0.015975	0.002196	0.006206	0.013351366	0.013351366
778	7.33E-02	0.001551	0.000753	5.98E-07	0.015442	0.00946	0.014207	0.001953	0.005645	0.01212236	0.01212236
779	6.61E-02	0.001424	0.000691	5.79E-07	0.013995	0.008573	0.012627	0.001736	0.005127	0.010986096	0.010986096
780	5.98E-02	0.001311	0.000636	5.59E-07	0.012684	0.00777	0.011241	0.001545	0.004657	0.009956804	0.009956804
781	2.32E-02	0.001645	0.000798	5.16E-07	0.004686	0.002869	0.003404	0.000468	0.002019	0.003676287	0.003676287
782	2.58E-02	0.001845	0.000895	5.37E-07	0.005188	0.003176	0.003809	0.000524	0.002235	0.004070024	0.004070024
783	2.88E-02	0.002069	0.001004	5.57E-07	0.005773	0.003534	0.004292	0.00059	0.002483	0.004529262	0.004529262
784	3.23E-02	0.002316	0.001124	5.76E-07	0.006464	0.003958	0.004879	0.000671	0.00277	0.005071974	0.005071974
785	3.65E-02	0.002583	0.001253	5.94E-07	0.007298	0.004469	0.005611	0.000771	0.003105	0.005726927	0.005726927
786	4.13E-02	0.002851	0.001383	6.12E-07	0.008235	0.005043	0.006465	0.000889	0.003474	0.006462057	0.006462057
787	4.67E-02	0.003109	0.001508	6.27E-07	0.009319	0.005707	0.007497	0.001031	0.003888	0.007313462	0.007313462
788	5.29E-02	0.003335	0.001618	6.41E-07	0.01058	0.006479	0.008759	0.001204	0.004357	0.008303388	0.008303388
789	5.94E-02	0.00351	0.001703	6.53E-07	0.011888	0.007281	0.010124	0.001392	0.004837	0.009330955	0.009330955
790	6.63E-02	0.003615	0.001754	6.62E-07	0.013303	0.008149	0.011669	0.001604	0.005341	0.010442165	0.010442165
791	7.36E-02	0.00364	0.001766	6.7E-07	0.014799	0.009065	0.013386	0.00184	0.005859	0.011616764	0.011616764
792	8.09E-02	0.003584	0.001739	6.74E-07	0.016315	0.009994	0.015222	0.002093	0.006367	0.012807461	0.012807461

Franklin School Project

Unmitigated Residential - Residential Construction Health Impact Assessment

547	Receptor
0.49	**Max**

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
793	8.78E-02	0.003458	0.001678	6.77E-07	0.017732	0.010862	0.017024	0.002341	0.006827	0.013919419	0.013919419
794	9.29E-02	0.003295	0.001599	6.77E-07	0.018821	0.01153	0.018424	0.002533	0.007168	0.01477522	0.01477522
795	9.72E-02	0.003099	0.001504	6.75E-07	0.019736	0.012091	0.019639	0.0027	0.00744	0.015493681	0.015493681
796	9.99E-02	0.002879	0.001397	6.7E-07	0.020345	0.012464	0.020487	0.002817	0.0076	0.015971931	0.015971931
797	1.01E-01	0.002663	0.001292	6.63E-07	0.020605	0.012623	0.02084	0.002865	0.007638	0.016175794	0.016175794
798	9.95E-02	0.002446	0.001187	6.54E-07	0.020404	0.0125	0.020577	0.002829	0.007523	0.016018415	0.016018415
799	9.58E-02	0.002241	0.001087	6.43E-07	0.01974	0.012093	0.019699	0.002709	0.007254	0.015497099	0.015497099
800	8.97E-02	0.002045	0.000992	6.29E-07	0.018578	0.011381	0.018226	0.002506	0.006818	0.014584623	0.014584623
801	8.37E-02	0.00187	0.000907	6.15E-07	0.017427	0.010676	0.0168	0.00231	0.00639	0.013680693	0.013680693
802	7.78E-02	0.001721	0.000835	6E-07	0.016263	0.009962	0.015397	0.002117	0.005963	0.012766396	0.012766396
803	7.16E-02	0.001583	0.000768	5.84E-07	0.015031	0.009208	0.013965	0.00192	0.005515	0.011799092	0.011799092
804	6.56E-02	0.001458	0.000707	5.67E-07	0.013818	0.008464	0.012601	0.001732	0.005076	0.010846738	0.010846738
805	5.98E-02	0.001344	0.000652	5.5E-07	0.012651	0.007749	0.011331	0.001558	0.004655	0.009930653	0.009930653
806	5.45E-02	0.001241	0.000602	5.32E-07	0.011567	0.007085	0.010186	0.0014	0.004264	0.009079829	0.009079829

Risk From Modernization Const - Unmitigated Residential

Franklin School Project
Risk From Modernization Const - Unmitigated Residential

	7.80	Max					Onsite		
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
1	0.05	5.1E-08	2.3E-01	2.0E-03	1.0E-03	4.8E-07	1.6E-01	6.7E-01	5.1E-08
2	0.06	5.6E-08	2.5E-01	2.0E-03	1.0E-03	5.3E-07	1.6E-01	6.7E-01	5.6E-08
3	0.06	6.2E-08	2.7E-01	2.0E-03	1.0E-03	5.8E-07	1.6E-01	6.7E-01	6.1E-08
4	0.07	6.7E-08	3.0E-01	2.0E-03	1.0E-03	6.4E-07	1.6E-01	6.7E-01	6.7E-08
5	0.07	7.3E-08	3.2E-01	2.0E-03	1.0E-03	6.9E-07	1.6E-01	6.7E-01	7.2E-08
6	0.08	7.8E-08	3.5E-01	2.0E-03	1.0E-03	7.4E-07	1.6E-01	6.7E-01	7.7E-08
7	0.08	8.3E-08	3.7E-01	2.0E-03	1.0E-03	7.8E-07	1.6E-01	6.7E-01	8.2E-08
8	0.09	8.8E-08	3.9E-01	2.0E-03	1.0E-03	8.3E-07	1.6E-01	6.7E-01	8.7E-08
9	0.09	9.3E-08	4.1E-01	2.0E-03	1.0E-03	8.8E-07	1.6E-01	6.7E-01	9.2E-08
10	0.10	9.9E-08	4.4E-01	2.0E-03	1.0E-03	9.4E-07	1.6E-01	6.7E-01	9.8E-08
11	0.11	1.1E-07	4.7E-01	2.0E-03	1.0E-03	1.0E-06	1.6E-01	6.7E-01	1.1E-07
12	0.11	1.1E-07	5.0E-01	2.0E-03	1.0E-03	1.1E-06	1.6E-01	6.7E-01	1.1E-07
13	0.12	1.2E-07	5.2E-01	2.0E-03	1.0E-03	1.1E-06	1.6E-01	6.7E-01	1.2E-07
14	0.12	1.2E-07	5.4E-01	2.0E-03	1.0E-03	1.1E-06	1.6E-01	6.7E-01	1.2E-07
15	0.12	1.2E-07	5.4E-01	2.0E-03	1.0E-03	1.2E-06	1.6E-01	6.7E-01	1.2E-07
16	0.12	1.2E-07	5.3E-01	2.0E-03	1.0E-03	1.1E-06	1.6E-01	6.7E-01	1.2E-07
17	0.06	5.8E-08	2.6E-01	2.0E-03	1.0E-03	5.5E-07	1.6E-01	6.7E-01	5.8E-08
18	0.07	6.5E-08	2.9E-01	2.0E-03	1.0E-03	6.2E-07	1.6E-01	6.7E-01	6.5E-08
19	0.07	7.3E-08	3.2E-01	2.0E-03	1.0E-03	6.9E-07	1.6E-01	6.7E-01	7.2E-08
20	0.08	8.1E-08	3.6E-01	2.0E-03	1.0E-03	7.6E-07	1.6E-01	6.7E-01	8.0E-08
21	0.09	8.8E-08	3.9E-01	2.0E-03	1.0E-03	8.4E-07	1.6E-01	6.7E-01	8.8E-08
22	0.10	9.6E-08	4.3E-01	2.0E-03	1.0E-03	9.1E-07	1.6E-01	6.7E-01	9.5E-08
23	0.10	1.0E-07	4.6E-01	2.0E-03	1.0E-03	9.7E-07	1.6E-01	6.7E-01	1.0E-07
24	0.11	1.1E-07	4.9E-01	2.0E-03	1.0E-03	1.0E-06	1.6E-01	6.7E-01	1.1E-07
25	0.12	1.2E-07	5.3E-01	2.0E-03	1.0E-03	1.1E-06	1.6E-01	6.7E-01	1.2E-07
26	0.13	1.3E-07	5.7E-01	2.0E-03	1.0E-03	1.2E-06	1.6E-01	6.7E-01	1.3E-07
27	0.14	1.4E-07	6.1E-01	2.0E-03	1.0E-03	1.3E-06	1.6E-01	6.7E-01	1.4E-07
28	0.14	1.4E-07	6.5E-01	2.0E-03	1.0E-03	1.4E-06	1.6E-01	6.7E-01	1.4E-07
29	0.15	1.5E-07	6.7E-01	2.0E-03	1.0E-03	1.4E-06	1.6E-01	6.7E-01	1.5E-07
30	0.15	1.5E-07	6.8E-01	2.0E-03	1.0E-03	1.4E-06	1.6E-01	6.7E-01	1.5E-07
31	0.15	1.5E-07	6.7E-01	2.0E-03	1.0E-03	1.4E-06	1.6E-01	6.7E-01	1.5E-07
32	0.14	1.4E-07	6.5E-01	2.0E-03	1.0E-03	1.4E-06	1.6E-01	6.7E-01	1.4E-07
33	0.07	6.7E-08	3.0E-01	2.0E-03	1.0E-03	6.3E-07	1.6E-01	6.7E-01	6.7E-08
34	0.08	7.6E-08	3.4E-01	2.0E-03	1.0E-03	7.2E-07	1.6E-01	6.7E-01	7.6E-08
35	0.09	8.7E-08	3.9E-01	2.0E-03	1.0E-03	8.2E-07	1.6E-01	6.7E-01	8.6E-08
36	0.10	9.8E-08	4.4E-01	2.0E-03	1.0E-03	9.3E-07	1.6E-01	6.7E-01	9.8E-08
37	0.11	1.1E-07	4.9E-01	2.0E-03	1.0E-03	1.0E-06	1.6E-01	6.7E-01	1.1E-07
38	0.12	1.2E-07	5.4E-01	2.0E-03	1.0E-03	1.1E-06	1.6E-01	6.7E-01	1.2E-07
39	0.13	1.3E-07	5.9E-01	2.0E-03	1.0E-03	1.3E-06	1.6E-01	6.7E-01	1.3E-07
40	0.14	1.4E-07	6.4E-01	2.0E-03	1.0E-03	1.4E-06	1.6E-01	6.7E-01	1.4E-07
41	0.16	1.6E-07	6.9E-01	2.0E-03	1.0E-03	1.5E-06	1.6E-01	6.7E-01	1.5E-07
42	0.17	1.7E-07	7.6E-01	2.0E-03	1.0E-03	1.6E-06	1.6E-01	6.7E-01	1.7E-07
43	0.18	1.8E-07	8.2E-01	2.0E-03	1.0E-03	1.7E-06	1.6E-01	6.7E-01	1.8E-07

Franklin School Project
Risk From Modernization Const - Unmitigated Residential

	7.80	Max					Onsite		
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
44	0.19	1.9E-07	8.6E-01	2.0E-03	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.9E-07
45	0.20	2.0E-07	8.8E-01	2.0E-03	1.0E-03	1.9E-06	1.6E-01	6.7E-01	2.0E-07
46	0.19	1.9E-07	8.6E-01	2.0E-03	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.9E-07
47	0.19	1.9E-07	8.3E-01	2.0E-03	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.8E-07
48	0.17	1.7E-07	7.8E-01	2.0E-03	1.0E-03	1.6E-06	1.6E-01	6.7E-01	1.7E-07
49	0.08	7.7E-08	3.4E-01	2.0E-03	1.0E-03	7.3E-07	1.6E-01	6.7E-01	7.7E-08
50	0.09	9.0E-08	4.0E-01	2.0E-03	1.0E-03	8.5E-07	1.6E-01	6.7E-01	8.9E-08
51	0.10	1.0E-07	4.7E-01	2.0E-03	1.0E-03	9.9E-07	1.6E-01	6.7E-01	1.0E-07
52	0.12	1.2E-07	5.4E-01	2.0E-03	1.0E-03	1.2E-06	1.6E-01	6.7E-01	1.2E-07
53	0.14	1.4E-07	6.2E-01	2.0E-03	1.0E-03	1.3E-06	1.6E-01	6.7E-01	1.4E-07
54	0.16	1.6E-07	7.1E-01	2.0E-03	1.0E-03	1.5E-06	1.6E-01	6.7E-01	1.6E-07
55	0.18	1.8E-07	7.8E-01	2.0E-03	1.0E-03	1.7E-06	1.6E-01	6.7E-01	1.8E-07
56	0.20	2.0E-07	8.6E-01	2.0E-03	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.9E-07
57	0.22	2.2E-07	9.6E-01	2.0E-03	1.0E-03	2.0E-06	1.6E-01	6.7E-01	2.1E-07
58	0.24	2.4E-07	1.1E+00	2.0E-03	1.0E-03	2.3E-06	1.6E-01	6.7E-01	2.4E-07
59	0.26	2.6E-07	1.1E+00	2.0E-03	1.0E-03	2.4E-06	1.6E-01	6.7E-01	2.6E-07
60	0.26	2.6E-07	1.2E+00	2.0E-03	1.0E-03	2.5E-06	1.6E-01	6.7E-01	2.6E-07
61	0.26	2.6E-07	1.2E+00	2.0E-03	1.0E-03	2.5E-06	1.6E-01	6.7E-01	2.6E-07
62	0.25	2.5E-07	1.1E+00	2.0E-03	1.0E-03	2.3E-06	1.6E-01	6.7E-01	2.5E-07
63	0.23	2.3E-07	1.0E+00	2.0E-03	1.0E-03	2.2E-06	1.6E-01	6.7E-01	2.3E-07
64	0.20	2.0E-07	9.2E-01	2.0E-03	1.0E-03	1.9E-06	1.6E-01	6.7E-01	2.0E-07
65	0.09	8.9E-08	4.0E-01	2.0E-03	1.0E-03	8.4E-07	1.6E-01	6.7E-01	8.8E-08
66	0.11	1.1E-07	4.7E-01	2.0E-03	1.0E-03	1.0E-06	1.6E-01	6.7E-01	1.1E-07
67	0.13	1.3E-07	5.7E-01	2.0E-03	1.0E-03	1.2E-06	1.6E-01	6.7E-01	1.3E-07
68	0.16	1.6E-07	6.9E-01	2.0E-03	1.0E-03	1.5E-06	1.6E-01	6.7E-01	1.5E-07
69	0.19	1.9E-07	8.3E-01	2.0E-03	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.8E-07
70	0.22	2.2E-07	9.7E-01	2.0E-03	1.0E-03	2.1E-06	1.6E-01	6.7E-01	2.2E-07
71	0.25	2.5E-07	1.1E+00	2.0E-03	1.0E-03	2.4E-06	1.6E-01	6.7E-01	2.5E-07
72	0.29	2.9E-07	1.3E+00	2.0E-03	1.0E-03	2.7E-06	1.6E-01	6.7E-01	2.8E-07
73	0.32	3.2E-07	1.4E+00	2.0E-03	1.0E-03	3.0E-06	1.6E-01	6.7E-01	3.2E-07
74	0.36	3.6E-07	1.6E+00	2.0E-03	1.0E-03	3.4E-06	1.6E-01	6.7E-01	3.6E-07
75	0.37	3.7E-07	1.7E+00	2.0E-03	1.0E-03	3.5E-06	1.6E-01	6.7E-01	3.7E-07
76	0.36	3.6E-07	1.6E+00	2.0E-03	1.0E-03	3.5E-06	1.6E-01	6.7E-01	3.6E-07
77	0.34	3.4E-07	1.5E+00	2.0E-03	1.0E-03	3.2E-06	1.6E-01	6.7E-01	3.4E-07
78	0.31	3.1E-07	1.4E+00	2.0E-03	1.0E-03	2.9E-06	1.6E-01	6.7E-01	3.1E-07
79	0.27	2.7E-07	1.2E+00	2.0E-03	1.0E-03	2.6E-06	1.6E-01	6.7E-01	2.7E-07
80	0.24	2.4E-07	1.1E+00	2.0E-03	1.0E-03	2.2E-06	1.6E-01	6.7E-01	2.3E-07
81	0.10	1.0E-07	4.5E-01	2.0E-03	1.0E-03	9.6E-07	1.6E-01	6.7E-01	1.0E-07
82	0.13	1.3E-07	5.6E-01	2.0E-03	1.0E-03	1.2E-06	1.6E-01	6.7E-01	1.2E-07
83	0.16	1.6E-07	7.0E-01	2.0E-03	1.0E-03	1.5E-06	1.6E-01	6.7E-01	1.6E-07
84	0.20	2.0E-07	8.9E-01	2.0E-03	1.0E-03	1.9E-06	1.6E-01	6.7E-01	2.0E-07
85	0.25	2.5E-07	1.1E+00	2.0E-03	1.0E-03	2.4E-06	1.6E-01	6.7E-01	2.5E-07
86	0.32	3.2E-07	1.4E+00	2.0E-03	1.0E-03	3.0E-06	1.6E-01	6.7E-01	3.2E-07

Franklin School Project
Risk From Modernization Const - Unmitigated Residential

	7.80	Max					Onsite		
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
87	0.38	3.8E-07	1.7E+00	2.0E-03	1.0E-03	3.6E-06	1.6E-01	6.7E-01	3.8E-07
88	0.45	4.5E-07	2.0E+00	2.0E-03	1.0E-03	4.3E-06	1.6E-01	6.7E-01	4.5E-07
89	0.53	5.3E-07	2.3E+00	2.0E-03	1.0E-03	5.0E-06	1.6E-01	6.7E-01	5.2E-07
90	0.56	5.6E-07	2.5E+00	2.0E-03	1.0E-03	5.4E-06	1.6E-01	6.7E-01	5.6E-07
91	0.55	5.5E-07	2.5E+00	2.0E-03	1.0E-03	5.2E-06	1.6E-01	6.7E-01	5.5E-07
92	0.50	5.0E-07	2.2E+00	2.0E-03	1.0E-03	4.8E-06	1.6E-01	6.7E-01	5.0E-07
93	0.44	4.4E-07	2.0E+00	2.0E-03	1.0E-03	4.2E-06	1.6E-01	6.7E-01	4.4E-07
94	0.37	3.7E-07	1.7E+00	2.0E-03	1.0E-03	3.5E-06	1.6E-01	6.7E-01	3.7E-07
95	0.31	3.1E-07	1.4E+00	2.0E-03	1.0E-03	3.0E-06	1.6E-01	6.7E-01	3.1E-07
96	0.26	2.6E-07	1.2E+00	2.0E-03	1.0E-03	2.5E-06	1.6E-01	6.7E-01	2.6E-07
97	0.11	1.1E-07	5.1E-01	2.0E-03	1.0E-03	1.1E-06	1.6E-01	6.7E-01	1.1E-07
98	0.15	1.5E-07	6.5E-01	2.0E-03	1.0E-03	1.4E-06	1.6E-01	6.7E-01	1.5E-07
99	0.19	1.9E-07	8.6E-01	2.0E-03	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.9E-07
100	0.26	2.6E-07	1.2E+00	2.0E-03	1.0E-03	2.5E-06	1.6E-01	6.7E-01	2.6E-07
101	0.36	3.6E-07	1.6E+00	2.0E-03	1.0E-03	3.4E-06	1.6E-01	6.7E-01	3.6E-07
102	0.51	5.1E-07	2.2E+00	2.0E-03	1.0E-03	4.8E-06	1.6E-01	6.7E-01	5.0E-07
103	0.67	6.7E-07	3.0E+00	2.0E-03	1.0E-03	6.3E-06	1.6E-01	6.7E-01	6.6E-07
104	0.85	8.5E-07	3.8E+00	2.0E-03	1.0E-03	8.0E-06	1.6E-01	6.7E-01	8.4E-07
105	0.98	9.8E-07	4.4E+00	2.0E-03	1.0E-03	9.3E-06	1.6E-01	6.7E-01	9.8E-07
106	0.94	9.4E-07	4.2E+00	2.0E-03	1.0E-03	8.9E-06	1.6E-01	6.7E-01	9.4E-07
107	0.81	8.1E-07	3.6E+00	2.0E-03	1.0E-03	7.7E-06	1.6E-01	6.7E-01	8.1E-07
108	0.66	6.6E-07	3.0E+00	2.0E-03	1.0E-03	6.3E-06	1.6E-01	6.7E-01	6.6E-07
109	0.53	5.3E-07	2.4E+00	2.0E-03	1.0E-03	5.1E-06	1.6E-01	6.7E-01	5.3E-07
110	0.42	4.2E-07	1.9E+00	2.0E-03	1.0E-03	4.0E-06	1.6E-01	6.7E-01	4.2E-07
111	0.34	3.4E-07	1.5E+00	2.0E-03	1.0E-03	3.2E-06	1.6E-01	6.7E-01	3.4E-07
112	0.27	2.7E-07	1.2E+00	2.0E-03	1.0E-03	2.6E-06	1.6E-01	6.7E-01	2.7E-07
113	0.13	1.3E-07	5.6E-01	2.0E-03	1.0E-03	1.2E-06	1.6E-01	6.7E-01	1.3E-07
114	0.17	1.7E-07	7.5E-01	2.0E-03	1.0E-03	1.6E-06	1.6E-01	6.7E-01	1.7E-07
115	0.23	2.3E-07	1.0E+00	2.0E-03	1.0E-03	2.2E-06	1.6E-01	6.7E-01	2.3E-07
116	0.34	3.4E-07	1.5E+00	2.0E-03	1.0E-03	3.2E-06	1.6E-01	6.7E-01	3.4E-07
117	0.53	5.3E-07	2.4E+00	2.0E-03	1.0E-03	5.0E-06	1.6E-01	6.7E-01	5.3E-07
118	1.53	1.5E-06	6.8E+00	2.0E-03	1.0E-03	1.5E-05	1.6E-01	6.7E-01	1.5E-06
119	1.11	1.1E-06	5.0E+00	2.0E-03	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.1E-06
120	0.81	8.1E-07	3.6E+00	2.0E-03	1.0E-03	7.7E-06	1.6E-01	6.7E-01	8.1E-07
121	0.60	6.0E-07	2.7E+00	2.0E-03	1.0E-03	5.7E-06	1.6E-01	6.7E-01	6.0E-07
122	0.45	4.5E-07	2.0E+00	2.0E-03	1.0E-03	4.3E-06	1.6E-01	6.7E-01	4.5E-07
123	0.35	3.5E-07	1.5E+00	2.0E-03	1.0E-03	3.3E-06	1.6E-01	6.7E-01	3.5E-07
124	0.27	2.7E-07	1.2E+00	2.0E-03	1.0E-03	2.6E-06	1.6E-01	6.7E-01	2.7E-07
125	0.14	1.4E-07	6.1E-01	2.0E-03	1.0E-03	1.3E-06	1.6E-01	6.7E-01	1.4E-07
126	0.18	1.8E-07	8.2E-01	2.0E-03	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.8E-07
127	0.27	2.7E-07	1.2E+00	2.0E-03	1.0E-03	2.5E-06	1.6E-01	6.7E-01	2.6E-07
128	0.42	4.2E-07	1.9E+00	2.0E-03	1.0E-03	4.0E-06	1.6E-01	6.7E-01	4.1E-07
129	0.72	7.2E-07	3.2E+00	2.0E-03	1.0E-03	6.9E-06	1.6E-01	6.7E-01	7.2E-07

Franklin School Project
Risk From Modernization Const - Unmitigated Residential

	7.80	Max							
						Onsite			
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
130	2.16	2.2E-06	9.6E+00	2.0E-03	1.0E-03	2.1E-05	1.6E-01	6.7E-01	2.2E-06
131	1.33	1.3E-06	5.9E+00	2.0E-03	1.0E-03	1.3E-05	1.6E-01	6.7E-01	1.3E-06
132	0.87	8.7E-07	3.9E+00	2.0E-03	1.0E-03	8.2E-06	1.6E-01	6.7E-01	8.7E-07
133	0.61	6.1E-07	2.7E+00	2.0E-03	1.0E-03	5.8E-06	1.6E-01	6.7E-01	6.1E-07
134	0.44	4.4E-07	2.0E+00	2.0E-03	1.0E-03	4.2E-06	1.6E-01	6.7E-01	4.4E-07
135	0.33	3.3E-07	1.5E+00	2.0E-03	1.0E-03	3.2E-06	1.6E-01	6.7E-01	3.3E-07
136	0.26	2.6E-07	1.1E+00	2.0E-03	1.0E-03	2.4E-06	1.6E-01	6.7E-01	2.6E-07
137	0.14	1.4E-07	6.3E-01	2.0E-03	1.0E-03	1.3E-06	1.6E-01	6.7E-01	1.4E-07
138	0.19	1.9E-07	8.6E-01	2.0E-03	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.9E-07
139	0.28	2.8E-07	1.3E+00	2.0E-03	1.0E-03	2.7E-06	1.6E-01	6.7E-01	2.8E-07
140	0.46	4.6E-07	2.0E+00	2.0E-03	1.0E-03	4.4E-06	1.6E-01	6.7E-01	4.6E-07
141	0.83	8.3E-07	3.7E+00	2.0E-03	1.0E-03	7.9E-06	1.6E-01	6.7E-01	8.3E-07
142	2.31	2.3E-06	1.0E+01	2.0E-03	1.0E-03	2.2E-05	1.6E-01	6.7E-01	2.3E-06
143	1.29	1.3E-06	5.8E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.3E-06
144	0.81	8.1E-07	3.6E+00	2.0E-03	1.0E-03	7.7E-06	1.6E-01	6.7E-01	8.1E-07
145	0.56	5.6E-07	2.5E+00	2.0E-03	1.0E-03	5.4E-06	1.6E-01	6.7E-01	5.6E-07
146	0.40	4.0E-07	1.8E+00	2.0E-03	1.0E-03	3.8E-06	1.6E-01	6.7E-01	4.0E-07
147	0.30	3.0E-07	1.3E+00	2.0E-03	1.0E-03	2.8E-06	1.6E-01	6.7E-01	3.0E-07
148	0.23	2.3E-07	1.0E+00	2.0E-03	1.0E-03	2.2E-06	1.6E-01	6.7E-01	2.3E-07
149	0.14	1.4E-07	6.2E-01	2.0E-03	1.0E-03	1.3E-06	1.6E-01	6.7E-01	1.4E-07
150	0.19	1.9E-07	8.4E-01	2.0E-03	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.9E-07
151	0.28	2.8E-07	1.2E+00	2.0E-03	1.0E-03	2.6E-06	1.6E-01	6.7E-01	2.8E-07
152	0.44	4.4E-07	2.0E+00	2.0E-03	1.0E-03	4.2E-06	1.6E-01	6.7E-01	4.4E-07
153	0.80	8.0E-07	3.6E+00	2.0E-03	1.0E-03	7.6E-06	1.6E-01	6.7E-01	8.0E-07
154	2.09	2.1E-06	9.4E+00	2.0E-03	1.0E-03	2.0E-05	1.6E-01	6.7E-01	2.1E-06
155	1.09	1.1E-06	4.9E+00	2.0E-03	1.0E-03	1.0E-05	1.6E-01	6.7E-01	1.1E-06
156	0.67	6.7E-07	3.0E+00	2.0E-03	1.0E-03	6.3E-06	1.6E-01	6.7E-01	6.7E-07
157	0.48	4.8E-07	2.1E+00	2.0E-03	1.0E-03	4.5E-06	1.6E-01	6.7E-01	4.8E-07
158	0.34	3.4E-07	1.5E+00	2.0E-03	1.0E-03	3.3E-06	1.6E-01	6.7E-01	3.4E-07
159	0.26	2.6E-07	1.2E+00	2.0E-03	1.0E-03	2.5E-06	1.6E-01	6.7E-01	2.6E-07
160	0.20	2.0E-07	9.1E-01	2.0E-03	1.0E-03	1.9E-06	1.6E-01	6.7E-01	2.0E-07
161	0.13	1.3E-07	5.9E-01	2.0E-03	1.0E-03	1.3E-06	1.6E-01	6.7E-01	1.3E-07
162	0.18	1.8E-07	7.9E-01	2.0E-03	1.0E-03	1.7E-06	1.6E-01	6.7E-01	1.8E-07
163	0.25	2.5E-07	1.1E+00	2.0E-03	1.0E-03	2.4E-06	1.6E-01	6.7E-01	2.5E-07
164	0.38	3.8E-07	1.7E+00	2.0E-03	1.0E-03	3.6E-06	1.6E-01	6.7E-01	3.8E-07
165	0.66	6.6E-07	3.0E+00	2.0E-03	1.0E-03	6.3E-06	1.6E-01	6.7E-01	6.6E-07
166	1.36	1.4E-06	6.1E+00	2.0E-03	1.0E-03	1.3E-05	1.6E-01	6.7E-01	1.4E-06
167	3.44	3.4E-06	1.5E+01	2.0E-03	1.0E-03	3.3E-05	1.6E-01	6.7E-01	3.4E-06
168	5.22	5.2E-06	2.3E+01	2.0E-03	1.0E-03	5.0E-05	1.6E-01	6.7E-01	5.2E-06
169	2.75	2.7E-06	1.2E+01	2.0E-03	1.0E-03	2.6E-05	1.6E-01	6.7E-01	2.7E-06
170	1.43	1.4E-06	6.4E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.4E-06
171	0.85	8.5E-07	3.8E+00	2.0E-03	1.0E-03	8.1E-06	1.6E-01	6.7E-01	8.5E-07
172	0.52	5.2E-07	2.3E+00	2.0E-03	1.0E-03	5.0E-06	1.6E-01	6.7E-01	5.2E-07

Franklin School Project
Risk From Modernization Const - Unmitigated Residential

	7.80	Max							
						Onsite			
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
173	0.37	3.7E-07	1.7E+00	2.0E-03	1.0E-03	3.5E-06	1.6E-01	6.7E-01	3.7E-07
174	0.29	2.9E-07	1.3E+00	2.0E-03	1.0E-03	2.8E-06	1.6E-01	6.7E-01	2.9E-07
175	0.22	2.2E-07	1.0E+00	2.0E-03	1.0E-03	2.1E-06	1.6E-01	6.7E-01	2.2E-07
176	0.18	1.8E-07	7.9E-01	2.0E-03	1.0E-03	1.7E-06	1.6E-01	6.7E-01	1.8E-07
177	0.12	1.2E-07	5.4E-01	2.0E-03	1.0E-03	1.2E-06	1.6E-01	6.7E-01	1.2E-07
178	0.16	1.6E-07	7.1E-01	2.0E-03	1.0E-03	1.5E-06	1.6E-01	6.7E-01	1.6E-07
179	0.22	2.2E-07	9.6E-01	2.0E-03	1.0E-03	2.0E-06	1.6E-01	6.7E-01	2.2E-07
180	0.31	3.1E-07	1.4E+00	2.0E-03	1.0E-03	3.0E-06	1.6E-01	6.7E-01	3.1E-07
181	0.49	4.9E-07	2.2E+00	2.0E-03	1.0E-03	4.7E-06	1.6E-01	6.7E-01	4.9E-07
182	0.82	8.2E-07	3.7E+00	2.0E-03	1.0E-03	7.8E-06	1.6E-01	6.7E-01	8.2E-07
183	1.34	1.3E-06	6.0E+00	2.0E-03	1.0E-03	1.3E-05	1.6E-01	6.7E-01	1.3E-06
184	1.68	1.7E-06	7.5E+00	2.0E-03	1.0E-03	1.6E-05	1.6E-01	6.7E-01	1.7E-06
185	1.40	1.4E-06	6.3E+00	2.0E-03	1.0E-03	1.3E-05	1.6E-01	6.7E-01	1.4E-06
186	0.95	9.5E-07	4.2E+00	2.0E-03	1.0E-03	9.0E-06	1.6E-01	6.7E-01	9.5E-07
187	0.64	6.4E-07	2.9E+00	2.0E-03	1.0E-03	6.1E-06	1.6E-01	6.7E-01	6.4E-07
188	0.45	4.5E-07	2.0E+00	2.0E-03	1.0E-03	4.3E-06	1.6E-01	6.7E-01	4.5E-07
189	0.31	3.1E-07	1.4E+00	2.0E-03	1.0E-03	2.9E-06	1.6E-01	6.7E-01	3.1E-07
190	0.25	2.5E-07	1.1E+00	2.0E-03	1.0E-03	2.3E-06	1.6E-01	6.7E-01	2.5E-07
191	0.20	2.0E-07	8.7E-01	2.0E-03	1.0E-03	1.9E-06	1.6E-01	6.7E-01	2.0E-07
192	0.16	1.6E-07	7.0E-01	2.0E-03	1.0E-03	1.5E-06	1.6E-01	6.7E-01	1.6E-07
193	0.11	1.1E-07	4.9E-01	2.0E-03	1.0E-03	1.0E-06	1.6E-01	6.7E-01	1.1E-07
194	0.14	1.4E-07	6.2E-01	2.0E-03	1.0E-03	1.3E-06	1.6E-01	6.7E-01	1.4E-07
195	0.18	1.8E-07	8.2E-01	2.0E-03	1.0E-03	1.7E-06	1.6E-01	6.7E-01	1.8E-07
196	0.25	2.5E-07	1.1E+00	2.0E-03	1.0E-03	2.4E-06	1.6E-01	6.7E-01	2.5E-07
197	0.36	3.6E-07	1.6E+00	2.0E-03	1.0E-03	3.4E-06	1.6E-01	6.7E-01	3.6E-07
198	0.52	5.2E-07	2.3E+00	2.0E-03	1.0E-03	4.9E-06	1.6E-01	6.7E-01	5.2E-07
199	0.71	7.1E-07	3.2E+00	2.0E-03	1.0E-03	6.8E-06	1.6E-01	6.7E-01	7.1E-07
200	0.84	8.4E-07	3.8E+00	2.0E-03	1.0E-03	8.0E-06	1.6E-01	6.7E-01	8.4E-07
201	0.80	8.0E-07	3.6E+00	2.0E-03	1.0E-03	7.6E-06	1.6E-01	6.7E-01	8.0E-07
202	0.63	6.3E-07	2.8E+00	2.0E-03	1.0E-03	6.0E-06	1.6E-01	6.7E-01	6.3E-07
203	0.46	4.6E-07	2.1E+00	2.0E-03	1.0E-03	4.4E-06	1.6E-01	6.7E-01	4.6E-07
204	0.35	3.5E-07	1.6E+00	2.0E-03	1.0E-03	3.3E-06	1.6E-01	6.7E-01	3.5E-07
205	0.27	2.7E-07	1.2E+00	2.0E-03	1.0E-03	2.5E-06	1.6E-01	6.7E-01	2.7E-07
206	0.20	2.0E-07	9.0E-01	2.0E-03	1.0E-03	1.9E-06	1.6E-01	6.7E-01	2.0E-07
207	0.17	1.7E-07	7.7E-01	2.0E-03	1.0E-03	1.6E-06	1.6E-01	6.7E-01	1.7E-07
208	0.14	1.4E-07	6.3E-01	2.0E-03	1.0E-03	1.3E-06	1.6E-01	6.7E-01	1.4E-07
209	0.10	9.8E-08	4.4E-01	2.0E-03	1.0E-03	9.3E-07	1.6E-01	6.7E-01	9.8E-08
210	0.12	1.2E-07	5.4E-01	2.0E-03	1.0E-03	1.2E-06	1.6E-01	6.7E-01	1.2E-07
211	0.15	1.5E-07	6.9E-01	2.0E-03	1.0E-03	1.5E-06	1.6E-01	6.7E-01	1.5E-07
212	0.20	2.0E-07	9.0E-01	2.0E-03	1.0E-03	1.9E-06	1.6E-01	6.7E-01	2.0E-07
213	0.27	2.7E-07	1.2E+00	2.0E-03	1.0E-03	2.5E-06	1.6E-01	6.7E-01	2.7E-07
214	0.36	3.6E-07	1.6E+00	2.0E-03	1.0E-03	3.4E-06	1.6E-01	6.7E-01	3.6E-07
215	0.45	4.5E-07	2.0E+00	2.0E-03	1.0E-03	4.3E-06	1.6E-01	6.7E-01	4.5E-07

Franklin School Project
Risk From Modernization Const - Unmitigated Residential

	7.80	Max					Onsite		
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
216	0.51	5.1E-07	2.3E+00	2.0E-03	1.0E-03	4.8E-06	1.6E-01	6.7E-01	5.1E-07
217	0.51	5.1E-07	2.3E+00	2.0E-03	1.0E-03	4.8E-06	1.6E-01	6.7E-01	5.0E-07
218	0.44	4.4E-07	2.0E+00	2.0E-03	1.0E-03	4.2E-06	1.6E-01	6.7E-01	4.4E-07
219	0.37	3.7E-07	1.7E+00	2.0E-03	1.0E-03	3.5E-06	1.6E-01	6.7E-01	3.7E-07
220	0.30	3.0E-07	1.4E+00	2.0E-03	1.0E-03	2.9E-06	1.6E-01	6.7E-01	3.0E-07
221	0.24	2.4E-07	1.1E+00	2.0E-03	1.0E-03	2.3E-06	1.6E-01	6.7E-01	2.4E-07
222	0.18	1.8E-07	8.0E-01	2.0E-03	1.0E-03	1.7E-06	1.6E-01	6.7E-01	1.8E-07
223	0.14	1.4E-07	6.5E-01	2.0E-03	1.0E-03	1.4E-06	1.6E-01	6.7E-01	1.4E-07
224	0.13	1.3E-07	5.7E-01	2.0E-03	1.0E-03	1.2E-06	1.6E-01	6.7E-01	1.3E-07
225	0.09	8.7E-08	3.9E-01	2.0E-03	1.0E-03	8.2E-07	1.6E-01	6.7E-01	8.7E-08
226	0.11	1.1E-07	4.7E-01	2.0E-03	1.0E-03	1.0E-06	1.6E-01	6.7E-01	1.0E-07
227	0.13	1.3E-07	5.8E-01	2.0E-03	1.0E-03	1.2E-06	1.6E-01	6.7E-01	1.3E-07
228	0.16	1.6E-07	7.3E-01	2.0E-03	1.0E-03	1.5E-06	1.6E-01	6.7E-01	1.6E-07
229	0.21	2.1E-07	9.2E-01	2.0E-03	1.0E-03	2.0E-06	1.6E-01	6.7E-01	2.1E-07
230	0.26	2.6E-07	1.2E+00	2.0E-03	1.0E-03	2.4E-06	1.6E-01	6.7E-01	2.6E-07
231	0.31	3.1E-07	1.4E+00	2.0E-03	1.0E-03	2.9E-06	1.6E-01	6.7E-01	3.1E-07
232	0.34	3.4E-07	1.5E+00	2.0E-03	1.0E-03	3.3E-06	1.6E-01	6.7E-01	3.4E-07
233	0.35	3.5E-07	1.6E+00	2.0E-03	1.0E-03	3.3E-06	1.6E-01	6.7E-01	3.5E-07
234	0.33	3.3E-07	1.5E+00	2.0E-03	1.0E-03	3.1E-06	1.6E-01	6.7E-01	3.3E-07
235	0.29	2.9E-07	1.3E+00	2.0E-03	1.0E-03	2.8E-06	1.6E-01	6.7E-01	2.9E-07
236	0.25	2.5E-07	1.1E+00	2.0E-03	1.0E-03	2.4E-06	1.6E-01	6.7E-01	2.5E-07
237	0.21	2.1E-07	9.2E-01	2.0E-03	1.0E-03	2.0E-06	1.6E-01	6.7E-01	2.1E-07
238	0.17	1.7E-07	7.6E-01	2.0E-03	1.0E-03	1.6E-06	1.6E-01	6.7E-01	1.7E-07
239	0.13	1.3E-07	5.8E-01	2.0E-03	1.0E-03	1.2E-06	1.6E-01	6.7E-01	1.3E-07
240	0.11	1.1E-07	4.9E-01	2.0E-03	1.0E-03	1.0E-06	1.6E-01	6.7E-01	1.1E-07
241	0.08	7.6E-08	3.4E-01	2.0E-03	1.0E-03	7.2E-07	1.6E-01	6.7E-01	7.6E-08
242	0.09	9.0E-08	4.0E-01	2.0E-03	1.0E-03	8.6E-07	1.6E-01	6.7E-01	9.0E-08
243	0.11	1.1E-07	4.9E-01	2.0E-03	1.0E-03	1.0E-06	1.6E-01	6.7E-01	1.1E-07
244	0.13	1.3E-07	5.9E-01	2.0E-03	1.0E-03	1.3E-06	1.6E-01	6.7E-01	1.3E-07
245	0.16	1.6E-07	7.2E-01	2.0E-03	1.0E-03	1.5E-06	1.6E-01	6.7E-01	1.6E-07
246	0.19	1.9E-07	8.7E-01	2.0E-03	1.0E-03	1.9E-06	1.6E-01	6.7E-01	1.9E-07
247	0.23	2.3E-07	1.0E+00	2.0E-03	1.0E-03	2.1E-06	1.6E-01	6.7E-01	2.3E-07
248	0.25	2.5E-07	1.1E+00	2.0E-03	1.0E-03	2.4E-06	1.6E-01	6.7E-01	2.5E-07
249	0.26	2.6E-07	1.1E+00	2.0E-03	1.0E-03	2.4E-06	1.6E-01	6.7E-01	2.6E-07
250	0.25	2.5E-07	1.1E+00	2.0E-03	1.0E-03	2.4E-06	1.6E-01	6.7E-01	2.5E-07
251	0.23	2.3E-07	1.0E+00	2.0E-03	1.0E-03	2.2E-06	1.6E-01	6.7E-01	2.3E-07
252	0.20	2.0E-07	9.0E-01	2.0E-03	1.0E-03	1.9E-06	1.6E-01	6.7E-01	2.0E-07
253	0.18	1.8E-07	7.8E-01	2.0E-03	1.0E-03	1.7E-06	1.6E-01	6.7E-01	1.8E-07
254	0.15	1.5E-07	6.7E-01	2.0E-03	1.0E-03	1.4E-06	1.6E-01	6.7E-01	1.5E-07
255	0.12	1.2E-07	5.6E-01	2.0E-03	1.0E-03	1.2E-06	1.6E-01	6.7E-01	1.2E-07
256	0.10	9.9E-08	4.4E-01	2.0E-03	1.0E-03	9.4E-07	1.6E-01	6.7E-01	9.9E-08
257	0.07	6.7E-08	3.0E-01	2.0E-03	1.0E-03	6.4E-07	1.6E-01	6.7E-01	6.7E-08
258	0.08	7.8E-08	3.5E-01	2.0E-03	1.0E-03	7.4E-07	1.6E-01	6.7E-01	7.8E-08

Franklin School Project
Risk From Modernization Const - Unmitigated Residential

	7.80	Max							
						Onsite			
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
259	0.09	9.3E-08	4.1E-01	2.0E-03	1.0E-03	8.8E-07	1.6E-01	6.7E-01	9.3E-08
260	0.11	1.1E-07	4.9E-01	2.0E-03	1.0E-03	1.0E-06	1.6E-01	6.7E-01	1.1E-07
261	0.13	1.3E-07	5.8E-01	2.0E-03	1.0E-03	1.2E-06	1.6E-01	6.7E-01	1.3E-07
262	0.15	1.5E-07	6.8E-01	2.0E-03	1.0E-03	1.5E-06	1.6E-01	6.7E-01	1.5E-07
263	0.17	1.7E-07	7.7E-01	2.0E-03	1.0E-03	1.6E-06	1.6E-01	6.7E-01	1.7E-07
264	0.19	1.9E-07	8.4E-01	2.0E-03	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.9E-07
265	0.19	1.9E-07	8.7E-01	2.0E-03	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.9E-07
266	0.19	1.9E-07	8.6E-01	2.0E-03	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.9E-07
267	0.18	1.8E-07	8.1E-01	2.0E-03	1.0E-03	1.7E-06	1.6E-01	6.7E-01	1.8E-07
268	0.17	1.7E-07	7.4E-01	2.0E-03	1.0E-03	1.6E-06	1.6E-01	6.7E-01	1.7E-07
269	0.15	1.5E-07	6.6E-01	2.0E-03	1.0E-03	1.4E-06	1.6E-01	6.7E-01	1.5E-07
270	0.13	1.3E-07	5.8E-01	2.0E-03	1.0E-03	1.2E-06	1.6E-01	6.7E-01	1.3E-07
271	0.11	1.1E-07	5.0E-01	2.0E-03	1.0E-03	1.1E-06	1.6E-01	6.7E-01	1.1E-07
272	0.09	9.1E-08	4.1E-01	2.0E-03	1.0E-03	8.7E-07	1.6E-01	6.7E-01	9.1E-08
273	0.51	5.1E-07	2.2E+00	2.0E-03	1.0E-03	4.8E-06	1.6E-01	6.7E-01	5.0E-07
274	0.54	5.4E-07	2.4E+00	2.0E-03	1.0E-03	5.1E-06	1.6E-01	6.7E-01	5.3E-07
275	0.57	5.7E-07	2.5E+00	2.0E-03	1.0E-03	5.4E-06	1.6E-01	6.7E-01	5.6E-07
276	0.60	6.0E-07	2.7E+00	2.0E-03	1.0E-03	5.7E-06	1.6E-01	6.7E-01	6.0E-07
277	0.64	6.4E-07	2.8E+00	2.0E-03	1.0E-03	6.0E-06	1.6E-01	6.7E-01	6.3E-07
278	0.67	6.7E-07	3.0E+00	2.0E-03	1.0E-03	6.3E-06	1.6E-01	6.7E-01	6.6E-07
279	0.70	7.0E-07	3.1E+00	2.0E-03	1.0E-03	6.6E-06	1.6E-01	6.7E-01	7.0E-07
280	0.74	7.4E-07	3.3E+00	2.0E-03	1.0E-03	6.9E-06	1.6E-01	6.7E-01	7.3E-07
281	0.78	7.8E-07	3.4E+00	2.0E-03	1.0E-03	7.3E-06	1.6E-01	6.7E-01	7.6E-07
282	0.81	8.1E-07	3.6E+00	2.0E-03	1.0E-03	7.6E-06	1.6E-01	6.7E-01	8.0E-07
283	0.85	8.5E-07	3.8E+00	2.0E-03	1.0E-03	8.0E-06	1.6E-01	6.7E-01	8.4E-07
284	0.88	8.8E-07	3.9E+00	2.0E-03	1.0E-03	8.3E-06	1.6E-01	6.7E-01	8.8E-07
285	0.92	9.2E-07	4.1E+00	2.0E-03	1.0E-03	8.7E-06	1.6E-01	6.7E-01	9.1E-07
286	0.94	9.4E-07	4.2E+00	2.0E-03	1.0E-03	8.9E-06	1.6E-01	6.7E-01	9.4E-07
287	0.96	9.6E-07	4.3E+00	2.0E-03	1.0E-03	9.1E-06	1.6E-01	6.7E-01	9.6E-07
288	0.98	9.8E-07	4.4E+00	2.0E-03	1.0E-03	9.3E-06	1.6E-01	6.7E-01	9.8E-07
289	0.98	9.8E-07	4.4E+00	2.0E-03	1.0E-03	9.3E-06	1.6E-01	6.7E-01	9.8E-07
290	0.98	9.8E-07	4.4E+00	2.0E-03	1.0E-03	9.3E-06	1.6E-01	6.7E-01	9.8E-07
291	0.97	9.7E-07	4.3E+00	2.0E-03	1.0E-03	9.2E-06	1.6E-01	6.7E-01	9.7E-07
292	0.96	9.6E-07	4.3E+00	2.0E-03	1.0E-03	9.1E-06	1.6E-01	6.7E-01	9.6E-07
293	0.94	9.4E-07	4.2E+00	2.0E-03	1.0E-03	8.9E-06	1.6E-01	6.7E-01	9.4E-07
294	0.92	9.2E-07	4.1E+00	2.0E-03	1.0E-03	8.7E-06	1.6E-01	6.7E-01	9.1E-07
295	0.89	8.9E-07	4.0E+00	2.0E-03	1.0E-03	8.5E-06	1.6E-01	6.7E-01	8.9E-07
296	0.87	8.7E-07	3.9E+00	2.0E-03	1.0E-03	8.2E-06	1.6E-01	6.7E-01	8.6E-07
297	0.84	8.4E-07	3.7E+00	2.0E-03	1.0E-03	8.0E-06	1.6E-01	6.7E-01	8.4E-07
298	0.81	8.1E-07	3.6E+00	2.0E-03	1.0E-03	7.7E-06	1.6E-01	6.7E-01	8.1E-07
299	0.56	5.6E-07	2.5E+00	2.0E-03	1.0E-03	5.3E-06	1.6E-01	6.7E-01	5.6E-07
300	0.60	6.0E-07	2.7E+00	2.0E-03	1.0E-03	5.7E-06	1.6E-01	6.7E-01	5.9E-07
301	0.64	6.4E-07	2.8E+00	2.0E-03	1.0E-03	6.0E-06	1.6E-01	6.7E-01	6.3E-07

Franklin School Project
Risk From Modernization Const - Unmitigated Residential

	7.80	Max							
						Onsite			
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
302	0.68	6.8E-07	3.0E+00	2.0E-03	1.0E-03	6.4E-06	1.6E-01	6.7E-01	6.7E-07
303	0.72	7.2E-07	3.2E+00	2.0E-03	1.0E-03	6.8E-06	1.6E-01	6.7E-01	7.2E-07
304	0.76	7.6E-07	3.4E+00	2.0E-03	1.0E-03	7.2E-06	1.6E-01	6.7E-01	7.6E-07
305	0.81	8.1E-07	3.6E+00	2.0E-03	1.0E-03	7.6E-06	1.6E-01	6.7E-01	8.0E-07
306	0.85	8.5E-07	3.8E+00	2.0E-03	1.0E-03	8.0E-06	1.6E-01	6.7E-01	8.4E-07
307	0.90	9.0E-07	4.0E+00	2.0E-03	1.0E-03	8.4E-06	1.6E-01	6.7E-01	8.9E-07
308	0.94	9.4E-07	4.2E+00	2.0E-03	1.0E-03	8.9E-06	1.6E-01	6.7E-01	9.3E-07
309	0.99	9.9E-07	4.4E+00	2.0E-03	1.0E-03	9.3E-06	1.6E-01	6.7E-01	9.8E-07
310	1.03	1.0E-06	4.6E+00	2.0E-03	1.0E-03	9.7E-06	1.6E-01	6.7E-01	1.0E-06
311	1.07	1.1E-06	4.8E+00	2.0E-03	1.0E-03	1.0E-05	1.6E-01	6.7E-01	1.1E-06
312	1.10	1.1E-06	4.9E+00	2.0E-03	1.0E-03	1.0E-05	1.6E-01	6.7E-01	1.1E-06
313	1.12	1.1E-06	5.0E+00	2.0E-03	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.1E-06
314	1.13	1.1E-06	5.0E+00	2.0E-03	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.1E-06
315	1.12	1.1E-06	5.0E+00	2.0E-03	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.1E-06
316	1.11	1.1E-06	5.0E+00	2.0E-03	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.1E-06
317	1.10	1.1E-06	4.9E+00	2.0E-03	1.0E-03	1.0E-05	1.6E-01	6.7E-01	1.1E-06
318	1.07	1.1E-06	4.8E+00	2.0E-03	1.0E-03	1.0E-05	1.6E-01	6.7E-01	1.1E-06
319	1.04	1.0E-06	4.6E+00	2.0E-03	1.0E-03	9.9E-06	1.6E-01	6.7E-01	1.0E-06
320	1.01	1.0E-06	4.5E+00	2.0E-03	1.0E-03	9.6E-06	1.6E-01	6.7E-01	1.0E-06
321	0.98	9.8E-07	4.4E+00	2.0E-03	1.0E-03	9.3E-06	1.6E-01	6.7E-01	9.7E-07
322	0.94	9.4E-07	4.2E+00	2.0E-03	1.0E-03	8.9E-06	1.6E-01	6.7E-01	9.4E-07
323	0.90	9.0E-07	4.0E+00	2.0E-03	1.0E-03	8.6E-06	1.6E-01	6.7E-01	9.0E-07
324	0.87	8.7E-07	3.9E+00	2.0E-03	1.0E-03	8.3E-06	1.6E-01	6.7E-01	8.7E-07
325	0.63	6.3E-07	2.8E+00	2.0E-03	1.0E-03	5.9E-06	1.6E-01	6.7E-01	6.2E-07
326	0.68	6.8E-07	3.0E+00	2.0E-03	1.0E-03	6.4E-06	1.6E-01	6.7E-01	6.7E-07
327	0.73	7.3E-07	3.2E+00	2.0E-03	1.0E-03	6.8E-06	1.6E-01	6.7E-01	7.2E-07
328	0.78	7.8E-07	3.4E+00	2.0E-03	1.0E-03	7.3E-06	1.6E-01	6.7E-01	7.7E-07
329	0.83	8.3E-07	3.7E+00	2.0E-03	1.0E-03	7.9E-06	1.6E-01	6.7E-01	8.3E-07
330	0.88	8.8E-07	3.9E+00	2.0E-03	1.0E-03	8.4E-06	1.6E-01	6.7E-01	8.8E-07
331	0.94	9.4E-07	4.2E+00	2.0E-03	1.0E-03	8.9E-06	1.6E-01	6.7E-01	9.3E-07
332	0.99	9.9E-07	4.4E+00	2.0E-03	1.0E-03	9.4E-06	1.6E-01	6.7E-01	9.9E-07
333	1.05	1.0E-06	4.7E+00	2.0E-03	1.0E-03	9.9E-06	1.6E-01	6.7E-01	1.0E-06
334	1.11	1.1E-06	4.9E+00	2.0E-03	1.0E-03	1.0E-05	1.6E-01	6.7E-01	1.1E-06
335	1.16	1.2E-06	5.2E+00	2.0E-03	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.2E-06
336	1.22	1.2E-06	5.4E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.2E-06
337	1.26	1.3E-06	5.6E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.3E-06
338	1.29	1.3E-06	5.7E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.3E-06
339	1.30	1.3E-06	5.8E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.3E-06
340	1.30	1.3E-06	5.8E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.3E-06
341	1.29	1.3E-06	5.7E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.3E-06
342	1.26	1.3E-06	5.6E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.3E-06
343	1.23	1.2E-06	5.5E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.2E-06
344	1.19	1.2E-06	5.3E+00	2.0E-03	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.2E-06

Franklin School Project
Risk From Modernization Const - Unmitigated Residential

	7.80	Max					Onsite		
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
345	1.15	1.2E-06	5.1E+00	2.0E-03	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.1E-06
346	1.11	1.1E-06	4.9E+00	2.0E-03	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.1E-06
347	1.06	1.1E-06	4.8E+00	2.0E-03	1.0E-03	1.0E-05	1.6E-01	6.7E-01	1.1E-06
348	1.02	1.0E-06	4.6E+00	2.0E-03	1.0E-03	9.7E-06	1.6E-01	6.7E-01	1.0E-06
349	0.97	9.7E-07	4.4E+00	2.0E-03	1.0E-03	9.3E-06	1.6E-01	6.7E-01	9.7E-07
350	0.93	9.3E-07	4.2E+00	2.0E-03	1.0E-03	8.8E-06	1.6E-01	6.7E-01	9.3E-07
351	0.70	7.0E-07	3.1E+00	2.0E-03	1.0E-03	6.6E-06	1.6E-01	6.7E-01	7.0E-07
352	0.76	7.6E-07	3.4E+00	2.0E-03	1.0E-03	7.2E-06	1.6E-01	6.7E-01	7.6E-07
353	0.83	8.3E-07	3.7E+00	2.0E-03	1.0E-03	7.8E-06	1.6E-01	6.7E-01	8.2E-07
354	0.90	9.0E-07	4.0E+00	2.0E-03	1.0E-03	8.5E-06	1.6E-01	6.7E-01	8.9E-07
355	0.96	9.6E-07	4.3E+00	2.0E-03	1.0E-03	9.1E-06	1.6E-01	6.7E-01	9.6E-07
356	1.03	1.0E-06	4.6E+00	2.0E-03	1.0E-03	9.8E-06	1.6E-01	6.7E-01	1.0E-06
357	1.10	1.1E-06	4.9E+00	2.0E-03	1.0E-03	1.0E-05	1.6E-01	6.7E-01	1.1E-06
358	1.18	1.2E-06	5.2E+00	2.0E-03	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.2E-06
359	1.25	1.3E-06	5.6E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.2E-06
360	1.33	1.3E-06	5.9E+00	2.0E-03	1.0E-03	1.3E-05	1.6E-01	6.7E-01	1.3E-06
361	1.40	1.4E-06	6.2E+00	2.0E-03	1.0E-03	1.3E-05	1.6E-01	6.7E-01	1.4E-06
362	1.46	1.5E-06	6.5E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.5E-06
363	1.50	1.5E-06	6.7E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.5E-06
364	1.52	1.5E-06	6.8E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.5E-06
365	1.52	1.5E-06	6.8E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.5E-06
366	1.51	1.5E-06	6.7E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.5E-06
367	1.48	1.5E-06	6.6E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.5E-06
368	1.43	1.4E-06	6.4E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.4E-06
369	1.38	1.4E-06	6.2E+00	2.0E-03	1.0E-03	1.3E-05	1.6E-01	6.7E-01	1.4E-06
370	1.33	1.3E-06	5.9E+00	2.0E-03	1.0E-03	1.3E-05	1.6E-01	6.7E-01	1.3E-06
371	1.27	1.3E-06	5.7E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.3E-06
372	1.21	1.2E-06	5.4E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.2E-06
373	1.16	1.2E-06	5.2E+00	2.0E-03	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.2E-06
374	1.10	1.1E-06	4.9E+00	2.0E-03	1.0E-03	1.0E-05	1.6E-01	6.7E-01	1.1E-06
375	1.05	1.0E-06	4.7E+00	2.0E-03	1.0E-03	9.9E-06	1.6E-01	6.7E-01	1.0E-06
376	0.99	9.9E-07	4.4E+00	2.0E-03	1.0E-03	9.4E-06	1.6E-01	6.7E-01	9.9E-07
377	0.79	7.9E-07	3.5E+00	2.0E-03	1.0E-03	7.5E-06	1.6E-01	6.7E-01	7.9E-07
378	0.87	8.7E-07	3.9E+00	2.0E-03	1.0E-03	8.2E-06	1.6E-01	6.7E-01	8.6E-07
379	0.96	9.6E-07	4.2E+00	2.0E-03	1.0E-03	9.0E-06	1.6E-01	6.7E-01	9.5E-07
380	1.04	1.0E-06	4.6E+00	2.0E-03	1.0E-03	9.9E-06	1.6E-01	6.7E-01	1.0E-06
381	1.14	1.1E-06	5.1E+00	2.0E-03	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.1E-06
382	1.69	1.7E-06	7.6E+00	2.0E-03	1.0E-03	1.6E-05	1.6E-01	6.7E-01	1.7E-06
383	1.63	1.6E-06	7.3E+00	2.0E-03	1.0E-03	1.5E-05	1.6E-01	6.7E-01	1.6E-06
384	1.55	1.6E-06	6.9E+00	2.0E-03	1.0E-03	1.5E-05	1.6E-01	6.7E-01	1.5E-06
385	1.47	1.5E-06	6.6E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.5E-06
386	1.40	1.4E-06	6.2E+00	2.0E-03	1.0E-03	1.3E-05	1.6E-01	6.7E-01	1.4E-06
387	1.32	1.3E-06	5.9E+00	2.0E-03	1.0E-03	1.3E-05	1.6E-01	6.7E-01	1.3E-06

Franklin School Project
Risk From Modernization Const - Unmitigated Residential

	7.80	Max					Onsite		
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
388	1.25	1.3E-06	5.6E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.3E-06
389	1.18	1.2E-06	5.3E+00	2.0E-03	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.2E-06
390	1.12	1.1E-06	5.0E+00	2.0E-03	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.1E-06
391	1.05	1.1E-06	4.7E+00	2.0E-03	1.0E-03	1.0E-05	1.6E-01	6.7E-01	1.1E-06
392	0.89	8.9E-07	4.0E+00	2.0E-03	1.0E-03	8.4E-06	1.6E-01	6.7E-01	8.9E-07
393	0.99	9.9E-07	4.4E+00	2.0E-03	1.0E-03	9.4E-06	1.6E-01	6.7E-01	9.9E-07
394	1.11	1.1E-06	4.9E+00	2.0E-03	1.0E-03	1.0E-05	1.6E-01	6.7E-01	1.1E-06
395	1.23	1.2E-06	5.5E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.2E-06
396	1.36	1.4E-06	6.1E+00	2.0E-03	1.0E-03	1.3E-05	1.6E-01	6.7E-01	1.4E-06
397	1.94	1.9E-06	8.7E+00	2.0E-03	1.0E-03	1.8E-05	1.6E-01	6.7E-01	1.9E-06
398	1.84	1.8E-06	8.2E+00	2.0E-03	1.0E-03	1.7E-05	1.6E-01	6.7E-01	1.8E-06
399	1.73	1.7E-06	7.7E+00	2.0E-03	1.0E-03	1.6E-05	1.6E-01	6.7E-01	1.7E-06
400	1.63	1.6E-06	7.3E+00	2.0E-03	1.0E-03	1.5E-05	1.6E-01	6.7E-01	1.6E-06
401	1.53	1.5E-06	6.8E+00	2.0E-03	1.0E-03	1.5E-05	1.6E-01	6.7E-01	1.5E-06
402	1.44	1.4E-06	6.4E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.4E-06
403	1.35	1.3E-06	6.0E+00	2.0E-03	1.0E-03	1.3E-05	1.6E-01	6.7E-01	1.3E-06
404	1.26	1.3E-06	5.6E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.3E-06
405	1.18	1.2E-06	5.3E+00	2.0E-03	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.2E-06
406	1.11	1.1E-06	5.0E+00	2.0E-03	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.1E-06
407	1.00	1.0E-06	4.5E+00	2.0E-03	1.0E-03	9.5E-06	1.6E-01	6.7E-01	1.0E-06
408	1.13	1.1E-06	5.0E+00	2.0E-03	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.1E-06
409	1.28	1.3E-06	5.7E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.3E-06
410	1.45	1.5E-06	6.5E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.4E-06
411	1.64	1.6E-06	7.3E+00	2.0E-03	1.0E-03	1.6E-05	1.6E-01	6.7E-01	1.6E-06
412	2.21	2.2E-06	9.9E+00	2.0E-03	1.0E-03	2.1E-05	1.6E-01	6.7E-01	2.2E-06
413	2.07	2.1E-06	9.2E+00	2.0E-03	1.0E-03	2.0E-05	1.6E-01	6.7E-01	2.1E-06
414	1.93	1.9E-06	8.6E+00	2.0E-03	1.0E-03	1.8E-05	1.6E-01	6.7E-01	1.9E-06
415	1.79	1.8E-06	8.0E+00	2.0E-03	1.0E-03	1.7E-05	1.6E-01	6.7E-01	1.8E-06
416	1.67	1.7E-06	7.4E+00	2.0E-03	1.0E-03	1.6E-05	1.6E-01	6.7E-01	1.7E-06
417	1.55	1.6E-06	6.9E+00	2.0E-03	1.0E-03	1.5E-05	1.6E-01	6.7E-01	1.5E-06
418	1.44	1.4E-06	6.4E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.4E-06
419	1.34	1.3E-06	6.0E+00	2.0E-03	1.0E-03	1.3E-05	1.6E-01	6.7E-01	1.3E-06
420	1.25	1.2E-06	5.6E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.2E-06
421	1.17	1.2E-06	5.2E+00	2.0E-03	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.2E-06
422	1.13	1.1E-06	5.1E+00	2.0E-03	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.1E-06
423	1.30	1.3E-06	5.8E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.3E-06
424	1.50	1.5E-06	6.7E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.5E-06
425	1.73	1.7E-06	7.7E+00	2.0E-03	1.0E-03	1.6E-05	1.6E-01	6.7E-01	1.7E-06
426	2.02	2.0E-06	9.0E+00	2.0E-03	1.0E-03	1.9E-05	1.6E-01	6.7E-01	2.0E-06
427	2.50	2.5E-06	1.1E+01	2.0E-03	1.0E-03	2.4E-05	1.6E-01	6.7E-01	2.5E-06
428	2.31	2.3E-06	1.0E+01	2.0E-03	1.0E-03	2.2E-05	1.6E-01	6.7E-01	2.3E-06
429	2.12	2.1E-06	9.5E+00	2.0E-03	1.0E-03	2.0E-05	1.6E-01	6.7E-01	2.1E-06
430	1.95	2.0E-06	8.7E+00	2.0E-03	1.0E-03	1.9E-05	1.6E-01	6.7E-01	2.0E-06

Franklin School Project
Risk From Modernization Const - Unmitigated Residential

	7.80	Max							
						Onsite			
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
431	1.80	1.8E-06	8.1E+00	2.0E-03	1.0E-03	1.7E-05	1.6E-01	6.7E-01	1.8E-06
432	1.66	1.7E-06	7.4E+00	2.0E-03	1.0E-03	1.6E-05	1.6E-01	6.7E-01	1.7E-06
433	1.53	1.5E-06	6.9E+00	2.0E-03	1.0E-03	1.5E-05	1.6E-01	6.7E-01	1.5E-06
434	1.41	1.4E-06	6.3E+00	2.0E-03	1.0E-03	1.3E-05	1.6E-01	6.7E-01	1.4E-06
435	1.31	1.3E-06	5.9E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.3E-06
436	1.22	1.2E-06	5.4E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.2E-06
437	1.27	1.3E-06	5.7E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.3E-06
438	1.48	1.5E-06	6.6E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.5E-06
439	1.75	1.8E-06	7.8E+00	2.0E-03	1.0E-03	1.7E-05	1.6E-01	6.7E-01	1.7E-06
440	2.07	2.1E-06	9.3E+00	2.0E-03	1.0E-03	2.0E-05	1.6E-01	6.7E-01	2.1E-06
441	2.53	2.5E-06	1.1E+01	2.0E-03	1.0E-03	2.4E-05	1.6E-01	6.7E-01	2.5E-06
442	2.80	2.8E-06	1.3E+01	2.0E-03	1.0E-03	2.7E-05	1.6E-01	6.7E-01	2.8E-06
443	2.55	2.6E-06	1.1E+01	2.0E-03	1.0E-03	2.4E-05	1.6E-01	6.7E-01	2.5E-06
444	2.32	2.3E-06	1.0E+01	2.0E-03	1.0E-03	2.2E-05	1.6E-01	6.7E-01	2.3E-06
445	2.11	2.1E-06	9.5E+00	2.0E-03	1.0E-03	2.0E-05	1.6E-01	6.7E-01	2.1E-06
446	1.93	1.9E-06	8.6E+00	2.0E-03	1.0E-03	1.8E-05	1.6E-01	6.7E-01	1.9E-06
447	1.77	1.8E-06	7.9E+00	2.0E-03	1.0E-03	1.7E-05	1.6E-01	6.7E-01	1.8E-06
448	1.62	1.6E-06	7.2E+00	2.0E-03	1.0E-03	1.5E-05	1.6E-01	6.7E-01	1.6E-06
449	1.49	1.5E-06	6.6E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.5E-06
450	1.36	1.4E-06	6.1E+00	2.0E-03	1.0E-03	1.3E-05	1.6E-01	6.7E-01	1.4E-06
451	1.26	1.3E-06	5.6E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.3E-06
452	1.42	1.4E-06	6.4E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.4E-06
453	1.69	1.7E-06	7.5E+00	2.0E-03	1.0E-03	1.6E-05	1.6E-01	6.7E-01	1.7E-06
454	2.05	2.0E-06	9.2E+00	2.0E-03	1.0E-03	1.9E-05	1.6E-01	6.7E-01	2.0E-06
455	2.51	2.5E-06	1.1E+01	2.0E-03	1.0E-03	2.4E-05	1.6E-01	6.7E-01	2.5E-06
456	3.20	3.2E-06	1.4E+01	2.0E-03	1.0E-03	3.0E-05	1.6E-01	6.7E-01	3.2E-06
457	3.10	3.1E-06	1.4E+01	2.0E-03	1.0E-03	2.9E-05	1.6E-01	6.7E-01	3.1E-06
458	2.79	2.8E-06	1.2E+01	2.0E-03	1.0E-03	2.7E-05	1.6E-01	6.7E-01	2.8E-06
459	2.51	2.5E-06	1.1E+01	2.0E-03	1.0E-03	2.4E-05	1.6E-01	6.7E-01	2.5E-06
460	2.27	2.3E-06	1.0E+01	2.0E-03	1.0E-03	2.2E-05	1.6E-01	6.7E-01	2.3E-06
461	2.05	2.1E-06	9.2E+00	2.0E-03	1.0E-03	2.0E-05	1.6E-01	6.7E-01	2.0E-06
462	1.86	1.9E-06	8.3E+00	2.0E-03	1.0E-03	1.8E-05	1.6E-01	6.7E-01	1.9E-06
463	1.70	1.7E-06	7.6E+00	2.0E-03	1.0E-03	1.6E-05	1.6E-01	6.7E-01	1.7E-06
464	1.55	1.6E-06	6.9E+00	2.0E-03	1.0E-03	1.5E-05	1.6E-01	6.7E-01	1.5E-06
465	1.41	1.4E-06	6.3E+00	2.0E-03	1.0E-03	1.3E-05	1.6E-01	6.7E-01	1.4E-06
466	1.30	1.3E-06	5.8E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.3E-06
467	1.56	1.6E-06	7.0E+00	2.0E-03	1.0E-03	1.5E-05	1.6E-01	6.7E-01	1.6E-06
468	1.89	1.9E-06	8.4E+00	2.0E-03	1.0E-03	1.8E-05	1.6E-01	6.7E-01	1.9E-06
469	2.32	2.3E-06	1.0E+01	2.0E-03	1.0E-03	2.2E-05	1.6E-01	6.7E-01	2.3E-06
470	2.98	3.0E-06	1.3E+01	2.0E-03	1.0E-03	2.8E-05	1.6E-01	6.7E-01	3.0E-06
471	4.03	4.0E-06	1.8E+01	2.0E-03	1.0E-03	3.8E-05	1.6E-01	6.7E-01	4.0E-06
472	3.38	3.4E-06	1.5E+01	2.0E-03	1.0E-03	3.2E-05	1.6E-01	6.7E-01	3.4E-06
473	3.00	3.0E-06	1.3E+01	2.0E-03	1.0E-03	2.9E-05	1.6E-01	6.7E-01	3.0E-06

Franklin School Project
Risk From Modernization Const - Unmitigated Residential

	7.80	Max							
						Onsite			
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
474	2.68	2.7E-06	1.2E+01	2.0E-03	1.0E-03	2.5E-05	1.6E-01	6.7E-01	2.7E-06
475	2.40	2.4E-06	1.1E+01	2.0E-03	1.0E-03	2.3E-05	1.6E-01	6.7E-01	2.4E-06
476	2.16	2.2E-06	9.6E+00	2.0E-03	1.0E-03	2.1E-05	1.6E-01	6.7E-01	2.2E-06
477	1.95	1.9E-06	8.7E+00	2.0E-03	1.0E-03	1.9E-05	1.6E-01	6.7E-01	1.9E-06
478	1.76	1.8E-06	7.9E+00	2.0E-03	1.0E-03	1.7E-05	1.6E-01	6.7E-01	1.8E-06
479	1.60	1.6E-06	7.2E+00	2.0E-03	1.0E-03	1.5E-05	1.6E-01	6.7E-01	1.6E-06
480	1.46	1.5E-06	6.5E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.5E-06
481	1.33	1.3E-06	5.9E+00	2.0E-03	1.0E-03	1.3E-05	1.6E-01	6.7E-01	1.3E-06
482	1.70	1.7E-06	7.6E+00	2.0E-03	1.0E-03	1.6E-05	1.6E-01	6.7E-01	1.7E-06
483	2.09	2.1E-06	9.3E+00	2.0E-03	1.0E-03	2.0E-05	1.6E-01	6.7E-01	2.1E-06
484	2.62	2.6E-06	1.2E+01	2.0E-03	1.0E-03	2.5E-05	1.6E-01	6.7E-01	2.6E-06
485	3.49	3.5E-06	1.6E+01	2.0E-03	1.0E-03	3.3E-05	1.6E-01	6.7E-01	3.5E-06
486	4.93	4.9E-06	2.2E+01	2.0E-03	1.0E-03	4.7E-05	1.6E-01	6.7E-01	4.9E-06
487	3.63	3.6E-06	1.6E+01	2.0E-03	1.0E-03	3.5E-05	1.6E-01	6.7E-01	3.6E-06
488	3.20	3.2E-06	1.4E+01	2.0E-03	1.0E-03	3.0E-05	1.6E-01	6.7E-01	3.2E-06
489	2.83	2.8E-06	1.3E+01	2.0E-03	1.0E-03	2.7E-05	1.6E-01	6.7E-01	2.8E-06
490	2.52	2.5E-06	1.1E+01	2.0E-03	1.0E-03	2.4E-05	1.6E-01	6.7E-01	2.5E-06
491	2.25	2.2E-06	1.0E+01	2.0E-03	1.0E-03	2.1E-05	1.6E-01	6.7E-01	2.2E-06
492	2.02	2.0E-06	9.0E+00	2.0E-03	1.0E-03	1.9E-05	1.6E-01	6.7E-01	2.0E-06
493	1.81	1.8E-06	8.1E+00	2.0E-03	1.0E-03	1.7E-05	1.6E-01	6.7E-01	1.8E-06
494	1.64	1.6E-06	7.3E+00	2.0E-03	1.0E-03	1.6E-05	1.6E-01	6.7E-01	1.6E-06
495	1.49	1.5E-06	6.7E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.5E-06
496	1.35	1.4E-06	6.0E+00	2.0E-03	1.0E-03	1.3E-05	1.6E-01	6.7E-01	1.4E-06
497	1.83	1.8E-06	8.2E+00	2.0E-03	1.0E-03	1.7E-05	1.6E-01	6.7E-01	1.8E-06
498	2.28	2.3E-06	1.0E+01	2.0E-03	1.0E-03	2.2E-05	1.6E-01	6.7E-01	2.3E-06
499	2.95	3.0E-06	1.3E+01	2.0E-03	1.0E-03	2.8E-05	1.6E-01	6.7E-01	3.0E-06
500	4.02	4.0E-06	1.8E+01	2.0E-03	1.0E-03	3.8E-05	1.6E-01	6.7E-01	4.0E-06
501	5.75	5.8E-06	2.6E+01	2.0E-03	1.0E-03	5.5E-05	1.6E-01	6.7E-01	5.8E-06
502	3.85	3.9E-06	1.7E+01	2.0E-03	1.0E-03	3.7E-05	1.6E-01	6.7E-01	3.9E-06
503	3.36	3.4E-06	1.5E+01	2.0E-03	1.0E-03	3.2E-05	1.6E-01	6.7E-01	3.4E-06
504	2.95	3.0E-06	1.3E+01	2.0E-03	1.0E-03	2.8E-05	1.6E-01	6.7E-01	3.0E-06
505	2.61	2.6E-06	1.2E+01	2.0E-03	1.0E-03	2.5E-05	1.6E-01	6.7E-01	2.6E-06
506	2.32	2.3E-06	1.0E+01	2.0E-03	1.0E-03	2.2E-05	1.6E-01	6.7E-01	2.3E-06
507	2.07	2.1E-06	9.2E+00	2.0E-03	1.0E-03	2.0E-05	1.6E-01	6.7E-01	2.1E-06
508	1.85	1.9E-06	8.3E+00	2.0E-03	1.0E-03	1.8E-05	1.6E-01	6.7E-01	1.9E-06
509	1.67	1.7E-06	7.5E+00	2.0E-03	1.0E-03	1.6E-05	1.6E-01	6.7E-01	1.7E-06
510	1.51	1.5E-06	6.7E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.5E-06
511	1.36	1.4E-06	6.1E+00	2.0E-03	1.0E-03	1.3E-05	1.6E-01	6.7E-01	1.4E-06
512	1.94	1.9E-06	8.7E+00	2.0E-03	1.0E-03	1.8E-05	1.6E-01	6.7E-01	1.9E-06
513	2.43	2.4E-06	1.1E+01	2.0E-03	1.0E-03	2.3E-05	1.6E-01	6.7E-01	2.4E-06
514	3.16	3.2E-06	1.4E+01	2.0E-03	1.0E-03	3.0E-05	1.6E-01	6.7E-01	3.2E-06
515	4.38	4.4E-06	2.0E+01	2.0E-03	1.0E-03	4.2E-05	1.6E-01	6.7E-01	4.4E-06
516	6.37	6.4E-06	2.8E+01	2.0E-03	1.0E-03	6.1E-05	1.6E-01	6.7E-01	6.4E-06

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	7.80	Max					Onsite		
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
517	4.04	4.0E-06	1.8E+01	2.0E-03	1.0E-03	3.8E-05	1.6E-01	6.7E-01	4.0E-06
518	3.51	3.5E-06	1.6E+01	2.0E-03	1.0E-03	3.3E-05	1.6E-01	6.7E-01	3.5E-06
519	3.06	3.1E-06	1.4E+01	2.0E-03	1.0E-03	2.9E-05	1.6E-01	6.7E-01	3.1E-06
520	2.68	2.7E-06	1.2E+01	2.0E-03	1.0E-03	2.5E-05	1.6E-01	6.7E-01	2.7E-06
521	2.37	2.4E-06	1.1E+01	2.0E-03	1.0E-03	2.3E-05	1.6E-01	6.7E-01	2.4E-06
522	2.10	2.1E-06	9.4E+00	2.0E-03	1.0E-03	2.0E-05	1.6E-01	6.7E-01	2.1E-06
523	1.87	1.9E-06	8.4E+00	2.0E-03	1.0E-03	1.8E-05	1.6E-01	6.7E-01	1.9E-06
524	1.68	1.7E-06	7.5E+00	2.0E-03	1.0E-03	1.6E-05	1.6E-01	6.7E-01	1.7E-06
525	1.51	1.5E-06	6.7E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.5E-06
526	1.36	1.4E-06	6.1E+00	2.0E-03	1.0E-03	1.3E-05	1.6E-01	6.7E-01	1.4E-06
527	2.03	2.0E-06	9.1E+00	2.0E-03	1.0E-03	1.9E-05	1.6E-01	6.7E-01	2.0E-06
528	2.57	2.6E-06	1.1E+01	2.0E-03	1.0E-03	2.4E-05	1.6E-01	6.7E-01	2.6E-06
529	3.39	3.4E-06	1.5E+01	2.0E-03	1.0E-03	3.2E-05	1.6E-01	6.7E-01	3.4E-06
530	4.70	4.7E-06	2.1E+01	2.0E-03	1.0E-03	4.5E-05	1.6E-01	6.7E-01	4.7E-06
531	6.82	6.8E-06	3.1E+01	2.0E-03	1.0E-03	6.5E-05	1.6E-01	6.7E-01	6.8E-06
532	4.19	4.2E-06	1.9E+01	2.0E-03	1.0E-03	4.0E-05	1.6E-01	6.7E-01	4.2E-06
533	3.61	3.6E-06	1.6E+01	2.0E-03	1.0E-03	3.4E-05	1.6E-01	6.7E-01	3.6E-06
534	3.11	3.1E-06	1.4E+01	2.0E-03	1.0E-03	3.0E-05	1.6E-01	6.7E-01	3.1E-06
535	2.70	2.7E-06	1.2E+01	2.0E-03	1.0E-03	2.6E-05	1.6E-01	6.7E-01	2.7E-06
536	2.36	2.4E-06	1.1E+01	2.0E-03	1.0E-03	2.2E-05	1.6E-01	6.7E-01	2.4E-06
537	2.09	2.1E-06	9.4E+00	2.0E-03	1.0E-03	2.0E-05	1.6E-01	6.7E-01	2.1E-06
538	1.86	1.9E-06	8.3E+00	2.0E-03	1.0E-03	1.8E-05	1.6E-01	6.7E-01	1.9E-06
539	1.67	1.7E-06	7.5E+00	2.0E-03	1.0E-03	1.6E-05	1.6E-01	6.7E-01	1.7E-06
540	1.49	1.5E-06	6.7E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.5E-06
541	1.34	1.3E-06	6.0E+00	2.0E-03	1.0E-03	1.3E-05	1.6E-01	6.7E-01	1.3E-06
542	2.09	2.1E-06	9.4E+00	2.0E-03	1.0E-03	2.0E-05	1.6E-01	6.7E-01	2.1E-06
543	2.67	2.7E-06	1.2E+01	2.0E-03	1.0E-03	2.5E-05	1.6E-01	6.7E-01	2.7E-06
544	3.57	3.6E-06	1.6E+01	2.0E-03	1.0E-03	3.4E-05	1.6E-01	6.7E-01	3.6E-06
545	4.94	4.9E-06	2.2E+01	2.0E-03	1.0E-03	4.7E-05	1.6E-01	6.7E-01	4.9E-06
546	7.11	7.1E-06	3.2E+01	2.0E-03	1.0E-03	6.8E-05	1.6E-01	6.7E-01	7.1E-06
547	4.28	4.3E-06	1.9E+01	2.0E-03	1.0E-03	4.1E-05	1.6E-01	6.7E-01	4.3E-06
548	3.65	3.6E-06	1.6E+01	2.0E-03	1.0E-03	3.5E-05	1.6E-01	6.7E-01	3.6E-06
549	3.13	3.1E-06	1.4E+01	2.0E-03	1.0E-03	3.0E-05	1.6E-01	6.7E-01	3.1E-06
550	2.69	2.7E-06	1.2E+01	2.0E-03	1.0E-03	2.6E-05	1.6E-01	6.7E-01	2.7E-06
551	2.31	2.3E-06	1.0E+01	2.0E-03	1.0E-03	2.2E-05	1.6E-01	6.7E-01	2.3E-06
552	2.02	2.0E-06	9.0E+00	2.0E-03	1.0E-03	1.9E-05	1.6E-01	6.7E-01	2.0E-06
553	1.80	1.8E-06	8.0E+00	2.0E-03	1.0E-03	1.7E-05	1.6E-01	6.7E-01	1.8E-06
554	1.61	1.6E-06	7.2E+00	2.0E-03	1.0E-03	1.5E-05	1.6E-01	6.7E-01	1.6E-06
555	1.44	1.4E-06	6.4E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.4E-06
556	1.29	1.3E-06	5.8E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.3E-06
557	2.13	2.1E-06	9.5E+00	2.0E-03	1.0E-03	2.0E-05	1.6E-01	6.7E-01	2.1E-06
558	2.73	2.7E-06	1.2E+01	2.0E-03	1.0E-03	2.6E-05	1.6E-01	6.7E-01	2.7E-06
559	3.65	3.6E-06	1.6E+01	2.0E-03	1.0E-03	3.5E-05	1.6E-01	6.7E-01	3.6E-06

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	7.80	Max					Onsite		
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
560	5.07	5.1E-06	2.3E+01	2.0E-03	1.0E-03	4.8E-05	1.6E-01	6.7E-01	5.1E-06
561	7.26	7.3E-06	3.2E+01	2.0E-03	1.0E-03	6.9E-05	1.6E-01	6.7E-01	7.3E-06
562	3.69	3.7E-06	1.6E+01	2.0E-03	1.0E-03	3.5E-05	1.6E-01	6.7E-01	3.7E-06
563	3.14	3.1E-06	1.4E+01	2.0E-03	1.0E-03	3.0E-05	1.6E-01	6.7E-01	3.1E-06
564	2.67	2.7E-06	1.2E+01	2.0E-03	1.0E-03	2.5E-05	1.6E-01	6.7E-01	2.7E-06
565	2.19	2.2E-06	9.8E+00	2.0E-03	1.0E-03	2.1E-05	1.6E-01	6.7E-01	2.2E-06
566	1.90	1.9E-06	8.5E+00	2.0E-03	1.0E-03	1.8E-05	1.6E-01	6.7E-01	1.9E-06
567	1.68	1.7E-06	7.5E+00	2.0E-03	1.0E-03	1.6E-05	1.6E-01	6.7E-01	1.7E-06
568	1.50	1.5E-06	6.7E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.5E-06
569	1.35	1.3E-06	6.0E+00	2.0E-03	1.0E-03	1.3E-05	1.6E-01	6.7E-01	1.3E-06
570	1.22	1.2E-06	5.5E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.2E-06
571	2.15	2.2E-06	9.6E+00	2.0E-03	1.0E-03	2.0E-05	1.6E-01	6.7E-01	2.1E-06
572	2.78	2.8E-06	1.2E+01	2.0E-03	1.0E-03	2.6E-05	1.6E-01	6.7E-01	2.8E-06
573	3.68	3.7E-06	1.6E+01	2.0E-03	1.0E-03	3.5E-05	1.6E-01	6.7E-01	3.7E-06
574	5.12	5.1E-06	2.3E+01	2.0E-03	1.0E-03	4.9E-05	1.6E-01	6.7E-01	5.1E-06
575	7.29	7.3E-06	3.3E+01	2.0E-03	1.0E-03	6.9E-05	1.6E-01	6.7E-01	7.3E-06
576	3.13	3.1E-06	1.4E+01	2.0E-03	1.0E-03	3.0E-05	1.6E-01	6.7E-01	3.1E-06
577	2.66	2.7E-06	1.2E+01	2.0E-03	1.0E-03	2.5E-05	1.6E-01	6.7E-01	2.7E-06
578	2.23	2.2E-06	1.0E+01	2.0E-03	1.0E-03	2.1E-05	1.6E-01	6.7E-01	2.2E-06
579	1.94	1.9E-06	8.7E+00	2.0E-03	1.0E-03	1.8E-05	1.6E-01	6.7E-01	1.9E-06
580	1.70	1.7E-06	7.6E+00	2.0E-03	1.0E-03	1.6E-05	1.6E-01	6.7E-01	1.7E-06
581	1.48	1.5E-06	6.6E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.5E-06
582	1.31	1.3E-06	5.9E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.3E-06
583	1.16	1.2E-06	5.2E+00	2.0E-03	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.2E-06
584	2.14	2.1E-06	9.6E+00	2.0E-03	1.0E-03	2.0E-05	1.6E-01	6.7E-01	2.1E-06
585	2.77	2.8E-06	1.2E+01	2.0E-03	1.0E-03	2.6E-05	1.6E-01	6.7E-01	2.8E-06
586	3.69	3.7E-06	1.6E+01	2.0E-03	1.0E-03	3.5E-05	1.6E-01	6.7E-01	3.7E-06
587	5.05	5.1E-06	2.3E+01	2.0E-03	1.0E-03	4.8E-05	1.6E-01	6.7E-01	5.1E-06
588	7.23	7.2E-06	3.2E+01	2.0E-03	1.0E-03	6.9E-05	1.6E-01	6.7E-01	7.2E-06
589	2.64	2.6E-06	1.2E+01	2.0E-03	1.0E-03	2.5E-05	1.6E-01	6.7E-01	2.6E-06
590	2.28	2.3E-06	1.0E+01	2.0E-03	1.0E-03	2.2E-05	1.6E-01	6.7E-01	2.3E-06
591	1.99	2.0E-06	8.9E+00	2.0E-03	1.0E-03	1.9E-05	1.6E-01	6.7E-01	2.0E-06
592	1.72	1.7E-06	7.7E+00	2.0E-03	1.0E-03	1.6E-05	1.6E-01	6.7E-01	1.7E-06
593	1.51	1.5E-06	6.8E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.5E-06
594	1.32	1.3E-06	5.9E+00	2.0E-03	1.0E-03	1.3E-05	1.6E-01	6.7E-01	1.3E-06
595	1.16	1.2E-06	5.2E+00	2.0E-03	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.2E-06
596	2.10	2.1E-06	9.4E+00	2.0E-03	1.0E-03	2.0E-05	1.6E-01	6.7E-01	2.1E-06
597	2.71	2.7E-06	1.2E+01	2.0E-03	1.0E-03	2.6E-05	1.6E-01	6.7E-01	2.7E-06
598	3.56	3.6E-06	1.6E+01	2.0E-03	1.0E-03	3.4E-05	1.6E-01	6.7E-01	3.6E-06
599	4.88	4.9E-06	2.2E+01	2.0E-03	1.0E-03	4.6E-05	1.6E-01	6.7E-01	4.9E-06
600	6.99	7.0E-06	3.1E+01	2.0E-03	1.0E-03	6.7E-05	1.6E-01	6.7E-01	7.0E-06
601	2.20	2.2E-06	9.8E+00	2.0E-03	1.0E-03	2.1E-05	1.6E-01	6.7E-01	2.2E-06
602	1.91	1.9E-06	8.6E+00	2.0E-03	1.0E-03	1.8E-05	1.6E-01	6.7E-01	1.9E-06

Franklin School Project
Risk From Modernization Const - Unmitigated Residential

	7.80	Max					Onsite		
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
603	1.67	1.7E-06	7.4E+00	2.0E-03	1.0E-03	1.6E-05	1.6E-01	6.7E-01	1.7E-06
604	1.47	1.5E-06	6.6E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.5E-06
605	1.29	1.3E-06	5.8E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.3E-06
606	1.14	1.1E-06	5.1E+00	2.0E-03	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.1E-06
607	2.02	2.0E-06	9.0E+00	2.0E-03	1.0E-03	1.9E-05	1.6E-01	6.7E-01	2.0E-06
608	2.59	2.6E-06	1.2E+01	2.0E-03	1.0E-03	2.5E-05	1.6E-01	6.7E-01	2.6E-06
609	3.39	3.4E-06	1.5E+01	2.0E-03	1.0E-03	3.2E-05	1.6E-01	6.7E-01	3.4E-06
610	4.60	4.6E-06	2.1E+01	2.0E-03	1.0E-03	4.4E-05	1.6E-01	6.7E-01	4.6E-06
611	6.56	6.6E-06	2.9E+01	2.0E-03	1.0E-03	6.2E-05	1.6E-01	6.7E-01	6.6E-06
612	2.09	2.1E-06	9.4E+00	2.0E-03	1.0E-03	2.0E-05	1.6E-01	6.7E-01	2.1E-06
613	1.82	1.8E-06	8.2E+00	2.0E-03	1.0E-03	1.7E-05	1.6E-01	6.7E-01	1.8E-06
614	1.59	1.6E-06	7.1E+00	2.0E-03	1.0E-03	1.5E-05	1.6E-01	6.7E-01	1.6E-06
615	1.40	1.4E-06	6.3E+00	2.0E-03	1.0E-03	1.3E-05	1.6E-01	6.7E-01	1.4E-06
616	1.24	1.2E-06	5.5E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.2E-06
617	1.09	1.1E-06	4.9E+00	2.0E-03	1.0E-03	1.0E-05	1.6E-01	6.7E-01	1.1E-06
618	1.91	1.9E-06	8.6E+00	2.0E-03	1.0E-03	1.8E-05	1.6E-01	6.7E-01	1.9E-06
619	2.41	2.4E-06	1.1E+01	2.0E-03	1.0E-03	2.3E-05	1.6E-01	6.7E-01	2.4E-06
620	3.15	3.1E-06	1.4E+01	2.0E-03	1.0E-03	3.0E-05	1.6E-01	6.7E-01	3.1E-06
621	4.19	4.2E-06	1.9E+01	2.0E-03	1.0E-03	4.0E-05	1.6E-01	6.7E-01	4.2E-06
622	5.91	5.9E-06	2.6E+01	2.0E-03	1.0E-03	5.6E-05	1.6E-01	6.7E-01	5.9E-06
623	1.97	2.0E-06	8.8E+00	2.0E-03	1.0E-03	1.9E-05	1.6E-01	6.7E-01	2.0E-06
624	1.72	1.7E-06	7.7E+00	2.0E-03	1.0E-03	1.6E-05	1.6E-01	6.7E-01	1.7E-06
625	1.51	1.5E-06	6.7E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.5E-06
626	1.33	1.3E-06	6.0E+00	2.0E-03	1.0E-03	1.3E-05	1.6E-01	6.7E-01	1.3E-06
627	1.19	1.2E-06	5.3E+00	2.0E-03	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.2E-06
628	1.05	1.1E-06	4.7E+00	2.0E-03	1.0E-03	1.0E-05	1.6E-01	6.7E-01	1.1E-06
629	1.79	1.8E-06	8.0E+00	2.0E-03	1.0E-03	1.7E-05	1.6E-01	6.7E-01	1.8E-06
630	2.22	2.2E-06	9.9E+00	2.0E-03	1.0E-03	2.1E-05	1.6E-01	6.7E-01	2.2E-06
631	2.83	2.8E-06	1.3E+01	2.0E-03	1.0E-03	2.7E-05	1.6E-01	6.7E-01	2.8E-06
632	3.71	3.7E-06	1.7E+01	2.0E-03	1.0E-03	3.5E-05	1.6E-01	6.7E-01	3.7E-06
633	5.09	5.1E-06	2.3E+01	2.0E-03	1.0E-03	4.8E-05	1.6E-01	6.7E-01	5.1E-06
634	1.84	1.8E-06	8.2E+00	2.0E-03	1.0E-03	1.7E-05	1.6E-01	6.7E-01	1.8E-06
635	1.61	1.6E-06	7.2E+00	2.0E-03	1.0E-03	1.5E-05	1.6E-01	6.7E-01	1.6E-06
636	1.42	1.4E-06	6.3E+00	2.0E-03	1.0E-03	1.3E-05	1.6E-01	6.7E-01	1.4E-06
637	1.26	1.3E-06	5.6E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.3E-06
638	1.12	1.1E-06	5.0E+00	2.0E-03	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.1E-06
639	1.01	1.0E-06	4.5E+00	2.0E-03	1.0E-03	9.6E-06	1.6E-01	6.7E-01	1.0E-06
640	1.64	1.6E-06	7.4E+00	2.0E-03	1.0E-03	1.6E-05	1.6E-01	6.7E-01	1.6E-06
641	2.02	2.0E-06	9.0E+00	2.0E-03	1.0E-03	1.9E-05	1.6E-01	6.7E-01	2.0E-06
642	2.53	2.5E-06	1.1E+01	2.0E-03	1.0E-03	2.4E-05	1.6E-01	6.7E-01	2.5E-06
643	3.23	3.2E-06	1.4E+01	2.0E-03	1.0E-03	3.1E-05	1.6E-01	6.7E-01	3.2E-06
644	4.25	4.2E-06	1.9E+01	2.0E-03	1.0E-03	4.0E-05	1.6E-01	6.7E-01	4.2E-06
645	1.70	1.7E-06	7.6E+00	2.0E-03	1.0E-03	1.6E-05	1.6E-01	6.7E-01	1.7E-06

Franklin School Project
Risk From Modernization Const - Unmitigated Residential

	7.80	Max					Onsite		
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
646	1.50	1.5E-06	6.7E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.5E-06
647	1.33	1.3E-06	5.9E+00	2.0E-03	1.0E-03	1.3E-05	1.6E-01	6.7E-01	1.3E-06
648	1.18	1.2E-06	5.3E+00	2.0E-03	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.2E-06
649	1.06	1.1E-06	4.7E+00	2.0E-03	1.0E-03	1.0E-05	1.6E-01	6.7E-01	1.1E-06
650	0.96	9.6E-07	4.3E+00	2.0E-03	1.0E-03	9.1E-06	1.6E-01	6.7E-01	9.5E-07
651	1.51	1.5E-06	6.8E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.5E-06
652	1.83	1.8E-06	8.2E+00	2.0E-03	1.0E-03	1.7E-05	1.6E-01	6.7E-01	1.8E-06
653	2.24	2.2E-06	1.0E+01	2.0E-03	1.0E-03	2.1E-05	1.6E-01	6.7E-01	2.2E-06
654	2.77	2.8E-06	1.2E+01	2.0E-03	1.0E-03	2.6E-05	1.6E-01	6.7E-01	2.8E-06
655	3.49	3.5E-06	1.6E+01	2.0E-03	1.0E-03	3.3E-05	1.6E-01	6.7E-01	3.5E-06
656	4.42	4.4E-06	2.0E+01	2.0E-03	1.0E-03	4.2E-05	1.6E-01	6.7E-01	4.4E-06
657	5.56	5.6E-06	2.5E+01	2.0E-03	1.0E-03	5.3E-05	1.6E-01	6.7E-01	5.6E-06
658	6.72	6.7E-06	3.0E+01	2.0E-03	1.0E-03	6.4E-05	1.6E-01	6.7E-01	6.7E-06
659	7.55	7.5E-06	3.4E+01	2.0E-03	1.0E-03	7.2E-05	1.6E-01	6.7E-01	7.5E-06
660	7.80	7.8E-06	3.5E+01	2.0E-03	1.0E-03	7.4E-05	1.6E-01	6.7E-01	7.8E-06
661	7.42	7.4E-06	3.3E+01	2.0E-03	1.0E-03	7.1E-05	1.6E-01	6.7E-01	7.4E-06
662	6.51	6.5E-06	2.9E+01	2.0E-03	1.0E-03	6.2E-05	1.6E-01	6.7E-01	6.5E-06
663	5.45	5.4E-06	2.4E+01	2.0E-03	1.0E-03	5.2E-05	1.6E-01	6.7E-01	5.4E-06
664	4.53	4.5E-06	2.0E+01	2.0E-03	1.0E-03	4.3E-05	1.6E-01	6.7E-01	4.5E-06
665	3.78	3.8E-06	1.7E+01	2.0E-03	1.0E-03	3.6E-05	1.6E-01	6.7E-01	3.8E-06
666	3.18	3.2E-06	1.4E+01	2.0E-03	1.0E-03	3.0E-05	1.6E-01	6.7E-01	3.2E-06
667	2.71	2.7E-06	1.2E+01	2.0E-03	1.0E-03	2.6E-05	1.6E-01	6.7E-01	2.7E-06
668	2.34	2.3E-06	1.0E+01	2.0E-03	1.0E-03	2.2E-05	1.6E-01	6.7E-01	2.3E-06
669	2.03	2.0E-06	9.1E+00	2.0E-03	1.0E-03	1.9E-05	1.6E-01	6.7E-01	2.0E-06
670	1.77	1.8E-06	7.9E+00	2.0E-03	1.0E-03	1.7E-05	1.6E-01	6.7E-01	1.8E-06
671	1.56	1.6E-06	7.0E+00	2.0E-03	1.0E-03	1.5E-05	1.6E-01	6.7E-01	1.6E-06
672	1.39	1.4E-06	6.2E+00	2.0E-03	1.0E-03	1.3E-05	1.6E-01	6.7E-01	1.4E-06
673	1.24	1.2E-06	5.5E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.2E-06
674	1.11	1.1E-06	5.0E+00	2.0E-03	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.1E-06
675	1.00	1.0E-06	4.5E+00	2.0E-03	1.0E-03	9.5E-06	1.6E-01	6.7E-01	1.0E-06
676	0.90	9.0E-07	4.0E+00	2.0E-03	1.0E-03	8.6E-06	1.6E-01	6.7E-01	9.0E-07
677	1.36	1.4E-06	6.1E+00	2.0E-03	1.0E-03	1.3E-05	1.6E-01	6.7E-01	1.4E-06
678	1.61	1.6E-06	7.2E+00	2.0E-03	1.0E-03	1.5E-05	1.6E-01	6.7E-01	1.6E-06
679	1.94	1.9E-06	8.7E+00	2.0E-03	1.0E-03	1.8E-05	1.6E-01	6.7E-01	1.9E-06
680	2.34	2.3E-06	1.0E+01	2.0E-03	1.0E-03	2.2E-05	1.6E-01	6.7E-01	2.3E-06
681	2.84	2.8E-06	1.3E+01	2.0E-03	1.0E-03	2.7E-05	1.6E-01	6.7E-01	2.8E-06
682	3.44	3.4E-06	1.5E+01	2.0E-03	1.0E-03	3.3E-05	1.6E-01	6.7E-01	3.4E-06
683	4.11	4.1E-06	1.8E+01	2.0E-03	1.0E-03	3.9E-05	1.6E-01	6.7E-01	4.1E-06
684	4.75	4.8E-06	2.1E+01	2.0E-03	1.0E-03	4.5E-05	1.6E-01	6.7E-01	4.8E-06
685	5.21	5.2E-06	2.3E+01	2.0E-03	1.0E-03	5.0E-05	1.6E-01	6.7E-01	5.2E-06
686	5.39	5.4E-06	2.4E+01	2.0E-03	1.0E-03	5.1E-05	1.6E-01	6.7E-01	5.4E-06
687	5.22	5.2E-06	2.3E+01	2.0E-03	1.0E-03	5.0E-05	1.6E-01	6.7E-01	5.2E-06
688	4.79	4.8E-06	2.1E+01	2.0E-03	1.0E-03	4.6E-05	1.6E-01	6.7E-01	4.8E-06

Franklin School Project
Risk From Modernization Const - Unmitigated Residential

	7.80	Max							
						Onsite			
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
689	4.22	4.2E-06	1.9E+01	2.0E-03	1.0E-03	4.0E-05	1.6E-01	6.7E-01	4.2E-06
690	3.68	3.7E-06	1.6E+01	2.0E-03	1.0E-03	3.5E-05	1.6E-01	6.7E-01	3.7E-06
691	3.18	3.2E-06	1.4E+01	2.0E-03	1.0E-03	3.0E-05	1.6E-01	6.7E-01	3.2E-06
692	2.75	2.7E-06	1.2E+01	2.0E-03	1.0E-03	2.6E-05	1.6E-01	6.7E-01	2.7E-06
693	2.39	2.4E-06	1.1E+01	2.0E-03	1.0E-03	2.3E-05	1.6E-01	6.7E-01	2.4E-06
694	2.09	2.1E-06	9.3E+00	2.0E-03	1.0E-03	2.0E-05	1.6E-01	6.7E-01	2.1E-06
695	1.83	1.8E-06	8.2E+00	2.0E-03	1.0E-03	1.7E-05	1.6E-01	6.7E-01	1.8E-06
696	1.62	1.6E-06	7.2E+00	2.0E-03	1.0E-03	1.5E-05	1.6E-01	6.7E-01	1.6E-06
697	1.43	1.4E-06	6.4E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.4E-06
698	1.28	1.3E-06	5.7E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.3E-06
699	1.15	1.2E-06	5.2E+00	2.0E-03	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.2E-06
700	1.04	1.0E-06	4.6E+00	2.0E-03	1.0E-03	9.9E-06	1.6E-01	6.7E-01	1.0E-06
701	0.94	9.4E-07	4.2E+00	2.0E-03	1.0E-03	8.9E-06	1.6E-01	6.7E-01	9.4E-07
702	0.85	8.5E-07	3.8E+00	2.0E-03	1.0E-03	8.1E-06	1.6E-01	6.7E-01	8.5E-07
703	1.22	1.2E-06	5.5E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.2E-06
704	1.44	1.4E-06	6.4E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.4E-06
705	1.68	1.7E-06	7.5E+00	2.0E-03	1.0E-03	1.6E-05	1.6E-01	6.7E-01	1.7E-06
706	1.99	2.0E-06	8.9E+00	2.0E-03	1.0E-03	1.9E-05	1.6E-01	6.7E-01	2.0E-06
707	2.34	2.3E-06	1.0E+01	2.0E-03	1.0E-03	2.2E-05	1.6E-01	6.7E-01	2.3E-06
708	2.75	2.7E-06	1.2E+01	2.0E-03	1.0E-03	2.6E-05	1.6E-01	6.7E-01	2.7E-06
709	3.17	3.2E-06	1.4E+01	2.0E-03	1.0E-03	3.0E-05	1.6E-01	6.7E-01	3.2E-06
710	3.55	3.6E-06	1.6E+01	2.0E-03	1.0E-03	3.4E-05	1.6E-01	6.7E-01	3.6E-06
711	3.83	3.8E-06	1.7E+01	2.0E-03	1.0E-03	3.6E-05	1.6E-01	6.7E-01	3.8E-06
712	3.95	4.0E-06	1.8E+01	2.0E-03	1.0E-03	3.8E-05	1.6E-01	6.7E-01	4.0E-06
713	3.89	3.9E-06	1.7E+01	2.0E-03	1.0E-03	3.7E-05	1.6E-01	6.7E-01	3.9E-06
714	3.67	3.7E-06	1.6E+01	2.0E-03	1.0E-03	3.5E-05	1.6E-01	6.7E-01	3.7E-06
715	3.35	3.4E-06	1.5E+01	2.0E-03	1.0E-03	3.2E-05	1.6E-01	6.7E-01	3.4E-06
716	3.02	3.0E-06	1.3E+01	2.0E-03	1.0E-03	2.9E-05	1.6E-01	6.7E-01	3.0E-06
717	2.68	2.7E-06	1.2E+01	2.0E-03	1.0E-03	2.6E-05	1.6E-01	6.7E-01	2.7E-06
718	2.37	2.4E-06	1.1E+01	2.0E-03	1.0E-03	2.3E-05	1.6E-01	6.7E-01	2.4E-06
719	2.10	2.1E-06	9.4E+00	2.0E-03	1.0E-03	2.0E-05	1.6E-01	6.7E-01	2.1E-06
720	1.86	1.9E-06	8.3E+00	2.0E-03	1.0E-03	1.8E-05	1.6E-01	6.7E-01	1.9E-06
721	1.65	1.7E-06	7.4E+00	2.0E-03	1.0E-03	1.6E-05	1.6E-01	6.7E-01	1.7E-06
722	1.47	1.5E-06	6.6E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.5E-06
723	1.32	1.3E-06	5.9E+00	2.0E-03	1.0E-03	1.3E-05	1.6E-01	6.7E-01	1.3E-06
724	1.19	1.2E-06	5.3E+00	2.0E-03	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.2E-06
725	1.07	1.1E-06	4.8E+00	2.0E-03	1.0E-03	1.0E-05	1.6E-01	6.7E-01	1.1E-06
726	0.97	9.7E-07	4.4E+00	2.0E-03	1.0E-03	9.3E-06	1.6E-01	6.7E-01	9.7E-07
727	0.88	8.8E-07	4.0E+00	2.0E-03	1.0E-03	8.4E-06	1.6E-01	6.7E-01	8.8E-07
728	0.81	8.1E-07	3.6E+00	2.0E-03	1.0E-03	7.7E-06	1.6E-01	6.7E-01	8.1E-07
729	1.11	1.1E-06	5.0E+00	2.0E-03	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.1E-06
730	1.28	1.3E-06	5.7E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.3E-06
731	1.47	1.5E-06	6.6E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.5E-06

Franklin School Project
Risk From Modernization Const - Unmitigated Residential

	7.80	Max					Onsite		
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
732	1.70	1.7E-06	7.6E+00	2.0E-03	1.0E-03	1.6E-05	1.6E-01	6.7E-01	1.7E-06
733	1.96	2.0E-06	8.7E+00	2.0E-03	1.0E-03	1.9E-05	1.6E-01	6.7E-01	2.0E-06
734	2.24	2.2E-06	1.0E+01	2.0E-03	1.0E-03	2.1E-05	1.6E-01	6.7E-01	2.2E-06
735	2.52	2.5E-06	1.1E+01	2.0E-03	1.0E-03	2.4E-05	1.6E-01	6.7E-01	2.5E-06
736	2.77	2.8E-06	1.2E+01	2.0E-03	1.0E-03	2.6E-05	1.6E-01	6.7E-01	2.8E-06
737	2.95	3.0E-06	1.3E+01	2.0E-03	1.0E-03	2.8E-05	1.6E-01	6.7E-01	2.9E-06
738	3.04	3.0E-06	1.4E+01	2.0E-03	1.0E-03	2.9E-05	1.6E-01	6.7E-01	3.0E-06
739	3.03	3.0E-06	1.4E+01	2.0E-03	1.0E-03	2.9E-05	1.6E-01	6.7E-01	3.0E-06
740	2.91	2.9E-06	1.3E+01	2.0E-03	1.0E-03	2.8E-05	1.6E-01	6.7E-01	2.9E-06
741	2.72	2.7E-06	1.2E+01	2.0E-03	1.0E-03	2.6E-05	1.6E-01	6.7E-01	2.7E-06
742	2.51	2.5E-06	1.1E+01	2.0E-03	1.0E-03	2.4E-05	1.6E-01	6.7E-01	2.5E-06
743	2.28	2.3E-06	1.0E+01	2.0E-03	1.0E-03	2.2E-05	1.6E-01	6.7E-01	2.3E-06
744	2.06	2.1E-06	9.2E+00	2.0E-03	1.0E-03	2.0E-05	1.6E-01	6.7E-01	2.1E-06
745	1.85	1.9E-06	8.3E+00	2.0E-03	1.0E-03	1.8E-05	1.6E-01	6.7E-01	1.9E-06
746	1.66	1.7E-06	7.4E+00	2.0E-03	1.0E-03	1.6E-05	1.6E-01	6.7E-01	1.7E-06
747	1.49	1.5E-06	6.7E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.5E-06
748	1.34	1.3E-06	6.0E+00	2.0E-03	1.0E-03	1.3E-05	1.6E-01	6.7E-01	1.3E-06
749	1.21	1.2E-06	5.4E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.2E-06
750	1.10	1.1E-06	4.9E+00	2.0E-03	1.0E-03	1.0E-05	1.6E-01	6.7E-01	1.1E-06
751	1.00	1.0E-06	4.5E+00	2.0E-03	1.0E-03	9.5E-06	1.6E-01	6.7E-01	1.0E-06
752	0.91	9.1E-07	4.1E+00	2.0E-03	1.0E-03	8.6E-06	1.6E-01	6.7E-01	9.1E-07
753	0.83	8.3E-07	3.7E+00	2.0E-03	1.0E-03	7.9E-06	1.6E-01	6.7E-01	8.3E-07
754	0.76	7.6E-07	3.4E+00	2.0E-03	1.0E-03	7.2E-06	1.6E-01	6.7E-01	7.6E-07
755	1.00	1.0E-06	4.5E+00	2.0E-03	1.0E-03	9.5E-06	1.6E-01	6.7E-01	1.0E-06
756	1.13	1.1E-06	5.1E+00	2.0E-03	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.1E-06
757	1.29	1.3E-06	5.8E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.3E-06
758	1.46	1.5E-06	6.5E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.5E-06
759	1.66	1.7E-06	7.4E+00	2.0E-03	1.0E-03	1.6E-05	1.6E-01	6.7E-01	1.7E-06
760	1.86	1.9E-06	8.3E+00	2.0E-03	1.0E-03	1.8E-05	1.6E-01	6.7E-01	1.9E-06
761	2.05	2.1E-06	9.2E+00	2.0E-03	1.0E-03	2.0E-05	1.6E-01	6.7E-01	2.0E-06
762	2.22	2.2E-06	9.9E+00	2.0E-03	1.0E-03	2.1E-05	1.6E-01	6.7E-01	2.2E-06
763	2.35	2.4E-06	1.1E+01	2.0E-03	1.0E-03	2.2E-05	1.6E-01	6.7E-01	2.4E-06
764	2.42	2.4E-06	1.1E+01	2.0E-03	1.0E-03	2.3E-05	1.6E-01	6.7E-01	2.4E-06
765	2.43	2.4E-06	1.1E+01	2.0E-03	1.0E-03	2.3E-05	1.6E-01	6.7E-01	2.4E-06
766	2.37	2.4E-06	1.1E+01	2.0E-03	1.0E-03	2.3E-05	1.6E-01	6.7E-01	2.4E-06
767	2.26	2.3E-06	1.0E+01	2.0E-03	1.0E-03	2.1E-05	1.6E-01	6.7E-01	2.3E-06
768	2.12	2.1E-06	9.5E+00	2.0E-03	1.0E-03	2.0E-05	1.6E-01	6.7E-01	2.1E-06
769	1.96	2.0E-06	8.8E+00	2.0E-03	1.0E-03	1.9E-05	1.6E-01	6.7E-01	2.0E-06
770	1.80	1.8E-06	8.0E+00	2.0E-03	1.0E-03	1.7E-05	1.6E-01	6.7E-01	1.8E-06
771	1.64	1.6E-06	7.3E+00	2.0E-03	1.0E-03	1.6E-05	1.6E-01	6.7E-01	1.6E-06
772	1.49	1.5E-06	6.7E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.5E-06
773	1.36	1.4E-06	6.1E+00	2.0E-03	1.0E-03	1.3E-05	1.6E-01	6.7E-01	1.4E-06
774	1.23	1.2E-06	5.5E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.2E-06

Franklin School Project
Risk From Modernization Const - Unmitigated Residential

	7.80	Max					Onsite		
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
775	1.11	1.1E-06	5.0E+00	2.0E-03	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.1E-06
776	1.02	1.0E-06	4.5E+00	2.0E-03	1.0E-03	9.7E-06	1.6E-01	6.7E-01	1.0E-06
777	0.93	9.3E-07	4.2E+00	2.0E-03	1.0E-03	8.8E-06	1.6E-01	6.7E-01	9.3E-07
778	0.85	8.5E-07	3.8E+00	2.0E-03	1.0E-03	8.1E-06	1.6E-01	6.7E-01	8.5E-07
779	0.78	7.8E-07	3.5E+00	2.0E-03	1.0E-03	7.4E-06	1.6E-01	6.7E-01	7.8E-07
780	0.72	7.2E-07	3.2E+00	2.0E-03	1.0E-03	6.8E-06	1.6E-01	6.7E-01	7.2E-07
781	0.90	9.0E-07	4.0E+00	2.0E-03	1.0E-03	8.6E-06	1.6E-01	6.7E-01	9.0E-07
782	1.01	1.0E-06	4.5E+00	2.0E-03	1.0E-03	9.6E-06	1.6E-01	6.7E-01	1.0E-06
783	1.14	1.1E-06	5.1E+00	2.0E-03	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.1E-06
784	1.27	1.3E-06	5.7E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.3E-06
785	1.42	1.4E-06	6.3E+00	2.0E-03	1.0E-03	1.3E-05	1.6E-01	6.7E-01	1.4E-06
786	1.57	1.6E-06	7.0E+00	2.0E-03	1.0E-03	1.5E-05	1.6E-01	6.7E-01	1.6E-06
787	1.71	1.7E-06	7.6E+00	2.0E-03	1.0E-03	1.6E-05	1.6E-01	6.7E-01	1.7E-06
788	1.83	1.8E-06	8.2E+00	2.0E-03	1.0E-03	1.7E-05	1.6E-01	6.7E-01	1.8E-06
789	1.93	1.9E-06	8.6E+00	2.0E-03	1.0E-03	1.8E-05	1.6E-01	6.7E-01	1.9E-06
790	1.98	2.0E-06	8.9E+00	2.0E-03	1.0E-03	1.9E-05	1.6E-01	6.7E-01	2.0E-06
791	2.00	2.0E-06	8.9E+00	2.0E-03	1.0E-03	1.9E-05	1.6E-01	6.7E-01	2.0E-06
792	1.97	2.0E-06	8.8E+00	2.0E-03	1.0E-03	1.9E-05	1.6E-01	6.7E-01	2.0E-06
793	1.90	1.9E-06	8.5E+00	2.0E-03	1.0E-03	1.8E-05	1.6E-01	6.7E-01	1.9E-06
794	1.81	1.8E-06	8.1E+00	2.0E-03	1.0E-03	1.7E-05	1.6E-01	6.7E-01	1.8E-06
795	1.70	1.7E-06	7.6E+00	2.0E-03	1.0E-03	1.6E-05	1.6E-01	6.7E-01	1.7E-06
796	1.58	1.6E-06	7.1E+00	2.0E-03	1.0E-03	1.5E-05	1.6E-01	6.7E-01	1.6E-06
797	1.46	1.5E-06	6.5E+00	2.0E-03	1.0E-03	1.4E-05	1.6E-01	6.7E-01	1.5E-06
798	1.34	1.3E-06	6.0E+00	2.0E-03	1.0E-03	1.3E-05	1.6E-01	6.7E-01	1.3E-06
799	1.23	1.2E-06	5.5E+00	2.0E-03	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.2E-06
800	1.12	1.1E-06	5.0E+00	2.0E-03	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.1E-06
801	1.03	1.0E-06	4.6E+00	2.0E-03	1.0E-03	9.8E-06	1.6E-01	6.7E-01	1.0E-06
802	0.94	9.4E-07	4.2E+00	2.0E-03	1.0E-03	9.0E-06	1.6E-01	6.7E-01	9.4E-07
803	0.87	8.7E-07	3.9E+00	2.0E-03	1.0E-03	8.3E-06	1.6E-01	6.7E-01	8.7E-07
804	0.80	8.0E-07	3.6E+00	2.0E-03	1.0E-03	7.6E-06	1.6E-01	6.7E-01	8.0E-07
805	0.74	7.4E-07	3.3E+00	2.0E-03	1.0E-03	7.0E-06	1.6E-01	6.7E-01	7.4E-07
806	0.68	6.8E-07	3.0E+00	2.0E-03	1.0E-03	6.5E-06	1.6E-01	6.7E-01	6.8E-07

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
1	3.2E-01	2.4E-07	1.0E-03	8.2E-11	1.6E-01	6.7E-01	8.6E-12	3.4E-01	7.7E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.9E-11
2	3.6E-01	2.4E-07	1.0E-03	9.3E-11	1.6E-01	6.7E-01	9.8E-12	3.9E-01	7.7E-07	1.0E-03	3.2E-10	1.6E-01	6.7E-01	3.3E-11
3	4.1E-01	2.4E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11	4.5E-01	7.7E-07	1.0E-03	3.6E-10	1.6E-01	6.7E-01	3.8E-11
4	4.6E-01	2.4E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11	5.2E-01	7.7E-07	1.0E-03	4.2E-10	1.6E-01	6.7E-01	4.4E-11
5	5.1E-01	2.4E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11	5.8E-01	7.7E-07	1.0E-03	4.7E-10	1.6E-01	6.7E-01	4.9E-11
6	5.5E-01	2.4E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11	6.5E-01	7.7E-07	1.0E-03	5.2E-10	1.6E-01	6.7E-01	5.5E-11
7	6.0E-01	2.4E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11	7.1E-01	7.7E-07	1.0E-03	5.7E-10	1.6E-01	6.7E-01	6.0E-11
8	6.4E-01	2.4E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11	7.7E-01	7.7E-07	1.0E-03	6.2E-10	1.6E-01	6.7E-01	6.5E-11
9	6.9E-01	2.4E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11	8.4E-01	7.7E-07	1.0E-03	6.8E-10	1.6E-01	6.7E-01	7.1E-11
10	7.5E-01	2.4E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11	9.2E-01	7.7E-07	1.0E-03	7.4E-10	1.6E-01	6.7E-01	7.8E-11
11	8.0E-01	2.4E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.2E-11	9.9E-01	7.7E-07	1.0E-03	8.0E-10	1.6E-01	6.7E-01	8.4E-11
12	8.4E-01	2.4E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.3E-11	1.0E+00	7.7E-07	1.0E-03	8.4E-10	1.6E-01	6.7E-01	8.8E-11
13	8.5E-01	2.4E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11	1.0E+00	7.7E-07	1.0E-03	8.4E-10	1.6E-01	6.7E-01	8.8E-11
14	8.3E-01	2.4E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.2E-11	1.0E+00	7.7E-07	1.0E-03	8.2E-10	1.6E-01	6.7E-01	8.6E-11
15	7.9E-01	2.4E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11	9.5E-01	7.7E-07	1.0E-03	7.7E-10	1.6E-01	6.7E-01	8.1E-11
16	7.4E-01	2.4E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11	8.8E-01	7.7E-07	1.0E-03	7.1E-10	1.6E-01	6.7E-01	7.4E-11
17	3.8E-01	2.4E-07	1.0E-03	9.6E-11	1.6E-01	6.7E-01	1.0E-11	3.9E-01	7.7E-07	1.0E-03	3.2E-10	1.6E-01	6.7E-01	3.3E-11
18	4.4E-01	2.4E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11	4.7E-01	7.7E-07	1.0E-03	3.8E-10	1.6E-01	6.7E-01	3.9E-11
19	5.1E-01	2.4E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11	5.5E-01	7.7E-07	1.0E-03	4.5E-10	1.6E-01	6.7E-01	4.7E-11
20	5.8E-01	2.4E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11	6.5E-01	7.7E-07	1.0E-03	5.3E-10	1.6E-01	6.7E-01	5.6E-11
21	6.6E-01	2.4E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11	7.6E-01	7.7E-07	1.0E-03	6.2E-10	1.6E-01	6.7E-01	6.5E-11
22	7.3E-01	2.4E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11	8.7E-01	7.7E-07	1.0E-03	7.0E-10	1.6E-01	6.7E-01	7.4E-11
23	8.0E-01	2.4E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11	9.7E-01	7.7E-07	1.0E-03	7.9E-10	1.6E-01	6.7E-01	8.3E-11
24	8.7E-01	2.4E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.4E-11	1.1E+00	7.7E-07	1.0E-03	8.8E-10	1.6E-01	6.7E-01	9.2E-11
25	9.6E-01	2.4E-07	1.0E-03	2.5E-10	1.6E-01	6.7E-01	2.6E-11	1.2E+00	7.7E-07	1.0E-03	9.8E-10	1.6E-01	6.7E-01	1.0E-10
26	1.1E+00	2.4E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.8E-11	1.3E+00	7.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10
27	1.1E+00	2.4E-07	1.0E-03	2.8E-10	1.6E-01	6.7E-01	3.0E-11	1.4E+00	7.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10
28	1.1E+00	2.4E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.0E-11	1.4E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10
29	1.1E+00	2.4E-07	1.0E-03	2.8E-10	1.6E-01	6.7E-01	3.0E-11	1.4E+00	7.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10
30	1.0E+00	2.4E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.8E-11	1.3E+00	7.7E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10
31	9.6E-01	2.4E-07	1.0E-03	2.5E-10	1.6E-01	6.7E-01	2.6E-11	1.2E+00	7.7E-07	1.0E-03	9.3E-10	1.6E-01	6.7E-01	9.8E-11
32	8.7E-01	2.4E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11	1.0E+00	7.7E-07	1.0E-03	8.2E-10	1.6E-01	6.7E-01	8.6E-11
33	4.4E-01	2.4E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11	4.5E-01	7.7E-07	1.0E-03	3.7E-10	1.6E-01	6.7E-01	3.9E-11
34	5.3E-01	2.4E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11	5.6E-01	7.7E-07	1.0E-03	4.5E-10	1.6E-01	6.7E-01	4.7E-11
35	6.3E-01	2.4E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11	6.9E-01	7.7E-07	1.0E-03	5.5E-10	1.6E-01	6.7E-01	5.8E-11
36	7.6E-01	2.4E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11	8.5E-01	7.7E-07	1.0E-03	6.9E-10	1.6E-01	6.7E-01	7.2E-11
37	8.9E-01	2.4E-07	1.0E-03	2.3E-10	1.6E-01	6.7E-01	2.4E-11	1.0E+00	7.7E-07	1.0E-03	8.4E-10	1.6E-01	6.7E-01	8.8E-11
38	1.0E+00	2.4E-07	1.0E-03	2.6E-10	1.6E-01	6.7E-01	2.7E-11	1.2E+00	7.7E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10
39	1.1E+00	2.4E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.0E-11	1.4E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10
40	1.3E+00	2.4E-07	1.0E-03	3.2E-10	1.6E-01	6.7E-01	3.4E-11	1.6E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10
41	1.4E+00	2.4E-07	1.0E-03	3.6E-10	1.6E-01	6.7E-01	3.8E-11	1.9E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
42	1.5E+00	2.4E-07	1.0E-03	3.9E-10	1.6E-01	6.7E-01	4.1E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.7E-10
43	1.6E+00	2.4E-07	1.0E-03	4.0E-10	1.6E-01	6.7E-01	4.3E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
44	1.5E+00	2.4E-07	1.0E-03	3.9E-10	1.6E-01	6.7E-01	4.1E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
45	1.4E+00	2.4E-07	1.0E-03	3.6E-10	1.6E-01	6.7E-01	3.8E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10
46	1.3E+00	2.4E-07	1.0E-03	3.3E-10	1.6E-01	6.7E-01	3.4E-11	1.6E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10
47	1.1E+00	2.4E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.0E-11	1.3E+00	7.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10
48	9.8E-01	2.4E-07	1.0E-03	2.5E-10	1.6E-01	6.7E-01	2.6E-11	1.1E+00	7.7E-07	1.0E-03	9.2E-10	1.6E-01	6.7E-01	9.7E-11
49	5.2E-01	2.4E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11	5.2E-01	7.7E-07	1.0E-03	4.2E-10	1.6E-01	6.7E-01	4.4E-11
50	6.4E-01	2.4E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11	6.6E-01	7.7E-07	1.0E-03	5.3E-10	1.6E-01	6.7E-01	5.6E-11
51	8.1E-01	2.4E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.2E-11	8.6E-01	7.7E-07	1.0E-03	6.9E-10	1.6E-01	6.7E-01	7.3E-11
52	1.0E+00	2.4E-07	1.0E-03	2.6E-10	1.6E-01	6.7E-01	2.7E-11	1.1E+00	7.7E-07	1.0E-03	9.1E-10	1.6E-01	6.7E-01	9.6E-11
53	1.3E+00	2.4E-07	1.0E-03	3.2E-10	1.6E-01	6.7E-01	3.4E-11	1.5E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10
54	1.5E+00	2.4E-07	1.0E-03	3.8E-10	1.6E-01	6.7E-01	4.0E-11	1.9E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
55	1.7E+00	2.4E-07	1.0E-03	4.5E-10	1.6E-01	6.7E-01	4.7E-11	2.3E+00	7.7E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10
56	2.0E+00	2.4E-07	1.0E-03	5.2E-10	1.6E-01	6.7E-01	5.4E-11	2.8E+00	7.7E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.4E-10
57	2.3E+00	2.4E-07	1.0E-03	5.8E-10	1.6E-01	6.7E-01	6.1E-11	3.2E+00	7.7E-07	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10
58	2.4E+00	2.4E-07	1.0E-03	6.1E-10	1.6E-01	6.7E-01	6.4E-11	3.4E+00	7.7E-07	1.0E-03	2.7E-09	1.6E-01	6.7E-01	2.8E-10
59	2.3E+00	2.4E-07	1.0E-03	5.8E-10	1.6E-01	6.7E-01	6.1E-11	3.1E+00	7.7E-07	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.7E-10
60	2.1E+00	2.4E-07	1.0E-03	5.3E-10	1.6E-01	6.7E-01	5.5E-11	2.7E+00	7.7E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10
61	1.8E+00	2.4E-07	1.0E-03	4.6E-10	1.6E-01	6.7E-01	4.8E-11	2.3E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
62	1.5E+00	2.4E-07	1.0E-03	3.9E-10	1.6E-01	6.7E-01	4.1E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
63	1.3E+00	2.4E-07	1.0E-03	3.3E-10	1.6E-01	6.7E-01	3.4E-11	1.5E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10
64	1.1E+00	2.4E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.9E-11	1.2E+00	7.7E-07	1.0E-03	9.8E-10	1.6E-01	6.7E-01	1.0E-10
65	6.0E-01	2.4E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11	5.9E-01	7.7E-07	1.0E-03	4.8E-10	1.6E-01	6.7E-01	5.0E-11
66	7.8E-01	2.4E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11	7.8E-01	7.7E-07	1.0E-03	6.3E-10	1.6E-01	6.7E-01	6.6E-11
67	1.0E+00	2.4E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.8E-11	1.1E+00	7.7E-07	1.0E-03	8.6E-10	1.6E-01	6.7E-01	9.1E-11
68	1.4E+00	2.4E-07	1.0E-03	3.6E-10	1.6E-01	6.7E-01	3.8E-11	1.5E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10
69	1.9E+00	2.4E-07	1.0E-03	4.9E-10	1.6E-01	6.7E-01	5.1E-11	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
70	2.5E+00	2.4E-07	1.0E-03	6.3E-10	1.6E-01	6.7E-01	6.6E-11	3.3E+00	7.7E-07	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.8E-10
71	3.0E+00	2.4E-07	1.0E-03	7.8E-10	1.6E-01	6.7E-01	8.2E-11	4.5E+00	7.7E-07	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.8E-10
72	3.6E+00	2.4E-07	1.0E-03	9.3E-10	1.6E-01	6.7E-01	9.8E-11	5.6E+00	7.7E-07	1.0E-03	4.6E-09	1.6E-01	6.7E-01	4.8E-10
73	3.9E+00	2.4E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	6.2E+00	7.7E-07	1.0E-03	5.0E-09	1.6E-01	6.7E-01	5.3E-10
74	3.7E+00	2.4E-07	1.0E-03	9.5E-10	1.6E-01	6.7E-01	1.0E-10	5.6E+00	7.7E-07	1.0E-03	4.5E-09	1.6E-01	6.7E-01	4.8E-10
75	3.2E+00	2.4E-07	1.0E-03	8.2E-10	1.6E-01	6.7E-01	8.6E-11	4.5E+00	7.7E-07	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.8E-10
76	2.6E+00	2.4E-07	1.0E-03	6.7E-10	1.6E-01	6.7E-01	7.1E-11	3.4E+00	7.7E-07	1.0E-03	2.8E-09	1.6E-01	6.7E-01	2.9E-10
77	2.1E+00	2.4E-07	1.0E-03	5.4E-10	1.6E-01	6.7E-01	5.7E-11	2.6E+00	7.7E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10
78	1.7E+00	2.4E-07	1.0E-03	4.3E-10	1.6E-01	6.7E-01	4.5E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
79	1.4E+00	2.4E-07	1.0E-03	3.5E-10	1.6E-01	6.7E-01	3.7E-11	1.5E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10
80	1.1E+00	2.4E-07	1.0E-03	2.8E-10	1.6E-01	6.7E-01	3.0E-11	1.2E+00	7.7E-07	1.0E-03	9.9E-10	1.6E-01	6.7E-01	1.0E-10
81	6.8E-01	2.4E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.8E-11	6.5E-01	7.7E-07	1.0E-03	5.2E-10	1.6E-01	6.7E-01	5.5E-11
82	9.3E-01	2.4E-07	1.0E-03	2.4E-10	1.6E-01	6.7E-01	2.5E-11	8.8E-01	7.7E-07	1.0E-03	7.1E-10	1.6E-01	6.7E-01	7.5E-11
83	1.3E+00	2.4E-07	1.0E-03	3.4E-10	1.6E-01	6.7E-01	3.5E-11	1.3E+00	7.7E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10
84	2.0E+00	2.4E-07	1.0E-03	5.1E-10	1.6E-01	6.7E-01	5.3E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
85	3.1E+00	2.4E-07	1.0E-03	7.9E-10	1.6E-01	6.7E-01	8.3E-11	3.5E+00	7.7E-07	1.0E-03	2.8E-09	1.6E-01	6.7E-01	2.9E-10
86	4.8E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	6.5E+00	7.7E-07	1.0E-03	5.2E-09	1.6E-01	6.7E-01	5.5E-10

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
87	6.6E+00	2.4E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	1.1E+01	7.7E-07	1.0E-03	9.1E-09	1.6E-01	6.7E-01	9.6E-10
88	7.9E+00	2.4E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	1.5E+01	7.7E-07	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.3E-09
89	7.2E+00	2.4E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	1.3E+01	7.7E-07	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09
90	5.6E+00	2.4E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10	8.7E+00	7.7E-07	1.0E-03	7.1E-09	1.6E-01	6.7E-01	7.4E-10
91	4.2E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10	5.7E+00	7.7E-07	1.0E-03	4.6E-09	1.6E-01	6.7E-01	4.9E-10
92	3.1E+00	2.4E-07	1.0E-03	7.9E-10	1.6E-01	6.7E-01	8.3E-11	3.9E+00	7.7E-07	1.0E-03	3.1E-09	1.6E-01	6.7E-01	3.3E-10
93	2.3E+00	2.4E-07	1.0E-03	5.9E-10	1.6E-01	6.7E-01	6.2E-11	2.7E+00	7.7E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10
94	1.8E+00	2.4E-07	1.0E-03	4.5E-10	1.6E-01	6.7E-01	4.7E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
95	1.4E+00	2.4E-07	1.0E-03	3.5E-10	1.6E-01	6.7E-01	3.7E-11	1.5E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10
96	1.1E+00	2.4E-07	1.0E-03	2.8E-10	1.6E-01	6.7E-01	2.9E-11	1.2E+00	7.7E-07	1.0E-03	9.3E-10	1.6E-01	6.7E-01	9.8E-11
97	7.5E-01	2.4E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11	6.8E-01	7.7E-07	1.0E-03	5.5E-10	1.6E-01	6.7E-01	5.8E-11
98	1.1E+00	2.4E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.8E-11	9.5E-01	7.7E-07	1.0E-03	7.7E-10	1.6E-01	6.7E-01	8.0E-11
99	1.6E+00	2.4E-07	1.0E-03	4.1E-10	1.6E-01	6.7E-01	4.3E-11	1.4E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10
100	2.7E+00	2.4E-07	1.0E-03	6.9E-10	1.6E-01	6.7E-01	7.3E-11	2.5E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
101	5.2E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	5.0E+00	7.7E-07	1.0E-03	4.0E-09	1.6E-01	6.7E-01	4.3E-10
102	1.2E+01	2.4E-07	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.1E-10	1.4E+01	7.7E-07	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.2E-09
103	2.3E+01	2.4E-07	1.0E-03	6.0E-09	1.6E-01	6.7E-01	6.3E-10	5.4E+01	7.7E-07	1.0E-03	4.3E-08	1.6E-01	6.7E-01	4.6E-09
104	2.0E+01	2.4E-07	1.0E-03	5.1E-09	1.6E-01	6.7E-01	5.4E-10	6.1E+01	7.7E-07	1.0E-03	4.9E-08	1.6E-01	6.7E-01	5.1E-09
105	1.2E+01	2.4E-07	1.0E-03	3.1E-09	1.6E-01	6.7E-01	3.3E-10	2.4E+01	7.7E-07	1.0E-03	1.9E-08	1.6E-01	6.7E-01	2.0E-09
106	7.4E+00	2.4E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	1.1E+01	7.7E-07	1.0E-03	8.8E-09	1.6E-01	6.7E-01	9.3E-10
107	4.7E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	6.0E+00	7.7E-07	1.0E-03	4.9E-09	1.6E-01	6.7E-01	5.1E-10
108	3.2E+00	2.4E-07	1.0E-03	8.2E-10	1.6E-01	6.7E-01	8.6E-11	3.8E+00	7.7E-07	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.2E-10
109	2.3E+00	2.4E-07	1.0E-03	5.8E-10	1.6E-01	6.7E-01	6.1E-11	2.5E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
110	1.7E+00	2.4E-07	1.0E-03	4.3E-10	1.6E-01	6.7E-01	4.5E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10
111	1.3E+00	2.4E-07	1.0E-03	3.3E-10	1.6E-01	6.7E-01	3.5E-11	1.3E+00	7.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10
112	1.0E+00	2.4E-07	1.0E-03	2.6E-10	1.6E-01	6.7E-01	2.7E-11	1.0E+00	7.7E-07	1.0E-03	8.4E-10	1.6E-01	6.7E-01	8.8E-11
113	7.9E-01	2.4E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11	6.9E-01	7.7E-07	1.0E-03	5.5E-10	1.6E-01	6.7E-01	5.8E-11
114	1.1E+00	2.4E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.1E-11	9.7E-01	7.7E-07	1.0E-03	7.8E-10	1.6E-01	6.7E-01	8.2E-11
115	1.8E+00	2.4E-07	1.0E-03	4.6E-10	1.6E-01	6.7E-01	4.9E-11	1.5E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10
116	3.3E+00	2.4E-07	1.0E-03	8.4E-10	1.6E-01	6.7E-01	8.8E-11	2.6E+00	7.7E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10
117	7.6E+00	2.4E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	5.5E+00	7.7E-07	1.0E-03	4.4E-09	1.6E-01	6.7E-01	4.6E-10
118	7.7E+00	2.4E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	9.6E+00	7.7E-07	1.0E-03	7.7E-09	1.6E-01	6.7E-01	8.1E-10
119	4.5E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10	5.1E+00	7.7E-07	1.0E-03	4.1E-09	1.6E-01	6.7E-01	4.3E-10
120	3.0E+00	2.4E-07	1.0E-03	7.6E-10	1.6E-01	6.7E-01	7.9E-11	3.2E+00	7.7E-07	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10
121	2.1E+00	2.4E-07	1.0E-03	5.3E-10	1.6E-01	6.7E-01	5.5E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
122	1.5E+00	2.4E-07	1.0E-03	3.9E-10	1.6E-01	6.7E-01	4.0E-11	1.5E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10
123	1.1E+00	2.4E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.1E-11	1.2E+00	7.7E-07	1.0E-03	9.4E-10	1.6E-01	6.7E-01	9.9E-11
124	9.0E-01	2.4E-07	1.0E-03	2.3E-10	1.6E-01	6.7E-01	2.4E-11	9.0E-01	7.7E-07	1.0E-03	7.3E-10	1.6E-01	6.7E-01	7.7E-11
125	7.8E-01	2.4E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11	6.6E-01	7.7E-07	1.0E-03	5.3E-10	1.6E-01	6.7E-01	5.6E-11
126	1.1E+00	2.4E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.0E-11	9.1E-01	7.7E-07	1.0E-03	7.4E-10	1.6E-01	6.7E-01	7.7E-11
127	1.8E+00	2.4E-07	1.0E-03	4.6E-10	1.6E-01	6.7E-01	4.8E-11	1.4E+00	7.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10
128	3.3E+00	2.4E-07	1.0E-03	8.4E-10	1.6E-01	6.7E-01	8.8E-11	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
129	7.4E+00	2.4E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	4.1E+00	7.7E-07	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.5E-10

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
130	6.3E+00	2.4E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	6.4E+00	7.7E-07	1.0E-03	5.2E-09	1.6E-01	6.7E-01	5.5E-10
131	3.7E+00	2.4E-07	1.0E-03	9.6E-10	1.6E-01	6.7E-01	1.0E-10	3.9E+00	7.7E-07	1.0E-03	3.1E-09	1.6E-01	6.7E-01	3.3E-10
132	2.4E+00	2.4E-07	1.0E-03	6.2E-10	1.6E-01	6.7E-01	6.6E-11	2.5E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
133	1.7E+00	2.4E-07	1.0E-03	4.5E-10	1.6E-01	6.7E-01	4.7E-11	1.8E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
134	1.3E+00	2.4E-07	1.0E-03	3.3E-10	1.6E-01	6.7E-01	3.5E-11	1.3E+00	7.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10
135	9.9E-01	2.4E-07	1.0E-03	2.5E-10	1.6E-01	6.7E-01	2.7E-11	9.9E-01	7.7E-07	1.0E-03	8.0E-10	1.6E-01	6.7E-01	8.4E-11
136	7.8E-01	2.4E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11	7.8E-01	7.7E-07	1.0E-03	6.3E-10	1.6E-01	6.7E-01	6.7E-11
137	7.4E-01	2.4E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11	6.1E-01	7.7E-07	1.0E-03	4.9E-10	1.6E-01	6.7E-01	5.2E-11
138	1.0E+00	2.4E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.8E-11	8.2E-01	7.7E-07	1.0E-03	6.6E-10	1.6E-01	6.7E-01	6.9E-11
139	1.6E+00	2.4E-07	1.0E-03	4.0E-10	1.6E-01	6.7E-01	4.2E-11	1.1E+00	7.7E-07	1.0E-03	9.3E-10	1.6E-01	6.7E-01	9.7E-11
140	2.7E+00	2.4E-07	1.0E-03	6.9E-10	1.6E-01	6.7E-01	7.2E-11	1.7E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
141	5.0E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10	2.7E+00	7.7E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10
142	4.5E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10	4.2E+00	7.7E-07	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.5E-10
143	2.9E+00	2.4E-07	1.0E-03	7.3E-10	1.6E-01	6.7E-01	7.7E-11	2.8E+00	7.7E-07	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10
144	2.0E+00	2.4E-07	1.0E-03	5.0E-10	1.6E-01	6.7E-01	5.3E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
145	1.5E+00	2.4E-07	1.0E-03	3.7E-10	1.6E-01	6.7E-01	3.9E-11	1.5E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10
146	1.1E+00	2.4E-07	1.0E-03	2.8E-10	1.6E-01	6.7E-01	3.0E-11	1.1E+00	7.7E-07	1.0E-03	9.0E-10	1.6E-01	6.7E-01	9.5E-11
147	8.6E-01	2.4E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11	8.7E-01	7.7E-07	1.0E-03	7.0E-10	1.6E-01	6.7E-01	7.4E-11
148	6.9E-01	2.4E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.8E-11	6.9E-01	7.7E-07	1.0E-03	5.6E-10	1.6E-01	6.7E-01	5.9E-11
149	6.7E-01	2.4E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11	5.4E-01	7.7E-07	1.0E-03	4.4E-10	1.6E-01	6.7E-01	4.6E-11
150	9.0E-01	2.4E-07	1.0E-03	2.3E-10	1.6E-01	6.7E-01	2.4E-11	7.0E-01	7.7E-07	1.0E-03	5.6E-10	1.6E-01	6.7E-01	5.9E-11
151	1.3E+00	2.4E-07	1.0E-03	3.3E-10	1.6E-01	6.7E-01	3.5E-11	9.4E-01	7.7E-07	1.0E-03	7.6E-10	1.6E-01	6.7E-01	8.0E-11
152	2.0E+00	2.4E-07	1.0E-03	5.0E-10	1.6E-01	6.7E-01	5.3E-11	1.3E+00	7.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10
153	3.1E+00	2.4E-07	1.0E-03	8.0E-10	1.6E-01	6.7E-01	8.4E-11	1.9E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
154	3.3E+00	2.4E-07	1.0E-03	8.5E-10	1.6E-01	6.7E-01	9.0E-11	3.0E+00	7.7E-07	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10
155	2.3E+00	2.4E-07	1.0E-03	5.8E-10	1.6E-01	6.7E-01	6.1E-11	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
156	1.6E+00	2.4E-07	1.0E-03	4.1E-10	1.6E-01	6.7E-01	4.3E-11	1.6E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10
157	1.2E+00	2.4E-07	1.0E-03	3.2E-10	1.6E-01	6.7E-01	3.4E-11	1.3E+00	7.7E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10
158	9.6E-01	2.4E-07	1.0E-03	2.5E-10	1.6E-01	6.7E-01	2.6E-11	9.8E-01	7.7E-07	1.0E-03	7.9E-10	1.6E-01	6.7E-01	8.3E-11
159	7.6E-01	2.4E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11	7.8E-01	7.7E-07	1.0E-03	6.3E-10	1.6E-01	6.7E-01	6.6E-11
160	6.1E-01	2.4E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.6E-11	6.3E-01	7.7E-07	1.0E-03	5.1E-10	1.6E-01	6.7E-01	5.3E-11
161	5.9E-01	2.4E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11	4.7E-01	7.7E-07	1.0E-03	3.8E-10	1.6E-01	6.7E-01	4.0E-11
162	7.6E-01	2.4E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11	5.9E-01	7.7E-07	1.0E-03	4.8E-10	1.6E-01	6.7E-01	5.0E-11
163	1.0E+00	2.4E-07	1.0E-03	2.6E-10	1.6E-01	6.7E-01	2.7E-11	7.6E-01	7.7E-07	1.0E-03	6.1E-10	1.6E-01	6.7E-01	6.4E-11
164	1.4E+00	2.4E-07	1.0E-03	3.7E-10	1.6E-01	6.7E-01	3.8E-11	1.0E+00	7.7E-07	1.0E-03	8.1E-10	1.6E-01	6.7E-01	8.5E-11
165	2.1E+00	2.4E-07	1.0E-03	5.4E-10	1.6E-01	6.7E-01	5.7E-11	1.4E+00	7.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10
166	2.9E+00	2.4E-07	1.0E-03	7.5E-10	1.6E-01	6.7E-01	7.9E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10
167	3.6E+00	2.4E-07	1.0E-03	9.2E-10	1.6E-01	6.7E-01	9.6E-11	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
168	3.6E+00	2.4E-07	1.0E-03	9.3E-10	1.6E-01	6.7E-01	9.8E-11	2.5E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
169	3.1E+00	2.4E-07	1.0E-03	8.1E-10	1.6E-01	6.7E-01	8.5E-11	2.4E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.0E-10
170	2.5E+00	2.4E-07	1.0E-03	6.3E-10	1.6E-01	6.7E-01	6.6E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
171	1.9E+00	2.4E-07	1.0E-03	4.8E-10	1.6E-01	6.7E-01	5.0E-11	1.7E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
172	1.3E+00	2.4E-07	1.0E-03	3.4E-10	1.6E-01	6.7E-01	3.6E-11	1.3E+00	7.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
173	1.0E+00	2.4E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.8E-11	1.1E+00	7.7E-07	1.0E-03	8.5E-10	1.6E-01	6.7E-01	8.9E-11
174	8.5E-01	2.4E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11	8.7E-01	7.7E-07	1.0E-03	7.1E-10	1.6E-01	6.7E-01	7.4E-11
175	6.8E-01	2.4E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.8E-11	7.0E-01	7.7E-07	1.0E-03	5.7E-10	1.6E-01	6.7E-01	6.0E-11
176	5.6E-01	2.4E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11	5.7E-01	7.7E-07	1.0E-03	4.6E-10	1.6E-01	6.7E-01	4.9E-11
177	5.1E-01	2.4E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11	4.1E-01	7.7E-07	1.0E-03	3.3E-10	1.6E-01	6.7E-01	3.5E-11
178	6.4E-01	2.4E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11	5.0E-01	7.7E-07	1.0E-03	4.1E-10	1.6E-01	6.7E-01	4.3E-11
179	8.2E-01	2.4E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.2E-11	6.2E-01	7.7E-07	1.0E-03	5.0E-10	1.6E-01	6.7E-01	5.3E-11
180	1.1E+00	2.4E-07	1.0E-03	2.8E-10	1.6E-01	6.7E-01	2.9E-11	8.0E-01	7.7E-07	1.0E-03	6.4E-10	1.6E-01	6.7E-01	6.7E-11
181	1.5E+00	2.4E-07	1.0E-03	3.8E-10	1.6E-01	6.7E-01	4.0E-11	1.0E+00	7.7E-07	1.0E-03	8.3E-10	1.6E-01	6.7E-01	8.7E-11
182	1.9E+00	2.4E-07	1.0E-03	4.8E-10	1.6E-01	6.7E-01	5.1E-11	1.3E+00	7.7E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10
183	2.2E+00	2.4E-07	1.0E-03	5.7E-10	1.6E-01	6.7E-01	5.9E-11	1.5E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10
184	2.3E+00	2.4E-07	1.0E-03	5.9E-10	1.6E-01	6.7E-01	6.2E-11	1.7E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10
185	2.2E+00	2.4E-07	1.0E-03	5.5E-10	1.6E-01	6.7E-01	5.8E-11	1.7E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.4E-10
186	1.8E+00	2.4E-07	1.0E-03	4.7E-10	1.6E-01	6.7E-01	4.9E-11	1.6E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10
187	1.5E+00	2.4E-07	1.0E-03	3.8E-10	1.6E-01	6.7E-01	4.0E-11	1.4E+00	7.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10
188	1.2E+00	2.4E-07	1.0E-03	3.0E-10	1.6E-01	6.7E-01	3.2E-11	1.1E+00	7.7E-07	1.0E-03	9.2E-10	1.6E-01	6.7E-01	9.6E-11
189	9.0E-01	2.4E-07	1.0E-03	2.3E-10	1.6E-01	6.7E-01	2.4E-11	9.0E-01	7.7E-07	1.0E-03	7.2E-10	1.6E-01	6.7E-01	7.6E-11
190	7.6E-01	2.4E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11	7.7E-01	7.7E-07	1.0E-03	6.2E-10	1.6E-01	6.7E-01	6.5E-11
191	6.3E-01	2.4E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11	6.4E-01	7.7E-07	1.0E-03	5.2E-10	1.6E-01	6.7E-01	5.4E-11
192	5.2E-01	2.4E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11	5.3E-01	7.7E-07	1.0E-03	4.3E-10	1.6E-01	6.7E-01	4.5E-11
193	4.4E-01	2.4E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11	3.6E-01	7.7E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.1E-11
194	5.4E-01	2.4E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11	4.3E-01	7.7E-07	1.0E-03	3.5E-10	1.6E-01	6.7E-01	3.7E-11
195	6.7E-01	2.4E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11	5.3E-01	7.7E-07	1.0E-03	4.2E-10	1.6E-01	6.7E-01	4.5E-11
196	8.6E-01	2.4E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11	6.5E-01	7.7E-07	1.0E-03	5.2E-10	1.6E-01	6.7E-01	5.5E-11
197	1.1E+00	2.4E-07	1.0E-03	2.8E-10	1.6E-01	6.7E-01	2.9E-11	8.0E-01	7.7E-07	1.0E-03	6.5E-10	1.6E-01	6.7E-01	6.8E-11
198	1.3E+00	2.4E-07	1.0E-03	3.4E-10	1.6E-01	6.7E-01	3.5E-11	9.6E-01	7.7E-07	1.0E-03	7.7E-10	1.6E-01	6.7E-01	8.1E-11
199	1.5E+00	2.4E-07	1.0E-03	3.8E-10	1.6E-01	6.7E-01	4.0E-11	1.1E+00	7.7E-07	1.0E-03	8.9E-10	1.6E-01	6.7E-01	9.3E-11
200	1.6E+00	2.4E-07	1.0E-03	4.1E-10	1.6E-01	6.7E-01	4.3E-11	1.2E+00	7.7E-07	1.0E-03	9.7E-10	1.6E-01	6.7E-01	1.0E-10
201	1.5E+00	2.4E-07	1.0E-03	3.9E-10	1.6E-01	6.7E-01	4.1E-11	1.2E+00	7.7E-07	1.0E-03	9.8E-10	1.6E-01	6.7E-01	1.0E-10
202	1.4E+00	2.4E-07	1.0E-03	3.5E-10	1.6E-01	6.7E-01	3.7E-11	1.2E+00	7.7E-07	1.0E-03	9.3E-10	1.6E-01	6.7E-01	9.8E-11
203	1.1E+00	2.4E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.1E-11	1.0E+00	7.7E-07	1.0E-03	8.3E-10	1.6E-01	6.7E-01	8.7E-11
204	9.7E-01	2.4E-07	1.0E-03	2.5E-10	1.6E-01	6.7E-01	2.6E-11	9.0E-01	7.7E-07	1.0E-03	7.3E-10	1.6E-01	6.7E-01	7.7E-11
205	8.0E-01	2.4E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.2E-11	7.8E-01	7.7E-07	1.0E-03	6.3E-10	1.6E-01	6.7E-01	6.6E-11
206	6.5E-01	2.4E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.7E-11	6.4E-01	7.7E-07	1.0E-03	5.2E-10	1.6E-01	6.7E-01	5.5E-11
207	5.7E-01	2.4E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.5E-11	5.7E-01	7.7E-07	1.0E-03	4.6E-10	1.6E-01	6.7E-01	4.9E-11
208	4.8E-01	2.4E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11	4.9E-01	7.7E-07	1.0E-03	3.9E-10	1.6E-01	6.7E-01	4.1E-11
209	3.8E-01	2.4E-07	1.0E-03	9.8E-11	1.6E-01	6.7E-01	1.0E-11	3.2E-01	7.7E-07	1.0E-03	2.6E-10	1.6E-01	6.7E-01	2.7E-11
210	4.6E-01	2.4E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11	3.7E-01	7.7E-07	1.0E-03	3.0E-10	1.6E-01	6.7E-01	3.2E-11
211	5.6E-01	2.4E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11	4.5E-01	7.7E-07	1.0E-03	3.6E-10	1.6E-01	6.7E-01	3.8E-11
212	6.8E-01	2.4E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.8E-11	5.3E-01	7.7E-07	1.0E-03	4.3E-10	1.6E-01	6.7E-01	4.5E-11
213	8.3E-01	2.4E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.2E-11	6.4E-01	7.7E-07	1.0E-03	5.1E-10	1.6E-01	6.7E-01	5.4E-11
214	9.7E-01	2.4E-07	1.0E-03	2.5E-10	1.6E-01	6.7E-01	2.6E-11	7.4E-01	7.7E-07	1.0E-03	6.0E-10	1.6E-01	6.7E-01	6.3E-11
215	1.1E+00	2.4E-07	1.0E-03	2.8E-10	1.6E-01	6.7E-01	2.9E-11	8.4E-01	7.7E-07	1.0E-03	6.8E-10	1.6E-01	6.7E-01	7.1E-11

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
216	1.1E+00	2.4E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.1E-11	9.0E-01	7.7E-07	1.0E-03	7.2E-10	1.6E-01	6.7E-01	7.6E-11
217	1.1E+00	2.4E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.0E-11	9.2E-01	7.7E-07	1.0E-03	7.4E-10	1.6E-01	6.7E-01	7.8E-11
218	1.1E+00	2.4E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.8E-11	8.9E-01	7.7E-07	1.0E-03	7.2E-10	1.6E-01	6.7E-01	7.6E-11
219	9.6E-01	2.4E-07	1.0E-03	2.4E-10	1.6E-01	6.7E-01	2.6E-11	8.4E-01	7.7E-07	1.0E-03	6.8E-10	1.6E-01	6.7E-01	7.1E-11
220	8.4E-01	2.4E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11	7.7E-01	7.7E-07	1.0E-03	6.2E-10	1.6E-01	6.7E-01	6.5E-11
221	7.2E-01	2.4E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11	6.8E-01	7.7E-07	1.0E-03	5.5E-10	1.6E-01	6.7E-01	5.8E-11
222	5.8E-01	2.4E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.5E-11	5.6E-01	7.7E-07	1.0E-03	4.5E-10	1.6E-01	6.7E-01	4.8E-11
223	4.9E-01	2.4E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11	4.9E-01	7.7E-07	1.0E-03	3.9E-10	1.6E-01	6.7E-01	4.1E-11
224	4.4E-01	2.4E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11	4.5E-01	7.7E-07	1.0E-03	3.6E-10	1.6E-01	6.7E-01	3.8E-11
225	3.4E-01	2.4E-07	1.0E-03	8.6E-11	1.6E-01	6.7E-01	9.0E-12	2.8E-01	7.7E-07	1.0E-03	2.3E-10	1.6E-01	6.7E-01	2.4E-11
226	4.0E-01	2.4E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11	3.3E-01	7.7E-07	1.0E-03	2.6E-10	1.6E-01	6.7E-01	2.8E-11
227	4.7E-01	2.4E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11	3.8E-01	7.7E-07	1.0E-03	3.1E-10	1.6E-01	6.7E-01	3.2E-11
228	5.6E-01	2.4E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11	4.5E-01	7.7E-07	1.0E-03	3.6E-10	1.6E-01	6.7E-01	3.8E-11
229	6.5E-01	2.4E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11	5.2E-01	7.7E-07	1.0E-03	4.2E-10	1.6E-01	6.7E-01	4.4E-11
230	7.5E-01	2.4E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11	5.9E-01	7.7E-07	1.0E-03	4.8E-10	1.6E-01	6.7E-01	5.0E-11
231	8.3E-01	2.4E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.2E-11	6.6E-01	7.7E-07	1.0E-03	5.3E-10	1.6E-01	6.7E-01	5.6E-11
232	8.7E-01	2.4E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11	7.0E-01	7.7E-07	1.0E-03	5.7E-10	1.6E-01	6.7E-01	6.0E-11
233	8.7E-01	2.4E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11	7.2E-01	7.7E-07	1.0E-03	5.8E-10	1.6E-01	6.7E-01	6.1E-11
234	8.4E-01	2.4E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.3E-11	7.1E-01	7.7E-07	1.0E-03	5.8E-10	1.6E-01	6.7E-01	6.1E-11
235	7.8E-01	2.4E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11	6.9E-01	7.7E-07	1.0E-03	5.5E-10	1.6E-01	6.7E-01	5.8E-11
236	7.1E-01	2.4E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11	6.4E-01	7.7E-07	1.0E-03	5.2E-10	1.6E-01	6.7E-01	5.4E-11
237	6.2E-01	2.4E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11	5.8E-01	7.7E-07	1.0E-03	4.7E-10	1.6E-01	6.7E-01	4.9E-11
238	5.4E-01	2.4E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11	5.2E-01	7.7E-07	1.0E-03	4.2E-10	1.6E-01	6.7E-01	4.4E-11
239	4.4E-01	2.4E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11	4.3E-01	7.7E-07	1.0E-03	3.5E-10	1.6E-01	6.7E-01	3.7E-11
240	3.8E-01	2.4E-07	1.0E-03	9.8E-11	1.6E-01	6.7E-01	1.0E-11	3.8E-01	7.7E-07	1.0E-03	3.1E-10	1.6E-01	6.7E-01	3.2E-11
241	2.9E-01	2.4E-07	1.0E-03	7.5E-11	1.6E-01	6.7E-01	7.9E-12	2.5E-01	7.7E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11
242	3.4E-01	2.4E-07	1.0E-03	8.7E-11	1.6E-01	6.7E-01	9.2E-12	2.9E-01	7.7E-07	1.0E-03	2.3E-10	1.6E-01	6.7E-01	2.4E-11
243	4.0E-01	2.4E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11	3.3E-01	7.7E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.8E-11
244	4.6E-01	2.4E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11	3.8E-01	7.7E-07	1.0E-03	3.1E-10	1.6E-01	6.7E-01	3.2E-11
245	5.3E-01	2.4E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11	4.3E-01	7.7E-07	1.0E-03	3.5E-10	1.6E-01	6.7E-01	3.7E-11
246	6.0E-01	2.4E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11	4.9E-01	7.7E-07	1.0E-03	3.9E-10	1.6E-01	6.7E-01	4.1E-11
247	6.5E-01	2.4E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11	5.3E-01	7.7E-07	1.0E-03	4.3E-10	1.6E-01	6.7E-01	4.5E-11
248	6.8E-01	2.4E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11	5.6E-01	7.7E-07	1.0E-03	4.6E-10	1.6E-01	6.7E-01	4.8E-11
249	6.9E-01	2.4E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11	5.8E-01	7.7E-07	1.0E-03	4.7E-10	1.6E-01	6.7E-01	4.9E-11
250	6.7E-01	2.4E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11	5.8E-01	7.7E-07	1.0E-03	4.7E-10	1.6E-01	6.7E-01	4.9E-11
251	6.4E-01	2.4E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11	5.6E-01	7.7E-07	1.0E-03	4.5E-10	1.6E-01	6.7E-01	4.8E-11
252	5.9E-01	2.4E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11	5.3E-01	7.7E-07	1.0E-03	4.3E-10	1.6E-01	6.7E-01	4.5E-11
253	5.4E-01	2.4E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11	5.0E-01	7.7E-07	1.0E-03	4.0E-10	1.6E-01	6.7E-01	4.2E-11
254	4.8E-01	2.4E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11	4.5E-01	7.7E-07	1.0E-03	3.7E-10	1.6E-01	6.7E-01	3.9E-11
255	4.2E-01	2.4E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11	4.0E-01	7.7E-07	1.0E-03	3.3E-10	1.6E-01	6.7E-01	3.4E-11
256	3.5E-01	2.4E-07	1.0E-03	8.9E-11	1.6E-01	6.7E-01	9.3E-12	3.4E-01	7.7E-07	1.0E-03	2.8E-10	1.6E-01	6.7E-01	2.9E-11
257	2.6E-01	2.4E-07	1.0E-03	6.6E-11	1.6E-01	6.7E-01	7.0E-12	2.2E-01	7.7E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11
258	3.0E-01	2.4E-07	1.0E-03	7.6E-11	1.6E-01	6.7E-01	8.0E-12	2.5E-01	7.7E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
259	3.4E-01	2.4E-07	1.0E-03	8.7E-11	1.6E-01	6.7E-01	9.1E-12	2.9E-01	7.7E-07	1.0E-03	2.3E-10	1.6E-01	6.7E-01	2.4E-11
260	3.9E-01	2.4E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.0E-11	3.3E-01	7.7E-07	1.0E-03	2.6E-10	1.6E-01	6.7E-01	2.8E-11
261	4.4E-01	2.4E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11	3.7E-01	7.7E-07	1.0E-03	3.0E-10	1.6E-01	6.7E-01	3.1E-11
262	4.9E-01	2.4E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11	4.0E-01	7.7E-07	1.0E-03	3.3E-10	1.6E-01	6.7E-01	3.4E-11
263	5.3E-01	2.4E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11	4.4E-01	7.7E-07	1.0E-03	3.5E-10	1.6E-01	6.7E-01	3.7E-11
264	5.5E-01	2.4E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11	4.6E-01	7.7E-07	1.0E-03	3.7E-10	1.6E-01	6.7E-01	3.9E-11
265	5.6E-01	2.4E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11	4.8E-01	7.7E-07	1.0E-03	3.8E-10	1.6E-01	6.7E-01	4.0E-11
266	5.5E-01	2.4E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11	4.8E-01	7.7E-07	1.0E-03	3.9E-10	1.6E-01	6.7E-01	4.1E-11
267	5.3E-01	2.4E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11	4.7E-01	7.7E-07	1.0E-03	3.8E-10	1.6E-01	6.7E-01	4.0E-11
268	5.0E-01	2.4E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.3E-11	4.5E-01	7.7E-07	1.0E-03	3.6E-10	1.6E-01	6.7E-01	3.8E-11
269	4.6E-01	2.4E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11	4.3E-01	7.7E-07	1.0E-03	3.4E-10	1.6E-01	6.7E-01	3.6E-11
270	4.2E-01	2.4E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11	4.0E-01	7.7E-07	1.0E-03	3.2E-10	1.6E-01	6.7E-01	3.4E-11
271	3.8E-01	2.4E-07	1.0E-03	9.7E-11	1.6E-01	6.7E-01	1.0E-11	3.6E-01	7.7E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.1E-11
272	3.2E-01	2.4E-07	1.0E-03	8.2E-11	1.6E-01	6.7E-01	8.6E-12	3.1E-01	7.7E-07	1.0E-03	2.5E-10	1.6E-01	6.7E-01	2.6E-11
273	1.2E+01	2.4E-07	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.1E-10	1.4E+01	7.7E-07	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.2E-09
274	1.4E+01	2.4E-07	1.0E-03	3.5E-09	1.6E-01	6.7E-01	3.7E-10	1.8E+01	7.7E-07	1.0E-03	1.5E-08	1.6E-01	6.7E-01	1.6E-09
275	1.6E+01	2.4E-07	1.0E-03	4.2E-09	1.6E-01	6.7E-01	4.4E-10	2.4E+01	7.7E-07	1.0E-03	1.9E-08	1.6E-01	6.7E-01	2.0E-09
276	1.9E+01	2.4E-07	1.0E-03	4.8E-09	1.6E-01	6.7E-01	5.1E-10	3.2E+01	7.7E-07	1.0E-03	2.6E-08	1.6E-01	6.7E-01	2.7E-09
277	2.1E+01	2.4E-07	1.0E-03	5.5E-09	1.6E-01	6.7E-01	5.8E-10	4.2E+01	7.7E-07	1.0E-03	3.4E-08	1.6E-01	6.7E-01	3.6E-09
278	2.3E+01	2.4E-07	1.0E-03	6.0E-09	1.6E-01	6.7E-01	6.3E-10	5.4E+01	7.7E-07	1.0E-03	4.3E-08	1.6E-01	6.7E-01	4.6E-09
279	2.5E+01	2.4E-07	1.0E-03	6.3E-09	1.6E-01	6.7E-01	6.6E-10	6.3E+01	7.7E-07	1.0E-03	5.1E-08	1.6E-01	6.7E-01	5.3E-09
280	2.4E+01	2.4E-07	1.0E-03	6.3E-09	1.6E-01	6.7E-01	6.6E-10	6.8E+01	7.7E-07	1.0E-03	5.5E-08	1.6E-01	6.7E-01	5.8E-09
281	2.3E+01	2.4E-07	1.0E-03	6.0E-09	1.6E-01	6.7E-01	6.3E-10	7.0E+01	7.7E-07	1.0E-03	5.6E-08	1.6E-01	6.7E-01	5.9E-09
282	2.2E+01	2.4E-07	1.0E-03	5.6E-09	1.6E-01	6.7E-01	5.9E-10	6.8E+01	7.7E-07	1.0E-03	5.5E-08	1.6E-01	6.7E-01	5.7E-09
283	2.0E+01	2.4E-07	1.0E-03	5.1E-09	1.6E-01	6.7E-01	5.4E-10	6.1E+01	7.7E-07	1.0E-03	4.9E-08	1.6E-01	6.7E-01	5.1E-09
284	1.8E+01	2.4E-07	1.0E-03	4.7E-09	1.6E-01	6.7E-01	4.9E-10	5.1E+01	7.7E-07	1.0E-03	4.1E-08	1.6E-01	6.7E-01	4.4E-09
285	1.7E+01	2.4E-07	1.0E-03	4.2E-09	1.6E-01	6.7E-01	4.4E-10	4.2E+01	7.7E-07	1.0E-03	3.4E-08	1.6E-01	6.7E-01	3.6E-09
286	1.5E+01	2.4E-07	1.0E-03	3.8E-09	1.6E-01	6.7E-01	4.0E-10	3.5E+01	7.7E-07	1.0E-03	2.8E-08	1.6E-01	6.7E-01	2.9E-09
287	1.3E+01	2.4E-07	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.6E-10	2.9E+01	7.7E-07	1.0E-03	2.3E-08	1.6E-01	6.7E-01	2.4E-09
288	1.2E+01	2.4E-07	1.0E-03	3.1E-09	1.6E-01	6.7E-01	3.3E-10	2.4E+01	7.7E-07	1.0E-03	1.9E-08	1.6E-01	6.7E-01	2.0E-09
289	1.1E+01	2.4E-07	1.0E-03	2.8E-09	1.6E-01	6.7E-01	3.0E-10	2.0E+01	7.7E-07	1.0E-03	1.6E-08	1.6E-01	6.7E-01	1.7E-09
290	9.9E+00	2.4E-07	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.7E-10	1.7E+01	7.7E-07	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.4E-09
291	9.0E+00	2.4E-07	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10	1.5E+01	7.7E-07	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.2E-09
292	8.1E+00	2.4E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	1.3E+01	7.7E-07	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09
293	7.4E+00	2.4E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	1.1E+01	7.7E-07	1.0E-03	8.8E-09	1.6E-01	6.7E-01	9.3E-10
294	6.7E+00	2.4E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	9.6E+00	7.7E-07	1.0E-03	7.7E-09	1.6E-01	6.7E-01	8.1E-10
295	6.1E+00	2.4E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.6E-10	8.5E+00	7.7E-07	1.0E-03	6.8E-09	1.6E-01	6.7E-01	7.2E-10
296	5.6E+00	2.4E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10	7.5E+00	7.7E-07	1.0E-03	6.1E-09	1.6E-01	6.7E-01	6.4E-10
297	5.1E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	6.7E+00	7.7E-07	1.0E-03	5.4E-09	1.6E-01	6.7E-01	5.7E-10
298	4.7E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	6.0E+00	7.7E-07	1.0E-03	4.9E-09	1.6E-01	6.7E-01	5.1E-10
299	1.4E+01	2.4E-07	1.0E-03	3.7E-09	1.6E-01	6.7E-01	3.9E-10	1.6E+01	7.7E-07	1.0E-03	1.3E-08	1.6E-01	6.7E-01	1.4E-09
300	1.8E+01	2.4E-07	1.0E-03	4.5E-09	1.6E-01	6.7E-01	4.7E-10	2.2E+01	7.7E-07	1.0E-03	1.8E-08	1.6E-01	6.7E-01	1.8E-09
301	2.2E+01	2.4E-07	1.0E-03	5.5E-09	1.6E-01	6.7E-01	5.8E-10	3.0E+01	7.7E-07	1.0E-03	2.4E-08	1.6E-01	6.7E-01	2.6E-09

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
302	2.6E+01	2.4E-07	1.0E-03	6.7E-09	1.6E-01	6.7E-01	7.0E-10	4.3E+01	7.7E-07	1.0E-03	3.5E-08	1.6E-01	6.7E-01	3.6E-09
303	3.1E+01	2.4E-07	1.0E-03	7.9E-09	1.6E-01	6.7E-01	8.3E-10	1.5E+01	7.7E-07	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.3E-09
304	3.4E+01	2.4E-07	1.0E-03	8.7E-09	1.6E-01	6.7E-01	9.2E-10	2.2E+01	7.7E-07	1.0E-03	1.8E-08	1.6E-01	6.7E-01	1.9E-09
305	3.5E+01	2.4E-07	1.0E-03	9.0E-09	1.6E-01	6.7E-01	9.4E-10	3.2E+01	7.7E-07	1.0E-03	2.6E-08	1.6E-01	6.7E-01	2.7E-09
306	3.3E+01	2.4E-07	1.0E-03	8.6E-09	1.6E-01	6.7E-01	9.0E-10	4.6E+01	7.7E-07	1.0E-03	3.7E-08	1.6E-01	6.7E-01	3.9E-09
307	3.0E+01	2.4E-07	1.0E-03	7.8E-09	1.6E-01	6.7E-01	8.2E-10	4.7E+01	7.7E-07	1.0E-03	3.8E-08	1.6E-01	6.7E-01	4.0E-09
308	2.7E+01	2.4E-07	1.0E-03	7.0E-09	1.6E-01	6.7E-01	7.3E-10	3.5E+01	7.7E-07	1.0E-03	2.8E-08	1.6E-01	6.7E-01	3.0E-09
309	2.4E+01	2.4E-07	1.0E-03	6.2E-09	1.6E-01	6.7E-01	6.5E-10	2.6E+01	7.7E-07	1.0E-03	2.1E-08	1.6E-01	6.7E-01	2.2E-09
310	2.1E+01	2.4E-07	1.0E-03	5.4E-09	1.6E-01	6.7E-01	5.7E-10	6.8E+01	7.7E-07	1.0E-03	5.5E-08	1.6E-01	6.7E-01	5.8E-09
311	1.9E+01	2.4E-07	1.0E-03	4.8E-09	1.6E-01	6.7E-01	5.1E-10	5.2E+01	7.7E-07	1.0E-03	4.2E-08	1.6E-01	6.7E-01	4.4E-09
312	1.7E+01	2.4E-07	1.0E-03	4.3E-09	1.6E-01	6.7E-01	4.5E-10	4.0E+01	7.7E-07	1.0E-03	3.2E-08	1.6E-01	6.7E-01	3.4E-09
313	1.5E+01	2.4E-07	1.0E-03	3.8E-09	1.6E-01	6.7E-01	4.0E-10	3.2E+01	7.7E-07	1.0E-03	2.6E-08	1.6E-01	6.7E-01	2.7E-09
314	1.3E+01	2.4E-07	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.5E-10	2.6E+01	7.7E-07	1.0E-03	2.1E-08	1.6E-01	6.7E-01	2.2E-09
315	1.2E+01	2.4E-07	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.2E-10	2.1E+01	7.7E-07	1.0E-03	1.7E-08	1.6E-01	6.7E-01	1.8E-09
316	1.0E+01	2.4E-07	1.0E-03	2.7E-09	1.6E-01	6.7E-01	2.8E-10	1.8E+01	7.7E-07	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.5E-09
317	9.4E+00	2.4E-07	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	1.5E+01	7.7E-07	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.3E-09
318	8.4E+00	2.4E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	1.3E+01	7.7E-07	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09
319	7.6E+00	2.4E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	1.1E+01	7.7E-07	1.0E-03	8.9E-09	1.6E-01	6.7E-01	9.3E-10
320	6.9E+00	2.4E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.8E-10	9.6E+00	7.7E-07	1.0E-03	7.7E-09	1.6E-01	6.7E-01	8.1E-10
321	6.2E+00	2.4E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	8.4E+00	7.7E-07	1.0E-03	6.8E-09	1.6E-01	6.7E-01	7.1E-10
322	5.7E+00	2.4E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10	7.4E+00	7.7E-07	1.0E-03	6.0E-09	1.6E-01	6.7E-01	6.3E-10
323	5.2E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	6.6E+00	7.7E-07	1.0E-03	5.3E-09	1.6E-01	6.7E-01	5.6E-10
324	4.8E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	5.9E+00	7.7E-07	1.0E-03	4.8E-09	1.6E-01	6.7E-01	5.0E-10
325	1.8E+01	2.4E-07	1.0E-03	4.5E-09	1.6E-01	6.7E-01	4.7E-10	1.8E+01	7.7E-07	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.5E-09
326	2.3E+01	2.4E-07	1.0E-03	5.8E-09	1.6E-01	6.7E-01	6.1E-10	2.5E+01	7.7E-07	1.0E-03	2.0E-08	1.6E-01	6.7E-01	2.1E-09
327	2.9E+01	2.4E-07	1.0E-03	7.5E-09	1.6E-01	6.7E-01	7.9E-10	3.7E+01	7.7E-07	1.0E-03	2.9E-08	1.6E-01	6.7E-01	3.1E-09
328	3.8E+01	2.4E-07	1.0E-03	9.7E-09	1.6E-01	6.7E-01	1.0E-09	5.7E+01	7.7E-07	1.0E-03	4.6E-08	1.6E-01	6.7E-01	4.8E-09
329	4.8E+01	2.4E-07	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.3E-09	1.8E+01	7.7E-07	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.5E-09
330	5.4E+01	2.4E-07	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.5E-09	2.7E+01	7.7E-07	1.0E-03	2.2E-08	1.6E-01	6.7E-01	2.3E-09
331	5.3E+01	2.4E-07	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.4E-09	4.4E+01	7.7E-07	1.0E-03	3.5E-08	1.6E-01	6.7E-01	3.7E-09
332	4.7E+01	2.4E-07	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.3E-09	0.0E+00	7.7E-07	1.0E-03	0.0E+00	1.6E-01	6.7E-01	0.0E+00
333	4.0E+01	2.4E-07	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09	0.0E+00	7.7E-07	1.0E-03	0.0E+00	1.6E-01	6.7E-01	0.0E+00
334	3.4E+01	2.4E-07	1.0E-03	8.6E-09	1.6E-01	6.7E-01	9.1E-10	4.3E+01	7.7E-07	1.0E-03	3.5E-08	1.6E-01	6.7E-01	3.7E-09
335	2.9E+01	2.4E-07	1.0E-03	7.3E-09	1.6E-01	6.7E-01	7.7E-10	3.0E+01	7.7E-07	1.0E-03	2.4E-08	1.6E-01	6.7E-01	2.6E-09
336	2.4E+01	2.4E-07	1.0E-03	6.3E-09	1.6E-01	6.7E-01	6.6E-10	2.2E+01	7.7E-07	1.0E-03	1.8E-08	1.6E-01	6.7E-01	1.9E-09
337	2.1E+01	2.4E-07	1.0E-03	5.4E-09	1.6E-01	6.7E-01	5.7E-10	6.1E+01	7.7E-07	1.0E-03	5.0E-08	1.6E-01	6.7E-01	5.2E-09
338	1.8E+01	2.4E-07	1.0E-03	4.7E-09	1.6E-01	6.7E-01	4.9E-10	4.4E+01	7.7E-07	1.0E-03	3.6E-08	1.6E-01	6.7E-01	3.8E-09
339	1.6E+01	2.4E-07	1.0E-03	4.1E-09	1.6E-01	6.7E-01	4.3E-10	3.4E+01	7.7E-07	1.0E-03	2.7E-08	1.6E-01	6.7E-01	2.9E-09
340	1.4E+01	2.4E-07	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.8E-10	2.7E+01	7.7E-07	1.0E-03	2.2E-08	1.6E-01	6.7E-01	2.3E-09
341	1.2E+01	2.4E-07	1.0E-03	3.2E-09	1.6E-01	6.7E-01	3.3E-10	2.2E+01	7.7E-07	1.0E-03	1.7E-08	1.6E-01	6.7E-01	1.8E-09
342	1.1E+01	2.4E-07	1.0E-03	2.8E-09	1.6E-01	6.7E-01	2.9E-10	1.8E+01	7.7E-07	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.5E-09
343	9.7E+00	2.4E-07	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.6E-10	1.5E+01	7.7E-07	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.3E-09
344	8.7E+00	2.4E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	1.3E+01	7.7E-07	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
345	7.8E+00	2.4E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	1.1E+01	7.7E-07	1.0E-03	8.8E-09	1.6E-01	6.7E-01	9.2E-10
346	7.0E+00	2.4E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	9.4E+00	7.7E-07	1.0E-03	7.6E-09	1.6E-01	6.7E-01	8.0E-10
347	6.3E+00	2.4E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	8.2E+00	7.7E-07	1.0E-03	6.7E-09	1.6E-01	6.7E-01	7.0E-10
348	5.7E+00	2.4E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10	7.3E+00	7.7E-07	1.0E-03	5.9E-09	1.6E-01	6.7E-01	6.2E-10
349	5.2E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	6.5E+00	7.7E-07	1.0E-03	5.2E-09	1.6E-01	6.7E-01	5.5E-10
350	4.8E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	5.8E+00	7.7E-07	1.0E-03	4.7E-09	1.6E-01	6.7E-01	4.9E-10
351	2.1E+01	2.4E-07	1.0E-03	5.5E-09	1.6E-01	6.7E-01	5.7E-10	1.9E+01	7.7E-07	1.0E-03	1.5E-08	1.6E-01	6.7E-01	1.6E-09
352	2.9E+01	2.4E-07	1.0E-03	7.4E-09	1.6E-01	6.7E-01	7.8E-10	2.7E+01	7.7E-07	1.0E-03	2.2E-08	1.6E-01	6.7E-01	2.3E-09
353	4.0E+01	2.4E-07	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09	4.1E+01	7.7E-07	1.0E-03	3.3E-08	1.6E-01	6.7E-01	3.5E-09
354	5.7E+01	2.4E-07	1.0E-03	1.5E-08	1.6E-01	6.7E-01	1.5E-09	1.3E+01	7.7E-07	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.1E-09
355	2.2E+01	2.4E-07	1.0E-03	5.7E-09	1.6E-01	6.7E-01	6.0E-10	2.0E+01	7.7E-07	1.0E-03	1.6E-08	1.6E-01	6.7E-01	1.7E-09
356	2.5E+01	2.4E-07	1.0E-03	6.4E-09	1.6E-01	6.7E-01	6.7E-10	3.1E+01	7.7E-07	1.0E-03	2.5E-08	1.6E-01	6.7E-01	2.6E-09
357	2.6E+01	2.4E-07	1.0E-03	6.6E-09	1.6E-01	6.7E-01	6.9E-10	0.0E+00	7.7E-07	1.0E-03	0.0E+00	1.6E-01	6.7E-01	0.0E+00
358	6.8E+01	2.4E-07	1.0E-03	1.7E-08	1.6E-01	6.7E-01	1.8E-09	0.0E+00	7.7E-07	1.0E-03	0.0E+00	1.6E-01	6.7E-01	0.0E+00
359	5.2E+01	2.4E-07	1.0E-03	1.3E-08	1.6E-01	6.7E-01	1.4E-09	0.0E+00	7.7E-07	1.0E-03	0.0E+00	1.6E-01	6.7E-01	0.0E+00
360	4.1E+01	2.4E-07	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09	5.0E+01	7.7E-07	1.0E-03	4.0E-08	1.6E-01	6.7E-01	4.2E-09
361	3.3E+01	2.4E-07	1.0E-03	8.5E-09	1.6E-01	6.7E-01	8.9E-10	3.2E+01	7.7E-07	1.0E-03	2.6E-08	1.6E-01	6.7E-01	2.7E-09
362	2.8E+01	2.4E-07	1.0E-03	7.1E-09	1.6E-01	6.7E-01	7.4E-10	2.3E+01	7.7E-07	1.0E-03	1.9E-08	1.6E-01	6.7E-01	2.0E-09
363	2.3E+01	2.4E-07	1.0E-03	6.0E-09	1.6E-01	6.7E-01	6.3E-10	6.8E+01	7.7E-07	1.0E-03	5.5E-08	1.6E-01	6.7E-01	5.8E-09
364	2.0E+01	2.4E-07	1.0E-03	5.1E-09	1.6E-01	6.7E-01	5.3E-10	4.6E+01	7.7E-07	1.0E-03	3.8E-08	1.6E-01	6.7E-01	3.9E-09
365	1.7E+01	2.4E-07	1.0E-03	4.4E-09	1.6E-01	6.7E-01	4.6E-10	3.4E+01	7.7E-07	1.0E-03	2.8E-08	1.6E-01	6.7E-01	2.9E-09
366	1.5E+01	2.4E-07	1.0E-03	3.8E-09	1.6E-01	6.7E-01	4.0E-10	2.7E+01	7.7E-07	1.0E-03	2.2E-08	1.6E-01	6.7E-01	2.3E-09
367	1.3E+01	2.4E-07	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.5E-10	2.1E+01	7.7E-07	1.0E-03	1.7E-08	1.6E-01	6.7E-01	1.8E-09
368	1.1E+01	2.4E-07	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.0E-10	1.8E+01	7.7E-07	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.5E-09
369	9.9E+00	2.4E-07	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.7E-10	1.5E+01	7.7E-07	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.2E-09
370	8.8E+00	2.4E-07	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10	1.2E+01	7.7E-07	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.0E-09
371	7.8E+00	2.4E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	1.1E+01	7.7E-07	1.0E-03	8.5E-09	1.6E-01	6.7E-01	9.0E-10
372	7.0E+00	2.4E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	9.2E+00	7.7E-07	1.0E-03	7.4E-09	1.6E-01	6.7E-01	7.8E-10
373	6.3E+00	2.4E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	8.0E+00	7.7E-07	1.0E-03	6.5E-09	1.6E-01	6.7E-01	6.8E-10
374	5.7E+00	2.4E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10	7.0E+00	7.7E-07	1.0E-03	5.7E-09	1.6E-01	6.7E-01	6.0E-10
375	5.2E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	6.3E+00	7.7E-07	1.0E-03	5.1E-09	1.6E-01	6.7E-01	5.3E-10
376	4.7E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	5.6E+00	7.7E-07	1.0E-03	4.5E-09	1.6E-01	6.7E-01	4.7E-10
377	2.5E+01	2.4E-07	1.0E-03	6.4E-09	1.6E-01	6.7E-01	6.8E-10	1.9E+01	7.7E-07	1.0E-03	1.5E-08	1.6E-01	6.7E-01	1.6E-09
378	3.6E+01	2.4E-07	1.0E-03	9.1E-09	1.6E-01	6.7E-01	9.6E-10	2.7E+01	7.7E-07	1.0E-03	2.2E-08	1.6E-01	6.7E-01	2.3E-09
379	5.3E+01	2.4E-07	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.4E-09	4.2E+01	7.7E-07	1.0E-03	3.4E-08	1.6E-01	6.7E-01	3.5E-09
380	2.8E+01	2.4E-07	1.0E-03	7.1E-09	1.6E-01	6.7E-01	7.5E-10	1.3E+01	7.7E-07	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.1E-09
381	3.4E+01	2.4E-07	1.0E-03	8.7E-09	1.6E-01	6.7E-01	9.2E-10	2.0E+01	7.7E-07	1.0E-03	1.6E-08	1.6E-01	6.7E-01	1.7E-09
382	1.3E+01	2.4E-07	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.5E-10	2.1E+01	7.7E-07	1.0E-03	1.7E-08	1.6E-01	6.7E-01	1.7E-09
383	1.1E+01	2.4E-07	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.1E-10	1.7E+01	7.7E-07	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.4E-09
384	1.0E+01	2.4E-07	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10	1.4E+01	7.7E-07	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.2E-09
385	8.8E+00	2.4E-07	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10	1.2E+01	7.7E-07	1.0E-03	9.6E-09	1.6E-01	6.7E-01	1.0E-09
386	7.8E+00	2.4E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	1.0E+01	7.7E-07	1.0E-03	8.2E-09	1.6E-01	6.7E-01	8.6E-10
387	7.0E+00	2.4E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	8.8E+00	7.7E-07	1.0E-03	7.1E-09	1.6E-01	6.7E-01	7.4E-10

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
388	6.3E+00	2.4E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	7.7E+00	7.7E-07	1.0E-03	6.2E-09	1.6E-01	6.7E-01	6.5E-10
389	5.6E+00	2.4E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10	6.8E+00	7.7E-07	1.0E-03	5.5E-09	1.6E-01	6.7E-01	5.7E-10
390	5.1E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	6.0E+00	7.7E-07	1.0E-03	4.9E-09	1.6E-01	6.7E-01	5.1E-10
391	4.6E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10	5.4E+00	7.7E-07	1.0E-03	4.3E-09	1.6E-01	6.7E-01	4.6E-10
392	2.9E+01	2.4E-07	1.0E-03	7.3E-09	1.6E-01	6.7E-01	7.7E-10	1.8E+01	7.7E-07	1.0E-03	1.5E-08	1.6E-01	6.7E-01	1.5E-09
393	4.2E+01	2.4E-07	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.1E-09	2.6E+01	7.7E-07	1.0E-03	2.1E-08	1.6E-01	6.7E-01	2.2E-09
394	6.4E+01	2.4E-07	1.0E-03	1.6E-08	1.6E-01	6.7E-01	1.7E-09	3.8E+01	7.7E-07	1.0E-03	3.1E-08	1.6E-01	6.7E-01	3.2E-09
395	4.2E+01	2.4E-07	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.1E-09	1.2E+01	7.7E-07	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09
396	5.7E+01	2.4E-07	1.0E-03	1.5E-08	1.6E-01	6.7E-01	1.5E-09	1.8E+01	7.7E-07	1.0E-03	1.5E-08	1.6E-01	6.7E-01	1.6E-09
397	1.3E+01	2.4E-07	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.6E-10	1.9E+01	7.7E-07	1.0E-03	1.5E-08	1.6E-01	6.7E-01	1.6E-09
398	1.1E+01	2.4E-07	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.1E-10	1.6E+01	7.7E-07	1.0E-03	1.3E-08	1.6E-01	6.7E-01	1.3E-09
399	1.0E+01	2.4E-07	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10	1.3E+01	7.7E-07	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.1E-09
400	8.8E+00	2.4E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.4E-10	1.1E+01	7.7E-07	1.0E-03	9.0E-09	1.6E-01	6.7E-01	9.5E-10
401	7.7E+00	2.4E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	9.6E+00	7.7E-07	1.0E-03	7.7E-09	1.6E-01	6.7E-01	8.1E-10
402	6.9E+00	2.4E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.8E-10	8.3E+00	7.7E-07	1.0E-03	6.7E-09	1.6E-01	6.7E-01	7.1E-10
403	6.1E+00	2.4E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	7.3E+00	7.7E-07	1.0E-03	5.9E-09	1.6E-01	6.7E-01	6.2E-10
404	5.5E+00	2.4E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10	6.4E+00	7.7E-07	1.0E-03	5.2E-09	1.6E-01	6.7E-01	5.5E-10
405	5.0E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10	5.7E+00	7.7E-07	1.0E-03	4.6E-09	1.6E-01	6.7E-01	4.9E-10
406	4.5E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10	5.1E+00	7.7E-07	1.0E-03	4.1E-09	1.6E-01	6.7E-01	4.3E-10
407	3.1E+01	2.4E-07	1.0E-03	7.9E-09	1.6E-01	6.7E-01	8.3E-10	1.6E+01	7.7E-07	1.0E-03	1.3E-08	1.6E-01	6.7E-01	1.4E-09
408	4.5E+01	2.4E-07	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.2E-09	2.2E+01	7.7E-07	1.0E-03	1.8E-08	1.6E-01	6.7E-01	1.9E-09
409	7.1E+01	2.4E-07	1.0E-03	1.8E-08	1.6E-01	6.7E-01	1.9E-09	3.1E+01	7.7E-07	1.0E-03	2.5E-08	1.6E-01	6.7E-01	2.6E-09
410	1.7E+01	2.4E-07	1.0E-03	4.2E-09	1.6E-01	6.7E-01	4.4E-10	4.5E+01	7.7E-07	1.0E-03	3.6E-08	1.6E-01	6.7E-01	3.8E-09
411	2.0E+01	2.4E-07	1.0E-03	5.2E-09	1.6E-01	6.7E-01	5.4E-10	1.5E+01	7.7E-07	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.3E-09
412	1.3E+01	2.4E-07	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.5E-10	1.7E+01	7.7E-07	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.5E-09
413	1.1E+01	2.4E-07	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.0E-10	1.4E+01	7.7E-07	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.2E-09
414	9.8E+00	2.4E-07	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.6E-10	1.2E+01	7.7E-07	1.0E-03	9.8E-09	1.6E-01	6.7E-01	1.0E-09
415	8.6E+00	2.4E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	1.0E+01	7.7E-07	1.0E-03	8.4E-09	1.6E-01	6.7E-01	8.8E-10
416	7.6E+00	2.4E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	9.0E+00	7.7E-07	1.0E-03	7.2E-09	1.6E-01	6.7E-01	7.6E-10
417	6.7E+00	2.4E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	7.8E+00	7.7E-07	1.0E-03	6.3E-09	1.6E-01	6.7E-01	6.6E-10
418	6.0E+00	2.4E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	6.9E+00	7.7E-07	1.0E-03	5.5E-09	1.6E-01	6.7E-01	5.8E-10
419	5.4E+00	2.4E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.4E-10	6.1E+00	7.7E-07	1.0E-03	4.9E-09	1.6E-01	6.7E-01	5.1E-10
420	4.9E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	5.4E+00	7.7E-07	1.0E-03	4.4E-09	1.6E-01	6.7E-01	4.6E-10
421	4.4E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10	4.9E+00	7.7E-07	1.0E-03	3.9E-09	1.6E-01	6.7E-01	4.1E-10
422	3.2E+01	2.4E-07	1.0E-03	8.2E-09	1.6E-01	6.7E-01	8.6E-10	1.5E+01	7.7E-07	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.2E-09
423	4.7E+01	2.4E-07	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.3E-09	1.9E+01	7.7E-07	1.0E-03	1.5E-08	1.6E-01	6.7E-01	1.6E-09
424	7.5E+01	2.4E-07	1.0E-03	1.9E-08	1.6E-01	6.7E-01	2.0E-09	2.5E+01	7.7E-07	1.0E-03	2.0E-08	1.6E-01	6.7E-01	2.1E-09
425	6.2E+01	2.4E-07	1.0E-03	1.6E-08	1.6E-01	6.7E-01	1.7E-09	3.3E+01	7.7E-07	1.0E-03	2.7E-08	1.6E-01	6.7E-01	2.8E-09
426	3.4E+01	2.4E-07	1.0E-03	8.6E-09	1.6E-01	6.7E-01	9.1E-10	4.4E+01	7.7E-07	1.0E-03	3.5E-08	1.6E-01	6.7E-01	3.7E-09
427	1.3E+01	2.4E-07	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.4E-10	1.5E+01	7.7E-07	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.3E-09
428	1.1E+01	2.4E-07	1.0E-03	2.8E-09	1.6E-01	6.7E-01	3.0E-10	1.3E+01	7.7E-07	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09
429	9.5E+00	2.4E-07	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.6E-10	1.1E+01	7.7E-07	1.0E-03	9.0E-09	1.6E-01	6.7E-01	9.4E-10
430	8.3E+00	2.4E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	9.6E+00	7.7E-07	1.0E-03	7.7E-09	1.6E-01	6.7E-01	8.1E-10

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
431	7.3E+00	2.4E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	8.3E+00	7.7E-07	1.0E-03	6.7E-09	1.6E-01	6.7E-01	7.1E-10
432	6.5E+00	2.4E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.7E-10	7.3E+00	7.7E-07	1.0E-03	5.9E-09	1.6E-01	6.7E-01	6.2E-10
433	5.8E+00	2.4E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	6.4E+00	7.7E-07	1.0E-03	5.2E-09	1.6E-01	6.7E-01	5.5E-10
434	5.2E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	5.7E+00	7.7E-07	1.0E-03	4.6E-09	1.6E-01	6.7E-01	4.8E-10
435	4.7E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	5.1E+00	7.7E-07	1.0E-03	4.1E-09	1.6E-01	6.7E-01	4.3E-10
436	4.3E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10	4.6E+00	7.7E-07	1.0E-03	3.7E-09	1.6E-01	6.7E-01	3.9E-10
437	3.2E+01	2.4E-07	1.0E-03	8.2E-09	1.6E-01	6.7E-01	8.6E-10	1.3E+01	7.7E-07	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09
438	4.7E+01	2.4E-07	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.3E-09	1.6E+01	7.7E-07	1.0E-03	1.3E-08	1.6E-01	6.7E-01	1.3E-09
439	7.4E+01	2.4E-07	1.0E-03	1.9E-08	1.6E-01	6.7E-01	2.0E-09	2.0E+01	7.7E-07	1.0E-03	1.6E-08	1.6E-01	6.7E-01	1.7E-09
440	6.2E+01	2.4E-07	1.0E-03	1.6E-08	1.6E-01	6.7E-01	1.7E-09	2.4E+01	7.7E-07	1.0E-03	2.0E-08	1.6E-01	6.7E-01	2.1E-09
441	3.0E+01	2.4E-07	1.0E-03	7.6E-09	1.6E-01	6.7E-01	8.0E-10	3.0E+01	7.7E-07	1.0E-03	2.5E-08	1.6E-01	6.7E-01	2.6E-09
442	1.2E+01	2.4E-07	1.0E-03	3.1E-09	1.6E-01	6.7E-01	3.3E-10	1.3E+01	7.7E-07	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.1E-09
443	1.1E+01	2.4E-07	1.0E-03	2.7E-09	1.6E-01	6.7E-01	2.8E-10	1.2E+01	7.7E-07	1.0E-03	9.4E-09	1.6E-01	6.7E-01	9.8E-10
444	9.1E+00	2.4E-07	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.5E-10	1.0E+01	7.7E-07	1.0E-03	8.1E-09	1.6E-01	6.7E-01	8.5E-10
445	8.0E+00	2.4E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.2E-10	8.7E+00	7.7E-07	1.0E-03	7.1E-09	1.6E-01	6.7E-01	7.4E-10
446	7.0E+00	2.4E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	7.7E+00	7.7E-07	1.0E-03	6.2E-09	1.6E-01	6.7E-01	6.5E-10
447	6.2E+00	2.4E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	6.8E+00	7.7E-07	1.0E-03	5.5E-09	1.6E-01	6.7E-01	5.7E-10
448	5.6E+00	2.4E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10	6.0E+00	7.7E-07	1.0E-03	4.8E-09	1.6E-01	6.7E-01	5.1E-10
449	5.0E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10	5.3E+00	7.7E-07	1.0E-03	4.3E-09	1.6E-01	6.7E-01	4.5E-10
450	4.5E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10	4.8E+00	7.7E-07	1.0E-03	3.9E-09	1.6E-01	6.7E-01	4.1E-10
451	4.1E+00	2.4E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	4.3E+00	7.7E-07	1.0E-03	3.5E-09	1.6E-01	6.7E-01	3.7E-10
452	3.0E+01	2.4E-07	1.0E-03	7.8E-09	1.6E-01	6.7E-01	8.2E-10	1.1E+01	7.7E-07	1.0E-03	8.6E-09	1.6E-01	6.7E-01	9.1E-10
453	4.5E+01	2.4E-07	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.2E-09	1.3E+01	7.7E-07	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09
454	7.0E+01	2.4E-07	1.0E-03	1.8E-08	1.6E-01	6.7E-01	1.9E-09	1.6E+01	7.7E-07	1.0E-03	1.3E-08	1.6E-01	6.7E-01	1.3E-09
455	1.5E+01	2.4E-07	1.0E-03	3.8E-09	1.6E-01	6.7E-01	4.0E-10	1.9E+01	7.7E-07	1.0E-03	1.5E-08	1.6E-01	6.7E-01	1.6E-09
456	1.8E+01	2.4E-07	1.0E-03	4.5E-09	1.6E-01	6.7E-01	4.8E-10	2.2E+01	7.7E-07	1.0E-03	1.8E-08	1.6E-01	6.7E-01	1.9E-09
457	1.2E+01	2.4E-07	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.1E-10	1.2E+01	7.7E-07	1.0E-03	9.5E-09	1.6E-01	6.7E-01	1.0E-09
458	1.0E+01	2.4E-07	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10	1.0E+01	7.7E-07	1.0E-03	8.3E-09	1.6E-01	6.7E-01	8.7E-10
459	8.7E+00	2.4E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	9.0E+00	7.7E-07	1.0E-03	7.3E-09	1.6E-01	6.7E-01	7.7E-10
460	7.6E+00	2.4E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	7.9E+00	7.7E-07	1.0E-03	6.4E-09	1.6E-01	6.7E-01	6.7E-10
461	6.7E+00	2.4E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	7.0E+00	7.7E-07	1.0E-03	5.7E-09	1.6E-01	6.7E-01	6.0E-10
462	6.0E+00	2.4E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	6.2E+00	7.7E-07	1.0E-03	5.0E-09	1.6E-01	6.7E-01	5.3E-10
463	5.3E+00	2.4E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.4E-10	5.6E+00	7.7E-07	1.0E-03	4.5E-09	1.6E-01	6.7E-01	4.7E-10
464	4.8E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	5.0E+00	7.7E-07	1.0E-03	4.1E-09	1.6E-01	6.7E-01	4.3E-10
465	4.3E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10	4.5E+00	7.7E-07	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.8E-10
466	3.9E+00	2.4E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	4.1E+00	7.7E-07	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.5E-10
467	2.8E+01	2.4E-07	1.0E-03	7.1E-09	1.6E-01	6.7E-01	7.4E-10	9.1E+00	7.7E-07	1.0E-03	7.3E-09	1.6E-01	6.7E-01	7.7E-10
468	4.0E+01	2.4E-07	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09	1.1E+01	7.7E-07	1.0E-03	8.6E-09	1.6E-01	6.7E-01	9.1E-10
469	6.1E+01	2.4E-07	1.0E-03	1.6E-08	1.6E-01	6.7E-01	1.6E-09	1.3E+01	7.7E-07	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09
470	3.9E+01	2.4E-07	1.0E-03	9.9E-09	1.6E-01	6.7E-01	1.0E-09	1.5E+01	7.7E-07	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.3E-09
471	5.0E+01	2.4E-07	1.0E-03	1.3E-08	1.6E-01	6.7E-01	1.4E-09	1.7E+01	7.7E-07	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.5E-09
472	1.1E+01	2.4E-07	1.0E-03	2.8E-09	1.6E-01	6.7E-01	2.9E-10	1.0E+01	7.7E-07	1.0E-03	8.3E-09	1.6E-01	6.7E-01	8.7E-10
473	9.3E+00	2.4E-07	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	9.1E+00	7.7E-07	1.0E-03	7.4E-09	1.6E-01	6.7E-01	7.8E-10

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
474	8.2E+00	2.4E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	8.1E+00	7.7E-07	1.0E-03	6.6E-09	1.6E-01	6.7E-01	6.9E-10
475	7.2E+00	2.4E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	7.2E+00	7.7E-07	1.0E-03	5.8E-09	1.6E-01	6.7E-01	6.1E-10
476	6.3E+00	2.4E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	6.4E+00	7.7E-07	1.0E-03	5.2E-09	1.6E-01	6.7E-01	5.5E-10
477	5.7E+00	2.4E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10	5.8E+00	7.7E-07	1.0E-03	4.7E-09	1.6E-01	6.7E-01	4.9E-10
478	5.1E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	5.2E+00	7.7E-07	1.0E-03	4.2E-09	1.6E-01	6.7E-01	4.4E-10
479	4.6E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10	4.7E+00	7.7E-07	1.0E-03	3.8E-09	1.6E-01	6.7E-01	4.0E-10
480	4.1E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10	4.2E+00	7.7E-07	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.6E-10
481	3.7E+00	2.4E-07	1.0E-03	9.6E-10	1.6E-01	6.7E-01	1.0E-10	3.9E+00	7.7E-07	1.0E-03	3.1E-09	1.6E-01	6.7E-01	3.3E-10
482	2.4E+01	2.4E-07	1.0E-03	6.1E-09	1.6E-01	6.7E-01	6.5E-10	7.8E+00	7.7E-07	1.0E-03	6.3E-09	1.6E-01	6.7E-01	6.6E-10
483	3.4E+01	2.4E-07	1.0E-03	8.6E-09	1.6E-01	6.7E-01	9.0E-10	9.0E+00	7.7E-07	1.0E-03	7.3E-09	1.6E-01	6.7E-01	7.6E-10
484	5.0E+01	2.4E-07	1.0E-03	1.3E-08	1.6E-01	6.7E-01	1.3E-09	1.0E+01	7.7E-07	1.0E-03	8.4E-09	1.6E-01	6.7E-01	8.8E-10
485	2.6E+01	2.4E-07	1.0E-03	6.6E-09	1.6E-01	6.7E-01	6.9E-10	1.2E+01	7.7E-07	1.0E-03	9.7E-09	1.6E-01	6.7E-01	1.0E-09
486	3.1E+01	2.4E-07	1.0E-03	7.8E-09	1.6E-01	6.7E-01	8.2E-10	1.4E+01	7.7E-07	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.2E-09
487	9.9E+00	2.4E-07	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.7E-10	9.1E+00	7.7E-07	1.0E-03	7.3E-09	1.6E-01	6.7E-01	7.7E-10
488	8.7E+00	2.4E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	8.1E+00	7.7E-07	1.0E-03	6.6E-09	1.6E-01	6.7E-01	6.9E-10
489	7.6E+00	2.4E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	7.3E+00	7.7E-07	1.0E-03	5.9E-09	1.6E-01	6.7E-01	6.2E-10
490	6.7E+00	2.4E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	6.6E+00	7.7E-07	1.0E-03	5.3E-09	1.6E-01	6.7E-01	5.6E-10
491	6.0E+00	2.4E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	5.9E+00	7.7E-07	1.0E-03	4.8E-09	1.6E-01	6.7E-01	5.0E-10
492	5.3E+00	2.4E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.4E-10	5.3E+00	7.7E-07	1.0E-03	4.3E-09	1.6E-01	6.7E-01	4.5E-10
493	4.8E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	4.8E+00	7.7E-07	1.0E-03	3.9E-09	1.6E-01	6.7E-01	4.1E-10
494	4.3E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10	4.4E+00	7.7E-07	1.0E-03	3.5E-09	1.6E-01	6.7E-01	3.7E-10
495	3.9E+00	2.4E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	4.0E+00	7.7E-07	1.0E-03	3.2E-09	1.6E-01	6.7E-01	3.4E-10
496	3.6E+00	2.4E-07	1.0E-03	9.2E-10	1.6E-01	6.7E-01	9.6E-11	3.6E+00	7.7E-07	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.1E-10
497	2.0E+01	2.4E-07	1.0E-03	5.2E-09	1.6E-01	6.7E-01	5.5E-10	6.7E+00	7.7E-07	1.0E-03	5.4E-09	1.6E-01	6.7E-01	5.7E-10
498	2.7E+01	2.4E-07	1.0E-03	7.0E-09	1.6E-01	6.7E-01	7.4E-10	7.7E+00	7.7E-07	1.0E-03	6.2E-09	1.6E-01	6.7E-01	6.5E-10
499	3.8E+01	2.4E-07	1.0E-03	9.7E-09	1.6E-01	6.7E-01	1.0E-09	8.8E+00	7.7E-07	1.0E-03	7.1E-09	1.6E-01	6.7E-01	7.4E-10
500	5.3E+01	2.4E-07	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.4E-09	1.0E+01	7.7E-07	1.0E-03	8.1E-09	1.6E-01	6.7E-01	8.5E-10
501	2.0E+01	2.4E-07	1.0E-03	5.2E-09	1.6E-01	6.7E-01	5.5E-10	1.1E+01	7.7E-07	1.0E-03	9.0E-09	1.6E-01	6.7E-01	9.5E-10
502	9.1E+00	2.4E-07	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.5E-10	8.0E+00	7.7E-07	1.0E-03	6.5E-09	1.6E-01	6.7E-01	6.8E-10
503	8.0E+00	2.4E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.2E-10	7.3E+00	7.7E-07	1.0E-03	5.9E-09	1.6E-01	6.7E-01	6.2E-10
504	7.1E+00	2.4E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	6.6E+00	7.7E-07	1.0E-03	5.3E-09	1.6E-01	6.7E-01	5.6E-10
505	6.3E+00	2.4E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	6.0E+00	7.7E-07	1.0E-03	4.8E-09	1.6E-01	6.7E-01	5.1E-10
506	5.6E+00	2.4E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10	5.4E+00	7.7E-07	1.0E-03	4.4E-09	1.6E-01	6.7E-01	4.6E-10
507	5.0E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	4.9E+00	7.7E-07	1.0E-03	4.0E-09	1.6E-01	6.7E-01	4.2E-10
508	4.5E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10	4.5E+00	7.7E-07	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.8E-10
509	4.1E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10	4.1E+00	7.7E-07	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.5E-10
510	3.7E+00	2.4E-07	1.0E-03	9.6E-10	1.6E-01	6.7E-01	1.0E-10	3.8E+00	7.7E-07	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.2E-10
511	3.4E+00	2.4E-07	1.0E-03	8.7E-10	1.6E-01	6.7E-01	9.2E-11	3.4E+00	7.7E-07	1.0E-03	2.8E-09	1.6E-01	6.7E-01	2.9E-10
512	1.7E+01	2.4E-07	1.0E-03	4.3E-09	1.6E-01	6.7E-01	4.5E-10	5.9E+00	7.7E-07	1.0E-03	4.7E-09	1.6E-01	6.7E-01	5.0E-10
513	2.2E+01	2.4E-07	1.0E-03	5.5E-09	1.6E-01	6.7E-01	5.8E-10	6.6E+00	7.7E-07	1.0E-03	5.3E-09	1.6E-01	6.7E-01	5.6E-10
514	2.8E+01	2.4E-07	1.0E-03	7.1E-09	1.6E-01	6.7E-01	7.5E-10	7.4E+00	7.7E-07	1.0E-03	6.0E-09	1.6E-01	6.7E-01	6.3E-10
515	3.6E+01	2.4E-07	1.0E-03	9.1E-09	1.6E-01	6.7E-01	9.6E-10	8.3E+00	7.7E-07	1.0E-03	6.7E-09	1.6E-01	6.7E-01	7.1E-10
516	4.3E+01	2.4E-07	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.1E-09	9.2E+00	7.7E-07	1.0E-03	7.4E-09	1.6E-01	6.7E-01	7.8E-10

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
517	8.3E+00	2.4E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	7.1E+00	7.7E-07	1.0E-03	5.8E-09	1.6E-01	6.7E-01	6.1E-10
518	7.4E+00	2.4E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	6.6E+00	7.7E-07	1.0E-03	5.3E-09	1.6E-01	6.7E-01	5.6E-10
519	6.5E+00	2.4E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	6.0E+00	7.7E-07	1.0E-03	4.8E-09	1.6E-01	6.7E-01	5.1E-10
520	5.8E+00	2.4E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	5.5E+00	7.7E-07	1.0E-03	4.4E-09	1.6E-01	6.7E-01	4.6E-10
521	5.2E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	5.0E+00	7.7E-07	1.0E-03	4.0E-09	1.6E-01	6.7E-01	4.2E-10
522	4.7E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	4.6E+00	7.7E-07	1.0E-03	3.7E-09	1.6E-01	6.7E-01	3.9E-10
523	4.3E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10	4.2E+00	7.7E-07	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.6E-10
524	3.9E+00	2.4E-07	1.0E-03	9.9E-10	1.6E-01	6.7E-01	1.0E-10	3.8E+00	7.7E-07	1.0E-03	3.1E-09	1.6E-01	6.7E-01	3.3E-10
525	3.5E+00	2.4E-07	1.0E-03	9.1E-10	1.6E-01	6.7E-01	9.5E-11	3.5E+00	7.7E-07	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.0E-10
526	3.2E+00	2.4E-07	1.0E-03	8.3E-10	1.6E-01	6.7E-01	8.7E-11	3.2E+00	7.7E-07	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10
527	1.4E+01	2.4E-07	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.7E-10	5.2E+00	7.7E-07	1.0E-03	4.2E-09	1.6E-01	6.7E-01	4.4E-10
528	1.7E+01	2.4E-07	1.0E-03	4.4E-09	1.6E-01	6.7E-01	4.6E-10	5.8E+00	7.7E-07	1.0E-03	4.7E-09	1.6E-01	6.7E-01	4.9E-10
529	2.1E+01	2.4E-07	1.0E-03	5.4E-09	1.6E-01	6.7E-01	5.6E-10	6.4E+00	7.7E-07	1.0E-03	5.2E-09	1.6E-01	6.7E-01	5.4E-10
530	2.5E+01	2.4E-07	1.0E-03	6.4E-09	1.6E-01	6.7E-01	6.7E-10	7.1E+00	7.7E-07	1.0E-03	5.7E-09	1.6E-01	6.7E-01	6.0E-10
531	2.8E+01	2.4E-07	1.0E-03	7.2E-09	1.6E-01	6.7E-01	7.5E-10	7.8E+00	7.7E-07	1.0E-03	6.3E-09	1.6E-01	6.7E-01	6.6E-10
532	7.6E+00	2.4E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	6.4E+00	7.7E-07	1.0E-03	5.2E-09	1.6E-01	6.7E-01	5.4E-10
533	6.8E+00	2.4E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	5.9E+00	7.7E-07	1.0E-03	4.8E-09	1.6E-01	6.7E-01	5.0E-10
534	6.0E+00	2.4E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	5.4E+00	7.7E-07	1.0E-03	4.4E-09	1.6E-01	6.7E-01	4.6E-10
535	5.4E+00	2.4E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.4E-10	5.0E+00	7.7E-07	1.0E-03	4.0E-09	1.6E-01	6.7E-01	4.2E-10
536	4.9E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	4.6E+00	7.7E-07	1.0E-03	3.7E-09	1.6E-01	6.7E-01	3.9E-10
537	4.4E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10	4.2E+00	7.7E-07	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.6E-10
538	4.0E+00	2.4E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	3.9E+00	7.7E-07	1.0E-03	3.1E-09	1.6E-01	6.7E-01	3.3E-10
539	3.7E+00	2.4E-07	1.0E-03	9.4E-10	1.6E-01	6.7E-01	9.8E-11	3.6E+00	7.7E-07	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.0E-10
540	3.3E+00	2.4E-07	1.0E-03	8.5E-10	1.6E-01	6.7E-01	9.0E-11	3.3E+00	7.7E-07	1.0E-03	2.7E-09	1.6E-01	6.7E-01	2.8E-10
541	3.0E+00	2.4E-07	1.0E-03	7.8E-10	1.6E-01	6.7E-01	8.2E-11	3.0E+00	7.7E-07	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.6E-10
542	1.2E+01	2.4E-07	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.1E-10	4.6E+00	7.7E-07	1.0E-03	3.7E-09	1.6E-01	6.7E-01	3.9E-10
543	1.4E+01	2.4E-07	1.0E-03	3.5E-09	1.6E-01	6.7E-01	3.7E-10	5.1E+00	7.7E-07	1.0E-03	4.1E-09	1.6E-01	6.7E-01	4.3E-10
544	1.6E+01	2.4E-07	1.0E-03	4.1E-09	1.6E-01	6.7E-01	4.3E-10	5.6E+00	7.7E-07	1.0E-03	4.5E-09	1.6E-01	6.7E-01	4.8E-10
545	1.8E+01	2.4E-07	1.0E-03	4.7E-09	1.6E-01	6.7E-01	4.9E-10	6.1E+00	7.7E-07	1.0E-03	4.9E-09	1.6E-01	6.7E-01	5.2E-10
546	2.0E+01	2.4E-07	1.0E-03	5.1E-09	1.6E-01	6.7E-01	5.4E-10	6.6E+00	7.7E-07	1.0E-03	5.3E-09	1.6E-01	6.7E-01	5.6E-10
547	6.9E+00	2.4E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	5.7E+00	7.7E-07	1.0E-03	4.6E-09	1.6E-01	6.7E-01	4.9E-10
548	6.2E+00	2.4E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	5.3E+00	7.7E-07	1.0E-03	4.3E-09	1.6E-01	6.7E-01	4.5E-10
549	5.5E+00	2.4E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10	4.9E+00	7.7E-07	1.0E-03	4.0E-09	1.6E-01	6.7E-01	4.2E-10
550	5.0E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10	4.6E+00	7.7E-07	1.0E-03	3.7E-09	1.6E-01	6.7E-01	3.9E-10
551	4.5E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10	4.2E+00	7.7E-07	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.5E-10
552	4.0E+00	2.4E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	3.8E+00	7.7E-07	1.0E-03	3.1E-09	1.6E-01	6.7E-01	3.3E-10
553	3.7E+00	2.4E-07	1.0E-03	9.5E-10	1.6E-01	6.7E-01	9.9E-11	3.6E+00	7.7E-07	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.0E-10
554	3.4E+00	2.4E-07	1.0E-03	8.7E-10	1.6E-01	6.7E-01	9.1E-11	3.3E+00	7.7E-07	1.0E-03	2.7E-09	1.6E-01	6.7E-01	2.8E-10
555	3.1E+00	2.4E-07	1.0E-03	8.0E-10	1.6E-01	6.7E-01	8.4E-11	3.1E+00	7.7E-07	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.6E-10
556	2.9E+00	2.4E-07	1.0E-03	7.3E-10	1.6E-01	6.7E-01	7.7E-11	2.8E+00	7.7E-07	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10
557	9.6E+00	2.4E-07	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.6E-10	4.1E+00	7.7E-07	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.5E-10
558	1.1E+01	2.4E-07	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.0E-10	4.5E+00	7.7E-07	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.8E-10
559	1.3E+01	2.4E-07	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.4E-10	4.9E+00	7.7E-07	1.0E-03	4.0E-09	1.6E-01	6.7E-01	4.2E-10

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
560	1.4E+01	2.4E-07	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.8E-10	5.3E+00	7.7E-07	1.0E-03	4.3E-09	1.6E-01	6.7E-01	4.5E-10
561	1.5E+01	2.4E-07	1.0E-03	3.9E-09	1.6E-01	6.7E-01	4.1E-10	5.7E+00	7.7E-07	1.0E-03	4.6E-09	1.6E-01	6.7E-01	4.8E-10
562	5.7E+00	2.4E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10	4.9E+00	7.7E-07	1.0E-03	3.9E-09	1.6E-01	6.7E-01	4.1E-10
563	5.1E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	4.5E+00	7.7E-07	1.0E-03	3.7E-09	1.6E-01	6.7E-01	3.8E-10
564	4.6E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10	4.2E+00	7.7E-07	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.6E-10
565	4.1E+00	2.4E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	3.8E+00	7.7E-07	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.2E-10
566	3.7E+00	2.4E-07	1.0E-03	9.4E-10	1.6E-01	6.7E-01	9.9E-11	3.5E+00	7.7E-07	1.0E-03	2.8E-09	1.6E-01	6.7E-01	3.0E-10
567	3.4E+00	2.4E-07	1.0E-03	8.6E-10	1.6E-01	6.7E-01	9.1E-11	3.2E+00	7.7E-07	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10
568	3.1E+00	2.4E-07	1.0E-03	7.9E-10	1.6E-01	6.7E-01	8.3E-11	3.0E+00	7.7E-07	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.6E-10
569	2.9E+00	2.4E-07	1.0E-03	7.3E-10	1.6E-01	6.7E-01	7.7E-11	2.8E+00	7.7E-07	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10
570	2.7E+00	2.4E-07	1.0E-03	6.8E-10	1.6E-01	6.7E-01	7.2E-11	2.6E+00	7.7E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10
571	8.2E+00	2.4E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	3.7E+00	7.7E-07	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.1E-10
572	9.3E+00	2.4E-07	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	4.0E+00	7.7E-07	1.0E-03	3.2E-09	1.6E-01	6.7E-01	3.4E-10
573	1.0E+01	2.4E-07	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.8E-10	4.3E+00	7.7E-07	1.0E-03	3.5E-09	1.6E-01	6.7E-01	3.7E-10
574	1.1E+01	2.4E-07	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.0E-10	4.7E+00	7.7E-07	1.0E-03	3.8E-09	1.6E-01	6.7E-01	4.0E-10
575	1.2E+01	2.4E-07	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.2E-10	5.0E+00	7.7E-07	1.0E-03	4.0E-09	1.6E-01	6.7E-01	4.2E-10
576	4.8E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	4.2E+00	7.7E-07	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.5E-10
577	4.3E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10	3.9E+00	7.7E-07	1.0E-03	3.1E-09	1.6E-01	6.7E-01	3.3E-10
578	3.9E+00	2.4E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.0E-10	3.6E+00	7.7E-07	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.0E-10
579	3.6E+00	2.4E-07	1.0E-03	9.1E-10	1.6E-01	6.7E-01	9.6E-11	3.3E+00	7.7E-07	1.0E-03	2.7E-09	1.6E-01	6.7E-01	2.8E-10
580	3.3E+00	2.4E-07	1.0E-03	8.3E-10	1.6E-01	6.7E-01	8.8E-11	3.1E+00	7.7E-07	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.6E-10
581	3.0E+00	2.4E-07	1.0E-03	7.6E-10	1.6E-01	6.7E-01	8.0E-11	2.9E+00	7.7E-07	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10
582	2.7E+00	2.4E-07	1.0E-03	7.0E-10	1.6E-01	6.7E-01	7.3E-11	2.7E+00	7.7E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10
583	2.5E+00	2.4E-07	1.0E-03	6.4E-10	1.6E-01	6.7E-01	6.7E-11	2.5E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
584	7.0E+00	2.4E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	3.3E+00	7.7E-07	1.0E-03	2.7E-09	1.6E-01	6.7E-01	2.8E-10
585	7.8E+00	2.4E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	3.6E+00	7.7E-07	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.1E-10
586	8.5E+00	2.4E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	3.9E+00	7.7E-07	1.0E-03	3.1E-09	1.6E-01	6.7E-01	3.3E-10
587	9.1E+00	2.4E-07	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.5E-10	4.1E+00	7.7E-07	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.5E-10
588	9.7E+00	2.4E-07	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.6E-10	4.4E+00	7.7E-07	1.0E-03	3.5E-09	1.6E-01	6.7E-01	3.7E-10
589	4.1E+00	2.4E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	3.6E+00	7.7E-07	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.1E-10
590	3.8E+00	2.4E-07	1.0E-03	9.7E-10	1.6E-01	6.7E-01	1.0E-10	3.4E+00	7.7E-07	1.0E-03	2.8E-09	1.6E-01	6.7E-01	2.9E-10
591	3.5E+00	2.4E-07	1.0E-03	8.9E-10	1.6E-01	6.7E-01	9.3E-11	3.2E+00	7.7E-07	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10
592	3.2E+00	2.4E-07	1.0E-03	8.1E-10	1.6E-01	6.7E-01	8.5E-11	3.0E+00	7.7E-07	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10
593	2.9E+00	2.4E-07	1.0E-03	7.5E-10	1.6E-01	6.7E-01	7.9E-11	2.8E+00	7.7E-07	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10
594	2.7E+00	2.4E-07	1.0E-03	6.8E-10	1.6E-01	6.7E-01	7.2E-11	2.6E+00	7.7E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10
595	2.4E+00	2.4E-07	1.0E-03	6.2E-10	1.6E-01	6.7E-01	6.6E-11	2.4E+00	7.7E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10
596	6.0E+00	2.4E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	3.0E+00	7.7E-07	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.6E-10
597	6.6E+00	2.4E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	3.3E+00	7.7E-07	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.8E-10
598	7.1E+00	2.4E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	3.5E+00	7.7E-07	1.0E-03	2.8E-09	1.6E-01	6.7E-01	3.0E-10
599	7.6E+00	2.4E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.0E-10	3.7E+00	7.7E-07	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.1E-10
600	8.0E+00	2.4E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.2E-10	3.9E+00	7.7E-07	1.0E-03	3.1E-09	1.6E-01	6.7E-01	3.3E-10
601	3.5E+00	2.4E-07	1.0E-03	9.1E-10	1.6E-01	6.7E-01	9.5E-11	3.2E+00	7.7E-07	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10
602	3.3E+00	2.4E-07	1.0E-03	8.4E-10	1.6E-01	6.7E-01	8.8E-11	3.0E+00	7.7E-07	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.6E-10

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
603	3.0E+00	2.4E-07	1.0E-03	7.7E-10	1.6E-01	6.7E-01	8.1E-11	2.8E+00	7.7E-07	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10
604	2.8E+00	2.4E-07	1.0E-03	7.2E-10	1.6E-01	6.7E-01	7.5E-11	2.7E+00	7.7E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.3E-10
605	2.6E+00	2.4E-07	1.0E-03	6.6E-10	1.6E-01	6.7E-01	6.9E-11	2.5E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
606	2.4E+00	2.4E-07	1.0E-03	6.1E-10	1.6E-01	6.7E-01	6.4E-11	2.3E+00	7.7E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10
607	5.2E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	2.7E+00	7.7E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10
608	5.7E+00	2.4E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10	2.9E+00	7.7E-07	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10
609	6.1E+00	2.4E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.6E-10	3.1E+00	7.7E-07	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.7E-10
610	6.5E+00	2.4E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.7E-10	3.3E+00	7.7E-07	1.0E-03	2.7E-09	1.6E-01	6.7E-01	2.8E-10
611	6.8E+00	2.4E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	3.5E+00	7.7E-07	1.0E-03	2.8E-09	1.6E-01	6.7E-01	3.0E-10
612	3.3E+00	2.4E-07	1.0E-03	8.5E-10	1.6E-01	6.7E-01	9.0E-11	3.0E+00	7.7E-07	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10
613	3.1E+00	2.4E-07	1.0E-03	7.9E-10	1.6E-01	6.7E-01	8.3E-11	2.8E+00	7.7E-07	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10
614	2.9E+00	2.4E-07	1.0E-03	7.4E-10	1.6E-01	6.7E-01	7.7E-11	2.7E+00	7.7E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10
615	2.7E+00	2.4E-07	1.0E-03	6.8E-10	1.6E-01	6.7E-01	7.2E-11	2.5E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
616	2.5E+00	2.4E-07	1.0E-03	6.3E-10	1.6E-01	6.7E-01	6.6E-11	2.4E+00	7.7E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10
617	2.3E+00	2.4E-07	1.0E-03	5.8E-10	1.6E-01	6.7E-01	6.1E-11	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
618	4.6E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10	2.5E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
619	4.9E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10	2.7E+00	7.7E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10
620	5.3E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	2.8E+00	7.7E-07	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10
621	5.6E+00	2.4E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10	3.0E+00	7.7E-07	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10
622	5.8E+00	2.4E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	3.1E+00	7.7E-07	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.7E-10
623	3.1E+00	2.4E-07	1.0E-03	8.0E-10	1.6E-01	6.7E-01	8.4E-11	2.8E+00	7.7E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.4E-10
624	2.9E+00	2.4E-07	1.0E-03	7.5E-10	1.6E-01	6.7E-01	7.9E-11	2.6E+00	7.7E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10
625	2.7E+00	2.4E-07	1.0E-03	7.0E-10	1.6E-01	6.7E-01	7.3E-11	2.5E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
626	2.5E+00	2.4E-07	1.0E-03	6.5E-10	1.6E-01	6.7E-01	6.8E-11	2.4E+00	7.7E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10
627	2.4E+00	2.4E-07	1.0E-03	6.1E-10	1.6E-01	6.7E-01	6.4E-11	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
628	2.2E+00	2.4E-07	1.0E-03	5.6E-10	1.6E-01	6.7E-01	5.9E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
629	4.1E+00	2.4E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	2.3E+00	7.7E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10
630	4.3E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10	2.4E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
631	4.6E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10	2.6E+00	7.7E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10
632	4.8E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	2.7E+00	7.7E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10
633	5.0E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	2.8E+00	7.7E-07	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10
634	3.0E+00	2.4E-07	1.0E-03	7.6E-10	1.6E-01	6.7E-01	8.0E-11	2.6E+00	7.7E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10
635	2.8E+00	2.4E-07	1.0E-03	7.1E-10	1.6E-01	6.7E-01	7.4E-11	2.5E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
636	2.6E+00	2.4E-07	1.0E-03	6.6E-10	1.6E-01	6.7E-01	7.0E-11	2.4E+00	7.7E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10
637	2.4E+00	2.4E-07	1.0E-03	6.2E-10	1.6E-01	6.7E-01	6.5E-11	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
638	2.3E+00	2.4E-07	1.0E-03	5.8E-10	1.6E-01	6.7E-01	6.1E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
639	2.1E+00	2.4E-07	1.0E-03	5.4E-10	1.6E-01	6.7E-01	5.7E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
640	3.6E+00	2.4E-07	1.0E-03	9.2E-10	1.6E-01	6.7E-01	9.7E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
641	3.8E+00	2.4E-07	1.0E-03	9.8E-10	1.6E-01	6.7E-01	1.0E-10	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
642	4.1E+00	2.4E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	2.4E+00	7.7E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10
643	4.3E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10	2.5E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
644	4.4E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10	2.6E+00	7.7E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10
645	2.8E+00	2.4E-07	1.0E-03	7.1E-10	1.6E-01	6.7E-01	7.5E-11	2.4E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
646	2.6E+00	2.4E-07	1.0E-03	6.7E-10	1.6E-01	6.7E-01	7.0E-11	2.3E+00	7.7E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10
647	2.5E+00	2.4E-07	1.0E-03	6.3E-10	1.6E-01	6.7E-01	6.6E-11	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
648	2.3E+00	2.4E-07	1.0E-03	5.9E-10	1.6E-01	6.7E-01	6.2E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
649	2.2E+00	2.4E-07	1.0E-03	5.5E-10	1.6E-01	6.7E-01	5.8E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
650	2.0E+00	2.4E-07	1.0E-03	5.2E-10	1.6E-01	6.7E-01	5.5E-11	1.9E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.6E-10
651	3.2E+00	2.4E-07	1.0E-03	8.3E-10	1.6E-01	6.7E-01	8.7E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
652	3.4E+00	2.4E-07	1.0E-03	8.8E-10	1.6E-01	6.7E-01	9.2E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
653	3.6E+00	2.4E-07	1.0E-03	9.2E-10	1.6E-01	6.7E-01	9.7E-11	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.8E-10
654	3.8E+00	2.4E-07	1.0E-03	9.7E-10	1.6E-01	6.7E-01	1.0E-10	2.3E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
655	3.9E+00	2.4E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	2.4E+00	7.7E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10
656	4.0E+00	2.4E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	2.4E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
657	4.1E+00	2.4E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	2.5E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
658	4.1E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10	2.6E+00	7.7E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10
659	4.1E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10	2.6E+00	7.7E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10
660	4.1E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10	2.7E+00	7.7E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10
661	4.0E+00	2.4E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	2.7E+00	7.7E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10
662	3.9E+00	2.4E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	2.7E+00	7.7E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10
663	3.8E+00	2.4E-07	1.0E-03	9.8E-10	1.6E-01	6.7E-01	1.0E-10	2.7E+00	7.7E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10
664	3.7E+00	2.4E-07	1.0E-03	9.5E-10	1.6E-01	6.7E-01	1.0E-10	2.7E+00	7.7E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10
665	3.6E+00	2.4E-07	1.0E-03	9.1E-10	1.6E-01	6.7E-01	9.6E-11	2.7E+00	7.7E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.3E-10
666	3.4E+00	2.4E-07	1.0E-03	8.7E-10	1.6E-01	6.7E-01	9.2E-11	2.6E+00	7.7E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10
667	3.3E+00	2.4E-07	1.0E-03	8.3E-10	1.6E-01	6.7E-01	8.7E-11	2.6E+00	7.7E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10
668	3.1E+00	2.4E-07	1.0E-03	7.9E-10	1.6E-01	6.7E-01	8.3E-11	2.5E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
669	2.9E+00	2.4E-07	1.0E-03	7.5E-10	1.6E-01	6.7E-01	7.9E-11	2.4E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
670	2.8E+00	2.4E-07	1.0E-03	7.1E-10	1.6E-01	6.7E-01	7.5E-11	2.3E+00	7.7E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10
671	2.6E+00	2.4E-07	1.0E-03	6.7E-10	1.6E-01	6.7E-01	7.0E-11	2.3E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
672	2.5E+00	2.4E-07	1.0E-03	6.3E-10	1.6E-01	6.7E-01	6.7E-11	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
673	2.3E+00	2.4E-07	1.0E-03	6.0E-10	1.6E-01	6.7E-01	6.3E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
674	2.2E+00	2.4E-07	1.0E-03	5.6E-10	1.6E-01	6.7E-01	5.9E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
675	2.1E+00	2.4E-07	1.0E-03	5.3E-10	1.6E-01	6.7E-01	5.6E-11	1.9E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
676	1.9E+00	2.4E-07	1.0E-03	5.0E-10	1.6E-01	6.7E-01	5.2E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
677	2.9E+00	2.4E-07	1.0E-03	7.5E-10	1.6E-01	6.7E-01	7.9E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10
678	3.1E+00	2.4E-07	1.0E-03	7.9E-10	1.6E-01	6.7E-01	8.3E-11	1.9E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
679	3.2E+00	2.4E-07	1.0E-03	8.3E-10	1.6E-01	6.7E-01	8.7E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
680	3.4E+00	2.4E-07	1.0E-03	8.6E-10	1.6E-01	6.7E-01	9.1E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
681	3.5E+00	2.4E-07	1.0E-03	8.9E-10	1.6E-01	6.7E-01	9.4E-11	2.2E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
682	3.6E+00	2.4E-07	1.0E-03	9.2E-10	1.6E-01	6.7E-01	9.6E-11	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
683	3.7E+00	2.4E-07	1.0E-03	9.4E-10	1.6E-01	6.7E-01	9.8E-11	2.3E+00	7.7E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10
684	3.7E+00	2.4E-07	1.0E-03	9.5E-10	1.6E-01	6.7E-01	9.9E-11	2.4E+00	7.7E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10
685	3.7E+00	2.4E-07	1.0E-03	9.5E-10	1.6E-01	6.7E-01	1.0E-10	2.4E+00	7.7E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10
686	3.7E+00	2.4E-07	1.0E-03	9.4E-10	1.6E-01	6.7E-01	9.9E-11	2.4E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
687	3.6E+00	2.4E-07	1.0E-03	9.3E-10	1.6E-01	6.7E-01	9.8E-11	2.5E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
688	3.6E+00	2.4E-07	1.0E-03	9.2E-10	1.6E-01	6.7E-01	9.6E-11	2.5E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
689	3.5E+00	2.4E-07	1.0E-03	8.9E-10	1.6E-01	6.7E-01	9.4E-11	2.5E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
690	3.4E+00	2.4E-07	1.0E-03	8.7E-10	1.6E-01	6.7E-01	9.1E-11	2.5E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
691	3.3E+00	2.4E-07	1.0E-03	8.4E-10	1.6E-01	6.7E-01	8.8E-11	2.4E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
692	3.1E+00	2.4E-07	1.0E-03	8.1E-10	1.6E-01	6.7E-01	8.5E-11	2.4E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.0E-10
693	3.0E+00	2.4E-07	1.0E-03	7.7E-10	1.6E-01	6.7E-01	8.1E-11	2.4E+00	7.7E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10
694	2.9E+00	2.4E-07	1.0E-03	7.4E-10	1.6E-01	6.7E-01	7.7E-11	2.3E+00	7.7E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10
695	2.7E+00	2.4E-07	1.0E-03	7.0E-10	1.6E-01	6.7E-01	7.4E-11	2.3E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
696	2.6E+00	2.4E-07	1.0E-03	6.7E-10	1.6E-01	6.7E-01	7.0E-11	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
697	2.5E+00	2.4E-07	1.0E-03	6.3E-10	1.6E-01	6.7E-01	6.6E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
698	2.3E+00	2.4E-07	1.0E-03	6.0E-10	1.6E-01	6.7E-01	6.3E-11	2.0E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.7E-10
699	2.2E+00	2.4E-07	1.0E-03	5.7E-10	1.6E-01	6.7E-01	5.9E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
700	2.1E+00	2.4E-07	1.0E-03	5.4E-10	1.6E-01	6.7E-01	5.6E-11	1.9E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
701	2.0E+00	2.4E-07	1.0E-03	5.1E-10	1.6E-01	6.7E-01	5.3E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10
702	1.9E+00	2.4E-07	1.0E-03	4.8E-10	1.6E-01	6.7E-01	5.0E-11	1.7E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
703	2.7E+00	2.4E-07	1.0E-03	6.8E-10	1.6E-01	6.7E-01	7.1E-11	1.7E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.4E-10
704	2.8E+00	2.4E-07	1.0E-03	7.1E-10	1.6E-01	6.7E-01	7.5E-11	1.8E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
705	2.9E+00	2.4E-07	1.0E-03	7.5E-10	1.6E-01	6.7E-01	7.9E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
706	3.0E+00	2.4E-07	1.0E-03	7.8E-10	1.6E-01	6.7E-01	8.2E-11	1.9E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.6E-10
707	3.1E+00	2.4E-07	1.0E-03	8.0E-10	1.6E-01	6.7E-01	8.4E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
708	3.2E+00	2.4E-07	1.0E-03	8.2E-10	1.6E-01	6.7E-01	8.7E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.7E-10
709	3.3E+00	2.4E-07	1.0E-03	8.4E-10	1.6E-01	6.7E-01	8.8E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
710	3.3E+00	2.4E-07	1.0E-03	8.5E-10	1.6E-01	6.7E-01	8.9E-11	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.8E-10
711	3.3E+00	2.4E-07	1.0E-03	8.5E-10	1.6E-01	6.7E-01	9.0E-11	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
712	3.3E+00	2.4E-07	1.0E-03	8.5E-10	1.6E-01	6.7E-01	9.0E-11	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
713	3.3E+00	2.4E-07	1.0E-03	8.5E-10	1.6E-01	6.7E-01	8.9E-11	2.3E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
714	3.3E+00	2.4E-07	1.0E-03	8.3E-10	1.6E-01	6.7E-01	8.7E-11	2.3E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
715	3.2E+00	2.4E-07	1.0E-03	8.1E-10	1.6E-01	6.7E-01	8.6E-11	2.3E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
716	3.1E+00	2.4E-07	1.0E-03	7.9E-10	1.6E-01	6.7E-01	8.3E-11	2.3E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
717	3.0E+00	2.4E-07	1.0E-03	7.7E-10	1.6E-01	6.7E-01	8.1E-11	2.3E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
718	2.9E+00	2.4E-07	1.0E-03	7.4E-10	1.6E-01	6.7E-01	7.8E-11	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
719	2.8E+00	2.4E-07	1.0E-03	7.2E-10	1.6E-01	6.7E-01	7.5E-11	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
720	2.7E+00	2.4E-07	1.0E-03	6.9E-10	1.6E-01	6.7E-01	7.2E-11	2.2E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
721	2.6E+00	2.4E-07	1.0E-03	6.6E-10	1.6E-01	6.7E-01	6.9E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
722	2.4E+00	2.4E-07	1.0E-03	6.2E-10	1.6E-01	6.7E-01	6.6E-11	2.0E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.7E-10
723	2.3E+00	2.4E-07	1.0E-03	5.9E-10	1.6E-01	6.7E-01	6.2E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
724	2.2E+00	2.4E-07	1.0E-03	5.7E-10	1.6E-01	6.7E-01	5.9E-11	1.9E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.6E-10
725	2.1E+00	2.4E-07	1.0E-03	5.4E-10	1.6E-01	6.7E-01	5.6E-11	1.9E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
726	2.0E+00	2.4E-07	1.0E-03	5.1E-10	1.6E-01	6.7E-01	5.4E-11	1.8E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
727	1.9E+00	2.4E-07	1.0E-03	4.8E-10	1.6E-01	6.7E-01	5.1E-11	1.7E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
728	1.8E+00	2.4E-07	1.0E-03	4.6E-10	1.6E-01	6.7E-01	4.8E-11	1.7E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10
729	2.4E+00	2.4E-07	1.0E-03	6.2E-10	1.6E-01	6.7E-01	6.5E-11	1.6E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10
730	2.5E+00	2.4E-07	1.0E-03	6.5E-10	1.6E-01	6.7E-01	6.8E-11	1.6E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10
731	2.6E+00	2.4E-07	1.0E-03	6.8E-10	1.6E-01	6.7E-01	7.1E-11	1.7E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
732	2.7E+00	2.4E-07	1.0E-03	7.0E-10	1.6E-01	6.7E-01	7.4E-11	1.8E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
733	2.8E+00	2.4E-07	1.0E-03	7.3E-10	1.6E-01	6.7E-01	7.6E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
734	2.9E+00	2.4E-07	1.0E-03	7.5E-10	1.6E-01	6.7E-01	7.8E-11	1.9E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
735	3.0E+00	2.4E-07	1.0E-03	7.6E-10	1.6E-01	6.7E-01	8.0E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
736	3.0E+00	2.4E-07	1.0E-03	7.7E-10	1.6E-01	6.7E-01	8.1E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
737	3.0E+00	2.4E-07	1.0E-03	7.7E-10	1.6E-01	6.7E-01	8.1E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
738	3.0E+00	2.4E-07	1.0E-03	7.7E-10	1.6E-01	6.7E-01	8.1E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
739	3.0E+00	2.4E-07	1.0E-03	7.7E-10	1.6E-01	6.7E-01	8.1E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
740	3.0E+00	2.4E-07	1.0E-03	7.6E-10	1.6E-01	6.7E-01	8.0E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
741	2.9E+00	2.4E-07	1.0E-03	7.5E-10	1.6E-01	6.7E-01	7.8E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
742	2.9E+00	2.4E-07	1.0E-03	7.3E-10	1.6E-01	6.7E-01	7.7E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
743	2.8E+00	2.4E-07	1.0E-03	7.1E-10	1.6E-01	6.7E-01	7.5E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
744	2.7E+00	2.4E-07	1.0E-03	6.9E-10	1.6E-01	6.7E-01	7.2E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
745	2.6E+00	2.4E-07	1.0E-03	6.7E-10	1.6E-01	6.7E-01	7.0E-11	2.0E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.7E-10
746	2.5E+00	2.4E-07	1.0E-03	6.4E-10	1.6E-01	6.7E-01	6.7E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
747	2.4E+00	2.4E-07	1.0E-03	6.1E-10	1.6E-01	6.7E-01	6.5E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
748	2.3E+00	2.4E-07	1.0E-03	5.9E-10	1.6E-01	6.7E-01	6.2E-11	1.9E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
749	2.2E+00	2.4E-07	1.0E-03	5.6E-10	1.6E-01	6.7E-01	5.9E-11	1.9E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
750	2.1E+00	2.4E-07	1.0E-03	5.3E-10	1.6E-01	6.7E-01	5.6E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10
751	2.0E+00	2.4E-07	1.0E-03	5.1E-10	1.6E-01	6.7E-01	5.3E-11	1.8E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
752	1.9E+00	2.4E-07	1.0E-03	4.8E-10	1.6E-01	6.7E-01	5.1E-11	1.7E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.4E-10
753	1.8E+00	2.4E-07	1.0E-03	4.6E-10	1.6E-01	6.7E-01	4.8E-11	1.6E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10
754	1.7E+00	2.4E-07	1.0E-03	4.4E-10	1.6E-01	6.7E-01	4.6E-11	1.6E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10
755	2.2E+00	2.4E-07	1.0E-03	5.7E-10	1.6E-01	6.7E-01	6.0E-11	1.5E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10
756	2.3E+00	2.4E-07	1.0E-03	5.9E-10	1.6E-01	6.7E-01	6.2E-11	1.5E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10
757	2.4E+00	2.4E-07	1.0E-03	6.2E-10	1.6E-01	6.7E-01	6.5E-11	1.6E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10
758	2.5E+00	2.4E-07	1.0E-03	6.4E-10	1.6E-01	6.7E-01	6.7E-11	1.6E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10
759	2.6E+00	2.4E-07	1.0E-03	6.6E-10	1.6E-01	6.7E-01	6.9E-11	1.7E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.4E-10
760	2.6E+00	2.4E-07	1.0E-03	6.8E-10	1.6E-01	6.7E-01	7.1E-11	1.8E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
761	2.7E+00	2.4E-07	1.0E-03	6.9E-10	1.6E-01	6.7E-01	7.2E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10
762	2.7E+00	2.4E-07	1.0E-03	7.0E-10	1.6E-01	6.7E-01	7.3E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
763	2.8E+00	2.4E-07	1.0E-03	7.0E-10	1.6E-01	6.7E-01	7.4E-11	1.9E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
764	2.8E+00	2.4E-07	1.0E-03	7.1E-10	1.6E-01	6.7E-01	7.4E-11	1.9E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
765	2.7E+00	2.4E-07	1.0E-03	7.0E-10	1.6E-01	6.7E-01	7.4E-11	1.9E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.6E-10
766	2.7E+00	2.4E-07	1.0E-03	7.0E-10	1.6E-01	6.7E-01	7.3E-11	1.9E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
767	2.7E+00	2.4E-07	1.0E-03	6.8E-10	1.6E-01	6.7E-01	7.2E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
768	2.6E+00	2.4E-07	1.0E-03	6.7E-10	1.6E-01	6.7E-01	7.1E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
769	2.6E+00	2.4E-07	1.0E-03	6.6E-10	1.6E-01	6.7E-01	6.9E-11	1.9E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
770	2.5E+00	2.4E-07	1.0E-03	6.4E-10	1.6E-01	6.7E-01	6.7E-11	1.9E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.6E-10
771	2.4E+00	2.4E-07	1.0E-03	6.2E-10	1.6E-01	6.7E-01	6.5E-11	1.9E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
772	2.3E+00	2.4E-07	1.0E-03	6.0E-10	1.6E-01	6.7E-01	6.3E-11	1.9E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
773	2.2E+00	2.4E-07	1.0E-03	5.8E-10	1.6E-01	6.7E-01	6.0E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
774	2.2E+00	2.4E-07	1.0E-03	5.5E-10	1.6E-01	6.7E-01	5.8E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
775	2.1E+00	2.4E-07	1.0E-03	5.3E-10	1.6E-01	6.7E-01	5.5E-11	1.8E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
776	2.0E+00	2.4E-07	1.0E-03	5.1E-10	1.6E-01	6.7E-01	5.3E-11	1.7E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.4E-10
777	1.9E+00	2.4E-07	1.0E-03	4.8E-10	1.6E-01	6.7E-01	5.1E-11	1.7E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10
778	1.8E+00	2.4E-07	1.0E-03	4.6E-10	1.6E-01	6.7E-01	4.8E-11	1.6E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10
779	1.7E+00	2.4E-07	1.0E-03	4.4E-10	1.6E-01	6.7E-01	4.6E-11	1.6E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10
780	1.6E+00	2.4E-07	1.0E-03	4.2E-10	1.6E-01	6.7E-01	4.4E-11	1.5E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10
781	2.0E+00	2.4E-07	1.0E-03	5.2E-10	1.6E-01	6.7E-01	5.5E-11	1.4E+00	7.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10
782	2.1E+00	2.4E-07	1.0E-03	5.4E-10	1.6E-01	6.7E-01	5.7E-11	1.4E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10
783	2.2E+00	2.4E-07	1.0E-03	5.7E-10	1.6E-01	6.7E-01	5.9E-11	1.5E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10
784	2.3E+00	2.4E-07	1.0E-03	5.9E-10	1.6E-01	6.7E-01	6.1E-11	1.5E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10
785	2.4E+00	2.4E-07	1.0E-03	6.0E-10	1.6E-01	6.7E-01	6.3E-11	1.6E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10
786	2.4E+00	2.4E-07	1.0E-03	6.2E-10	1.6E-01	6.7E-01	6.5E-11	1.6E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10
787	2.5E+00	2.4E-07	1.0E-03	6.3E-10	1.6E-01	6.7E-01	6.6E-11	1.7E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.4E-10
788	2.5E+00	2.4E-07	1.0E-03	6.4E-10	1.6E-01	6.7E-01	6.7E-11	1.7E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
789	2.5E+00	2.4E-07	1.0E-03	6.4E-10	1.6E-01	6.7E-01	6.8E-11	1.7E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
790	2.5E+00	2.4E-07	1.0E-03	6.5E-10	1.6E-01	6.7E-01	6.8E-11	1.8E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
791	2.5E+00	2.4E-07	1.0E-03	6.4E-10	1.6E-01	6.7E-01	6.8E-11	1.8E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
792	2.5E+00	2.4E-07	1.0E-03	6.4E-10	1.6E-01	6.7E-01	6.7E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10
793	2.5E+00	2.4E-07	1.0E-03	6.3E-10	1.6E-01	6.7E-01	6.6E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10
794	2.4E+00	2.4E-07	1.0E-03	6.2E-10	1.6E-01	6.7E-01	6.5E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10
795	2.4E+00	2.4E-07	1.0E-03	6.1E-10	1.6E-01	6.7E-01	6.4E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10
796	2.3E+00	2.4E-07	1.0E-03	5.9E-10	1.6E-01	6.7E-01	6.2E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10
797	2.3E+00	2.4E-07	1.0E-03	5.8E-10	1.6E-01	6.7E-01	6.1E-11	1.8E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
798	2.2E+00	2.4E-07	1.0E-03	5.6E-10	1.6E-01	6.7E-01	5.9E-11	1.8E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
799	2.1E+00	2.4E-07	1.0E-03	5.4E-10	1.6E-01	6.7E-01	5.7E-11	1.7E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
800	2.0E+00	2.4E-07	1.0E-03	5.2E-10	1.6E-01	6.7E-01	5.4E-11	1.7E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.4E-10
801	1.9E+00	2.4E-07	1.0E-03	5.0E-10	1.6E-01	6.7E-01	5.2E-11	1.6E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10
802	1.9E+00	2.4E-07	1.0E-03	4.8E-10	1.6E-01	6.7E-01	5.0E-11	1.6E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10
803	1.8E+00	2.4E-07	1.0E-03	4.6E-10	1.6E-01	6.7E-01	4.8E-11	1.6E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10
804	1.7E+00	2.4E-07	1.0E-03	4.4E-10	1.6E-01	6.7E-01	4.6E-11	1.5E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10
805	1.6E+00	2.4E-07	1.0E-03	4.2E-10	1.6E-01	6.7E-01	4.4E-11	1.5E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10
806	1.6E+00	2.4E-07	1.0E-03	4.0E-10	1.6E-01	6.7E-01	4.2E-11	1.4E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
1	5.1E-01	1.6E-06	1.0E-03	8.4E-10	1.6E-01	6.7E-01	8.9E-11	3.9E+00	1.7E-07	1.0E-03	6.9E-10	1.6E-01	6.7E-01	7.3E-11
2	6.4E-01	1.6E-06	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10	4.4E+00	1.7E-07	1.0E-03	7.8E-10	1.6E-01	6.7E-01	8.2E-11
3	8.1E-01	1.6E-06	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	4.7E+00	1.7E-07	1.0E-03	8.3E-10	1.6E-01	6.7E-01	8.7E-11
4	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.8E+00	1.7E-07	1.0E-03	8.6E-10	1.6E-01	6.7E-01	9.0E-11
5	1.4E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.4E-10	4.8E+00	1.7E-07	1.0E-03	8.6E-10	1.6E-01	6.7E-01	9.1E-11
6	1.7E+00	1.6E-06	1.0E-03	2.8E-09	1.6E-01	6.7E-01	3.0E-10	4.7E+00	1.7E-07	1.0E-03	8.3E-10	1.6E-01	6.7E-01	8.7E-11
7	2.1E+00	1.6E-06	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.6E-10	4.3E+00	1.7E-07	1.0E-03	7.6E-10	1.6E-01	6.7E-01	8.0E-11
8	2.4E+00	1.6E-06	1.0E-03	4.0E-09	1.6E-01	6.7E-01	4.2E-10	3.6E+00	1.7E-07	1.0E-03	6.4E-10	1.6E-01	6.7E-01	6.7E-11
9	2.6E+00	1.6E-06	1.0E-03	4.3E-09	1.6E-01	6.7E-01	4.5E-10	2.8E+00	1.7E-07	1.0E-03	5.0E-10	1.6E-01	6.7E-01	5.3E-11
10	2.5E+00	1.6E-06	1.0E-03	4.2E-09	1.6E-01	6.7E-01	4.4E-10	2.2E+00	1.7E-07	1.0E-03	3.8E-10	1.6E-01	6.7E-01	4.0E-11
11	2.3E+00	1.6E-06	1.0E-03	3.8E-09	1.6E-01	6.7E-01	4.0E-10	1.6E+00	1.7E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.1E-11
12	2.0E+00	1.6E-06	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.5E-10	1.3E+00	1.7E-07	1.0E-03	2.3E-10	1.6E-01	6.7E-01	2.4E-11
13	1.7E+00	1.6E-06	1.0E-03	2.8E-09	1.6E-01	6.7E-01	3.0E-10	1.0E+00	1.7E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11
14	1.4E+00	1.6E-06	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	8.0E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
15	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	6.5E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11
16	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	5.4E-01	1.7E-07	1.0E-03	9.6E-11	1.6E-01	6.7E-01	1.0E-11
17	5.9E-01	1.6E-06	1.0E-03	9.8E-10	1.6E-01	6.7E-01	1.0E-10	8.3E+00	1.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
18	7.7E-01	1.6E-06	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10	8.9E+00	1.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
19	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	9.3E+00	1.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.7E-10
20	1.4E+00	1.6E-06	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	9.5E+00	1.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
21	2.1E+00	1.6E-06	1.0E-03	3.5E-09	1.6E-01	6.7E-01	3.7E-10	9.4E+00	1.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
22	3.1E+00	1.6E-06	1.0E-03	5.2E-09	1.6E-01	6.7E-01	5.4E-10	9.0E+00	1.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
23	4.2E+00	1.6E-06	1.0E-03	7.0E-09	1.6E-01	6.7E-01	7.4E-10	7.7E+00	1.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.4E-10
24	4.9E+00	1.6E-06	1.0E-03	8.1E-09	1.6E-01	6.7E-01	8.6E-10	5.3E+00	1.7E-07	1.0E-03	9.4E-10	1.6E-01	6.7E-01	9.9E-11
25	4.5E+00	1.6E-06	1.0E-03	7.5E-09	1.6E-01	6.7E-01	7.9E-10	3.4E+00	1.7E-07	1.0E-03	6.1E-10	1.6E-01	6.7E-01	6.5E-11
26	3.8E+00	1.6E-06	1.0E-03	6.3E-09	1.6E-01	6.7E-01	6.6E-10	2.3E+00	1.7E-07	1.0E-03	4.2E-10	1.6E-01	6.7E-01	4.4E-11
27	3.1E+00	1.6E-06	1.0E-03	5.1E-09	1.6E-01	6.7E-01	5.3E-10	1.7E+00	1.7E-07	1.0E-03	3.0E-10	1.6E-01	6.7E-01	3.1E-11
28	2.5E+00	1.6E-06	1.0E-03	4.1E-09	1.6E-01	6.7E-01	4.3E-10	1.2E+00	1.7E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11
29	2.0E+00	1.6E-06	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.4E-10	9.4E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11
30	1.6E+00	1.6E-06	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.8E-10	7.5E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
31	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	6.1E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
32	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.8E-10	5.0E-01	1.7E-07	1.0E-03	8.9E-11	1.6E-01	6.7E-01	9.4E-12
33	6.7E-01	1.6E-06	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10	6.9E+00	1.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10
34	9.0E-01	1.6E-06	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	1.1E+01	1.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
35	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	6.2E+00	1.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10
36	2.0E+00	1.6E-06	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.4E-10	6.1E+00	1.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10
37	3.4E+00	1.6E-06	1.0E-03	5.7E-09	1.6E-01	6.7E-01	5.9E-10	6.0E+00	1.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10
38	7.2E+00	1.6E-06	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.3E-09	5.4E+00	1.7E-07	1.0E-03	9.6E-10	1.6E-01	6.7E-01	1.0E-10
39	1.6E+01	1.6E-06	1.0E-03	2.6E-08	1.6E-01	6.7E-01	2.7E-09	6.2E+00	1.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10
40	1.1E+01	1.6E-06	1.0E-03	1.9E-08	1.6E-01	6.7E-01	2.0E-09	7.1E+00	1.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10
41	7.5E+00	1.6E-06	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.3E-09	3.6E+00	1.7E-07	1.0E-03	6.5E-10	1.6E-01	6.7E-01	6.8E-11
42	5.2E+00	1.6E-06	1.0E-03	8.7E-09	1.6E-01	6.7E-01	9.1E-10	2.2E+00	1.7E-07	1.0E-03	4.0E-10	1.6E-01	6.7E-01	4.2E-11
43	3.8E+00	1.6E-06	1.0E-03	6.3E-09	1.6E-01	6.7E-01	6.6E-10	1.5E+00	1.7E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.8E-11

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
44	2.8E+00	1.6E-06	1.0E-03	4.7E-09	1.6E-01	6.7E-01	4.9E-10	1.1E+00	1.7E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11
45	2.1E+00	1.6E-06	1.0E-03	3.5E-09	1.6E-01	6.7E-01	3.7E-10	8.5E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
46	1.7E+00	1.6E-06	1.0E-03	2.7E-09	1.6E-01	6.7E-01	2.9E-10	6.7E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
47	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	5.4E-01	1.7E-07	1.0E-03	9.7E-11	1.6E-01	6.7E-01	1.0E-11
48	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.5E-01	1.7E-07	1.0E-03	8.1E-11	1.6E-01	6.7E-01	8.5E-12
49	7.3E-01	1.6E-06	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	6.3E+00	1.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10
50	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	1.0E+01	1.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
51	1.5E+00	1.6E-06	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.6E-10	5.6E+00	1.7E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10
52	2.5E+00	1.6E-06	1.0E-03	4.2E-09	1.6E-01	6.7E-01	4.4E-10	5.5E+00	1.7E-07	1.0E-03	9.8E-10	1.6E-01	6.7E-01	1.0E-10
53	5.0E+00	1.6E-06	1.0E-03	8.3E-09	1.6E-01	6.7E-01	8.7E-10	5.3E+00	1.7E-07	1.0E-03	9.4E-10	1.6E-01	6.7E-01	9.8E-11
54	1.5E+01	1.6E-06	1.0E-03	2.5E-08	1.6E-01	6.7E-01	2.6E-09	4.5E+00	1.7E-07	1.0E-03	8.1E-10	1.6E-01	6.7E-01	8.5E-11
55	1.6E+01	1.6E-06	1.0E-03	2.7E-08	1.6E-01	6.7E-01	2.8E-09	5.2E+00	1.7E-07	1.0E-03	9.3E-10	1.6E-01	6.7E-01	9.8E-11
56	2.1E+01	1.6E-06	1.0E-03	3.5E-08	1.6E-01	6.7E-01	3.7E-09	6.0E+00	1.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10
57	1.0E+01	1.6E-06	1.0E-03	1.7E-08	1.6E-01	6.7E-01	1.8E-09	3.0E+00	1.7E-07	1.0E-03	5.4E-10	1.6E-01	6.7E-01	5.7E-11
58	6.3E+00	1.6E-06	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09	1.9E+00	1.7E-07	1.0E-03	3.3E-10	1.6E-01	6.7E-01	3.5E-11
59	4.2E+00	1.6E-06	1.0E-03	7.0E-09	1.6E-01	6.7E-01	7.3E-10	1.3E+00	1.7E-07	1.0E-03	2.3E-10	1.6E-01	6.7E-01	2.4E-11
60	2.9E+00	1.6E-06	1.0E-03	4.9E-09	1.6E-01	6.7E-01	5.1E-10	9.5E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11
61	2.2E+00	1.6E-06	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.7E-10	7.4E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
62	1.6E+00	1.6E-06	1.0E-03	2.7E-09	1.6E-01	6.7E-01	2.8E-10	5.9E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
63	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	4.8E-01	1.7E-07	1.0E-03	8.6E-11	1.6E-01	6.7E-01	9.1E-12
64	9.9E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	4.0E-01	1.7E-07	1.0E-03	7.2E-11	1.6E-01	6.7E-01	7.6E-12
65	7.7E-01	1.6E-06	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10	7.0E+00	1.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10
66	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	7.3E+00	1.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10
67	1.7E+00	1.6E-06	1.0E-03	2.8E-09	1.6E-01	6.7E-01	2.9E-10	7.4E+00	1.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10
68	2.9E+00	1.6E-06	1.0E-03	4.8E-09	1.6E-01	6.7E-01	5.0E-10	7.3E+00	1.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10
69	6.1E+00	1.6E-06	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09	7.0E+00	1.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10
70	1.9E+01	1.6E-06	1.0E-03	3.1E-08	1.6E-01	6.7E-01	3.3E-09	6.4E+00	1.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10
71	2.6E+01	1.6E-06	1.0E-03	4.2E-08	1.6E-01	6.7E-01	4.5E-09	5.2E+00	1.7E-07	1.0E-03	9.2E-10	1.6E-01	6.7E-01	9.7E-11
72	2.5E+01	1.6E-06	1.0E-03	4.2E-08	1.6E-01	6.7E-01	4.4E-09	3.4E+00	1.7E-07	1.0E-03	6.1E-10	1.6E-01	6.7E-01	6.4E-11
73	1.2E+01	1.6E-06	1.0E-03	1.9E-08	1.6E-01	6.7E-01	2.0E-09	2.2E+00	1.7E-07	1.0E-03	3.9E-10	1.6E-01	6.7E-01	4.1E-11
74	6.7E+00	1.6E-06	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.2E-09	1.5E+00	1.7E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.8E-11
75	4.2E+00	1.6E-06	1.0E-03	6.9E-09	1.6E-01	6.7E-01	7.3E-10	1.1E+00	1.7E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11
76	2.8E+00	1.6E-06	1.0E-03	4.7E-09	1.6E-01	6.7E-01	4.9E-10	8.2E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.5E-11
77	2.0E+00	1.6E-06	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.5E-10	6.4E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
78	1.5E+00	1.6E-06	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.6E-10	5.2E-01	1.7E-07	1.0E-03	9.3E-11	1.6E-01	6.7E-01	9.7E-12
79	1.2E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	4.3E-01	1.7E-07	1.0E-03	7.7E-11	1.6E-01	6.7E-01	8.1E-12
80	9.1E-01	1.6E-06	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	3.6E-01	1.7E-07	1.0E-03	6.5E-11	1.6E-01	6.7E-01	6.8E-12
81	7.7E-01	1.6E-06	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10	3.5E+00	1.7E-07	1.0E-03	6.3E-10	1.6E-01	6.7E-01	6.6E-11
82	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	3.8E+00	1.7E-07	1.0E-03	6.7E-10	1.6E-01	6.7E-01	7.0E-11
83	1.7E+00	1.6E-06	1.0E-03	2.8E-09	1.6E-01	6.7E-01	3.0E-10	3.8E+00	1.7E-07	1.0E-03	6.9E-10	1.6E-01	6.7E-01	7.2E-11
84	3.0E+00	1.6E-06	1.0E-03	4.9E-09	1.6E-01	6.7E-01	5.1E-10	3.8E+00	1.7E-07	1.0E-03	6.8E-10	1.6E-01	6.7E-01	7.2E-11
85	6.2E+00	1.6E-06	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09	3.7E+00	1.7E-07	1.0E-03	6.6E-10	1.6E-01	6.7E-01	6.9E-11
86	1.9E+01	1.6E-06	1.0E-03	3.2E-08	1.6E-01	6.7E-01	3.3E-09	3.4E+00	1.7E-07	1.0E-03	6.0E-10	1.6E-01	6.7E-01	6.3E-11

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
87	2.7E+01	1.6E-06	1.0E-03	4.4E-08	1.6E-01	6.7E-01	4.6E-09	2.9E+00	1.7E-07	1.0E-03	5.1E-10	1.6E-01	6.7E-01	5.4E-11
88	2.5E+01	1.6E-06	1.0E-03	4.2E-08	1.6E-01	6.7E-01	4.4E-09	2.2E+00	1.7E-07	1.0E-03	4.0E-10	1.6E-01	6.7E-01	4.2E-11
89	1.1E+01	1.6E-06	1.0E-03	1.9E-08	1.6E-01	6.7E-01	2.0E-09	1.6E+00	1.7E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.1E-11
90	6.2E+00	1.6E-06	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09	1.2E+00	1.7E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11
91	3.8E+00	1.6E-06	1.0E-03	6.3E-09	1.6E-01	6.7E-01	6.6E-10	9.1E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
92	2.5E+00	1.6E-06	1.0E-03	4.2E-09	1.6E-01	6.7E-01	4.4E-10	7.1E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.3E-11
93	1.8E+00	1.6E-06	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.1E-10	5.7E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
94	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	4.7E-01	1.7E-07	1.0E-03	8.3E-11	1.6E-01	6.7E-01	8.7E-12
95	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	3.9E-01	1.7E-07	1.0E-03	7.0E-11	1.6E-01	6.7E-01	7.3E-12
96	8.1E-01	1.6E-06	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	3.3E-01	1.7E-07	1.0E-03	5.9E-11	1.6E-01	6.7E-01	6.2E-12
97	7.4E-01	1.6E-06	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	2.2E+00	1.7E-07	1.0E-03	3.9E-10	1.6E-01	6.7E-01	4.1E-11
98	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	2.4E+00	1.7E-07	1.0E-03	4.2E-10	1.6E-01	6.7E-01	4.4E-11
99	1.6E+00	1.6E-06	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.8E-10	2.4E+00	1.7E-07	1.0E-03	4.3E-10	1.6E-01	6.7E-01	4.6E-11
100	2.7E+00	1.6E-06	1.0E-03	4.5E-09	1.6E-01	6.7E-01	4.7E-10	2.4E+00	1.7E-07	1.0E-03	4.3E-10	1.6E-01	6.7E-01	4.6E-11
101	5.6E+00	1.6E-06	1.0E-03	9.2E-09	1.6E-01	6.7E-01	9.7E-10	2.4E+00	1.7E-07	1.0E-03	4.2E-10	1.6E-01	6.7E-01	4.4E-11
102	1.7E+01	1.6E-06	1.0E-03	2.8E-08	1.6E-01	6.7E-01	3.0E-09	2.2E+00	1.7E-07	1.0E-03	3.9E-10	1.6E-01	6.7E-01	4.1E-11
103	2.3E+01	1.6E-06	1.0E-03	3.8E-08	1.6E-01	6.7E-01	4.0E-09	1.9E+00	1.7E-07	1.0E-03	3.5E-10	1.6E-01	6.7E-01	3.6E-11
104	2.2E+01	1.6E-06	1.0E-03	3.6E-08	1.6E-01	6.7E-01	3.8E-09	1.6E+00	1.7E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.0E-11
105	9.3E+00	1.6E-06	1.0E-03	1.5E-08	1.6E-01	6.7E-01	1.6E-09	1.3E+00	1.7E-07	1.0E-03	2.3E-10	1.6E-01	6.7E-01	2.4E-11
106	5.1E+00	1.6E-06	1.0E-03	8.5E-09	1.6E-01	6.7E-01	8.9E-10	1.0E+00	1.7E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11
107	3.2E+00	1.6E-06	1.0E-03	5.3E-09	1.6E-01	6.7E-01	5.5E-10	7.9E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
108	2.2E+00	1.6E-06	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.8E-10	6.3E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
109	1.5E+00	1.6E-06	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10	5.1E-01	1.7E-07	1.0E-03	9.2E-11	1.6E-01	6.7E-01	9.6E-12
110	1.2E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	4.3E-01	1.7E-07	1.0E-03	7.6E-11	1.6E-01	6.7E-01	8.0E-12
111	9.0E-01	1.6E-06	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	3.6E-01	1.7E-07	1.0E-03	6.4E-11	1.6E-01	6.7E-01	6.7E-12
112	7.2E-01	1.6E-06	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	3.1E-01	1.7E-07	1.0E-03	5.5E-11	1.6E-01	6.7E-01	5.7E-12
113	6.8E-01	1.6E-06	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10	1.5E+00	1.7E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.8E-11
114	9.4E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.6E-10	1.6E+00	1.7E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.0E-11
115	1.4E+00	1.6E-06	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10	1.7E+00	1.7E-07	1.0E-03	3.0E-10	1.6E-01	6.7E-01	3.2E-11
116	2.2E+00	1.6E-06	1.0E-03	3.7E-09	1.6E-01	6.7E-01	3.9E-10	1.7E+00	1.7E-07	1.0E-03	3.0E-10	1.6E-01	6.7E-01	3.2E-11
117	4.1E+00	1.6E-06	1.0E-03	6.9E-09	1.6E-01	6.7E-01	7.2E-10	1.7E+00	1.7E-07	1.0E-03	3.0E-10	1.6E-01	6.7E-01	3.1E-11
118	3.8E+00	1.6E-06	1.0E-03	6.4E-09	1.6E-01	6.7E-01	6.7E-10	8.5E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
119	2.5E+00	1.6E-06	1.0E-03	4.2E-09	1.6E-01	6.7E-01	4.4E-10	6.9E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
120	1.8E+00	1.6E-06	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.1E-10	5.7E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
121	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	4.7E-01	1.7E-07	1.0E-03	8.4E-11	1.6E-01	6.7E-01	8.8E-12
122	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	3.9E-01	1.7E-07	1.0E-03	7.0E-11	1.6E-01	6.7E-01	7.4E-12
123	7.9E-01	1.6E-06	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	3.3E-01	1.7E-07	1.0E-03	6.0E-11	1.6E-01	6.7E-01	6.3E-12
124	6.4E-01	1.6E-06	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10	2.9E-01	1.7E-07	1.0E-03	5.1E-11	1.6E-01	6.7E-01	5.4E-12
125	6.1E-01	1.6E-06	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	1.1E+00	1.7E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11
126	8.1E-01	1.6E-06	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	1.2E+00	1.7E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.2E-11
127	1.1E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	1.2E+00	1.7E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11
128	1.7E+00	1.6E-06	1.0E-03	2.8E-09	1.6E-01	6.7E-01	2.9E-10	1.3E+00	1.7E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.4E-11
129	2.7E+00	1.6E-06	1.0E-03	4.4E-09	1.6E-01	6.7E-01	4.6E-10	1.2E+00	1.7E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
130	2.8E+00	1.6E-06	1.0E-03	4.6E-09	1.6E-01	6.7E-01	4.9E-10	7.2E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
131	2.0E+00	1.6E-06	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.5E-10	6.1E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
132	1.5E+00	1.6E-06	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.6E-10	5.1E-01	1.7E-07	1.0E-03	9.1E-11	1.6E-01	6.7E-01	9.5E-12
133	1.1E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	4.3E-01	1.7E-07	1.0E-03	7.7E-11	1.6E-01	6.7E-01	8.1E-12
134	8.9E-01	1.6E-06	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10	3.7E-01	1.7E-07	1.0E-03	6.5E-11	1.6E-01	6.7E-01	6.9E-12
135	7.1E-01	1.6E-06	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10	3.1E-01	1.7E-07	1.0E-03	5.6E-11	1.6E-01	6.7E-01	5.9E-12
136	5.8E-01	1.6E-06	1.0E-03	9.6E-10	1.6E-01	6.7E-01	1.0E-10	2.7E-01	1.7E-07	1.0E-03	4.8E-11	1.6E-01	6.7E-01	5.1E-12
137	5.3E-01	1.6E-06	1.0E-03	8.8E-10	1.6E-01	6.7E-01	9.3E-11	8.3E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
138	6.9E-01	1.6E-06	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10	9.0E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
139	9.1E-01	1.6E-06	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	9.4E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11
140	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	9.6E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11
141	1.7E+00	1.6E-06	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.0E-10	9.6E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11
142	2.0E+00	1.6E-06	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.5E-10	6.1E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
143	1.6E+00	1.6E-06	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10	5.3E-01	1.7E-07	1.0E-03	9.5E-11	1.6E-01	6.7E-01	9.9E-12
144	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	4.6E-01	1.7E-07	1.0E-03	8.1E-11	1.6E-01	6.7E-01	8.6E-12
145	9.9E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	4.0E-01	1.7E-07	1.0E-03	7.1E-11	1.6E-01	6.7E-01	7.4E-12
146	7.9E-01	1.6E-06	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	3.4E-01	1.7E-07	1.0E-03	6.1E-11	1.6E-01	6.7E-01	6.4E-12
147	6.4E-01	1.6E-06	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10	3.0E-01	1.7E-07	1.0E-03	5.3E-11	1.6E-01	6.7E-01	5.5E-12
148	5.3E-01	1.6E-06	1.0E-03	8.7E-10	1.6E-01	6.7E-01	9.2E-11	2.6E-01	1.7E-07	1.0E-03	4.6E-11	1.6E-01	6.7E-01	4.8E-12
149	4.6E-01	1.6E-06	1.0E-03	7.7E-10	1.6E-01	6.7E-01	8.0E-11	6.5E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11
150	5.7E-01	1.6E-06	1.0E-03	9.5E-10	1.6E-01	6.7E-01	9.9E-11	7.0E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.3E-11
151	7.3E-01	1.6E-06	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	7.4E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
152	9.5E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	7.6E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11
153	1.2E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	7.6E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11
154	1.6E+00	1.6E-06	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10	5.3E-01	1.7E-07	1.0E-03	9.5E-11	1.6E-01	6.7E-01	1.0E-11
155	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	4.7E-01	1.7E-07	1.0E-03	8.4E-11	1.6E-01	6.7E-01	8.8E-12
156	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.1E-01	1.7E-07	1.0E-03	7.3E-11	1.6E-01	6.7E-01	7.6E-12
157	8.6E-01	1.6E-06	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10	3.6E-01	1.7E-07	1.0E-03	6.5E-11	1.6E-01	6.7E-01	6.8E-12
158	7.1E-01	1.6E-06	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10	3.2E-01	1.7E-07	1.0E-03	5.7E-11	1.6E-01	6.7E-01	5.9E-12
159	5.8E-01	1.6E-06	1.0E-03	9.7E-10	1.6E-01	6.7E-01	1.0E-10	2.8E-01	1.7E-07	1.0E-03	5.0E-11	1.6E-01	6.7E-01	5.2E-12
160	4.9E-01	1.6E-06	1.0E-03	8.1E-10	1.6E-01	6.7E-01	8.5E-11	2.4E-01	1.7E-07	1.0E-03	4.4E-11	1.6E-01	6.7E-01	4.6E-12
161	4.0E-01	1.6E-06	1.0E-03	6.6E-10	1.6E-01	6.7E-01	6.9E-11	5.3E-01	1.7E-07	1.0E-03	9.4E-11	1.6E-01	6.7E-01	9.9E-12
162	4.8E-01	1.6E-06	1.0E-03	8.0E-10	1.6E-01	6.7E-01	8.4E-11	5.7E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
163	5.9E-01	1.6E-06	1.0E-03	9.8E-10	1.6E-01	6.7E-01	1.0E-10	6.0E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
164	7.4E-01	1.6E-06	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	6.1E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
165	9.3E-01	1.6E-06	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	6.2E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
166	1.1E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	6.1E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
167	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	5.8E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
168	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	5.5E-01	1.7E-07	1.0E-03	9.8E-11	1.6E-01	6.7E-01	1.0E-11
169	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	5.1E-01	1.7E-07	1.0E-03	9.1E-11	1.6E-01	6.7E-01	9.5E-12
170	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	4.6E-01	1.7E-07	1.0E-03	8.3E-11	1.6E-01	6.7E-01	8.7E-12
171	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.2E-01	1.7E-07	1.0E-03	7.4E-11	1.6E-01	6.7E-01	7.8E-12
172	8.6E-01	1.6E-06	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10	3.7E-01	1.7E-07	1.0E-03	6.5E-11	1.6E-01	6.7E-01	6.8E-12

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
173	7.2E-01	1.6E-06	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	3.2E-01	1.7E-07	1.0E-03	5.8E-11	1.6E-01	6.7E-01	6.1E-12
174	6.3E-01	1.6E-06	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	2.9E-01	1.7E-07	1.0E-03	5.2E-11	1.6E-01	6.7E-01	5.5E-12
175	5.3E-01	1.6E-06	1.0E-03	8.8E-10	1.6E-01	6.7E-01	9.3E-11	2.6E-01	1.7E-07	1.0E-03	4.6E-11	1.6E-01	6.7E-01	4.9E-12
176	4.5E-01	1.6E-06	1.0E-03	7.5E-10	1.6E-01	6.7E-01	7.8E-11	2.3E-01	1.7E-07	1.0E-03	4.1E-11	1.6E-01	6.7E-01	4.3E-12
177	3.5E-01	1.6E-06	1.0E-03	5.7E-10	1.6E-01	6.7E-01	6.0E-11	4.4E-01	1.7E-07	1.0E-03	7.8E-11	1.6E-01	6.7E-01	8.2E-12
178	4.1E-01	1.6E-06	1.0E-03	6.8E-10	1.6E-01	6.7E-01	7.1E-11	4.7E-01	1.7E-07	1.0E-03	8.3E-11	1.6E-01	6.7E-01	8.7E-12
179	4.9E-01	1.6E-06	1.0E-03	8.1E-10	1.6E-01	6.7E-01	8.6E-11	4.9E-01	1.7E-07	1.0E-03	8.7E-11	1.6E-01	6.7E-01	9.2E-12
180	6.0E-01	1.6E-06	1.0E-03	9.9E-10	1.6E-01	6.7E-01	1.0E-10	5.0E-01	1.7E-07	1.0E-03	9.0E-11	1.6E-01	6.7E-01	9.4E-12
181	7.3E-01	1.6E-06	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	5.1E-01	1.7E-07	1.0E-03	9.1E-11	1.6E-01	6.7E-01	9.5E-12
182	8.5E-01	1.6E-06	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10	5.0E-01	1.7E-07	1.0E-03	9.0E-11	1.6E-01	6.7E-01	9.4E-12
183	9.4E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.6E-10	4.9E-01	1.7E-07	1.0E-03	8.7E-11	1.6E-01	6.7E-01	9.1E-12
184	9.9E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	4.7E-01	1.7E-07	1.0E-03	8.3E-11	1.6E-01	6.7E-01	8.7E-12
185	9.8E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	4.4E-01	1.7E-07	1.0E-03	7.8E-11	1.6E-01	6.7E-01	8.2E-12
186	9.3E-01	1.6E-06	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	4.0E-01	1.7E-07	1.0E-03	7.2E-11	1.6E-01	6.7E-01	7.6E-12
187	8.4E-01	1.6E-06	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10	3.7E-01	1.7E-07	1.0E-03	6.6E-11	1.6E-01	6.7E-01	6.9E-12
188	7.4E-01	1.6E-06	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	3.3E-01	1.7E-07	1.0E-03	6.0E-11	1.6E-01	6.7E-01	6.3E-12
189	6.2E-01	1.6E-06	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	2.9E-01	1.7E-07	1.0E-03	5.2E-11	1.6E-01	6.7E-01	5.5E-12
190	5.5E-01	1.6E-06	1.0E-03	9.2E-10	1.6E-01	6.7E-01	9.7E-11	2.7E-01	1.7E-07	1.0E-03	4.8E-11	1.6E-01	6.7E-01	5.1E-12
191	4.8E-01	1.6E-06	1.0E-03	8.0E-10	1.6E-01	6.7E-01	8.4E-11	2.4E-01	1.7E-07	1.0E-03	4.3E-11	1.6E-01	6.7E-01	4.6E-12
192	4.2E-01	1.6E-06	1.0E-03	6.9E-10	1.6E-01	6.7E-01	7.2E-11	2.2E-01	1.7E-07	1.0E-03	3.9E-11	1.6E-01	6.7E-01	4.1E-12
193	3.0E-01	1.6E-06	1.0E-03	5.0E-10	1.6E-01	6.7E-01	5.3E-11	3.7E-01	1.7E-07	1.0E-03	6.6E-11	1.6E-01	6.7E-01	6.9E-12
194	3.5E-01	1.6E-06	1.0E-03	5.9E-10	1.6E-01	6.7E-01	6.2E-11	3.9E-01	1.7E-07	1.0E-03	7.0E-11	1.6E-01	6.7E-01	7.3E-12
195	4.2E-01	1.6E-06	1.0E-03	6.9E-10	1.6E-01	6.7E-01	7.3E-11	4.1E-01	1.7E-07	1.0E-03	7.3E-11	1.6E-01	6.7E-01	7.7E-12
196	5.0E-01	1.6E-06	1.0E-03	8.2E-10	1.6E-01	6.7E-01	8.6E-11	4.2E-01	1.7E-07	1.0E-03	7.5E-11	1.6E-01	6.7E-01	7.9E-12
197	5.8E-01	1.6E-06	1.0E-03	9.6E-10	1.6E-01	6.7E-01	1.0E-10	4.3E-01	1.7E-07	1.0E-03	7.6E-11	1.6E-01	6.7E-01	8.0E-12
198	6.6E-01	1.6E-06	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10	4.2E-01	1.7E-07	1.0E-03	7.5E-11	1.6E-01	6.7E-01	7.9E-12
199	7.2E-01	1.6E-06	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	4.1E-01	1.7E-07	1.0E-03	7.4E-11	1.6E-01	6.7E-01	7.7E-12
200	7.6E-01	1.6E-06	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10	4.0E-01	1.7E-07	1.0E-03	7.1E-11	1.6E-01	6.7E-01	7.5E-12
201	7.6E-01	1.6E-06	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10	3.8E-01	1.7E-07	1.0E-03	6.7E-11	1.6E-01	6.7E-01	7.1E-12
202	7.3E-01	1.6E-06	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	3.5E-01	1.7E-07	1.0E-03	6.3E-11	1.6E-01	6.7E-01	6.6E-12
203	6.7E-01	1.6E-06	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10	3.2E-01	1.7E-07	1.0E-03	5.7E-11	1.6E-01	6.7E-01	6.0E-12
204	6.1E-01	1.6E-06	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	3.0E-01	1.7E-07	1.0E-03	5.3E-11	1.6E-01	6.7E-01	5.5E-12
205	5.4E-01	1.6E-06	1.0E-03	9.0E-10	1.6E-01	6.7E-01	9.5E-11	2.7E-01	1.7E-07	1.0E-03	4.8E-11	1.6E-01	6.7E-01	5.1E-12
206	4.7E-01	1.6E-06	1.0E-03	7.8E-10	1.6E-01	6.7E-01	8.2E-11	2.4E-01	1.7E-07	1.0E-03	4.3E-11	1.6E-01	6.7E-01	4.5E-12
207	4.3E-01	1.6E-06	1.0E-03	7.2E-10	1.6E-01	6.7E-01	7.5E-11	2.3E-01	1.7E-07	1.0E-03	4.0E-11	1.6E-01	6.7E-01	4.2E-12
208	3.8E-01	1.6E-06	1.0E-03	6.3E-10	1.6E-01	6.7E-01	6.6E-11	2.1E-01	1.7E-07	1.0E-03	3.7E-11	1.6E-01	6.7E-01	3.8E-12
209	2.7E-01	1.6E-06	1.0E-03	4.4E-10	1.6E-01	6.7E-01	4.7E-11	3.1E-01	1.7E-07	1.0E-03	5.6E-11	1.6E-01	6.7E-01	5.9E-12
210	3.1E-01	1.6E-06	1.0E-03	5.1E-10	1.6E-01	6.7E-01	5.4E-11	3.3E-01	1.7E-07	1.0E-03	5.9E-11	1.6E-01	6.7E-01	6.2E-12
211	3.6E-01	1.6E-06	1.0E-03	5.9E-10	1.6E-01	6.7E-01	6.2E-11	3.5E-01	1.7E-07	1.0E-03	6.2E-11	1.6E-01	6.7E-01	6.5E-12
212	4.1E-01	1.6E-06	1.0E-03	6.9E-10	1.6E-01	6.7E-01	7.2E-11	3.6E-01	1.7E-07	1.0E-03	6.4E-11	1.6E-01	6.7E-01	6.7E-12
213	4.7E-01	1.6E-06	1.0E-03	7.9E-10	1.6E-01	6.7E-01	8.3E-11	3.6E-01	1.7E-07	1.0E-03	6.4E-11	1.6E-01	6.7E-01	6.8E-12
214	5.3E-01	1.6E-06	1.0E-03	8.8E-10	1.6E-01	6.7E-01	9.2E-11	3.6E-01	1.7E-07	1.0E-03	6.4E-11	1.6E-01	6.7E-01	6.8E-12
215	5.7E-01	1.6E-06	1.0E-03	9.5E-10	1.6E-01	6.7E-01	1.0E-10	3.5E-01	1.7E-07	1.0E-03	6.3E-11	1.6E-01	6.7E-01	6.6E-12

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
216	6.0E-01	1.6E-06	1.0E-03	9.9E-10	1.6E-01	6.7E-01	1.0E-10	3.4E-01	1.7E-07	1.0E-03	6.1E-11	1.6E-01	6.7E-01	6.4E-12
217	6.1E-01	1.6E-06	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	3.3E-01	1.7E-07	1.0E-03	5.8E-11	1.6E-01	6.7E-01	6.1E-12
218	5.9E-01	1.6E-06	1.0E-03	9.8E-10	1.6E-01	6.7E-01	1.0E-10	3.1E-01	1.7E-07	1.0E-03	5.5E-11	1.6E-01	6.7E-01	5.8E-12
219	5.6E-01	1.6E-06	1.0E-03	9.3E-10	1.6E-01	6.7E-01	9.8E-11	2.9E-01	1.7E-07	1.0E-03	5.2E-11	1.6E-01	6.7E-01	5.4E-12
220	5.3E-01	1.6E-06	1.0E-03	8.8E-10	1.6E-01	6.7E-01	9.2E-11	2.7E-01	1.7E-07	1.0E-03	4.8E-11	1.6E-01	6.7E-01	5.1E-12
221	4.8E-01	1.6E-06	1.0E-03	8.0E-10	1.6E-01	6.7E-01	8.4E-11	2.5E-01	1.7E-07	1.0E-03	4.5E-11	1.6E-01	6.7E-01	4.7E-12
222	4.1E-01	1.6E-06	1.0E-03	6.9E-10	1.6E-01	6.7E-01	7.2E-11	2.2E-01	1.7E-07	1.0E-03	4.0E-11	1.6E-01	6.7E-01	4.2E-12
223	3.7E-01	1.6E-06	1.0E-03	6.1E-10	1.6E-01	6.7E-01	6.5E-11	2.0E-01	1.7E-07	1.0E-03	3.6E-11	1.6E-01	6.7E-01	3.8E-12
224	3.5E-01	1.6E-06	1.0E-03	5.8E-10	1.6E-01	6.7E-01	6.0E-11	1.9E-01	1.7E-07	1.0E-03	3.4E-11	1.6E-01	6.7E-01	3.6E-12
225	2.4E-01	1.6E-06	1.0E-03	4.0E-10	1.6E-01	6.7E-01	4.2E-11	2.7E-01	1.7E-07	1.0E-03	4.8E-11	1.6E-01	6.7E-01	5.1E-12
226	2.7E-01	1.6E-06	1.0E-03	4.5E-10	1.6E-01	6.7E-01	4.7E-11	2.9E-01	1.7E-07	1.0E-03	5.1E-11	1.6E-01	6.7E-01	5.4E-12
227	3.1E-01	1.6E-06	1.0E-03	5.1E-10	1.6E-01	6.7E-01	5.4E-11	3.0E-01	1.7E-07	1.0E-03	5.3E-11	1.6E-01	6.7E-01	5.6E-12
228	3.5E-01	1.6E-06	1.0E-03	5.8E-10	1.6E-01	6.7E-01	6.1E-11	3.1E-01	1.7E-07	1.0E-03	5.5E-11	1.6E-01	6.7E-01	5.7E-12
229	4.0E-01	1.6E-06	1.0E-03	6.6E-10	1.6E-01	6.7E-01	6.9E-11	3.1E-01	1.7E-07	1.0E-03	5.5E-11	1.6E-01	6.7E-01	5.8E-12
230	4.4E-01	1.6E-06	1.0E-03	7.2E-10	1.6E-01	6.7E-01	7.6E-11	3.1E-01	1.7E-07	1.0E-03	5.5E-11	1.6E-01	6.7E-01	5.8E-12
231	4.7E-01	1.6E-06	1.0E-03	7.8E-10	1.6E-01	6.7E-01	8.2E-11	3.1E-01	1.7E-07	1.0E-03	5.5E-11	1.6E-01	6.7E-01	5.7E-12
232	4.9E-01	1.6E-06	1.0E-03	8.1E-10	1.6E-01	6.7E-01	8.5E-11	3.0E-01	1.7E-07	1.0E-03	5.3E-11	1.6E-01	6.7E-01	5.6E-12
233	5.0E-01	1.6E-06	1.0E-03	8.2E-10	1.6E-01	6.7E-01	8.6E-11	2.9E-01	1.7E-07	1.0E-03	5.1E-11	1.6E-01	6.7E-01	5.4E-12
234	4.9E-01	1.6E-06	1.0E-03	8.1E-10	1.6E-01	6.7E-01	8.5E-11	2.7E-01	1.7E-07	1.0E-03	4.9E-11	1.6E-01	6.7E-01	5.1E-12
235	4.7E-01	1.6E-06	1.0E-03	7.8E-10	1.6E-01	6.7E-01	8.2E-11	2.6E-01	1.7E-07	1.0E-03	4.6E-11	1.6E-01	6.7E-01	4.9E-12
236	4.5E-01	1.6E-06	1.0E-03	7.4E-10	1.6E-01	6.7E-01	7.8E-11	2.4E-01	1.7E-07	1.0E-03	4.4E-11	1.6E-01	6.7E-01	4.6E-12
237	4.2E-01	1.6E-06	1.0E-03	6.9E-10	1.6E-01	6.7E-01	7.3E-11	2.3E-01	1.7E-07	1.0E-03	4.1E-11	1.6E-01	6.7E-01	4.3E-12
238	3.8E-01	1.6E-06	1.0E-03	6.3E-10	1.6E-01	6.7E-01	6.7E-11	2.1E-01	1.7E-07	1.0E-03	3.8E-11	1.6E-01	6.7E-01	4.0E-12
239	3.3E-01	1.6E-06	1.0E-03	5.5E-10	1.6E-01	6.7E-01	5.8E-11	1.9E-01	1.7E-07	1.0E-03	3.3E-11	1.6E-01	6.7E-01	3.5E-12
240	3.0E-01	1.6E-06	1.0E-03	5.0E-10	1.6E-01	6.7E-01	5.2E-11	1.7E-01	1.7E-07	1.0E-03	3.1E-11	1.6E-01	6.7E-01	3.2E-12
241	2.1E-01	1.6E-06	1.0E-03	3.5E-10	1.6E-01	6.7E-01	3.7E-11	2.4E-01	1.7E-07	1.0E-03	4.2E-11	1.6E-01	6.7E-01	4.4E-12
242	2.4E-01	1.6E-06	1.0E-03	4.0E-10	1.6E-01	6.7E-01	4.2E-11	2.5E-01	1.7E-07	1.0E-03	4.4E-11	1.6E-01	6.7E-01	4.7E-12
243	2.7E-01	1.6E-06	1.0E-03	4.5E-10	1.6E-01	6.7E-01	4.7E-11	2.6E-01	1.7E-07	1.0E-03	4.6E-11	1.6E-01	6.7E-01	4.8E-12
244	3.0E-01	1.6E-06	1.0E-03	5.0E-10	1.6E-01	6.7E-01	5.3E-11	2.7E-01	1.7E-07	1.0E-03	4.7E-11	1.6E-01	6.7E-01	5.0E-12
245	3.4E-01	1.6E-06	1.0E-03	5.6E-10	1.6E-01	6.7E-01	5.8E-11	2.7E-01	1.7E-07	1.0E-03	4.8E-11	1.6E-01	6.7E-01	5.0E-12
246	3.7E-01	1.6E-06	1.0E-03	6.1E-10	1.6E-01	6.7E-01	6.4E-11	2.7E-01	1.7E-07	1.0E-03	4.8E-11	1.6E-01	6.7E-01	5.1E-12
247	3.9E-01	1.6E-06	1.0E-03	6.5E-10	1.6E-01	6.7E-01	6.8E-11	2.7E-01	1.7E-07	1.0E-03	4.8E-11	1.6E-01	6.7E-01	5.0E-12
248	4.1E-01	1.6E-06	1.0E-03	6.7E-10	1.6E-01	6.7E-01	7.1E-11	2.6E-01	1.7E-07	1.0E-03	4.7E-11	1.6E-01	6.7E-01	4.9E-12
249	4.1E-01	1.6E-06	1.0E-03	6.8E-10	1.6E-01	6.7E-01	7.2E-11	2.5E-01	1.7E-07	1.0E-03	4.5E-11	1.6E-01	6.7E-01	4.8E-12
250	4.1E-01	1.6E-06	1.0E-03	6.8E-10	1.6E-01	6.7E-01	7.1E-11	2.4E-01	1.7E-07	1.0E-03	4.4E-11	1.6E-01	6.7E-01	4.6E-12
251	4.0E-01	1.6E-06	1.0E-03	6.6E-10	1.6E-01	6.7E-01	7.0E-11	2.3E-01	1.7E-07	1.0E-03	4.2E-11	1.6E-01	6.7E-01	4.4E-12
252	3.8E-01	1.6E-06	1.0E-03	6.4E-10	1.6E-01	6.7E-01	6.7E-11	2.2E-01	1.7E-07	1.0E-03	3.9E-11	1.6E-01	6.7E-01	4.1E-12
253	3.6E-01	1.6E-06	1.0E-03	6.0E-10	1.6E-01	6.7E-01	6.3E-11	2.1E-01	1.7E-07	1.0E-03	3.7E-11	1.6E-01	6.7E-01	3.9E-12
254	3.4E-01	1.6E-06	1.0E-03	5.6E-10	1.6E-01	6.7E-01	5.9E-11	1.9E-01	1.7E-07	1.0E-03	3.5E-11	1.6E-01	6.7E-01	3.6E-12
255	3.1E-01	1.6E-06	1.0E-03	5.1E-10	1.6E-01	6.7E-01	5.4E-11	1.8E-01	1.7E-07	1.0E-03	3.2E-11	1.6E-01	6.7E-01	3.4E-12
256	2.7E-01	1.6E-06	1.0E-03	4.5E-10	1.6E-01	6.7E-01	4.7E-11	1.6E-01	1.7E-07	1.0E-03	2.9E-11	1.6E-01	6.7E-01	3.0E-12
257	1.9E-01	1.6E-06	1.0E-03	3.2E-10	1.6E-01	6.7E-01	3.3E-11	2.1E-01	1.7E-07	1.0E-03	3.7E-11	1.6E-01	6.7E-01	3.9E-12
258	2.1E-01	1.6E-06	1.0E-03	3.5E-10	1.6E-01	6.7E-01	3.7E-11	2.2E-01	1.7E-07	1.0E-03	3.9E-11	1.6E-01	6.7E-01	4.1E-12

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
259	2.4E-01	1.6E-06	1.0E-03	3.9E-10	1.6E-01	6.7E-01	4.1E-11	2.3E-01	1.7E-07	1.0E-03	4.0E-11	1.6E-01	6.7E-01	4.3E-12
260	2.6E-01	1.6E-06	1.0E-03	4.4E-10	1.6E-01	6.7E-01	4.6E-11	2.3E-01	1.7E-07	1.0E-03	4.2E-11	1.6E-01	6.7E-01	4.4E-12
261	2.9E-01	1.6E-06	1.0E-03	4.8E-10	1.6E-01	6.7E-01	5.0E-11	2.4E-01	1.7E-07	1.0E-03	4.2E-11	1.6E-01	6.7E-01	4.4E-12
262	3.1E-01	1.6E-06	1.0E-03	5.2E-10	1.6E-01	6.7E-01	5.4E-11	2.4E-01	1.7E-07	1.0E-03	4.2E-11	1.6E-01	6.7E-01	4.4E-12
263	3.3E-01	1.6E-06	1.0E-03	5.5E-10	1.6E-01	6.7E-01	5.7E-11	2.4E-01	1.7E-07	1.0E-03	4.2E-11	1.6E-01	6.7E-01	4.4E-12
264	3.4E-01	1.6E-06	1.0E-03	5.7E-10	1.6E-01	6.7E-01	6.0E-11	2.3E-01	1.7E-07	1.0E-03	4.1E-11	1.6E-01	6.7E-01	4.3E-12
265	3.5E-01	1.6E-06	1.0E-03	5.8E-10	1.6E-01	6.7E-01	6.1E-11	2.3E-01	1.7E-07	1.0E-03	4.0E-11	1.6E-01	6.7E-01	4.2E-12
266	3.5E-01	1.6E-06	1.0E-03	5.8E-10	1.6E-01	6.7E-01	6.1E-11	2.2E-01	1.7E-07	1.0E-03	3.9E-11	1.6E-01	6.7E-01	4.1E-12
267	3.4E-01	1.6E-06	1.0E-03	5.7E-10	1.6E-01	6.7E-01	5.9E-11	2.1E-01	1.7E-07	1.0E-03	3.7E-11	1.6E-01	6.7E-01	3.9E-12
268	3.3E-01	1.6E-06	1.0E-03	5.5E-10	1.6E-01	6.7E-01	5.8E-11	2.0E-01	1.7E-07	1.0E-03	3.6E-11	1.6E-01	6.7E-01	3.7E-12
269	3.2E-01	1.6E-06	1.0E-03	5.2E-10	1.6E-01	6.7E-01	5.5E-11	1.9E-01	1.7E-07	1.0E-03	3.4E-11	1.6E-01	6.7E-01	3.6E-12
270	3.0E-01	1.6E-06	1.0E-03	5.0E-10	1.6E-01	6.7E-01	5.2E-11	1.8E-01	1.7E-07	1.0E-03	3.2E-11	1.6E-01	6.7E-01	3.4E-12
271	2.8E-01	1.6E-06	1.0E-03	4.6E-10	1.6E-01	6.7E-01	4.8E-11	1.7E-01	1.7E-07	1.0E-03	3.0E-11	1.6E-01	6.7E-01	3.1E-12
272	2.5E-01	1.6E-06	1.0E-03	4.1E-10	1.6E-01	6.7E-01	4.3E-11	1.5E-01	1.7E-07	1.0E-03	2.7E-11	1.6E-01	6.7E-01	2.8E-12
273	1.7E+01	1.6E-06	1.0E-03	2.8E-08	1.6E-01	6.7E-01	3.0E-09	2.2E+00	1.7E-07	1.0E-03	3.9E-10	1.6E-01	6.7E-01	4.1E-11
274	2.4E+01	1.6E-06	1.0E-03	3.9E-08	1.6E-01	6.7E-01	4.1E-09	2.2E+00	1.7E-07	1.0E-03	3.8E-10	1.6E-01	6.7E-01	4.0E-11
275	3.4E+01	1.6E-06	1.0E-03	5.7E-08	1.6E-01	6.7E-01	5.9E-09	2.1E+00	1.7E-07	1.0E-03	3.8E-10	1.6E-01	6.7E-01	3.9E-11
276	3.2E+01	1.6E-06	1.0E-03	5.3E-08	1.6E-01	6.7E-01	5.6E-09	2.1E+00	1.7E-07	1.0E-03	3.7E-10	1.6E-01	6.7E-01	3.8E-11
277	2.1E+01	1.6E-06	1.0E-03	3.5E-08	1.6E-01	6.7E-01	3.6E-09	2.0E+00	1.7E-07	1.0E-03	3.6E-10	1.6E-01	6.7E-01	3.7E-11
278	2.3E+01	1.6E-06	1.0E-03	3.8E-08	1.6E-01	6.7E-01	4.0E-09	1.9E+00	1.7E-07	1.0E-03	3.5E-10	1.6E-01	6.7E-01	3.6E-11
279	2.2E+01	1.6E-06	1.0E-03	3.6E-08	1.6E-01	6.7E-01	3.8E-09	1.9E+00	1.7E-07	1.0E-03	3.3E-10	1.6E-01	6.7E-01	3.5E-11
280	3.3E+01	1.6E-06	1.0E-03	5.5E-08	1.6E-01	6.7E-01	5.8E-09	1.8E+00	1.7E-07	1.0E-03	3.2E-10	1.6E-01	6.7E-01	3.4E-11
281	3.7E+01	1.6E-06	1.0E-03	6.2E-08	1.6E-01	6.7E-01	6.5E-09	1.7E+00	1.7E-07	1.0E-03	3.1E-10	1.6E-01	6.7E-01	3.3E-11
282	2.8E+01	1.6E-06	1.0E-03	4.6E-08	1.6E-01	6.7E-01	4.8E-09	1.7E+00	1.7E-07	1.0E-03	3.0E-10	1.6E-01	6.7E-01	3.1E-11
283	2.2E+01	1.6E-06	1.0E-03	3.6E-08	1.6E-01	6.7E-01	3.8E-09	1.6E+00	1.7E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.0E-11
284	1.8E+01	1.6E-06	1.0E-03	2.9E-08	1.6E-01	6.7E-01	3.1E-09	1.5E+00	1.7E-07	1.0E-03	2.8E-10	1.6E-01	6.7E-01	2.9E-11
285	1.5E+01	1.6E-06	1.0E-03	2.5E-08	1.6E-01	6.7E-01	2.6E-09	1.5E+00	1.7E-07	1.0E-03	2.6E-10	1.6E-01	6.7E-01	2.8E-11
286	1.3E+01	1.6E-06	1.0E-03	2.1E-08	1.6E-01	6.7E-01	2.2E-09	1.4E+00	1.7E-07	1.0E-03	2.5E-10	1.6E-01	6.7E-01	2.6E-11
287	1.1E+01	1.6E-06	1.0E-03	1.8E-08	1.6E-01	6.7E-01	1.9E-09	1.3E+00	1.7E-07	1.0E-03	2.4E-10	1.6E-01	6.7E-01	2.5E-11
288	9.3E+00	1.6E-06	1.0E-03	1.5E-08	1.6E-01	6.7E-01	1.6E-09	1.3E+00	1.7E-07	1.0E-03	2.3E-10	1.6E-01	6.7E-01	2.4E-11
289	8.2E+00	1.6E-06	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.4E-09	1.2E+00	1.7E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11
290	7.2E+00	1.6E-06	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.3E-09	1.2E+00	1.7E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.2E-11
291	6.4E+00	1.6E-06	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.1E-09	1.1E+00	1.7E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11
292	5.7E+00	1.6E-06	1.0E-03	9.4E-09	1.6E-01	6.7E-01	9.9E-10	1.1E+00	1.7E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11
293	5.1E+00	1.6E-06	1.0E-03	8.5E-09	1.6E-01	6.7E-01	8.9E-10	1.0E+00	1.7E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11
294	4.6E+00	1.6E-06	1.0E-03	7.6E-09	1.6E-01	6.7E-01	8.0E-10	9.5E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11
295	4.2E+00	1.6E-06	1.0E-03	6.9E-09	1.6E-01	6.7E-01	7.2E-10	9.1E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
296	3.8E+00	1.6E-06	1.0E-03	6.3E-09	1.6E-01	6.7E-01	6.6E-10	8.7E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
297	3.5E+00	1.6E-06	1.0E-03	5.7E-09	1.6E-01	6.7E-01	6.0E-10	8.3E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.5E-11
298	3.2E+00	1.6E-06	1.0E-03	5.3E-09	1.6E-01	6.7E-01	5.5E-10	7.9E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
299	1.6E+01	1.6E-06	1.0E-03	2.7E-08	1.6E-01	6.7E-01	2.8E-09	2.0E+00	1.7E-07	1.0E-03	3.6E-10	1.6E-01	6.7E-01	3.8E-11
300	2.2E+01	1.6E-06	1.0E-03	3.7E-08	1.6E-01	6.7E-01	3.9E-09	2.0E+00	1.7E-07	1.0E-03	3.6E-10	1.6E-01	6.7E-01	3.8E-11
301	3.2E+01	1.6E-06	1.0E-03	5.4E-08	1.6E-01	6.7E-01	5.7E-09	2.0E+00	1.7E-07	1.0E-03	3.5E-10	1.6E-01	6.7E-01	3.7E-11

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
302	2.9E+01	1.6E-06	1.0E-03	4.7E-08	1.6E-01	6.7E-01	5.0E-09	1.9E+00	1.7E-07	1.0E-03	3.4E-10	1.6E-01	6.7E-01	3.6E-11
303	2.0E+01	1.6E-06	1.0E-03	3.3E-08	1.6E-01	6.7E-01	3.5E-09	1.9E+00	1.7E-07	1.0E-03	3.3E-10	1.6E-01	6.7E-01	3.5E-11
304	2.2E+01	1.6E-06	1.0E-03	3.6E-08	1.6E-01	6.7E-01	3.8E-09	1.8E+00	1.7E-07	1.0E-03	3.2E-10	1.6E-01	6.7E-01	3.4E-11
305	2.0E+01	1.6E-06	1.0E-03	3.3E-08	1.6E-01	6.7E-01	3.5E-09	1.8E+00	1.7E-07	1.0E-03	3.1E-10	1.6E-01	6.7E-01	3.3E-11
306	3.0E+01	1.6E-06	1.0E-03	5.0E-08	1.6E-01	6.7E-01	5.3E-09	1.7E+00	1.7E-07	1.0E-03	3.0E-10	1.6E-01	6.7E-01	3.2E-11
307	3.5E+01	1.6E-06	1.0E-03	5.8E-08	1.6E-01	6.7E-01	6.1E-09	1.6E+00	1.7E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.1E-11
308	2.6E+01	1.6E-06	1.0E-03	4.3E-08	1.6E-01	6.7E-01	4.5E-09	1.6E+00	1.7E-07	1.0E-03	2.8E-10	1.6E-01	6.7E-01	3.0E-11
309	2.0E+01	1.6E-06	1.0E-03	3.4E-08	1.6E-01	6.7E-01	3.5E-09	1.5E+00	1.7E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.9E-11
310	1.7E+01	1.6E-06	1.0E-03	2.7E-08	1.6E-01	6.7E-01	2.9E-09	1.5E+00	1.7E-07	1.0E-03	2.6E-10	1.6E-01	6.7E-01	2.7E-11
311	1.4E+01	1.6E-06	1.0E-03	2.3E-08	1.6E-01	6.7E-01	2.4E-09	1.4E+00	1.7E-07	1.0E-03	2.5E-10	1.6E-01	6.7E-01	2.6E-11
312	1.2E+01	1.6E-06	1.0E-03	1.9E-08	1.6E-01	6.7E-01	2.0E-09	1.3E+00	1.7E-07	1.0E-03	2.4E-10	1.6E-01	6.7E-01	2.5E-11
313	1.0E+01	1.6E-06	1.0E-03	1.7E-08	1.6E-01	6.7E-01	1.8E-09	1.3E+00	1.7E-07	1.0E-03	2.3E-10	1.6E-01	6.7E-01	2.4E-11
314	8.8E+00	1.6E-06	1.0E-03	1.5E-08	1.6E-01	6.7E-01	1.5E-09	1.2E+00	1.7E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11
315	7.7E+00	1.6E-06	1.0E-03	1.3E-08	1.6E-01	6.7E-01	1.3E-09	1.2E+00	1.7E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.2E-11
316	6.8E+00	1.6E-06	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.2E-09	1.1E+00	1.7E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11
317	6.0E+00	1.6E-06	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09	1.1E+00	1.7E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11
318	5.4E+00	1.6E-06	1.0E-03	8.9E-09	1.6E-01	6.7E-01	9.4E-10	1.0E+00	1.7E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11
319	4.8E+00	1.6E-06	1.0E-03	8.0E-09	1.6E-01	6.7E-01	8.4E-10	9.7E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11
320	4.4E+00	1.6E-06	1.0E-03	7.2E-09	1.6E-01	6.7E-01	7.6E-10	9.2E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
321	4.0E+00	1.6E-06	1.0E-03	6.6E-09	1.6E-01	6.7E-01	6.9E-10	8.8E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
322	3.6E+00	1.6E-06	1.0E-03	6.0E-09	1.6E-01	6.7E-01	6.3E-10	8.4E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
323	3.3E+00	1.6E-06	1.0E-03	5.5E-09	1.6E-01	6.7E-01	5.8E-10	8.0E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
324	3.0E+00	1.6E-06	1.0E-03	5.0E-09	1.6E-01	6.7E-01	5.3E-10	7.7E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11
325	1.5E+01	1.6E-06	1.0E-03	2.5E-08	1.6E-01	6.7E-01	2.6E-09	1.9E+00	1.7E-07	1.0E-03	3.4E-10	1.6E-01	6.7E-01	3.6E-11
326	2.1E+01	1.6E-06	1.0E-03	3.4E-08	1.6E-01	6.7E-01	3.6E-09	1.9E+00	1.7E-07	1.0E-03	3.3E-10	1.6E-01	6.7E-01	3.5E-11
327	3.0E+01	1.6E-06	1.0E-03	5.0E-08	1.6E-01	6.7E-01	5.2E-09	1.8E+00	1.7E-07	1.0E-03	3.3E-10	1.6E-01	6.7E-01	3.4E-11
328	1.2E+01	1.6E-06	1.0E-03	2.0E-08	1.6E-01	6.7E-01	2.1E-09	1.8E+00	1.7E-07	1.0E-03	3.2E-10	1.6E-01	6.7E-01	3.4E-11
329	1.3E+01	1.6E-06	1.0E-03	2.2E-08	1.6E-01	6.7E-01	2.3E-09	1.7E+00	1.7E-07	1.0E-03	3.1E-10	1.6E-01	6.7E-01	3.3E-11
330	1.4E+01	1.6E-06	1.0E-03	2.3E-08	1.6E-01	6.7E-01	2.4E-09	1.7E+00	1.7E-07	1.0E-03	3.0E-10	1.6E-01	6.7E-01	3.2E-11
331	1.3E+01	1.6E-06	1.0E-03	2.2E-08	1.6E-01	6.7E-01	2.3E-09	1.7E+00	1.7E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.1E-11
332	1.2E+01	1.6E-06	1.0E-03	2.0E-08	1.6E-01	6.7E-01	2.1E-09	1.6E+00	1.7E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.0E-11
333	3.2E+01	1.6E-06	1.0E-03	5.3E-08	1.6E-01	6.7E-01	5.6E-09	1.6E+00	1.7E-07	1.0E-03	2.8E-10	1.6E-01	6.7E-01	2.9E-11
334	2.4E+01	1.6E-06	1.0E-03	3.9E-08	1.6E-01	6.7E-01	4.1E-09	1.5E+00	1.7E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.8E-11
335	1.8E+01	1.6E-06	1.0E-03	3.1E-08	1.6E-01	6.7E-01	3.2E-09	1.4E+00	1.7E-07	1.0E-03	2.6E-10	1.6E-01	6.7E-01	2.7E-11
336	1.5E+01	1.6E-06	1.0E-03	2.5E-08	1.6E-01	6.7E-01	2.6E-09	1.4E+00	1.7E-07	1.0E-03	2.5E-10	1.6E-01	6.7E-01	2.6E-11
337	1.3E+01	1.6E-06	1.0E-03	2.1E-08	1.6E-01	6.7E-01	2.2E-09	1.3E+00	1.7E-07	1.0E-03	2.4E-10	1.6E-01	6.7E-01	2.5E-11
338	1.1E+01	1.6E-06	1.0E-03	1.8E-08	1.6E-01	6.7E-01	1.9E-09	1.3E+00	1.7E-07	1.0E-03	2.3E-10	1.6E-01	6.7E-01	2.4E-11
339	9.3E+00	1.6E-06	1.0E-03	1.5E-08	1.6E-01	6.7E-01	1.6E-09	1.2E+00	1.7E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11
340	8.2E+00	1.6E-06	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.4E-09	1.2E+00	1.7E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.2E-11
341	7.2E+00	1.6E-06	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.3E-09	1.1E+00	1.7E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11
342	6.4E+00	1.6E-06	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.1E-09	1.1E+00	1.7E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11
343	5.7E+00	1.6E-06	1.0E-03	9.4E-09	1.6E-01	6.7E-01	9.9E-10	1.0E+00	1.7E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11
344	5.1E+00	1.6E-06	1.0E-03	8.4E-09	1.6E-01	6.7E-01	8.9E-10	9.8E-01	1.7E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.8E-11

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
345	4.6E+00	1.6E-06	1.0E-03	7.6E-09	1.6E-01	6.7E-01	8.0E-10	9.4E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11
346	4.1E+00	1.6E-06	1.0E-03	6.9E-09	1.6E-01	6.7E-01	7.2E-10	9.0E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
347	3.8E+00	1.6E-06	1.0E-03	6.3E-09	1.6E-01	6.7E-01	6.6E-10	8.6E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
348	3.5E+00	1.6E-06	1.0E-03	5.7E-09	1.6E-01	6.7E-01	6.0E-10	8.2E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.5E-11
349	3.2E+00	1.6E-06	1.0E-03	5.2E-09	1.6E-01	6.7E-01	5.5E-10	7.8E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
350	2.9E+00	1.6E-06	1.0E-03	4.8E-09	1.6E-01	6.7E-01	5.1E-10	7.5E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
351	1.4E+01	1.6E-06	1.0E-03	2.3E-08	1.6E-01	6.7E-01	2.4E-09	1.8E+00	1.7E-07	1.0E-03	3.2E-10	1.6E-01	6.7E-01	3.3E-11
352	1.9E+01	1.6E-06	1.0E-03	3.1E-08	1.6E-01	6.7E-01	3.2E-09	1.8E+00	1.7E-07	1.0E-03	3.1E-10	1.6E-01	6.7E-01	3.3E-11
353	2.7E+01	1.6E-06	1.0E-03	4.4E-08	1.6E-01	6.7E-01	4.7E-09	1.7E+00	1.7E-07	1.0E-03	3.1E-10	1.6E-01	6.7E-01	3.2E-11
354	2.0E+01	1.6E-06	1.0E-03	3.3E-08	1.6E-01	6.7E-01	3.5E-09	1.7E+00	1.7E-07	1.0E-03	3.0E-10	1.6E-01	6.7E-01	3.1E-11
355	9.6E+00	1.6E-06	1.0E-03	1.6E-08	1.6E-01	6.7E-01	1.7E-09	1.6E+00	1.7E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.1E-11
356	1.0E+01	1.6E-06	1.0E-03	1.7E-08	1.6E-01	6.7E-01	1.7E-09	1.6E+00	1.7E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.0E-11
357	9.8E+00	1.6E-06	1.0E-03	1.6E-08	1.6E-01	6.7E-01	1.7E-09	1.6E+00	1.7E-07	1.0E-03	2.8E-10	1.6E-01	6.7E-01	2.9E-11
358	2.0E+01	1.6E-06	1.0E-03	3.3E-08	1.6E-01	6.7E-01	3.5E-09	1.5E+00	1.7E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.8E-11
359	2.8E+01	1.6E-06	1.0E-03	4.7E-08	1.6E-01	6.7E-01	4.9E-09	1.5E+00	1.7E-07	1.0E-03	2.6E-10	1.6E-01	6.7E-01	2.7E-11
360	2.1E+01	1.6E-06	1.0E-03	3.4E-08	1.6E-01	6.7E-01	3.6E-09	1.4E+00	1.7E-07	1.0E-03	2.5E-10	1.6E-01	6.7E-01	2.7E-11
361	1.6E+01	1.6E-06	1.0E-03	2.7E-08	1.6E-01	6.7E-01	2.9E-09	1.4E+00	1.7E-07	1.0E-03	2.4E-10	1.6E-01	6.7E-01	2.6E-11
362	1.4E+01	1.6E-06	1.0E-03	2.3E-08	1.6E-01	6.7E-01	2.4E-09	1.3E+00	1.7E-07	1.0E-03	2.4E-10	1.6E-01	6.7E-01	2.5E-11
363	1.1E+01	1.6E-06	1.0E-03	1.9E-08	1.6E-01	6.7E-01	2.0E-09	1.3E+00	1.7E-07	1.0E-03	2.3E-10	1.6E-01	6.7E-01	2.4E-11
364	9.9E+00	1.6E-06	1.0E-03	1.6E-08	1.6E-01	6.7E-01	1.7E-09	1.2E+00	1.7E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11
365	8.6E+00	1.6E-06	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.5E-09	1.2E+00	1.7E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.2E-11
366	7.5E+00	1.6E-06	1.0E-03	1.3E-08	1.6E-01	6.7E-01	1.3E-09	1.1E+00	1.7E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11
367	6.7E+00	1.6E-06	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.2E-09	1.1E+00	1.7E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11
368	5.9E+00	1.6E-06	1.0E-03	9.9E-09	1.6E-01	6.7E-01	1.0E-09	1.0E+00	1.7E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11
369	5.3E+00	1.6E-06	1.0E-03	8.8E-09	1.6E-01	6.7E-01	9.3E-10	9.9E-01	1.7E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11
370	4.8E+00	1.6E-06	1.0E-03	7.9E-09	1.6E-01	6.7E-01	8.3E-10	9.5E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11
371	4.3E+00	1.6E-06	1.0E-03	7.2E-09	1.6E-01	6.7E-01	7.5E-10	9.1E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
372	3.9E+00	1.6E-06	1.0E-03	6.5E-09	1.6E-01	6.7E-01	6.8E-10	8.7E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
373	3.6E+00	1.6E-06	1.0E-03	5.9E-09	1.6E-01	6.7E-01	6.2E-10	8.3E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
374	3.3E+00	1.6E-06	1.0E-03	5.4E-09	1.6E-01	6.7E-01	5.7E-10	7.9E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
375	3.0E+00	1.6E-06	1.0E-03	5.0E-09	1.6E-01	6.7E-01	5.3E-10	7.6E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11
376	2.8E+00	1.6E-06	1.0E-03	4.6E-09	1.6E-01	6.7E-01	4.8E-10	7.3E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
377	1.2E+01	1.6E-06	1.0E-03	2.0E-08	1.6E-01	6.7E-01	2.1E-09	1.7E+00	1.7E-07	1.0E-03	3.0E-10	1.6E-01	6.7E-01	3.1E-11
378	1.6E+01	1.6E-06	1.0E-03	2.6E-08	1.6E-01	6.7E-01	2.8E-09	1.6E+00	1.7E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.1E-11
379	2.2E+01	1.6E-06	1.0E-03	3.7E-08	1.6E-01	6.7E-01	3.9E-09	1.6E+00	1.7E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.0E-11
380	1.4E+01	1.6E-06	1.0E-03	2.3E-08	1.6E-01	6.7E-01	2.4E-09	1.6E+00	1.7E-07	1.0E-03	2.8E-10	1.6E-01	6.7E-01	3.0E-11
381	1.6E+01	1.6E-06	1.0E-03	2.7E-08	1.6E-01	6.7E-01	2.8E-09	1.5E+00	1.7E-07	1.0E-03	2.8E-10	1.6E-01	6.7E-01	2.9E-11
382	6.2E+00	1.6E-06	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09	1.0E+00	1.7E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11
383	5.5E+00	1.6E-06	1.0E-03	9.2E-09	1.6E-01	6.7E-01	9.6E-10	1.0E+00	1.7E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11
384	5.0E+00	1.6E-06	1.0E-03	8.2E-09	1.6E-01	6.7E-01	8.7E-10	9.5E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11
385	4.5E+00	1.6E-06	1.0E-03	7.4E-09	1.6E-01	6.7E-01	7.8E-10	9.2E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
386	4.1E+00	1.6E-06	1.0E-03	6.8E-09	1.6E-01	6.7E-01	7.1E-10	8.8E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.6E-11
387	3.7E+00	1.6E-06	1.0E-03	6.2E-09	1.6E-01	6.7E-01	6.5E-10	8.4E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
388	3.4E+00	1.6E-06	1.0E-03	5.6E-09	1.6E-01	6.7E-01	5.9E-10	8.1E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
389	3.1E+00	1.6E-06	1.0E-03	5.2E-09	1.6E-01	6.7E-01	5.4E-10	7.7E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11
390	2.9E+00	1.6E-06	1.0E-03	4.8E-09	1.6E-01	6.7E-01	5.0E-10	7.4E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
391	2.7E+00	1.6E-06	1.0E-03	4.4E-09	1.6E-01	6.7E-01	4.6E-10	7.1E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.3E-11
392	1.0E+01	1.6E-06	1.0E-03	1.7E-08	1.6E-01	6.7E-01	1.8E-09	1.6E+00	1.7E-07	1.0E-03	2.8E-10	1.6E-01	6.7E-01	2.9E-11
393	1.3E+01	1.6E-06	1.0E-03	2.2E-08	1.6E-01	6.7E-01	2.3E-09	1.5E+00	1.7E-07	1.0E-03	2.8E-10	1.6E-01	6.7E-01	2.9E-11
394	1.7E+01	1.6E-06	1.0E-03	2.9E-08	1.6E-01	6.7E-01	3.0E-09	1.5E+00	1.7E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.8E-11
395	2.4E+01	1.6E-06	1.0E-03	4.0E-08	1.6E-01	6.7E-01	4.2E-09	1.5E+00	1.7E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.8E-11
396	1.1E+01	1.6E-06	1.0E-03	1.9E-08	1.6E-01	6.7E-01	2.0E-09	1.5E+00	1.7E-07	1.0E-03	2.6E-10	1.6E-01	6.7E-01	2.7E-11
397	5.7E+00	1.6E-06	1.0E-03	9.4E-09	1.6E-01	6.7E-01	9.9E-10	1.0E+00	1.7E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11
398	5.1E+00	1.6E-06	1.0E-03	8.5E-09	1.6E-01	6.7E-01	8.9E-10	9.6E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11
399	4.6E+00	1.6E-06	1.0E-03	7.7E-09	1.6E-01	6.7E-01	8.1E-10	9.2E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
400	4.2E+00	1.6E-06	1.0E-03	7.0E-09	1.6E-01	6.7E-01	7.3E-10	8.8E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
401	3.8E+00	1.6E-06	1.0E-03	6.4E-09	1.6E-01	6.7E-01	6.7E-10	8.5E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
402	3.5E+00	1.6E-06	1.0E-03	5.8E-09	1.6E-01	6.7E-01	6.1E-10	8.1E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.5E-11
403	3.2E+00	1.6E-06	1.0E-03	5.3E-09	1.6E-01	6.7E-01	5.6E-10	7.8E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
404	3.0E+00	1.6E-06	1.0E-03	4.9E-09	1.6E-01	6.7E-01	5.2E-10	7.5E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
405	2.7E+00	1.6E-06	1.0E-03	4.5E-09	1.6E-01	6.7E-01	4.8E-10	7.2E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.3E-11
406	2.5E+00	1.6E-06	1.0E-03	4.2E-09	1.6E-01	6.7E-01	4.4E-10	6.9E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
407	8.7E+00	1.6E-06	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.5E-09	1.5E+00	1.7E-07	1.0E-03	2.6E-10	1.6E-01	6.7E-01	2.8E-11
408	1.1E+01	1.6E-06	1.0E-03	1.8E-08	1.6E-01	6.7E-01	1.9E-09	1.5E+00	1.7E-07	1.0E-03	2.6E-10	1.6E-01	6.7E-01	2.7E-11
409	1.3E+01	1.6E-06	1.0E-03	2.2E-08	1.6E-01	6.7E-01	2.3E-09	1.4E+00	1.7E-07	1.0E-03	2.6E-10	1.6E-01	6.7E-01	2.7E-11
410	1.6E+01	1.6E-06	1.0E-03	2.7E-08	1.6E-01	6.7E-01	2.9E-09	1.4E+00	1.7E-07	1.0E-03	2.5E-10	1.6E-01	6.7E-01	2.6E-11
411	2.0E+01	1.6E-06	1.0E-03	3.2E-08	1.6E-01	6.7E-01	3.4E-09	1.4E+00	1.7E-07	1.0E-03	2.5E-10	1.6E-01	6.7E-01	2.6E-11
412	5.2E+00	1.6E-06	1.0E-03	8.7E-09	1.6E-01	6.7E-01	9.1E-10	9.6E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11
413	4.7E+00	1.6E-06	1.0E-03	7.9E-09	1.6E-01	6.7E-01	8.3E-10	9.2E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
414	4.3E+00	1.6E-06	1.0E-03	7.1E-09	1.6E-01	6.7E-01	7.5E-10	8.9E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
415	3.9E+00	1.6E-06	1.0E-03	6.5E-09	1.6E-01	6.7E-01	6.9E-10	8.5E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
416	3.6E+00	1.6E-06	1.0E-03	6.0E-09	1.6E-01	6.7E-01	6.3E-10	8.2E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.5E-11
417	3.3E+00	1.6E-06	1.0E-03	5.5E-09	1.6E-01	6.7E-01	5.8E-10	7.9E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
418	3.0E+00	1.6E-06	1.0E-03	5.1E-09	1.6E-01	6.7E-01	5.3E-10	7.6E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11
419	2.8E+00	1.6E-06	1.0E-03	4.7E-09	1.6E-01	6.7E-01	4.9E-10	7.3E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
420	2.6E+00	1.6E-06	1.0E-03	4.3E-09	1.6E-01	6.7E-01	4.5E-10	7.0E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
421	2.4E+00	1.6E-06	1.0E-03	4.0E-09	1.6E-01	6.7E-01	4.2E-10	6.7E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
422	7.4E+00	1.6E-06	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.3E-09	1.4E+00	1.7E-07	1.0E-03	2.5E-10	1.6E-01	6.7E-01	2.6E-11
423	8.6E+00	1.6E-06	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.5E-09	1.4E+00	1.7E-07	1.0E-03	2.5E-10	1.6E-01	6.7E-01	2.6E-11
424	1.0E+01	1.6E-06	1.0E-03	1.7E-08	1.6E-01	6.7E-01	1.8E-09	1.4E+00	1.7E-07	1.0E-03	2.4E-10	1.6E-01	6.7E-01	2.5E-11
425	1.2E+01	1.6E-06	1.0E-03	2.0E-08	1.6E-01	6.7E-01	2.1E-09	1.3E+00	1.7E-07	1.0E-03	2.4E-10	1.6E-01	6.7E-01	2.5E-11
426	1.3E+01	1.6E-06	1.0E-03	2.2E-08	1.6E-01	6.7E-01	2.3E-09	1.3E+00	1.7E-07	1.0E-03	2.3E-10	1.6E-01	6.7E-01	2.4E-11
427	4.8E+00	1.6E-06	1.0E-03	7.9E-09	1.6E-01	6.7E-01	8.3E-10	9.2E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
428	4.4E+00	1.6E-06	1.0E-03	7.3E-09	1.6E-01	6.7E-01	7.6E-10	8.9E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
429	4.0E+00	1.6E-06	1.0E-03	6.6E-09	1.6E-01	6.7E-01	7.0E-10	8.6E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
430	3.7E+00	1.6E-06	1.0E-03	6.1E-09	1.6E-01	6.7E-01	6.4E-10	8.3E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.5E-11

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
431	3.4E+00	1.6E-06	1.0E-03	5.6E-09	1.6E-01	6.7E-01	5.9E-10	8.0E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
432	3.1E+00	1.6E-06	1.0E-03	5.2E-09	1.6E-01	6.7E-01	5.4E-10	7.7E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11
433	2.9E+00	1.6E-06	1.0E-03	4.8E-09	1.6E-01	6.7E-01	5.0E-10	7.4E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
434	2.7E+00	1.6E-06	1.0E-03	4.4E-09	1.6E-01	6.7E-01	4.6E-10	7.1E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.3E-11
435	2.5E+00	1.6E-06	1.0E-03	4.1E-09	1.6E-01	6.7E-01	4.3E-10	6.8E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
436	2.3E+00	1.6E-06	1.0E-03	3.8E-09	1.6E-01	6.7E-01	4.0E-10	6.6E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11
437	6.2E+00	1.6E-06	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09	1.3E+00	1.7E-07	1.0E-03	2.4E-10	1.6E-01	6.7E-01	2.5E-11
438	7.0E+00	1.6E-06	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.2E-09	1.3E+00	1.7E-07	1.0E-03	2.3E-10	1.6E-01	6.7E-01	2.4E-11
439	8.0E+00	1.6E-06	1.0E-03	1.3E-08	1.6E-01	6.7E-01	1.4E-09	1.3E+00	1.7E-07	1.0E-03	2.3E-10	1.6E-01	6.7E-01	2.4E-11
440	8.9E+00	1.6E-06	1.0E-03	1.5E-08	1.6E-01	6.7E-01	1.6E-09	1.3E+00	1.7E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.4E-11
441	9.7E+00	1.6E-06	1.0E-03	1.6E-08	1.6E-01	6.7E-01	1.7E-09	1.2E+00	1.7E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11
442	4.4E+00	1.6E-06	1.0E-03	7.3E-09	1.6E-01	6.7E-01	7.6E-10	8.9E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
443	4.0E+00	1.6E-06	1.0E-03	6.7E-09	1.6E-01	6.7E-01	7.0E-10	8.6E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
444	3.7E+00	1.6E-06	1.0E-03	6.2E-09	1.6E-01	6.7E-01	6.5E-10	8.3E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
445	3.4E+00	1.6E-06	1.0E-03	5.7E-09	1.6E-01	6.7E-01	6.0E-10	8.0E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
446	3.2E+00	1.6E-06	1.0E-03	5.3E-09	1.6E-01	6.7E-01	5.5E-10	7.7E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11
447	2.9E+00	1.6E-06	1.0E-03	4.9E-09	1.6E-01	6.7E-01	5.1E-10	7.4E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
448	2.7E+00	1.6E-06	1.0E-03	4.5E-09	1.6E-01	6.7E-01	4.8E-10	7.2E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.3E-11
449	2.5E+00	1.6E-06	1.0E-03	4.2E-09	1.6E-01	6.7E-01	4.4E-10	6.9E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
450	2.4E+00	1.6E-06	1.0E-03	3.9E-09	1.6E-01	6.7E-01	4.1E-10	6.6E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11
451	2.2E+00	1.6E-06	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.8E-10	6.4E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
452	5.2E+00	1.6E-06	1.0E-03	8.7E-09	1.6E-01	6.7E-01	9.1E-10	1.2E+00	1.7E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11
453	5.9E+00	1.6E-06	1.0E-03	9.7E-09	1.6E-01	6.7E-01	1.0E-09	1.2E+00	1.7E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11
454	6.5E+00	1.6E-06	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.1E-09	1.2E+00	1.7E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11
455	7.1E+00	1.6E-06	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.2E-09	1.2E+00	1.7E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.2E-11
456	7.6E+00	1.6E-06	1.0E-03	1.3E-08	1.6E-01	6.7E-01	1.3E-09	1.2E+00	1.7E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.2E-11
457	4.0E+00	1.6E-06	1.0E-03	6.7E-09	1.6E-01	6.7E-01	7.0E-10	8.5E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
458	3.7E+00	1.6E-06	1.0E-03	6.2E-09	1.6E-01	6.7E-01	6.5E-10	8.3E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.5E-11
459	3.5E+00	1.6E-06	1.0E-03	5.7E-09	1.6E-01	6.7E-01	6.0E-10	8.0E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
460	3.2E+00	1.6E-06	1.0E-03	5.3E-09	1.6E-01	6.7E-01	5.6E-10	7.7E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11
461	3.0E+00	1.6E-06	1.0E-03	4.9E-09	1.6E-01	6.7E-01	5.2E-10	7.5E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
462	2.8E+00	1.6E-06	1.0E-03	4.6E-09	1.6E-01	6.7E-01	4.8E-10	7.2E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.3E-11
463	2.6E+00	1.6E-06	1.0E-03	4.3E-09	1.6E-01	6.7E-01	4.5E-10	7.0E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
464	2.4E+00	1.6E-06	1.0E-03	4.0E-09	1.6E-01	6.7E-01	4.2E-10	6.7E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
465	2.2E+00	1.6E-06	1.0E-03	3.7E-09	1.6E-01	6.7E-01	3.9E-10	6.5E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11
466	2.1E+00	1.6E-06	1.0E-03	3.5E-09	1.6E-01	6.7E-01	3.7E-10	6.2E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
467	4.5E+00	1.6E-06	1.0E-03	7.5E-09	1.6E-01	6.7E-01	7.8E-10	1.2E+00	1.7E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.2E-11
468	4.9E+00	1.6E-06	1.0E-03	8.2E-09	1.6E-01	6.7E-01	8.6E-10	1.2E+00	1.7E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.2E-11
469	5.4E+00	1.6E-06	1.0E-03	8.9E-09	1.6E-01	6.7E-01	9.4E-10	1.2E+00	1.7E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.2E-11
470	5.8E+00	1.6E-06	1.0E-03	9.7E-09	1.6E-01	6.7E-01	1.0E-09	1.1E+00	1.7E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11
471	6.2E+00	1.6E-06	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09	1.1E+00	1.7E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11
472	3.7E+00	1.6E-06	1.0E-03	6.1E-09	1.6E-01	6.7E-01	6.4E-10	8.2E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.5E-11
473	3.5E+00	1.6E-06	1.0E-03	5.7E-09	1.6E-01	6.7E-01	6.0E-10	8.0E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
474	3.2E+00	1.6E-06	1.0E-03	5.3E-09	1.6E-01	6.7E-01	5.6E-10	7.7E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11
475	3.0E+00	1.6E-06	1.0E-03	5.0E-09	1.6E-01	6.7E-01	5.2E-10	7.5E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
476	2.8E+00	1.6E-06	1.0E-03	4.6E-09	1.6E-01	6.7E-01	4.9E-10	7.2E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
477	2.6E+00	1.6E-06	1.0E-03	4.3E-09	1.6E-01	6.7E-01	4.6E-10	7.0E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
478	2.4E+00	1.6E-06	1.0E-03	4.1E-09	1.6E-01	6.7E-01	4.3E-10	6.8E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
479	2.3E+00	1.6E-06	1.0E-03	3.8E-09	1.6E-01	6.7E-01	4.0E-10	6.5E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11
480	2.1E+00	1.6E-06	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.7E-10	6.3E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
481	2.0E+00	1.6E-06	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.5E-10	6.1E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
482	3.9E+00	1.6E-06	1.0E-03	6.5E-09	1.6E-01	6.7E-01	6.8E-10	1.1E+00	1.7E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11
483	4.2E+00	1.6E-06	1.0E-03	7.0E-09	1.6E-01	6.7E-01	7.4E-10	1.1E+00	1.7E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11
484	4.6E+00	1.6E-06	1.0E-03	7.6E-09	1.6E-01	6.7E-01	8.0E-10	1.1E+00	1.7E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11
485	4.9E+00	1.6E-06	1.0E-03	8.1E-09	1.6E-01	6.7E-01	8.6E-10	1.1E+00	1.7E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11
486	5.2E+00	1.6E-06	1.0E-03	8.6E-09	1.6E-01	6.7E-01	9.0E-10	1.1E+00	1.7E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11
487	3.4E+00	1.6E-06	1.0E-03	5.6E-09	1.6E-01	6.7E-01	5.9E-10	7.9E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
488	3.2E+00	1.6E-06	1.0E-03	5.3E-09	1.6E-01	6.7E-01	5.6E-10	7.7E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11
489	3.0E+00	1.6E-06	1.0E-03	5.0E-09	1.6E-01	6.7E-01	5.2E-10	7.5E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
490	2.8E+00	1.6E-06	1.0E-03	4.7E-09	1.6E-01	6.7E-01	4.9E-10	7.2E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
491	2.6E+00	1.6E-06	1.0E-03	4.4E-09	1.6E-01	6.7E-01	4.6E-10	7.0E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
492	2.5E+00	1.6E-06	1.0E-03	4.1E-09	1.6E-01	6.7E-01	4.3E-10	6.8E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
493	2.3E+00	1.6E-06	1.0E-03	3.8E-09	1.6E-01	6.7E-01	4.0E-10	6.6E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11
494	2.2E+00	1.6E-06	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.8E-10	6.3E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
495	2.0E+00	1.6E-06	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.6E-10	6.1E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
496	1.9E+00	1.6E-06	1.0E-03	3.2E-09	1.6E-01	6.7E-01	3.3E-10	5.9E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
497	3.4E+00	1.6E-06	1.0E-03	5.7E-09	1.6E-01	6.7E-01	6.0E-10	1.1E+00	1.7E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11
498	3.7E+00	1.6E-06	1.0E-03	6.1E-09	1.6E-01	6.7E-01	6.5E-10	1.1E+00	1.7E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11
499	4.0E+00	1.6E-06	1.0E-03	6.6E-09	1.6E-01	6.7E-01	6.9E-10	1.0E+00	1.7E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11
500	4.2E+00	1.6E-06	1.0E-03	7.0E-09	1.6E-01	6.7E-01	7.4E-10	1.0E+00	1.7E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11
501	4.4E+00	1.6E-06	1.0E-03	7.3E-09	1.6E-01	6.7E-01	7.7E-10	1.0E+00	1.7E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11
502	3.1E+00	1.6E-06	1.0E-03	5.2E-09	1.6E-01	6.7E-01	5.5E-10	7.7E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11
503	3.0E+00	1.6E-06	1.0E-03	4.9E-09	1.6E-01	6.7E-01	5.2E-10	7.4E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
504	2.8E+00	1.6E-06	1.0E-03	4.6E-09	1.6E-01	6.7E-01	4.9E-10	7.2E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
505	2.6E+00	1.6E-06	1.0E-03	4.4E-09	1.6E-01	6.7E-01	4.6E-10	7.0E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
506	2.5E+00	1.6E-06	1.0E-03	4.1E-09	1.6E-01	6.7E-01	4.3E-10	6.8E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
507	2.3E+00	1.6E-06	1.0E-03	3.9E-09	1.6E-01	6.7E-01	4.1E-10	6.6E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11
508	2.2E+00	1.6E-06	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.8E-10	6.4E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
509	2.1E+00	1.6E-06	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.6E-10	6.2E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
510	1.9E+00	1.6E-06	1.0E-03	3.2E-09	1.6E-01	6.7E-01	3.4E-10	6.0E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
511	1.8E+00	1.6E-06	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.2E-10	5.8E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
512	3.0E+00	1.6E-06	1.0E-03	5.1E-09	1.6E-01	6.7E-01	5.3E-10	1.0E+00	1.7E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11
513	3.3E+00	1.6E-06	1.0E-03	5.4E-09	1.6E-01	6.7E-01	5.7E-10	1.0E+00	1.7E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11
514	3.5E+00	1.6E-06	1.0E-03	5.8E-09	1.6E-01	6.7E-01	6.1E-10	9.9E-01	1.7E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11
515	3.7E+00	1.6E-06	1.0E-03	6.1E-09	1.6E-01	6.7E-01	6.4E-10	9.8E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11
516	3.8E+00	1.6E-06	1.0E-03	6.3E-09	1.6E-01	6.7E-01	6.7E-10	9.7E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
517	2.9E+00	1.6E-06	1.0E-03	4.8E-09	1.6E-01	6.7E-01	5.1E-10	7.4E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
518	2.8E+00	1.6E-06	1.0E-03	4.6E-09	1.6E-01	6.7E-01	4.8E-10	7.2E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.3E-11
519	2.6E+00	1.6E-06	1.0E-03	4.3E-09	1.6E-01	6.7E-01	4.5E-10	7.0E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
520	2.5E+00	1.6E-06	1.0E-03	4.1E-09	1.6E-01	6.7E-01	4.3E-10	6.8E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
521	2.3E+00	1.6E-06	1.0E-03	3.9E-09	1.6E-01	6.7E-01	4.1E-10	6.6E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11
522	2.2E+00	1.6E-06	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.8E-10	6.4E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
523	2.1E+00	1.6E-06	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.6E-10	6.2E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
524	2.0E+00	1.6E-06	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.4E-10	6.0E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
525	1.9E+00	1.6E-06	1.0E-03	3.1E-09	1.6E-01	6.7E-01	3.2E-10	5.8E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
526	1.8E+00	1.6E-06	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.1E-10	5.6E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
527	2.7E+00	1.6E-06	1.0E-03	4.5E-09	1.6E-01	6.7E-01	4.8E-10	9.7E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11
528	2.9E+00	1.6E-06	1.0E-03	4.8E-09	1.6E-01	6.7E-01	5.1E-10	9.6E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11
529	3.1E+00	1.6E-06	1.0E-03	5.1E-09	1.6E-01	6.7E-01	5.4E-10	9.5E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11
530	3.2E+00	1.6E-06	1.0E-03	5.4E-09	1.6E-01	6.7E-01	5.6E-10	9.4E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11
531	3.4E+00	1.6E-06	1.0E-03	5.6E-09	1.6E-01	6.7E-01	5.9E-10	9.2E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
532	2.7E+00	1.6E-06	1.0E-03	4.5E-09	1.6E-01	6.7E-01	4.7E-10	7.1E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.3E-11
533	2.6E+00	1.6E-06	1.0E-03	4.2E-09	1.6E-01	6.7E-01	4.5E-10	6.9E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
534	2.4E+00	1.6E-06	1.0E-03	4.0E-09	1.6E-01	6.7E-01	4.2E-10	6.7E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
535	2.3E+00	1.6E-06	1.0E-03	3.8E-09	1.6E-01	6.7E-01	4.0E-10	6.6E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11
536	2.2E+00	1.6E-06	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.8E-10	6.4E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
537	2.1E+00	1.6E-06	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.6E-10	6.2E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
538	2.0E+00	1.6E-06	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.4E-10	6.0E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
539	1.9E+00	1.6E-06	1.0E-03	3.1E-09	1.6E-01	6.7E-01	3.2E-10	5.8E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
540	1.8E+00	1.6E-06	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.1E-10	5.7E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
541	1.7E+00	1.6E-06	1.0E-03	2.8E-09	1.6E-01	6.7E-01	2.9E-10	5.5E-01	1.7E-07	1.0E-03	9.8E-11	1.6E-01	6.7E-01	1.0E-11
542	2.5E+00	1.6E-06	1.0E-03	4.1E-09	1.6E-01	6.7E-01	4.3E-10	9.2E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
543	2.6E+00	1.6E-06	1.0E-03	4.3E-09	1.6E-01	6.7E-01	4.6E-10	9.2E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
544	2.8E+00	1.6E-06	1.0E-03	4.6E-09	1.6E-01	6.7E-01	4.8E-10	9.0E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
545	2.9E+00	1.6E-06	1.0E-03	4.8E-09	1.6E-01	6.7E-01	5.0E-10	8.9E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
546	3.0E+00	1.6E-06	1.0E-03	4.9E-09	1.6E-01	6.7E-01	5.2E-10	8.8E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
547	2.5E+00	1.6E-06	1.0E-03	4.1E-09	1.6E-01	6.7E-01	4.3E-10	6.9E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
548	2.4E+00	1.6E-06	1.0E-03	3.9E-09	1.6E-01	6.7E-01	4.1E-10	6.7E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
549	2.3E+00	1.6E-06	1.0E-03	3.8E-09	1.6E-01	6.7E-01	3.9E-10	6.5E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11
550	2.2E+00	1.6E-06	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.8E-10	6.3E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
551	2.0E+00	1.6E-06	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.5E-10	6.1E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
552	1.9E+00	1.6E-06	1.0E-03	3.2E-09	1.6E-01	6.7E-01	3.4E-10	6.0E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
553	1.8E+00	1.6E-06	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.2E-10	5.8E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
554	1.7E+00	1.6E-06	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.0E-10	5.6E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
555	1.7E+00	1.6E-06	1.0E-03	2.8E-09	1.6E-01	6.7E-01	2.9E-10	5.5E-01	1.7E-07	1.0E-03	9.8E-11	1.6E-01	6.7E-01	1.0E-11
556	1.6E+00	1.6E-06	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10	5.3E-01	1.7E-07	1.0E-03	9.5E-11	1.6E-01	6.7E-01	9.9E-12
557	2.2E+00	1.6E-06	1.0E-03	3.7E-09	1.6E-01	6.7E-01	3.9E-10	8.8E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
558	2.4E+00	1.6E-06	1.0E-03	3.9E-09	1.6E-01	6.7E-01	4.1E-10	8.7E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.6E-11
559	2.5E+00	1.6E-06	1.0E-03	4.1E-09	1.6E-01	6.7E-01	4.3E-10	8.6E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
560	2.6E+00	1.6E-06	1.0E-03	4.3E-09	1.6E-01	6.7E-01	4.5E-10	8.5E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
561	2.7E+00	1.6E-06	1.0E-03	4.4E-09	1.6E-01	6.7E-01	4.7E-10	8.4E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
562	2.2E+00	1.6E-06	1.0E-03	3.7E-09	1.6E-01	6.7E-01	3.9E-10	6.5E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11
563	2.1E+00	1.6E-06	1.0E-03	3.5E-09	1.6E-01	6.7E-01	3.7E-10	6.3E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
564	2.0E+00	1.6E-06	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.5E-10	6.1E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
565	1.9E+00	1.6E-06	1.0E-03	3.1E-09	1.6E-01	6.7E-01	3.3E-10	5.9E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
566	1.8E+00	1.6E-06	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.1E-10	5.7E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
567	1.7E+00	1.6E-06	1.0E-03	2.8E-09	1.6E-01	6.7E-01	3.0E-10	5.6E-01	1.7E-07	1.0E-03	9.9E-11	1.6E-01	6.7E-01	1.0E-11
568	1.6E+00	1.6E-06	1.0E-03	2.7E-09	1.6E-01	6.7E-01	2.8E-10	5.4E-01	1.7E-07	1.0E-03	9.7E-11	1.6E-01	6.7E-01	1.0E-11
569	1.6E+00	1.6E-06	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10	5.3E-01	1.7E-07	1.0E-03	9.4E-11	1.6E-01	6.7E-01	9.9E-12
570	1.5E+00	1.6E-06	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.6E-10	5.1E-01	1.7E-07	1.0E-03	9.1E-11	1.6E-01	6.7E-01	9.6E-12
571	2.0E+00	1.6E-06	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.6E-10	8.4E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
572	2.2E+00	1.6E-06	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.7E-10	8.4E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
573	2.2E+00	1.6E-06	1.0E-03	3.7E-09	1.6E-01	6.7E-01	3.9E-10	8.3E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.5E-11
574	2.3E+00	1.6E-06	1.0E-03	3.9E-09	1.6E-01	6.7E-01	4.1E-10	8.2E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.5E-11
575	2.4E+00	1.6E-06	1.0E-03	4.0E-09	1.6E-01	6.7E-01	4.2E-10	8.1E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
576	2.0E+00	1.6E-06	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.5E-10	6.1E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
577	1.9E+00	1.6E-06	1.0E-03	3.2E-09	1.6E-01	6.7E-01	3.3E-10	6.0E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
578	1.8E+00	1.6E-06	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.1E-10	5.8E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
579	1.7E+00	1.6E-06	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.0E-10	5.6E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
580	1.6E+00	1.6E-06	1.0E-03	2.7E-09	1.6E-01	6.7E-01	2.9E-10	5.5E-01	1.7E-07	1.0E-03	9.7E-11	1.6E-01	6.7E-01	1.0E-11
581	1.6E+00	1.6E-06	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10	5.3E-01	1.7E-07	1.0E-03	9.4E-11	1.6E-01	6.7E-01	9.9E-12
582	1.5E+00	1.6E-06	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.6E-10	5.1E-01	1.7E-07	1.0E-03	9.1E-11	1.6E-01	6.7E-01	9.6E-12
583	1.4E+00	1.6E-06	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.5E-10	5.0E-01	1.7E-07	1.0E-03	8.9E-11	1.6E-01	6.7E-01	9.3E-12
584	1.9E+00	1.6E-06	1.0E-03	3.1E-09	1.6E-01	6.7E-01	3.3E-10	8.1E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
585	2.0E+00	1.6E-06	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.4E-10	8.0E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
586	2.1E+00	1.6E-06	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.6E-10	7.9E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
587	2.1E+00	1.6E-06	1.0E-03	3.5E-09	1.6E-01	6.7E-01	3.7E-10	7.8E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
588	2.2E+00	1.6E-06	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.8E-10	7.7E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
589	1.8E+00	1.6E-06	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.2E-10	5.8E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
590	1.7E+00	1.6E-06	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.0E-10	5.7E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
591	1.7E+00	1.6E-06	1.0E-03	2.8E-09	1.6E-01	6.7E-01	2.9E-10	5.5E-01	1.7E-07	1.0E-03	9.8E-11	1.6E-01	6.7E-01	1.0E-11
592	1.6E+00	1.6E-06	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.8E-10	5.4E-01	1.7E-07	1.0E-03	9.6E-11	1.6E-01	6.7E-01	1.0E-11
593	1.5E+00	1.6E-06	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.7E-10	5.2E-01	1.7E-07	1.0E-03	9.3E-11	1.6E-01	6.7E-01	9.8E-12
594	1.4E+00	1.6E-06	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	5.1E-01	1.7E-07	1.0E-03	9.0E-11	1.6E-01	6.7E-01	9.5E-12
595	1.4E+00	1.6E-06	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10	4.9E-01	1.7E-07	1.0E-03	8.7E-11	1.6E-01	6.7E-01	9.2E-12
596	1.7E+00	1.6E-06	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.0E-10	7.7E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11
597	1.8E+00	1.6E-06	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.1E-10	7.7E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11
598	1.9E+00	1.6E-06	1.0E-03	3.1E-09	1.6E-01	6.7E-01	3.3E-10	7.6E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11
599	1.9E+00	1.6E-06	1.0E-03	3.2E-09	1.6E-01	6.7E-01	3.4E-10	7.5E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
600	2.0E+00	1.6E-06	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.5E-10	7.4E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
601	1.6E+00	1.6E-06	1.0E-03	2.7E-09	1.6E-01	6.7E-01	2.9E-10	5.5E-01	1.7E-07	1.0E-03	9.8E-11	1.6E-01	6.7E-01	1.0E-11
602	1.6E+00	1.6E-06	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.8E-10	5.4E-01	1.7E-07	1.0E-03	9.6E-11	1.6E-01	6.7E-01	1.0E-11

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
603	1.5E+00	1.6E-06	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.6E-10	5.2E-01	1.7E-07	1.0E-03	9.3E-11	1.6E-01	6.7E-01	9.8E-12
604	1.5E+00	1.6E-06	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	5.1E-01	1.7E-07	1.0E-03	9.1E-11	1.6E-01	6.7E-01	9.5E-12
605	1.4E+00	1.6E-06	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10	5.0E-01	1.7E-07	1.0E-03	8.8E-11	1.6E-01	6.7E-01	9.3E-12
606	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	4.8E-01	1.7E-07	1.0E-03	8.6E-11	1.6E-01	6.7E-01	9.0E-12
607	1.6E+00	1.6E-06	1.0E-03	2.7E-09	1.6E-01	6.7E-01	2.8E-10	7.4E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
608	1.7E+00	1.6E-06	1.0E-03	2.8E-09	1.6E-01	6.7E-01	2.9E-10	7.3E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
609	1.7E+00	1.6E-06	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.0E-10	7.3E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
610	1.8E+00	1.6E-06	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.1E-10	7.2E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
611	1.8E+00	1.6E-06	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.2E-10	7.1E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.3E-11
612	1.6E+00	1.6E-06	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10	5.3E-01	1.7E-07	1.0E-03	9.5E-11	1.6E-01	6.7E-01	1.0E-11
613	1.5E+00	1.6E-06	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.6E-10	5.2E-01	1.7E-07	1.0E-03	9.3E-11	1.6E-01	6.7E-01	9.8E-12
614	1.4E+00	1.6E-06	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	5.1E-01	1.7E-07	1.0E-03	9.1E-11	1.6E-01	6.7E-01	9.5E-12
615	1.4E+00	1.6E-06	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10	5.0E-01	1.7E-07	1.0E-03	8.8E-11	1.6E-01	6.7E-01	9.3E-12
616	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	4.8E-01	1.7E-07	1.0E-03	8.6E-11	1.6E-01	6.7E-01	9.0E-12
617	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	4.7E-01	1.7E-07	1.0E-03	8.4E-11	1.6E-01	6.7E-01	8.8E-12
618	1.5E+00	1.6E-06	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.6E-10	7.1E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.3E-11
619	1.5E+00	1.6E-06	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10	7.0E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.3E-11
620	1.6E+00	1.6E-06	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.8E-10	7.0E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
621	1.6E+00	1.6E-06	1.0E-03	2.7E-09	1.6E-01	6.7E-01	2.9E-10	6.9E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
622	1.7E+00	1.6E-06	1.0E-03	2.8E-09	1.6E-01	6.7E-01	2.9E-10	6.9E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
623	1.5E+00	1.6E-06	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.6E-10	5.2E-01	1.7E-07	1.0E-03	9.3E-11	1.6E-01	6.7E-01	9.7E-12
624	1.4E+00	1.6E-06	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	5.1E-01	1.7E-07	1.0E-03	9.0E-11	1.6E-01	6.7E-01	9.5E-12
625	1.4E+00	1.6E-06	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10	5.0E-01	1.7E-07	1.0E-03	8.8E-11	1.6E-01	6.7E-01	9.3E-12
626	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	4.8E-01	1.7E-07	1.0E-03	8.6E-11	1.6E-01	6.7E-01	9.1E-12
627	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	4.7E-01	1.7E-07	1.0E-03	8.4E-11	1.6E-01	6.7E-01	8.8E-12
628	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	4.6E-01	1.7E-07	1.0E-03	8.2E-11	1.6E-01	6.7E-01	8.6E-12
629	1.4E+00	1.6E-06	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10	6.8E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
630	1.4E+00	1.6E-06	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	6.8E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
631	1.5E+00	1.6E-06	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.6E-10	6.7E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
632	1.5E+00	1.6E-06	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.7E-10	6.7E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11
633	1.6E+00	1.6E-06	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10	6.6E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11
634	1.4E+00	1.6E-06	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10	5.0E-01	1.7E-07	1.0E-03	9.0E-11	1.6E-01	6.7E-01	9.4E-12
635	1.4E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.4E-10	4.9E-01	1.7E-07	1.0E-03	8.8E-11	1.6E-01	6.7E-01	9.2E-12
636	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	4.8E-01	1.7E-07	1.0E-03	8.6E-11	1.6E-01	6.7E-01	9.0E-12
637	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	4.7E-01	1.7E-07	1.0E-03	8.4E-11	1.6E-01	6.7E-01	8.8E-12
638	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	4.6E-01	1.7E-07	1.0E-03	8.2E-11	1.6E-01	6.7E-01	8.6E-12
639	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	4.5E-01	1.7E-07	1.0E-03	8.0E-11	1.6E-01	6.7E-01	8.4E-12
640	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	6.5E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11
641	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	6.5E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11
642	1.4E+00	1.6E-06	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10	6.5E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11
643	1.4E+00	1.6E-06	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.5E-10	6.4E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
644	1.4E+00	1.6E-06	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	6.3E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
645	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	4.9E-01	1.7E-07	1.0E-03	8.7E-11	1.6E-01	6.7E-01	9.2E-12

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
646	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	4.8E-01	1.7E-07	1.0E-03	8.6E-11	1.6E-01	6.7E-01	9.0E-12
647	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	4.7E-01	1.7E-07	1.0E-03	8.4E-11	1.6E-01	6.7E-01	8.8E-12
648	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	4.6E-01	1.7E-07	1.0E-03	8.2E-11	1.6E-01	6.7E-01	8.6E-12
649	1.2E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	4.5E-01	1.7E-07	1.0E-03	8.0E-11	1.6E-01	6.7E-01	8.4E-12
650	1.1E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	4.4E-01	1.7E-07	1.0E-03	7.8E-11	1.6E-01	6.7E-01	8.2E-12
651	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	6.3E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
652	1.2E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	6.3E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
653	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	6.2E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
654	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	6.2E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
655	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.4E-10	6.1E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
656	1.4E+00	1.6E-06	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10	6.0E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
657	1.4E+00	1.6E-06	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10	6.0E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
658	1.4E+00	1.6E-06	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	5.9E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
659	1.4E+00	1.6E-06	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	5.8E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
660	1.4E+00	1.6E-06	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	5.8E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
661	1.4E+00	1.6E-06	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	5.7E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
662	1.4E+00	1.6E-06	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	5.6E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.0E-11
663	1.4E+00	1.6E-06	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	5.5E-01	1.7E-07	1.0E-03	9.8E-11	1.6E-01	6.7E-01	1.0E-11
664	1.4E+00	1.6E-06	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	5.4E-01	1.7E-07	1.0E-03	9.7E-11	1.6E-01	6.7E-01	1.0E-11
665	1.4E+00	1.6E-06	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.5E-10	5.3E-01	1.7E-07	1.0E-03	9.5E-11	1.6E-01	6.7E-01	1.0E-11
666	1.4E+00	1.6E-06	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10	5.2E-01	1.7E-07	1.0E-03	9.3E-11	1.6E-01	6.7E-01	9.8E-12
667	1.4E+00	1.6E-06	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10	5.1E-01	1.7E-07	1.0E-03	9.2E-11	1.6E-01	6.7E-01	9.6E-12
668	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	5.1E-01	1.7E-07	1.0E-03	9.0E-11	1.6E-01	6.7E-01	9.5E-12
669	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	5.0E-01	1.7E-07	1.0E-03	8.8E-11	1.6E-01	6.7E-01	9.3E-12
670	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	4.9E-01	1.7E-07	1.0E-03	8.7E-11	1.6E-01	6.7E-01	9.1E-12
671	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	4.8E-01	1.7E-07	1.0E-03	8.5E-11	1.6E-01	6.7E-01	8.9E-12
672	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	4.7E-01	1.7E-07	1.0E-03	8.3E-11	1.6E-01	6.7E-01	8.7E-12
673	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	4.6E-01	1.7E-07	1.0E-03	8.2E-11	1.6E-01	6.7E-01	8.6E-12
674	1.2E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	4.5E-01	1.7E-07	1.0E-03	8.0E-11	1.6E-01	6.7E-01	8.4E-12
675	1.1E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	4.4E-01	1.7E-07	1.0E-03	7.8E-11	1.6E-01	6.7E-01	8.2E-12
676	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	4.3E-01	1.7E-07	1.0E-03	7.6E-11	1.6E-01	6.7E-01	8.0E-12
677	1.1E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	6.1E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
678	1.2E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	6.0E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
679	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	6.0E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
680	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	5.9E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
681	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	5.9E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
682	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	5.8E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
683	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	5.8E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
684	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	5.7E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
685	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	5.6E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
686	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	5.6E-01	1.7E-07	1.0E-03	9.9E-11	1.6E-01	6.7E-01	1.0E-11
687	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	5.5E-01	1.7E-07	1.0E-03	9.8E-11	1.6E-01	6.7E-01	1.0E-11
688	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	5.4E-01	1.7E-07	1.0E-03	9.6E-11	1.6E-01	6.7E-01	1.0E-11

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
689	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	5.3E-01	1.7E-07	1.0E-03	9.5E-11	1.6E-01	6.7E-01	1.0E-11
690	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	5.2E-01	1.7E-07	1.0E-03	9.4E-11	1.6E-01	6.7E-01	9.8E-12
691	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	5.2E-01	1.7E-07	1.0E-03	9.2E-11	1.6E-01	6.7E-01	9.7E-12
692	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	5.1E-01	1.7E-07	1.0E-03	9.1E-11	1.6E-01	6.7E-01	9.5E-12
693	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	5.0E-01	1.7E-07	1.0E-03	8.9E-11	1.6E-01	6.7E-01	9.4E-12
694	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	4.9E-01	1.7E-07	1.0E-03	8.7E-11	1.6E-01	6.7E-01	9.2E-12
695	1.2E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	4.8E-01	1.7E-07	1.0E-03	8.6E-11	1.6E-01	6.7E-01	9.0E-12
696	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	4.7E-01	1.7E-07	1.0E-03	8.4E-11	1.6E-01	6.7E-01	8.9E-12
697	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	4.6E-01	1.7E-07	1.0E-03	8.3E-11	1.6E-01	6.7E-01	8.7E-12
698	1.2E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	4.5E-01	1.7E-07	1.0E-03	8.1E-11	1.6E-01	6.7E-01	8.5E-12
699	1.1E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	4.5E-01	1.7E-07	1.0E-03	7.9E-11	1.6E-01	6.7E-01	8.3E-12
700	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	4.4E-01	1.7E-07	1.0E-03	7.8E-11	1.6E-01	6.7E-01	8.2E-12
701	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	4.3E-01	1.7E-07	1.0E-03	7.6E-11	1.6E-01	6.7E-01	8.0E-12
702	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.2E-01	1.7E-07	1.0E-03	7.4E-11	1.6E-01	6.7E-01	7.8E-12
703	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	5.8E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
704	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	5.8E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
705	1.1E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	5.8E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
706	1.2E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	5.7E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
707	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	5.7E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
708	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	5.6E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
709	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	5.6E-01	1.7E-07	1.0E-03	9.9E-11	1.6E-01	6.7E-01	1.0E-11
710	1.2E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	5.5E-01	1.7E-07	1.0E-03	9.8E-11	1.6E-01	6.7E-01	1.0E-11
711	1.2E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	5.4E-01	1.7E-07	1.0E-03	9.7E-11	1.6E-01	6.7E-01	1.0E-11
712	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	5.4E-01	1.7E-07	1.0E-03	9.6E-11	1.6E-01	6.7E-01	1.0E-11
713	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	5.3E-01	1.7E-07	1.0E-03	9.5E-11	1.6E-01	6.7E-01	9.9E-12
714	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	5.2E-01	1.7E-07	1.0E-03	9.3E-11	1.6E-01	6.7E-01	9.8E-12
715	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	5.2E-01	1.7E-07	1.0E-03	9.2E-11	1.6E-01	6.7E-01	9.7E-12
716	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	5.1E-01	1.7E-07	1.0E-03	9.1E-11	1.6E-01	6.7E-01	9.5E-12
717	1.2E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	5.0E-01	1.7E-07	1.0E-03	8.9E-11	1.6E-01	6.7E-01	9.4E-12
718	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	4.9E-01	1.7E-07	1.0E-03	8.8E-11	1.6E-01	6.7E-01	9.2E-12
719	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	4.8E-01	1.7E-07	1.0E-03	8.6E-11	1.6E-01	6.7E-01	9.1E-12
720	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	4.8E-01	1.7E-07	1.0E-03	8.5E-11	1.6E-01	6.7E-01	8.9E-12
721	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	4.7E-01	1.7E-07	1.0E-03	8.3E-11	1.6E-01	6.7E-01	8.8E-12
722	1.2E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	4.6E-01	1.7E-07	1.0E-03	8.2E-11	1.6E-01	6.7E-01	8.6E-12
723	1.1E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	4.5E-01	1.7E-07	1.0E-03	8.0E-11	1.6E-01	6.7E-01	8.4E-12
724	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	4.4E-01	1.7E-07	1.0E-03	7.9E-11	1.6E-01	6.7E-01	8.3E-12
725	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	4.3E-01	1.7E-07	1.0E-03	7.7E-11	1.6E-01	6.7E-01	8.1E-12
726	1.1E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.2E-01	1.7E-07	1.0E-03	7.6E-11	1.6E-01	6.7E-01	8.0E-12
727	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.2E-01	1.7E-07	1.0E-03	7.4E-11	1.6E-01	6.7E-01	7.8E-12
728	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.7E-10	4.1E-01	1.7E-07	1.0E-03	7.3E-11	1.6E-01	6.7E-01	7.6E-12
729	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.7E-10	5.6E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.0E-11
730	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	5.6E-01	1.7E-07	1.0E-03	9.9E-11	1.6E-01	6.7E-01	1.0E-11
731	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.8E-10	5.5E-01	1.7E-07	1.0E-03	9.9E-11	1.6E-01	6.7E-01	1.0E-11

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
732	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	5.5E-01	1.7E-07	1.0E-03	9.8E-11	1.6E-01	6.7E-01	1.0E-11
733	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	5.5E-01	1.7E-07	1.0E-03	9.7E-11	1.6E-01	6.7E-01	1.0E-11
734	1.1E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	5.4E-01	1.7E-07	1.0E-03	9.7E-11	1.6E-01	6.7E-01	1.0E-11
735	1.1E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	5.4E-01	1.7E-07	1.0E-03	9.6E-11	1.6E-01	6.7E-01	1.0E-11
736	1.2E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	5.3E-01	1.7E-07	1.0E-03	9.5E-11	1.6E-01	6.7E-01	9.9E-12
737	1.2E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	5.3E-01	1.7E-07	1.0E-03	9.4E-11	1.6E-01	6.7E-01	9.8E-12
738	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	5.2E-01	1.7E-07	1.0E-03	9.3E-11	1.6E-01	6.7E-01	9.7E-12
739	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	5.1E-01	1.7E-07	1.0E-03	9.1E-11	1.6E-01	6.7E-01	9.6E-12
740	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	5.1E-01	1.7E-07	1.0E-03	9.0E-11	1.6E-01	6.7E-01	9.5E-12
741	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	5.0E-01	1.7E-07	1.0E-03	8.9E-11	1.6E-01	6.7E-01	9.3E-12
742	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	4.9E-01	1.7E-07	1.0E-03	8.8E-11	1.6E-01	6.7E-01	9.2E-12
743	1.2E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	4.9E-01	1.7E-07	1.0E-03	8.6E-11	1.6E-01	6.7E-01	9.1E-12
744	1.2E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	4.8E-01	1.7E-07	1.0E-03	8.5E-11	1.6E-01	6.7E-01	8.9E-12
745	1.2E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	4.7E-01	1.7E-07	1.0E-03	8.4E-11	1.6E-01	6.7E-01	8.8E-12
746	1.1E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	4.6E-01	1.7E-07	1.0E-03	8.2E-11	1.6E-01	6.7E-01	8.7E-12
747	1.1E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	1.9E-10	4.5E-01	1.7E-07	1.0E-03	8.1E-11	1.6E-01	6.7E-01	8.5E-12
748	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	4.5E-01	1.7E-07	1.0E-03	8.0E-11	1.6E-01	6.7E-01	8.4E-12
749	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	4.4E-01	1.7E-07	1.0E-03	7.8E-11	1.6E-01	6.7E-01	8.2E-12
750	1.1E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.3E-01	1.7E-07	1.0E-03	7.7E-11	1.6E-01	6.7E-01	8.1E-12
751	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.2E-01	1.7E-07	1.0E-03	7.5E-11	1.6E-01	6.7E-01	7.9E-12
752	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.1E-01	1.7E-07	1.0E-03	7.4E-11	1.6E-01	6.7E-01	7.8E-12
753	9.8E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	4.1E-01	1.7E-07	1.0E-03	7.2E-11	1.6E-01	6.7E-01	7.6E-12
754	9.6E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	4.0E-01	1.7E-07	1.0E-03	7.1E-11	1.6E-01	6.7E-01	7.4E-12
755	9.4E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.6E-10	5.4E-01	1.7E-07	1.0E-03	9.6E-11	1.6E-01	6.7E-01	1.0E-11
756	9.7E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	5.4E-01	1.7E-07	1.0E-03	9.6E-11	1.6E-01	6.7E-01	1.0E-11
757	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.7E-10	5.3E-01	1.7E-07	1.0E-03	9.5E-11	1.6E-01	6.7E-01	1.0E-11
758	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	5.3E-01	1.7E-07	1.0E-03	9.5E-11	1.6E-01	6.7E-01	9.9E-12
759	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	5.3E-01	1.7E-07	1.0E-03	9.4E-11	1.6E-01	6.7E-01	9.9E-12
760	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.8E-10	5.2E-01	1.7E-07	1.0E-03	9.3E-11	1.6E-01	6.7E-01	9.8E-12
761	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	5.2E-01	1.7E-07	1.0E-03	9.2E-11	1.6E-01	6.7E-01	9.7E-12
762	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	5.1E-01	1.7E-07	1.0E-03	9.1E-11	1.6E-01	6.7E-01	9.6E-12
763	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	5.1E-01	1.7E-07	1.0E-03	9.0E-11	1.6E-01	6.7E-01	9.5E-12
764	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	5.0E-01	1.7E-07	1.0E-03	8.9E-11	1.6E-01	6.7E-01	9.4E-12
765	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	5.0E-01	1.7E-07	1.0E-03	8.8E-11	1.6E-01	6.7E-01	9.3E-12
766	1.1E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	1.9E-10	4.9E-01	1.7E-07	1.0E-03	8.7E-11	1.6E-01	6.7E-01	9.2E-12
767	1.1E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	1.9E-10	4.8E-01	1.7E-07	1.0E-03	8.6E-11	1.6E-01	6.7E-01	9.1E-12
768	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	4.8E-01	1.7E-07	1.0E-03	8.5E-11	1.6E-01	6.7E-01	8.9E-12
769	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	4.7E-01	1.7E-07	1.0E-03	8.4E-11	1.6E-01	6.7E-01	8.8E-12
770	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	4.6E-01	1.7E-07	1.0E-03	8.3E-11	1.6E-01	6.7E-01	8.7E-12
771	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	4.6E-01	1.7E-07	1.0E-03	8.1E-11	1.6E-01	6.7E-01	8.5E-12
772	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	4.5E-01	1.7E-07	1.0E-03	8.0E-11	1.6E-01	6.7E-01	8.4E-12
773	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.8E-10	4.4E-01	1.7E-07	1.0E-03	7.9E-11	1.6E-01	6.7E-01	8.3E-12
774	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.3E-01	1.7E-07	1.0E-03	7.7E-11	1.6E-01	6.7E-01	8.1E-12

Franklin School Project

Risk From Modernization Const - Unmitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
775	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.3E-01	1.7E-07	1.0E-03	7.6E-11	1.6E-01	6.7E-01	8.0E-12
776	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.7E-10	4.2E-01	1.7E-07	1.0E-03	7.5E-11	1.6E-01	6.7E-01	7.8E-12
777	9.8E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	4.1E-01	1.7E-07	1.0E-03	7.3E-11	1.6E-01	6.7E-01	7.7E-12
778	9.6E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	4.0E-01	1.7E-07	1.0E-03	7.2E-11	1.6E-01	6.7E-01	7.6E-12
779	9.4E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.6E-10	4.0E-01	1.7E-07	1.0E-03	7.1E-11	1.6E-01	6.7E-01	7.4E-12
780	9.2E-01	1.6E-06	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	3.9E-01	1.7E-07	1.0E-03	6.9E-11	1.6E-01	6.7E-01	7.3E-12
781	8.9E-01	1.6E-06	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	5.2E-01	1.7E-07	1.0E-03	9.3E-11	1.6E-01	6.7E-01	9.8E-12
782	9.2E-01	1.6E-06	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	5.2E-01	1.7E-07	1.0E-03	9.2E-11	1.6E-01	6.7E-01	9.7E-12
783	9.4E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.6E-10	5.2E-01	1.7E-07	1.0E-03	9.2E-11	1.6E-01	6.7E-01	9.7E-12
784	9.6E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	5.1E-01	1.7E-07	1.0E-03	9.1E-11	1.6E-01	6.7E-01	9.6E-12
785	9.8E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	5.1E-01	1.7E-07	1.0E-03	9.1E-11	1.6E-01	6.7E-01	9.5E-12
786	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.7E-10	5.0E-01	1.7E-07	1.0E-03	9.0E-11	1.6E-01	6.7E-01	9.5E-12
787	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	5.0E-01	1.7E-07	1.0E-03	8.9E-11	1.6E-01	6.7E-01	9.4E-12
788	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	5.0E-01	1.7E-07	1.0E-03	8.8E-11	1.6E-01	6.7E-01	9.3E-12
789	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.9E-01	1.7E-07	1.0E-03	8.7E-11	1.6E-01	6.7E-01	9.2E-12
790	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.9E-01	1.7E-07	1.0E-03	8.7E-11	1.6E-01	6.7E-01	9.1E-12
791	1.1E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.8E-01	1.7E-07	1.0E-03	8.6E-11	1.6E-01	6.7E-01	9.0E-12
792	1.1E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.7E-01	1.7E-07	1.0E-03	8.5E-11	1.6E-01	6.7E-01	8.9E-12
793	1.1E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.7E-01	1.7E-07	1.0E-03	8.4E-11	1.6E-01	6.7E-01	8.8E-12
794	1.1E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.6E-01	1.7E-07	1.0E-03	8.2E-11	1.6E-01	6.7E-01	8.7E-12
795	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.6E-01	1.7E-07	1.0E-03	8.1E-11	1.6E-01	6.7E-01	8.5E-12
796	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.5E-01	1.7E-07	1.0E-03	8.0E-11	1.6E-01	6.7E-01	8.4E-12
797	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.4E-01	1.7E-07	1.0E-03	7.9E-11	1.6E-01	6.7E-01	8.3E-12
798	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.4E-01	1.7E-07	1.0E-03	7.8E-11	1.6E-01	6.7E-01	8.2E-12
799	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.3E-01	1.7E-07	1.0E-03	7.7E-11	1.6E-01	6.7E-01	8.0E-12
800	9.9E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	4.2E-01	1.7E-07	1.0E-03	7.5E-11	1.6E-01	6.7E-01	7.9E-12
801	9.7E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	4.1E-01	1.7E-07	1.0E-03	7.4E-11	1.6E-01	6.7E-01	7.8E-12
802	9.6E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	4.1E-01	1.7E-07	1.0E-03	7.3E-11	1.6E-01	6.7E-01	7.6E-12
803	9.4E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.6E-10	4.0E-01	1.7E-07	1.0E-03	7.1E-11	1.6E-01	6.7E-01	7.5E-12
804	9.2E-01	1.6E-06	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	3.9E-01	1.7E-07	1.0E-03	7.0E-11	1.6E-01	6.7E-01	7.4E-12
805	9.0E-01	1.6E-06	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	3.9E-01	1.7E-07	1.0E-03	6.9E-11	1.6E-01	6.7E-01	7.2E-12
806	8.8E-01	1.6E-06	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10	3.8E-01	1.7E-07	1.0E-03	6.8E-11	1.6E-01	6.7E-01	7.1E-12

Risk From Modernization AC - Unmitigated Residential

Franklin School Project
Risk From Modernization AC - Unmitigated Residential

	1.55	Max					Onsite		
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
1	0.01	1.0E-08	2.3E-01	9.9E-04	1.0E-03	2.3E-07	1.6E-01	2.7E-01	1.0E-08
2	0.01	1.1E-08	2.5E-01	9.9E-04	1.0E-03	2.6E-07	1.6E-01	2.7E-01	1.1E-08
3	0.01	1.2E-08	2.7E-01	9.9E-04	1.0E-03	2.8E-07	1.6E-01	2.7E-01	1.2E-08
4	0.01	1.3E-08	3.0E-01	9.9E-04	1.0E-03	3.1E-07	1.6E-01	2.7E-01	1.3E-08
5	0.01	1.4E-08	3.2E-01	9.9E-04	1.0E-03	3.3E-07	1.6E-01	2.7E-01	1.4E-08
6	0.02	1.5E-08	3.5E-01	9.9E-04	1.0E-03	3.6E-07	1.6E-01	2.7E-01	1.5E-08
7	0.02	1.6E-08	3.7E-01	9.9E-04	1.0E-03	3.8E-07	1.6E-01	2.7E-01	1.6E-08
8	0.02	1.7E-08	3.9E-01	9.9E-04	1.0E-03	4.0E-07	1.6E-01	2.7E-01	1.7E-08
9	0.02	1.8E-08	4.1E-01	9.9E-04	1.0E-03	4.3E-07	1.6E-01	2.7E-01	1.8E-08
10	0.02	2.0E-08	4.4E-01	9.9E-04	1.0E-03	4.5E-07	1.6E-01	2.7E-01	2.0E-08
11	0.02	2.1E-08	4.7E-01	9.9E-04	1.0E-03	4.9E-07	1.6E-01	2.7E-01	2.1E-08
12	0.02	2.2E-08	5.0E-01	9.9E-04	1.0E-03	5.1E-07	1.6E-01	2.7E-01	2.2E-08
13	0.02	2.3E-08	5.2E-01	9.9E-04	1.0E-03	5.4E-07	1.6E-01	2.7E-01	2.3E-08
14	0.02	2.4E-08	5.4E-01	9.9E-04	1.0E-03	5.5E-07	1.6E-01	2.7E-01	2.4E-08
15	0.02	2.4E-08	5.4E-01	9.9E-04	1.0E-03	5.6E-07	1.6E-01	2.7E-01	2.4E-08
16	0.02	2.4E-08	5.3E-01	9.9E-04	1.0E-03	5.5E-07	1.6E-01	2.7E-01	2.4E-08
17	0.01	1.2E-08	2.6E-01	9.9E-04	1.0E-03	2.7E-07	1.6E-01	2.7E-01	1.2E-08
18	0.01	1.3E-08	2.9E-01	9.9E-04	1.0E-03	3.0E-07	1.6E-01	2.7E-01	1.3E-08
19	0.01	1.4E-08	3.2E-01	9.9E-04	1.0E-03	3.3E-07	1.6E-01	2.7E-01	1.4E-08
20	0.02	1.6E-08	3.6E-01	9.9E-04	1.0E-03	3.7E-07	1.6E-01	2.7E-01	1.6E-08
21	0.02	1.7E-08	3.9E-01	9.9E-04	1.0E-03	4.1E-07	1.6E-01	2.7E-01	1.7E-08
22	0.02	1.9E-08	4.3E-01	9.9E-04	1.0E-03	4.4E-07	1.6E-01	2.7E-01	1.9E-08
23	0.02	2.0E-08	4.6E-01	9.9E-04	1.0E-03	4.7E-07	1.6E-01	2.7E-01	2.0E-08
24	0.02	2.2E-08	4.9E-01	9.9E-04	1.0E-03	5.1E-07	1.6E-01	2.7E-01	2.2E-08
25	0.02	2.3E-08	5.3E-01	9.9E-04	1.0E-03	5.4E-07	1.6E-01	2.7E-01	2.3E-08
26	0.03	2.5E-08	5.7E-01	9.9E-04	1.0E-03	5.8E-07	1.6E-01	2.7E-01	2.5E-08
27	0.03	2.7E-08	6.1E-01	9.9E-04	1.0E-03	6.3E-07	1.6E-01	2.7E-01	2.7E-08
28	0.03	2.9E-08	6.5E-01	9.9E-04	1.0E-03	6.7E-07	1.6E-01	2.7E-01	2.9E-08
29	0.03	3.0E-08	6.7E-01	9.9E-04	1.0E-03	6.9E-07	1.6E-01	2.7E-01	3.0E-08
30	0.03	3.0E-08	6.8E-01	9.9E-04	1.0E-03	7.0E-07	1.6E-01	2.7E-01	3.0E-08
31	0.03	3.0E-08	6.7E-01	9.9E-04	1.0E-03	6.9E-07	1.6E-01	2.7E-01	3.0E-08
32	0.03	2.9E-08	6.5E-01	9.9E-04	1.0E-03	6.7E-07	1.6E-01	2.7E-01	2.9E-08
33	0.01	1.3E-08	3.0E-01	9.9E-04	1.0E-03	3.1E-07	1.6E-01	2.7E-01	1.3E-08
34	0.02	1.5E-08	3.4E-01	9.9E-04	1.0E-03	3.5E-07	1.6E-01	2.7E-01	1.5E-08
35	0.02	1.7E-08	3.9E-01	9.9E-04	1.0E-03	4.0E-07	1.6E-01	2.7E-01	1.7E-08
36	0.02	1.9E-08	4.4E-01	9.9E-04	1.0E-03	4.5E-07	1.6E-01	2.7E-01	1.9E-08
37	0.02	2.2E-08	4.9E-01	9.9E-04	1.0E-03	5.0E-07	1.6E-01	2.7E-01	2.2E-08
38	0.02	2.4E-08	5.4E-01	9.9E-04	1.0E-03	5.6E-07	1.6E-01	2.7E-01	2.4E-08
39	0.03	2.6E-08	5.9E-01	9.9E-04	1.0E-03	6.1E-07	1.6E-01	2.7E-01	2.6E-08
40	0.03	2.8E-08	6.4E-01	9.9E-04	1.0E-03	6.6E-07	1.6E-01	2.7E-01	2.8E-08
41	0.03	3.1E-08	6.9E-01	9.9E-04	1.0E-03	7.2E-07	1.6E-01	2.7E-01	3.1E-08
42	0.03	3.4E-08	7.6E-01	9.9E-04	1.0E-03	7.8E-07	1.6E-01	2.7E-01	3.4E-08
43	0.04	3.6E-08	8.2E-01	9.9E-04	1.0E-03	8.4E-07	1.6E-01	2.7E-01	3.6E-08

44	0.04	3.8E-08	8.6E-01	9.9E-04	1.0E-03	8.9E-07	1.6E-01	2.7E-01	3.8E-08
45	0.04	3.9E-08	8.8E-01	9.9E-04	1.0E-03	9.0E-07	1.6E-01	2.7E-01	3.9E-08
46	0.04	3.8E-08	8.6E-01	9.9E-04	1.0E-03	8.9E-07	1.6E-01	2.7E-01	3.8E-08
47	0.04	3.7E-08	8.3E-01	9.9E-04	1.0E-03	8.5E-07	1.6E-01	2.7E-01	3.7E-08
48	0.03	3.4E-08	7.8E-01	9.9E-04	1.0E-03	8.0E-07	1.6E-01	2.7E-01	3.4E-08
49	0.02	1.5E-08	3.4E-01	9.9E-04	1.0E-03	3.5E-07	1.6E-01	2.7E-01	1.5E-08
50	0.02	1.8E-08	4.0E-01	9.9E-04	1.0E-03	4.1E-07	1.6E-01	2.7E-01	1.8E-08
51	0.02	2.1E-08	4.7E-01	9.9E-04	1.0E-03	4.8E-07	1.6E-01	2.7E-01	2.1E-08
52	0.02	2.4E-08	5.4E-01	9.9E-04	1.0E-03	5.6E-07	1.6E-01	2.7E-01	2.4E-08
53	0.03	2.8E-08	6.2E-01	9.9E-04	1.0E-03	6.5E-07	1.6E-01	2.7E-01	2.8E-08
54	0.03	3.1E-08	7.1E-01	9.9E-04	1.0E-03	7.3E-07	1.6E-01	2.7E-01	3.1E-08
55	0.03	3.5E-08	7.8E-01	9.9E-04	1.0E-03	8.1E-07	1.6E-01	2.7E-01	3.5E-08
56	0.04	3.8E-08	8.6E-01	9.9E-04	1.0E-03	8.9E-07	1.6E-01	2.7E-01	3.8E-08
57	0.04	4.3E-08	9.6E-01	9.9E-04	1.0E-03	9.9E-07	1.6E-01	2.7E-01	4.3E-08
58	0.05	4.7E-08	1.1E+00	9.9E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.7E-08
59	0.05	5.1E-08	1.1E+00	9.9E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.1E-08
60	0.05	5.2E-08	1.2E+00	9.9E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.2E-08
61	0.05	5.1E-08	1.2E+00	9.9E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.1E-08
62	0.05	4.9E-08	1.1E+00	9.9E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.9E-08
63	0.04	4.5E-08	1.0E+00	9.9E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-01	4.5E-08
64	0.04	4.1E-08	9.2E-01	9.9E-04	1.0E-03	9.5E-07	1.6E-01	2.7E-01	4.1E-08
65	0.02	1.8E-08	4.0E-01	9.9E-04	1.0E-03	4.1E-07	1.6E-01	2.7E-01	1.8E-08
66	0.02	2.1E-08	4.7E-01	9.9E-04	1.0E-03	4.9E-07	1.6E-01	2.7E-01	2.1E-08
67	0.03	2.5E-08	5.7E-01	9.9E-04	1.0E-03	5.9E-07	1.6E-01	2.7E-01	2.5E-08
68	0.03	3.1E-08	6.9E-01	9.9E-04	1.0E-03	7.1E-07	1.6E-01	2.7E-01	3.1E-08
69	0.04	3.7E-08	8.3E-01	9.9E-04	1.0E-03	8.5E-07	1.6E-01	2.7E-01	3.7E-08
70	0.04	4.3E-08	9.7E-01	9.9E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-01	4.3E-08
71	0.05	4.9E-08	1.1E+00	9.9E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.9E-08
72	0.06	5.6E-08	1.3E+00	9.9E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-01	5.6E-08
73	0.06	6.4E-08	1.4E+00	9.9E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-01	6.4E-08
74	0.07	7.1E-08	1.6E+00	9.9E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-01	7.1E-08
75	0.07	7.4E-08	1.7E+00	9.9E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-01	7.4E-08
76	0.07	7.2E-08	1.6E+00	9.9E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-01	7.2E-08
77	0.07	6.8E-08	1.5E+00	9.9E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-01	6.8E-08
78	0.06	6.1E-08	1.4E+00	9.9E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	6.1E-08
79	0.05	5.4E-08	1.2E+00	9.9E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.4E-08
80	0.05	4.7E-08	1.1E+00	9.9E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.7E-08
81	0.02	2.0E-08	4.5E-01	9.9E-04	1.0E-03	4.7E-07	1.6E-01	2.7E-01	2.0E-08
82	0.02	2.5E-08	5.6E-01	9.9E-04	1.0E-03	5.8E-07	1.6E-01	2.7E-01	2.5E-08
83	0.03	3.1E-08	7.0E-01	9.9E-04	1.0E-03	7.3E-07	1.6E-01	2.7E-01	3.1E-08
84	0.04	4.0E-08	8.9E-01	9.9E-04	1.0E-03	9.2E-07	1.6E-01	2.7E-01	4.0E-08
85	0.05	5.0E-08	1.1E+00	9.9E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.0E-08
86	0.06	6.3E-08	1.4E+00	9.9E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-01	6.3E-08
87	0.08	7.5E-08	1.7E+00	9.9E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-01	7.5E-08
88	0.09	8.9E-08	2.0E+00	9.9E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-01	8.9E-08
89	0.10	1.0E-07	2.3E+00	9.9E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-01	1.0E-07
90	0.11	1.1E-07	2.5E+00	9.9E-04	1.0E-03	2.6E-06	1.6E-01	2.7E-01	1.1E-07
91	0.11	1.1E-07	2.5E+00	9.9E-04	1.0E-03	2.5E-06	1.6E-01	2.7E-01	1.1E-07
92	0.10	1.0E-07	2.2E+00	9.9E-04	1.0E-03	2.3E-06	1.6E-01	2.7E-01	1.0E-07

93	0.09	8.7E-08	2.0E+00	9.9E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-01	8.7E-08
94	0.07	7.4E-08	1.7E+00	9.9E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-01	7.4E-08
95	0.06	6.2E-08	1.4E+00	9.9E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	6.2E-08
96	0.05	5.2E-08	1.2E+00	9.9E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.2E-08
97	0.02	2.3E-08	5.1E-01	9.9E-04	1.0E-03	5.3E-07	1.6E-01	2.7E-01	2.3E-08
98	0.03	2.9E-08	6.5E-01	9.9E-04	1.0E-03	6.7E-07	1.6E-01	2.7E-01	2.9E-08
99	0.04	3.8E-08	8.6E-01	9.9E-04	1.0E-03	8.9E-07	1.6E-01	2.7E-01	3.8E-08
100	0.05	5.2E-08	1.2E+00	9.9E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.2E-08
101	0.07	7.2E-08	1.6E+00	9.9E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-01	7.2E-08
102	0.10	1.0E-07	2.2E+00	9.9E-04	1.0E-03	2.3E-06	1.6E-01	2.7E-01	1.0E-07
103	0.13	1.3E-07	3.0E+00	9.9E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-01	1.3E-07
104	0.17	1.7E-07	3.8E+00	9.9E-04	1.0E-03	3.9E-06	1.6E-01	2.7E-01	1.7E-07
105	0.19	1.9E-07	4.4E+00	9.9E-04	1.0E-03	4.5E-06	1.6E-01	2.7E-01	1.9E-07
106	0.19	1.9E-07	4.2E+00	9.9E-04	1.0E-03	4.3E-06	1.6E-01	2.7E-01	1.9E-07
107	0.16	1.6E-07	3.6E+00	9.9E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-01	1.6E-07
108	0.13	1.3E-07	3.0E+00	9.9E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-01	1.3E-07
109	0.11	1.1E-07	2.4E+00	9.9E-04	1.0E-03	2.5E-06	1.6E-01	2.7E-01	1.1E-07
110	0.08	8.4E-08	1.9E+00	9.9E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-01	8.4E-08
111	0.07	6.7E-08	1.5E+00	9.9E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-01	6.7E-08
112	0.05	5.4E-08	1.2E+00	9.9E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-01	5.4E-08
113	0.03	2.5E-08	5.6E-01	9.9E-04	1.0E-03	5.8E-07	1.6E-01	2.7E-01	2.5E-08
114	0.03	3.3E-08	7.5E-01	9.9E-04	1.0E-03	7.7E-07	1.6E-01	2.7E-01	3.3E-08
115	0.05	4.6E-08	1.0E+00	9.9E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.6E-08
116	0.07	6.8E-08	1.5E+00	9.9E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-01	6.8E-08
117	0.11	1.1E-07	2.4E+00	9.9E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-01	1.1E-07
118	0.30	3.0E-07	6.8E+00	9.9E-04	1.0E-03	7.1E-06	1.6E-01	2.7E-01	3.0E-07
119	0.22	2.2E-07	5.0E+00	9.9E-04	1.0E-03	5.1E-06	1.6E-01	2.7E-01	2.2E-07
120	0.16	1.6E-07	3.6E+00	9.9E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-01	1.6E-07
121	0.12	1.2E-07	2.7E+00	9.9E-04	1.0E-03	2.8E-06	1.6E-01	2.7E-01	1.2E-07
122	0.09	9.0E-08	2.0E+00	9.9E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-01	9.0E-08
123	0.07	6.9E-08	1.5E+00	9.9E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-01	6.9E-08
124	0.05	5.4E-08	1.2E+00	9.9E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-01	5.4E-08
125	0.03	2.7E-08	6.1E-01	9.9E-04	1.0E-03	6.3E-07	1.6E-01	2.7E-01	2.7E-08
126	0.04	3.7E-08	8.2E-01	9.9E-04	1.0E-03	8.5E-07	1.6E-01	2.7E-01	3.7E-08
127	0.05	5.3E-08	1.2E+00	9.9E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.3E-08
128	0.08	8.3E-08	1.9E+00	9.9E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-01	8.3E-08
129	0.14	1.4E-07	3.2E+00	9.9E-04	1.0E-03	3.3E-06	1.6E-01	2.7E-01	1.4E-07
130	0.43	4.3E-07	9.6E+00	9.9E-04	1.0E-03	1.0E-05	1.6E-01	2.7E-01	4.3E-07
131	0.26	2.6E-07	5.9E+00	9.9E-04	1.0E-03	6.1E-06	1.6E-01	2.7E-01	2.6E-07
132	0.17	1.7E-07	3.9E+00	9.9E-04	1.0E-03	4.0E-06	1.6E-01	2.7E-01	1.7E-07
133	0.12	1.2E-07	2.7E+00	9.9E-04	1.0E-03	2.8E-06	1.6E-01	2.7E-01	1.2E-07
134	0.09	8.8E-08	2.0E+00	9.9E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-01	8.8E-08
135	0.07	6.6E-08	1.5E+00	9.9E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-01	6.6E-08
136	0.05	5.1E-08	1.1E+00	9.9E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.1E-08
137	0.03	2.8E-08	6.3E-01	9.9E-04	1.0E-03	6.5E-07	1.6E-01	2.7E-01	2.8E-08
138	0.04	3.8E-08	8.6E-01	9.9E-04	1.0E-03	8.9E-07	1.6E-01	2.7E-01	3.8E-08
139	0.06	5.6E-08	1.3E+00	9.9E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-01	5.6E-08
140	0.09	9.1E-08	2.0E+00	9.9E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-01	9.1E-08
141	0.17	1.7E-07	3.7E+00	9.9E-04	1.0E-03	3.8E-06	1.6E-01	2.7E-01	1.7E-07

142	0.46	4.6E-07	1.0E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-01	4.6E-07
143	0.26	2.6E-07	5.8E+00	9.9E-04	1.0E-03	6.0E-06	1.6E-01	2.7E-01	2.6E-07
144	0.16	1.6E-07	3.6E+00	9.9E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-01	1.6E-07
145	0.11	1.1E-07	2.5E+00	9.9E-04	1.0E-03	2.6E-06	1.6E-01	2.7E-01	1.1E-07
146	0.08	8.0E-08	1.8E+00	9.9E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-01	8.0E-08
147	0.06	6.0E-08	1.3E+00	9.9E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	6.0E-08
148	0.05	4.6E-08	1.0E+00	9.9E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.6E-08
149	0.03	2.8E-08	6.2E-01	9.9E-04	1.0E-03	6.4E-07	1.6E-01	2.7E-01	2.8E-08
150	0.04	3.8E-08	8.4E-01	9.9E-04	1.0E-03	8.7E-07	1.6E-01	2.7E-01	3.8E-08
151	0.05	5.5E-08	1.2E+00	9.9E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-01	5.5E-08
152	0.09	8.7E-08	2.0E+00	9.9E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-01	8.7E-08
153	0.16	1.6E-07	3.6E+00	9.9E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-01	1.6E-07
154	0.42	4.2E-07	9.4E+00	9.9E-04	1.0E-03	9.7E-06	1.6E-01	2.7E-01	4.2E-07
155	0.22	2.2E-07	4.9E+00	9.9E-04	1.0E-03	5.0E-06	1.6E-01	2.7E-01	2.2E-07
156	0.13	1.3E-07	3.0E+00	9.9E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-01	1.3E-07
157	0.09	9.5E-08	2.1E+00	9.9E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-01	9.5E-08
158	0.07	6.8E-08	1.5E+00	9.9E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-01	6.8E-08
159	0.05	5.2E-08	1.2E+00	9.9E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.2E-08
160	0.04	4.0E-08	9.1E-01	9.9E-04	1.0E-03	9.4E-07	1.6E-01	2.7E-01	4.0E-08
161	0.03	2.6E-08	5.9E-01	9.9E-04	1.0E-03	6.1E-07	1.6E-01	2.7E-01	2.6E-08
162	0.04	3.5E-08	7.9E-01	9.9E-04	1.0E-03	8.2E-07	1.6E-01	2.7E-01	3.5E-08
163	0.05	5.0E-08	1.1E+00	9.9E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.0E-08
164	0.08	7.5E-08	1.7E+00	9.9E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-01	7.5E-08
165	0.13	1.3E-07	3.0E+00	9.9E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-01	1.3E-07
166	0.27	2.7E-07	6.1E+00	9.9E-04	1.0E-03	6.3E-06	1.6E-01	2.7E-01	2.7E-07
167	0.68	6.8E-07	1.5E+01	9.9E-04	1.0E-03	1.6E-05	1.6E-01	2.7E-01	6.8E-07
168	1.04	1.0E-06	2.3E+01	9.9E-04	1.0E-03	2.4E-05	1.6E-01	2.7E-01	1.0E-06
169	0.55	5.5E-07	1.2E+01	9.9E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-01	5.5E-07
170	0.29	2.9E-07	6.4E+00	9.9E-04	1.0E-03	6.6E-06	1.6E-01	2.7E-01	2.9E-07
171	0.17	1.7E-07	3.8E+00	9.9E-04	1.0E-03	3.9E-06	1.6E-01	2.7E-01	1.7E-07
172	0.10	1.0E-07	2.3E+00	9.9E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-01	1.0E-07
173	0.07	7.4E-08	1.7E+00	9.9E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-01	7.4E-08
174	0.06	5.8E-08	1.3E+00	9.9E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-01	5.8E-08
175	0.04	4.4E-08	1.0E+00	9.9E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-01	4.4E-08
176	0.04	3.5E-08	7.9E-01	9.9E-04	1.0E-03	8.2E-07	1.6E-01	2.7E-01	3.5E-08
177	0.02	2.4E-08	5.4E-01	9.9E-04	1.0E-03	5.6E-07	1.6E-01	2.7E-01	2.4E-08
178	0.03	3.2E-08	7.1E-01	9.9E-04	1.0E-03	7.3E-07	1.6E-01	2.7E-01	3.2E-08
179	0.04	4.3E-08	9.6E-01	9.9E-04	1.0E-03	9.9E-07	1.6E-01	2.7E-01	4.3E-08
180	0.06	6.2E-08	1.4E+00	9.9E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	6.2E-08
181	0.10	9.8E-08	2.2E+00	9.9E-04	1.0E-03	2.3E-06	1.6E-01	2.7E-01	9.8E-08
182	0.16	1.6E-07	3.7E+00	9.9E-04	1.0E-03	3.8E-06	1.6E-01	2.7E-01	1.6E-07
183	0.27	2.7E-07	6.0E+00	9.9E-04	1.0E-03	6.2E-06	1.6E-01	2.7E-01	2.7E-07
184	0.33	3.3E-07	7.5E+00	9.9E-04	1.0E-03	7.7E-06	1.6E-01	2.7E-01	3.3E-07
185	0.28	2.8E-07	6.3E+00	9.9E-04	1.0E-03	6.5E-06	1.6E-01	2.7E-01	2.8E-07
186	0.19	1.9E-07	4.2E+00	9.9E-04	1.0E-03	4.4E-06	1.6E-01	2.7E-01	1.9E-07
187	0.13	1.3E-07	2.9E+00	9.9E-04	1.0E-03	3.0E-06	1.6E-01	2.7E-01	1.3E-07
188	0.09	8.9E-08	2.0E+00	9.9E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-01	8.9E-08
189	0.06	6.1E-08	1.4E+00	9.9E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	6.1E-08
190	0.05	4.9E-08	1.1E+00	9.9E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.9E-08

191	0.04	3.9E-08	8.7E-01	9.9E-04	1.0E-03	9.0E-07	1.6E-01	2.7E-01	3.9E-08
192	0.03	3.1E-08	7.0E-01	9.9E-04	1.0E-03	7.2E-07	1.6E-01	2.7E-01	3.1E-08
193	0.02	2.2E-08	4.9E-01	9.9E-04	1.0E-03	5.1E-07	1.6E-01	2.7E-01	2.2E-08
194	0.03	2.8E-08	6.2E-01	9.9E-04	1.0E-03	6.4E-07	1.6E-01	2.7E-01	2.8E-08
195	0.04	3.6E-08	8.2E-01	9.9E-04	1.0E-03	8.5E-07	1.6E-01	2.7E-01	3.6E-08
196	0.05	5.0E-08	1.1E+00	9.9E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.0E-08
197	0.07	7.1E-08	1.6E+00	9.9E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-01	7.1E-08
198	0.10	1.0E-07	2.3E+00	9.9E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-01	1.0E-07
199	0.14	1.4E-07	3.2E+00	9.9E-04	1.0E-03	3.3E-06	1.6E-01	2.7E-01	1.4E-07
200	0.17	1.7E-07	3.8E+00	9.9E-04	1.0E-03	3.9E-06	1.6E-01	2.7E-01	1.7E-07
201	0.16	1.6E-07	3.6E+00	9.9E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-01	1.6E-07
202	0.13	1.3E-07	2.8E+00	9.9E-04	1.0E-03	2.9E-06	1.6E-01	2.7E-01	1.3E-07
203	0.09	9.1E-08	2.1E+00	9.9E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-01	9.1E-08
204	0.07	7.0E-08	1.6E+00	9.9E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-01	7.0E-08
205	0.05	5.3E-08	1.2E+00	9.9E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.3E-08
206	0.04	4.0E-08	9.0E-01	9.9E-04	1.0E-03	9.3E-07	1.6E-01	2.7E-01	4.0E-08
207	0.03	3.4E-08	7.7E-01	9.9E-04	1.0E-03	8.0E-07	1.6E-01	2.7E-01	3.4E-08
208	0.03	2.8E-08	6.3E-01	9.9E-04	1.0E-03	6.5E-07	1.6E-01	2.7E-01	2.8E-08
209	0.02	1.9E-08	4.4E-01	9.9E-04	1.0E-03	4.5E-07	1.6E-01	2.7E-01	1.9E-08
210	0.02	2.4E-08	5.4E-01	9.9E-04	1.0E-03	5.6E-07	1.6E-01	2.7E-01	2.4E-08
211	0.03	3.1E-08	6.9E-01	9.9E-04	1.0E-03	7.1E-07	1.6E-01	2.7E-01	3.1E-08
212	0.04	4.0E-08	9.0E-01	9.9E-04	1.0E-03	9.3E-07	1.6E-01	2.7E-01	4.0E-08
213	0.05	5.3E-08	1.2E+00	9.9E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.3E-08
214	0.07	7.1E-08	1.6E+00	9.9E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-01	7.1E-08
215	0.09	8.9E-08	2.0E+00	9.9E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-01	8.9E-08
216	0.10	1.0E-07	2.3E+00	9.9E-04	1.0E-03	2.3E-06	1.6E-01	2.7E-01	1.0E-07
217	0.10	1.0E-07	2.3E+00	9.9E-04	1.0E-03	2.3E-06	1.6E-01	2.7E-01	1.0E-07
218	0.09	8.8E-08	2.0E+00	9.9E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-01	8.8E-08
219	0.07	7.4E-08	1.7E+00	9.9E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-01	7.4E-08
220	0.06	6.0E-08	1.4E+00	9.9E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	6.0E-08
221	0.05	4.8E-08	1.1E+00	9.9E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.8E-08
222	0.04	3.5E-08	8.0E-01	9.9E-04	1.0E-03	8.2E-07	1.6E-01	2.7E-01	3.5E-08
223	0.03	2.9E-08	6.5E-01	9.9E-04	1.0E-03	6.7E-07	1.6E-01	2.7E-01	2.9E-08
224	0.03	2.5E-08	5.7E-01	9.9E-04	1.0E-03	5.9E-07	1.6E-01	2.7E-01	2.5E-08
225	0.02	1.7E-08	3.9E-01	9.9E-04	1.0E-03	4.0E-07	1.6E-01	2.7E-01	1.7E-08
226	0.02	2.1E-08	4.7E-01	9.9E-04	1.0E-03	4.9E-07	1.6E-01	2.7E-01	2.1E-08
227	0.03	2.6E-08	5.8E-01	9.9E-04	1.0E-03	6.0E-07	1.6E-01	2.7E-01	2.6E-08
228	0.03	3.2E-08	7.3E-01	9.9E-04	1.0E-03	7.5E-07	1.6E-01	2.7E-01	3.2E-08
229	0.04	4.1E-08	9.2E-01	9.9E-04	1.0E-03	9.5E-07	1.6E-01	2.7E-01	4.1E-08
230	0.05	5.1E-08	1.2E+00	9.9E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.1E-08
231	0.06	6.1E-08	1.4E+00	9.9E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	6.1E-08
232	0.07	6.8E-08	1.5E+00	9.9E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-01	6.8E-08
233	0.07	7.0E-08	1.6E+00	9.9E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-01	7.0E-08
234	0.07	6.5E-08	1.5E+00	9.9E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-01	6.5E-08
235	0.06	5.8E-08	1.3E+00	9.9E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-01	5.8E-08
236	0.05	4.9E-08	1.1E+00	9.9E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.9E-08
237	0.04	4.1E-08	9.2E-01	9.9E-04	1.0E-03	9.5E-07	1.6E-01	2.7E-01	4.1E-08
238	0.03	3.4E-08	7.6E-01	9.9E-04	1.0E-03	7.8E-07	1.6E-01	2.7E-01	3.4E-08
239	0.03	2.6E-08	5.8E-01	9.9E-04	1.0E-03	6.0E-07	1.6E-01	2.7E-01	2.6E-08

240	0.02	2.2E-08	4.9E-01	9.9E-04	1.0E-03	5.0E-07	1.6E-01	2.7E-01	2.2E-08
241	0.02	1.5E-08	3.4E-01	9.9E-04	1.0E-03	3.5E-07	1.6E-01	2.7E-01	1.5E-08
242	0.02	1.8E-08	4.0E-01	9.9E-04	1.0E-03	4.2E-07	1.6E-01	2.7E-01	1.8E-08
243	0.02	2.2E-08	4.9E-01	9.9E-04	1.0E-03	5.0E-07	1.6E-01	2.7E-01	2.2E-08
244	0.03	2.6E-08	5.9E-01	9.9E-04	1.0E-03	6.1E-07	1.6E-01	2.7E-01	2.6E-08
245	0.03	3.2E-08	7.2E-01	9.9E-04	1.0E-03	7.5E-07	1.6E-01	2.7E-01	3.2E-08
246	0.04	3.9E-08	8.7E-01	9.9E-04	1.0E-03	9.0E-07	1.6E-01	2.7E-01	3.9E-08
247	0.04	4.5E-08	1.0E+00	9.9E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-01	4.5E-08
248	0.05	4.9E-08	1.1E+00	9.9E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.9E-08
249	0.05	5.1E-08	1.1E+00	9.9E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.1E-08
250	0.05	4.9E-08	1.1E+00	9.9E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.9E-08
251	0.05	4.5E-08	1.0E+00	9.9E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.5E-08
252	0.04	4.0E-08	9.0E-01	9.9E-04	1.0E-03	9.3E-07	1.6E-01	2.7E-01	4.0E-08
253	0.03	3.5E-08	7.8E-01	9.9E-04	1.0E-03	8.1E-07	1.6E-01	2.7E-01	3.5E-08
254	0.03	3.0E-08	6.7E-01	9.9E-04	1.0E-03	6.9E-07	1.6E-01	2.7E-01	3.0E-08
255	0.02	2.5E-08	5.6E-01	9.9E-04	1.0E-03	5.7E-07	1.6E-01	2.7E-01	2.5E-08
256	0.02	2.0E-08	4.4E-01	9.9E-04	1.0E-03	4.6E-07	1.6E-01	2.7E-01	2.0E-08
257	0.01	1.3E-08	3.0E-01	9.9E-04	1.0E-03	3.1E-07	1.6E-01	2.7E-01	1.3E-08
258	0.02	1.6E-08	3.5E-01	9.9E-04	1.0E-03	3.6E-07	1.6E-01	2.7E-01	1.6E-08
259	0.02	1.8E-08	4.1E-01	9.9E-04	1.0E-03	4.3E-07	1.6E-01	2.7E-01	1.8E-08
260	0.02	2.2E-08	4.9E-01	9.9E-04	1.0E-03	5.1E-07	1.6E-01	2.7E-01	2.2E-08
261	0.03	2.6E-08	5.8E-01	9.9E-04	1.0E-03	6.0E-07	1.6E-01	2.7E-01	2.6E-08
262	0.03	3.0E-08	6.8E-01	9.9E-04	1.0E-03	7.1E-07	1.6E-01	2.7E-01	3.0E-08
263	0.03	3.4E-08	7.7E-01	9.9E-04	1.0E-03	8.0E-07	1.6E-01	2.7E-01	3.4E-08
264	0.04	3.7E-08	8.4E-01	9.9E-04	1.0E-03	8.7E-07	1.6E-01	2.7E-01	3.7E-08
265	0.04	3.9E-08	8.7E-01	9.9E-04	1.0E-03	9.0E-07	1.6E-01	2.7E-01	3.9E-08
266	0.04	3.8E-08	8.6E-01	9.9E-04	1.0E-03	8.8E-07	1.6E-01	2.7E-01	3.8E-08
267	0.04	3.6E-08	8.1E-01	9.9E-04	1.0E-03	8.4E-07	1.6E-01	2.7E-01	3.6E-08
268	0.03	3.3E-08	7.4E-01	9.9E-04	1.0E-03	7.7E-07	1.6E-01	2.7E-01	3.3E-08
269	0.03	2.9E-08	6.6E-01	9.9E-04	1.0E-03	6.8E-07	1.6E-01	2.7E-01	2.9E-08
270	0.03	2.6E-08	5.8E-01	9.9E-04	1.0E-03	6.0E-07	1.6E-01	2.7E-01	2.6E-08
271	0.02	2.2E-08	5.0E-01	9.9E-04	1.0E-03	5.2E-07	1.6E-01	2.7E-01	2.2E-08
272	0.02	1.8E-08	4.1E-01	9.9E-04	1.0E-03	4.2E-07	1.6E-01	2.7E-01	1.8E-08
273	0.10	1.0E-07	2.2E+00	9.9E-04	1.0E-03	2.3E-06	1.6E-01	2.7E-01	1.0E-07
274	0.11	1.1E-07	2.4E+00	9.9E-04	1.0E-03	2.5E-06	1.6E-01	2.7E-01	1.1E-07
275	0.11	1.1E-07	2.5E+00	9.9E-04	1.0E-03	2.6E-06	1.6E-01	2.7E-01	1.1E-07
276	0.12	1.2E-07	2.7E+00	9.9E-04	1.0E-03	2.8E-06	1.6E-01	2.7E-01	1.2E-07
277	0.13	1.3E-07	2.8E+00	9.9E-04	1.0E-03	2.9E-06	1.6E-01	2.7E-01	1.3E-07
278	0.13	1.3E-07	3.0E+00	9.9E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-01	1.3E-07
279	0.14	1.4E-07	3.1E+00	9.9E-04	1.0E-03	3.2E-06	1.6E-01	2.7E-01	1.4E-07
280	0.14	1.4E-07	3.3E+00	9.9E-04	1.0E-03	3.4E-06	1.6E-01	2.7E-01	1.4E-07
281	0.15	1.5E-07	3.4E+00	9.9E-04	1.0E-03	3.5E-06	1.6E-01	2.7E-01	1.5E-07
282	0.16	1.6E-07	3.6E+00	9.9E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-01	1.6E-07
283	0.17	1.7E-07	3.8E+00	9.9E-04	1.0E-03	3.9E-06	1.6E-01	2.7E-01	1.7E-07
284	0.17	1.7E-07	3.9E+00	9.9E-04	1.0E-03	4.0E-06	1.6E-01	2.7E-01	1.7E-07
285	0.18	1.8E-07	4.1E+00	9.9E-04	1.0E-03	4.2E-06	1.6E-01	2.7E-01	1.8E-07
286	0.19	1.9E-07	4.2E+00	9.9E-04	1.0E-03	4.3E-06	1.6E-01	2.7E-01	1.9E-07
287	0.19	1.9E-07	4.3E+00	9.9E-04	1.0E-03	4.4E-06	1.6E-01	2.7E-01	1.9E-07
288	0.19	1.9E-07	4.4E+00	9.9E-04	1.0E-03	4.5E-06	1.6E-01	2.7E-01	1.9E-07

289	0.20	2.0E-07	4.4E+00	9.9E-04	1.0E-03	4.5E-06	1.6E-01	2.7E-01	2.0E-07
290	0.19	1.9E-07	4.4E+00	9.9E-04	1.0E-03	4.5E-06	1.6E-01	2.7E-01	1.9E-07
291	0.19	1.9E-07	4.3E+00	9.9E-04	1.0E-03	4.5E-06	1.6E-01	2.7E-01	1.9E-07
292	0.19	1.9E-07	4.3E+00	9.9E-04	1.0E-03	4.4E-06	1.6E-01	2.7E-01	1.9E-07
293	0.19	1.9E-07	4.2E+00	9.9E-04	1.0E-03	4.3E-06	1.6E-01	2.7E-01	1.9E-07
294	0.18	1.8E-07	4.1E+00	9.9E-04	1.0E-03	4.2E-06	1.6E-01	2.7E-01	1.8E-07
295	0.18	1.8E-07	4.0E+00	9.9E-04	1.0E-03	4.1E-06	1.6E-01	2.7E-01	1.8E-07
296	0.17	1.7E-07	3.9E+00	9.9E-04	1.0E-03	4.0E-06	1.6E-01	2.7E-01	1.7E-07
297	0.17	1.7E-07	3.7E+00	9.9E-04	1.0E-03	3.9E-06	1.6E-01	2.7E-01	1.7E-07
298	0.16	1.6E-07	3.6E+00	9.9E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-01	1.6E-07
299	0.11	1.1E-07	2.5E+00	9.9E-04	1.0E-03	2.6E-06	1.6E-01	2.7E-01	1.1E-07
300	0.12	1.2E-07	2.7E+00	9.9E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-01	1.2E-07
301	0.13	1.3E-07	2.8E+00	9.9E-04	1.0E-03	2.9E-06	1.6E-01	2.7E-01	1.3E-07
302	0.13	1.3E-07	3.0E+00	9.9E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-01	1.3E-07
303	0.14	1.4E-07	3.2E+00	9.9E-04	1.0E-03	3.3E-06	1.6E-01	2.7E-01	1.4E-07
304	0.15	1.5E-07	3.4E+00	9.9E-04	1.0E-03	3.5E-06	1.6E-01	2.7E-01	1.5E-07
305	0.16	1.6E-07	3.6E+00	9.9E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-01	1.6E-07
306	0.17	1.7E-07	3.8E+00	9.9E-04	1.0E-03	3.9E-06	1.6E-01	2.7E-01	1.7E-07
307	0.18	1.8E-07	4.0E+00	9.9E-04	1.0E-03	4.1E-06	1.6E-01	2.7E-01	1.8E-07
308	0.19	1.9E-07	4.2E+00	9.9E-04	1.0E-03	4.3E-06	1.6E-01	2.7E-01	1.9E-07
309	0.19	1.9E-07	4.4E+00	9.9E-04	1.0E-03	4.5E-06	1.6E-01	2.7E-01	1.9E-07
310	0.20	2.0E-07	4.6E+00	9.9E-04	1.0E-03	4.7E-06	1.6E-01	2.7E-01	2.0E-07
311	0.21	2.1E-07	4.8E+00	9.9E-04	1.0E-03	4.9E-06	1.6E-01	2.7E-01	2.1E-07
312	0.22	2.2E-07	4.9E+00	9.9E-04	1.0E-03	5.0E-06	1.6E-01	2.7E-01	2.2E-07
313	0.22	2.2E-07	5.0E+00	9.9E-04	1.0E-03	5.1E-06	1.6E-01	2.7E-01	2.2E-07
314	0.22	2.2E-07	5.0E+00	9.9E-04	1.0E-03	5.2E-06	1.6E-01	2.7E-01	2.2E-07
315	0.22	2.2E-07	5.0E+00	9.9E-04	1.0E-03	5.2E-06	1.6E-01	2.7E-01	2.2E-07
316	0.22	2.2E-07	5.0E+00	9.9E-04	1.0E-03	5.1E-06	1.6E-01	2.7E-01	2.2E-07
317	0.22	2.2E-07	4.9E+00	9.9E-04	1.0E-03	5.0E-06	1.6E-01	2.7E-01	2.2E-07
318	0.21	2.1E-07	4.8E+00	9.9E-04	1.0E-03	4.9E-06	1.6E-01	2.7E-01	2.1E-07
319	0.21	2.1E-07	4.6E+00	9.9E-04	1.0E-03	4.8E-06	1.6E-01	2.7E-01	2.1E-07
320	0.20	2.0E-07	4.5E+00	9.9E-04	1.0E-03	4.6E-06	1.6E-01	2.7E-01	2.0E-07
321	0.19	1.9E-07	4.4E+00	9.9E-04	1.0E-03	4.5E-06	1.6E-01	2.7E-01	1.9E-07
322	0.19	1.9E-07	4.2E+00	9.9E-04	1.0E-03	4.3E-06	1.6E-01	2.7E-01	1.9E-07
323	0.18	1.8E-07	4.0E+00	9.9E-04	1.0E-03	4.2E-06	1.6E-01	2.7E-01	1.8E-07
324	0.17	1.7E-07	3.9E+00	9.9E-04	1.0E-03	4.0E-06	1.6E-01	2.7E-01	1.7E-07
325	0.12	1.2E-07	2.8E+00	9.9E-04	1.0E-03	2.9E-06	1.6E-01	2.7E-01	1.2E-07
326	0.13	1.3E-07	3.0E+00	9.9E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-01	1.3E-07
327	0.14	1.4E-07	3.2E+00	9.9E-04	1.0E-03	3.3E-06	1.6E-01	2.7E-01	1.4E-07
328	0.15	1.5E-07	3.4E+00	9.9E-04	1.0E-03	3.6E-06	1.6E-01	2.7E-01	1.5E-07
329	0.16	1.6E-07	3.7E+00	9.9E-04	1.0E-03	3.8E-06	1.6E-01	2.7E-01	1.6E-07
330	0.17	1.7E-07	3.9E+00	9.9E-04	1.0E-03	4.1E-06	1.6E-01	2.7E-01	1.7E-07
331	0.19	1.9E-07	4.2E+00	9.9E-04	1.0E-03	4.3E-06	1.6E-01	2.7E-01	1.9E-07
332	0.20	2.0E-07	4.4E+00	9.9E-04	1.0E-03	4.6E-06	1.6E-01	2.7E-01	2.0E-07
333	0.21	2.1E-07	4.7E+00	9.9E-04	1.0E-03	4.8E-06	1.6E-01	2.7E-01	2.1E-07
334	0.22	2.2E-07	4.9E+00	9.9E-04	1.0E-03	5.1E-06	1.6E-01	2.7E-01	2.2E-07
335	0.23	2.3E-07	5.2E+00	9.9E-04	1.0E-03	5.4E-06	1.6E-01	2.7E-01	2.3E-07
336	0.24	2.4E-07	5.4E+00	9.9E-04	1.0E-03	5.6E-06	1.6E-01	2.7E-01	2.4E-07
337	0.25	2.5E-07	5.6E+00	9.9E-04	1.0E-03	5.8E-06	1.6E-01	2.7E-01	2.5E-07

338	0.25	2.5E-07	5.7E+00	9.9E-04	1.0E-03	5.9E-06	1.6E-01	2.7E-01	2.5E-07
339	0.26	2.6E-07	5.8E+00	9.9E-04	1.0E-03	6.0E-06	1.6E-01	2.7E-01	2.6E-07
340	0.26	2.6E-07	5.8E+00	9.9E-04	1.0E-03	6.0E-06	1.6E-01	2.7E-01	2.6E-07
341	0.26	2.6E-07	5.7E+00	9.9E-04	1.0E-03	5.9E-06	1.6E-01	2.7E-01	2.6E-07
342	0.25	2.5E-07	5.6E+00	9.9E-04	1.0E-03	5.8E-06	1.6E-01	2.7E-01	2.5E-07
343	0.24	2.4E-07	5.5E+00	9.9E-04	1.0E-03	5.7E-06	1.6E-01	2.7E-01	2.4E-07
344	0.24	2.4E-07	5.3E+00	9.9E-04	1.0E-03	5.5E-06	1.6E-01	2.7E-01	2.4E-07
345	0.23	2.3E-07	5.1E+00	9.9E-04	1.0E-03	5.3E-06	1.6E-01	2.7E-01	2.3E-07
346	0.22	2.2E-07	4.9E+00	9.9E-04	1.0E-03	5.1E-06	1.6E-01	2.7E-01	2.2E-07
347	0.21	2.1E-07	4.8E+00	9.9E-04	1.0E-03	4.9E-06	1.6E-01	2.7E-01	2.1E-07
348	0.20	2.0E-07	4.6E+00	9.9E-04	1.0E-03	4.7E-06	1.6E-01	2.7E-01	2.0E-07
349	0.19	1.9E-07	4.4E+00	9.9E-04	1.0E-03	4.5E-06	1.6E-01	2.7E-01	1.9E-07
350	0.18	1.8E-07	4.2E+00	9.9E-04	1.0E-03	4.3E-06	1.6E-01	2.7E-01	1.8E-07
351	0.14	1.4E-07	3.1E+00	9.9E-04	1.0E-03	3.2E-06	1.6E-01	2.7E-01	1.4E-07
352	0.15	1.5E-07	3.4E+00	9.9E-04	1.0E-03	3.5E-06	1.6E-01	2.7E-01	1.5E-07
353	0.16	1.6E-07	3.7E+00	9.9E-04	1.0E-03	3.8E-06	1.6E-01	2.7E-01	1.6E-07
354	0.18	1.8E-07	4.0E+00	9.9E-04	1.0E-03	4.1E-06	1.6E-01	2.7E-01	1.8E-07
355	0.19	1.9E-07	4.3E+00	9.9E-04	1.0E-03	4.4E-06	1.6E-01	2.7E-01	1.9E-07
356	0.20	2.0E-07	4.6E+00	9.9E-04	1.0E-03	4.8E-06	1.6E-01	2.7E-01	2.0E-07
357	0.22	2.2E-07	4.9E+00	9.9E-04	1.0E-03	5.1E-06	1.6E-01	2.7E-01	2.2E-07
358	0.23	2.3E-07	5.2E+00	9.9E-04	1.0E-03	5.4E-06	1.6E-01	2.7E-01	2.3E-07
359	0.25	2.5E-07	5.6E+00	9.9E-04	1.0E-03	5.8E-06	1.6E-01	2.7E-01	2.5E-07
360	0.26	2.6E-07	5.9E+00	9.9E-04	1.0E-03	6.1E-06	1.6E-01	2.7E-01	2.6E-07
361	0.28	2.8E-07	6.2E+00	9.9E-04	1.0E-03	6.4E-06	1.6E-01	2.7E-01	2.8E-07
362	0.29	2.9E-07	6.5E+00	9.9E-04	1.0E-03	6.7E-06	1.6E-01	2.7E-01	2.9E-07
363	0.30	3.0E-07	6.7E+00	9.9E-04	1.0E-03	6.9E-06	1.6E-01	2.7E-01	3.0E-07
364	0.30	3.0E-07	6.8E+00	9.9E-04	1.0E-03	7.0E-06	1.6E-01	2.7E-01	3.0E-07
365	0.30	3.0E-07	6.8E+00	9.9E-04	1.0E-03	7.0E-06	1.6E-01	2.7E-01	3.0E-07
366	0.30	3.0E-07	6.7E+00	9.9E-04	1.0E-03	6.9E-06	1.6E-01	2.7E-01	3.0E-07
367	0.29	2.9E-07	6.6E+00	9.9E-04	1.0E-03	6.8E-06	1.6E-01	2.7E-01	2.9E-07
368	0.28	2.8E-07	6.4E+00	9.9E-04	1.0E-03	6.6E-06	1.6E-01	2.7E-01	2.8E-07
369	0.27	2.7E-07	6.2E+00	9.9E-04	1.0E-03	6.4E-06	1.6E-01	2.7E-01	2.7E-07
370	0.26	2.6E-07	5.9E+00	9.9E-04	1.0E-03	6.1E-06	1.6E-01	2.7E-01	2.6E-07
371	0.25	2.5E-07	5.7E+00	9.9E-04	1.0E-03	5.9E-06	1.6E-01	2.7E-01	2.5E-07
372	0.24	2.4E-07	5.4E+00	9.9E-04	1.0E-03	5.6E-06	1.6E-01	2.7E-01	2.4E-07
373	0.23	2.3E-07	5.2E+00	9.9E-04	1.0E-03	5.3E-06	1.6E-01	2.7E-01	2.3E-07
374	0.22	2.2E-07	4.9E+00	9.9E-04	1.0E-03	5.1E-06	1.6E-01	2.7E-01	2.2E-07
375	0.21	2.1E-07	4.7E+00	9.9E-04	1.0E-03	4.8E-06	1.6E-01	2.7E-01	2.1E-07
376	0.20	2.0E-07	4.4E+00	9.9E-04	1.0E-03	4.6E-06	1.6E-01	2.7E-01	2.0E-07
377	0.16	1.6E-07	3.5E+00	9.9E-04	1.0E-03	3.6E-06	1.6E-01	2.7E-01	1.6E-07
378	0.17	1.7E-07	3.9E+00	9.9E-04	1.0E-03	4.0E-06	1.6E-01	2.7E-01	1.7E-07
379	0.19	1.9E-07	4.2E+00	9.9E-04	1.0E-03	4.4E-06	1.6E-01	2.7E-01	1.9E-07
380	0.21	2.1E-07	4.6E+00	9.9E-04	1.0E-03	4.8E-06	1.6E-01	2.7E-01	2.1E-07
381	0.23	2.3E-07	5.1E+00	9.9E-04	1.0E-03	5.2E-06	1.6E-01	2.7E-01	2.3E-07
382	0.34	3.4E-07	7.6E+00	9.9E-04	1.0E-03	7.8E-06	1.6E-01	2.7E-01	3.4E-07
383	0.32	3.2E-07	7.3E+00	9.9E-04	1.0E-03	7.5E-06	1.6E-01	2.7E-01	3.2E-07
384	0.31	3.1E-07	6.9E+00	9.9E-04	1.0E-03	7.2E-06	1.6E-01	2.7E-01	3.1E-07
385	0.29	2.9E-07	6.6E+00	9.9E-04	1.0E-03	6.8E-06	1.6E-01	2.7E-01	2.9E-07
386	0.28	2.8E-07	6.2E+00	9.9E-04	1.0E-03	6.5E-06	1.6E-01	2.7E-01	2.8E-07

387	0.26	2.6E-07	5.9E+00	9.9E-04	1.0E-03	6.1E-06	1.6E-01	2.7E-01	2.6E-07
388	0.25	2.5E-07	5.6E+00	9.9E-04	1.0E-03	5.8E-06	1.6E-01	2.7E-01	2.5E-07
389	0.23	2.3E-07	5.3E+00	9.9E-04	1.0E-03	5.5E-06	1.6E-01	2.7E-01	2.3E-07
390	0.22	2.2E-07	5.0E+00	9.9E-04	1.0E-03	5.2E-06	1.6E-01	2.7E-01	2.2E-07
391	0.21	2.1E-07	4.7E+00	9.9E-04	1.0E-03	4.9E-06	1.6E-01	2.7E-01	2.1E-07
392	0.18	1.8E-07	4.0E+00	9.9E-04	1.0E-03	4.1E-06	1.6E-01	2.7E-01	1.8E-07
393	0.20	2.0E-07	4.4E+00	9.9E-04	1.0E-03	4.6E-06	1.6E-01	2.7E-01	2.0E-07
394	0.22	2.2E-07	4.9E+00	9.9E-04	1.0E-03	5.1E-06	1.6E-01	2.7E-01	2.2E-07
395	0.24	2.4E-07	5.5E+00	9.9E-04	1.0E-03	5.6E-06	1.6E-01	2.7E-01	2.4E-07
396	0.27	2.7E-07	6.1E+00	9.9E-04	1.0E-03	6.3E-06	1.6E-01	2.7E-01	2.7E-07
397	0.38	3.8E-07	8.7E+00	9.9E-04	1.0E-03	8.9E-06	1.6E-01	2.7E-01	3.8E-07
398	0.36	3.6E-07	8.2E+00	9.9E-04	1.0E-03	8.5E-06	1.6E-01	2.7E-01	3.6E-07
399	0.34	3.4E-07	7.7E+00	9.9E-04	1.0E-03	8.0E-06	1.6E-01	2.7E-01	3.4E-07
400	0.32	3.2E-07	7.3E+00	9.9E-04	1.0E-03	7.5E-06	1.6E-01	2.7E-01	3.2E-07
401	0.30	3.0E-07	6.8E+00	9.9E-04	1.0E-03	7.1E-06	1.6E-01	2.7E-01	3.0E-07
402	0.29	2.9E-07	6.4E+00	9.9E-04	1.0E-03	6.6E-06	1.6E-01	2.7E-01	2.9E-07
403	0.27	2.7E-07	6.0E+00	9.9E-04	1.0E-03	6.2E-06	1.6E-01	2.7E-01	2.7E-07
404	0.25	2.5E-07	5.6E+00	9.9E-04	1.0E-03	5.8E-06	1.6E-01	2.7E-01	2.5E-07
405	0.24	2.4E-07	5.3E+00	9.9E-04	1.0E-03	5.5E-06	1.6E-01	2.7E-01	2.4E-07
406	0.22	2.2E-07	5.0E+00	9.9E-04	1.0E-03	5.1E-06	1.6E-01	2.7E-01	2.2E-07
407	0.20	2.0E-07	4.5E+00	9.9E-04	1.0E-03	4.6E-06	1.6E-01	2.7E-01	2.0E-07
408	0.22	2.2E-07	5.0E+00	9.9E-04	1.0E-03	5.2E-06	1.6E-01	2.7E-01	2.2E-07
409	0.25	2.5E-07	5.7E+00	9.9E-04	1.0E-03	5.9E-06	1.6E-01	2.7E-01	2.5E-07
410	0.29	2.9E-07	6.5E+00	9.9E-04	1.0E-03	6.7E-06	1.6E-01	2.7E-01	2.9E-07
411	0.33	3.3E-07	7.3E+00	9.9E-04	1.0E-03	7.6E-06	1.6E-01	2.7E-01	3.3E-07
412	0.44	4.4E-07	9.9E+00	9.9E-04	1.0E-03	1.0E-05	1.6E-01	2.7E-01	4.4E-07
413	0.41	4.1E-07	9.2E+00	9.9E-04	1.0E-03	9.5E-06	1.6E-01	2.7E-01	4.1E-07
414	0.38	3.8E-07	8.6E+00	9.9E-04	1.0E-03	8.9E-06	1.6E-01	2.7E-01	3.8E-07
415	0.36	3.6E-07	8.0E+00	9.9E-04	1.0E-03	8.3E-06	1.6E-01	2.7E-01	3.6E-07
416	0.33	3.3E-07	7.4E+00	9.9E-04	1.0E-03	7.7E-06	1.6E-01	2.7E-01	3.3E-07
417	0.31	3.1E-07	6.9E+00	9.9E-04	1.0E-03	7.2E-06	1.6E-01	2.7E-01	3.1E-07
418	0.29	2.9E-07	6.4E+00	9.9E-04	1.0E-03	6.7E-06	1.6E-01	2.7E-01	2.9E-07
419	0.27	2.7E-07	6.0E+00	9.9E-04	1.0E-03	6.2E-06	1.6E-01	2.7E-01	2.7E-07
420	0.25	2.5E-07	5.6E+00	9.9E-04	1.0E-03	5.8E-06	1.6E-01	2.7E-01	2.5E-07
421	0.23	2.3E-07	5.2E+00	9.9E-04	1.0E-03	5.4E-06	1.6E-01	2.7E-01	2.3E-07
422	0.22	2.2E-07	5.1E+00	9.9E-04	1.0E-03	5.2E-06	1.6E-01	2.7E-01	2.2E-07
423	0.26	2.6E-07	5.8E+00	9.9E-04	1.0E-03	6.0E-06	1.6E-01	2.7E-01	2.6E-07
424	0.30	3.0E-07	6.7E+00	9.9E-04	1.0E-03	6.9E-06	1.6E-01	2.7E-01	3.0E-07
425	0.34	3.4E-07	7.7E+00	9.9E-04	1.0E-03	8.0E-06	1.6E-01	2.7E-01	3.4E-07
426	0.40	4.0E-07	9.0E+00	9.9E-04	1.0E-03	9.3E-06	1.6E-01	2.7E-01	4.0E-07
427	0.50	5.0E-07	1.1E+01	9.9E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-01	5.0E-07
428	0.46	4.6E-07	1.0E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-01	4.6E-07
429	0.42	4.2E-07	9.5E+00	9.9E-04	1.0E-03	9.8E-06	1.6E-01	2.7E-01	4.2E-07
430	0.39	3.9E-07	8.7E+00	9.9E-04	1.0E-03	9.0E-06	1.6E-01	2.7E-01	3.9E-07
431	0.36	3.6E-07	8.1E+00	9.9E-04	1.0E-03	8.3E-06	1.6E-01	2.7E-01	3.6E-07
432	0.33	3.3E-07	7.4E+00	9.9E-04	1.0E-03	7.7E-06	1.6E-01	2.7E-01	3.3E-07
433	0.30	3.0E-07	6.9E+00	9.9E-04	1.0E-03	7.1E-06	1.6E-01	2.7E-01	3.0E-07
434	0.28	2.8E-07	6.3E+00	9.9E-04	1.0E-03	6.5E-06	1.6E-01	2.7E-01	2.8E-07
435	0.26	2.6E-07	5.9E+00	9.9E-04	1.0E-03	6.0E-06	1.6E-01	2.7E-01	2.6E-07

436	0.24	2.4E-07	5.4E+00	9.9E-04	1.0E-03	5.6E-06	1.6E-01	2.7E-01	2.4E-07
437	0.25	2.5E-07	5.7E+00	9.9E-04	1.0E-03	5.9E-06	1.6E-01	2.7E-01	2.5E-07
438	0.29	2.9E-07	6.6E+00	9.9E-04	1.0E-03	6.8E-06	1.6E-01	2.7E-01	2.9E-07
439	0.35	3.5E-07	7.8E+00	9.9E-04	1.0E-03	8.1E-06	1.6E-01	2.7E-01	3.5E-07
440	0.41	4.1E-07	9.3E+00	9.9E-04	1.0E-03	9.6E-06	1.6E-01	2.7E-01	4.1E-07
441	0.50	5.0E-07	1.1E+01	9.9E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-01	5.0E-07
442	0.56	5.6E-07	1.3E+01	9.9E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-01	5.6E-07
443	0.51	5.1E-07	1.1E+01	9.9E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-01	5.1E-07
444	0.46	4.6E-07	1.0E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-01	4.6E-07
445	0.42	4.2E-07	9.5E+00	9.9E-04	1.0E-03	9.8E-06	1.6E-01	2.7E-01	4.2E-07
446	0.38	3.8E-07	8.6E+00	9.9E-04	1.0E-03	8.9E-06	1.6E-01	2.7E-01	3.8E-07
447	0.35	3.5E-07	7.9E+00	9.9E-04	1.0E-03	8.2E-06	1.6E-01	2.7E-01	3.5E-07
448	0.32	3.2E-07	7.2E+00	9.9E-04	1.0E-03	7.5E-06	1.6E-01	2.7E-01	3.2E-07
449	0.30	3.0E-07	6.6E+00	9.9E-04	1.0E-03	6.9E-06	1.6E-01	2.7E-01	3.0E-07
450	0.27	2.7E-07	6.1E+00	9.9E-04	1.0E-03	6.3E-06	1.6E-01	2.7E-01	2.7E-07
451	0.25	2.5E-07	5.6E+00	9.9E-04	1.0E-03	5.8E-06	1.6E-01	2.7E-01	2.5E-07
452	0.28	2.8E-07	6.4E+00	9.9E-04	1.0E-03	6.6E-06	1.6E-01	2.7E-01	2.8E-07
453	0.33	3.3E-07	7.5E+00	9.9E-04	1.0E-03	7.8E-06	1.6E-01	2.7E-01	3.3E-07
454	0.41	4.1E-07	9.2E+00	9.9E-04	1.0E-03	9.4E-06	1.6E-01	2.7E-01	4.1E-07
455	0.50	5.0E-07	1.1E+01	9.9E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-01	5.0E-07
456	0.64	6.4E-07	1.4E+01	9.9E-04	1.0E-03	1.5E-05	1.6E-01	2.7E-01	6.4E-07
457	0.62	6.2E-07	1.4E+01	9.9E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-01	6.2E-07
458	0.55	5.5E-07	1.2E+01	9.9E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-01	5.5E-07
459	0.50	5.0E-07	1.1E+01	9.9E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-01	5.0E-07
460	0.45	4.5E-07	1.0E+01	9.9E-04	1.0E-03	1.0E-05	1.6E-01	2.7E-01	4.5E-07
461	0.41	4.1E-07	9.2E+00	9.9E-04	1.0E-03	9.5E-06	1.6E-01	2.7E-01	4.1E-07
462	0.37	3.7E-07	8.3E+00	9.9E-04	1.0E-03	8.6E-06	1.6E-01	2.7E-01	3.7E-07
463	0.34	3.4E-07	7.6E+00	9.9E-04	1.0E-03	7.8E-06	1.6E-01	2.7E-01	3.4E-07
464	0.31	3.1E-07	6.9E+00	9.9E-04	1.0E-03	7.2E-06	1.6E-01	2.7E-01	3.1E-07
465	0.28	2.8E-07	6.3E+00	9.9E-04	1.0E-03	6.5E-06	1.6E-01	2.7E-01	2.8E-07
466	0.26	2.6E-07	5.8E+00	9.9E-04	1.0E-03	6.0E-06	1.6E-01	2.7E-01	2.6E-07
467	0.31	3.1E-07	7.0E+00	9.9E-04	1.0E-03	7.2E-06	1.6E-01	2.7E-01	3.1E-07
468	0.37	3.7E-07	8.4E+00	9.9E-04	1.0E-03	8.7E-06	1.6E-01	2.7E-01	3.7E-07
469	0.46	4.6E-07	1.0E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-01	4.6E-07
470	0.59	5.9E-07	1.3E+01	9.9E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-01	5.9E-07
471	0.80	8.0E-07	1.8E+01	9.9E-04	1.0E-03	1.9E-05	1.6E-01	2.7E-01	8.0E-07
472	0.67	6.7E-07	1.5E+01	9.9E-04	1.0E-03	1.6E-05	1.6E-01	2.7E-01	6.7E-07
473	0.60	6.0E-07	1.3E+01	9.9E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-01	6.0E-07
474	0.53	5.3E-07	1.2E+01	9.9E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-01	5.3E-07
475	0.48	4.8E-07	1.1E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-01	4.8E-07
476	0.43	4.3E-07	9.6E+00	9.9E-04	1.0E-03	1.0E-05	1.6E-01	2.7E-01	4.3E-07
477	0.39	3.9E-07	8.7E+00	9.9E-04	1.0E-03	9.0E-06	1.6E-01	2.7E-01	3.9E-07
478	0.35	3.5E-07	7.9E+00	9.9E-04	1.0E-03	8.1E-06	1.6E-01	2.7E-01	3.5E-07
479	0.32	3.2E-07	7.2E+00	9.9E-04	1.0E-03	7.4E-06	1.6E-01	2.7E-01	3.2E-07
480	0.29	2.9E-07	6.5E+00	9.9E-04	1.0E-03	6.7E-06	1.6E-01	2.7E-01	2.9E-07
481	0.26	2.6E-07	5.9E+00	9.9E-04	1.0E-03	6.1E-06	1.6E-01	2.7E-01	2.6E-07
482	0.34	3.4E-07	7.6E+00	9.9E-04	1.0E-03	7.8E-06	1.6E-01	2.7E-01	3.4E-07
483	0.41	4.1E-07	9.3E+00	9.9E-04	1.0E-03	9.6E-06	1.6E-01	2.7E-01	4.1E-07
484	0.52	5.2E-07	1.2E+01	9.9E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-01	5.2E-07

485	0.69	6.9E-07	1.6E+01	9.9E-04	1.0E-03	1.6E-05	1.6E-01	2.7E-01	6.9E-07
486	0.98	9.8E-07	2.2E+01	9.9E-04	1.0E-03	2.3E-05	1.6E-01	2.7E-01	9.8E-07
487	0.72	7.2E-07	1.6E+01	9.9E-04	1.0E-03	1.7E-05	1.6E-01	2.7E-01	7.2E-07
488	0.64	6.4E-07	1.4E+01	9.9E-04	1.0E-03	1.5E-05	1.6E-01	2.7E-01	6.4E-07
489	0.56	5.6E-07	1.3E+01	9.9E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-01	5.6E-07
490	0.50	5.0E-07	1.1E+01	9.9E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-01	5.0E-07
491	0.45	4.5E-07	1.0E+01	9.9E-04	1.0E-03	1.0E-05	1.6E-01	2.7E-01	4.5E-07
492	0.40	4.0E-07	9.0E+00	9.9E-04	1.0E-03	9.3E-06	1.6E-01	2.7E-01	4.0E-07
493	0.36	3.6E-07	8.1E+00	9.9E-04	1.0E-03	8.4E-06	1.6E-01	2.7E-01	3.6E-07
494	0.33	3.3E-07	7.3E+00	9.9E-04	1.0E-03	7.6E-06	1.6E-01	2.7E-01	3.3E-07
495	0.30	3.0E-07	6.7E+00	9.9E-04	1.0E-03	6.9E-06	1.6E-01	2.7E-01	3.0E-07
496	0.27	2.7E-07	6.0E+00	9.9E-04	1.0E-03	6.2E-06	1.6E-01	2.7E-01	2.7E-07
497	0.36	3.6E-07	8.2E+00	9.9E-04	1.0E-03	8.5E-06	1.6E-01	2.7E-01	3.6E-07
498	0.45	4.5E-07	1.0E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-01	4.5E-07
499	0.59	5.9E-07	1.3E+01	9.9E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-01	5.9E-07
500	0.80	8.0E-07	1.8E+01	9.9E-04	1.0E-03	1.9E-05	1.6E-01	2.7E-01	8.0E-07
501	1.14	1.1E-06	2.6E+01	9.9E-04	1.0E-03	2.7E-05	1.6E-01	2.7E-01	1.1E-06
502	0.77	7.7E-07	1.7E+01	9.9E-04	1.0E-03	1.8E-05	1.6E-01	2.7E-01	7.7E-07
503	0.67	6.7E-07	1.5E+01	9.9E-04	1.0E-03	1.6E-05	1.6E-01	2.7E-01	6.7E-07
504	0.59	5.9E-07	1.3E+01	9.9E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-01	5.9E-07
505	0.52	5.2E-07	1.2E+01	9.9E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-01	5.2E-07
506	0.46	4.6E-07	1.0E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-01	4.6E-07
507	0.41	4.1E-07	9.2E+00	9.9E-04	1.0E-03	9.5E-06	1.6E-01	2.7E-01	4.1E-07
508	0.37	3.7E-07	8.3E+00	9.9E-04	1.0E-03	8.6E-06	1.6E-01	2.7E-01	3.7E-07
509	0.33	3.3E-07	7.5E+00	9.9E-04	1.0E-03	7.7E-06	1.6E-01	2.7E-01	3.3E-07
510	0.30	3.0E-07	6.7E+00	9.9E-04	1.0E-03	7.0E-06	1.6E-01	2.7E-01	3.0E-07
511	0.27	2.7E-07	6.1E+00	9.9E-04	1.0E-03	6.3E-06	1.6E-01	2.7E-01	2.7E-07
512	0.39	3.9E-07	8.7E+00	9.9E-04	1.0E-03	9.0E-06	1.6E-01	2.7E-01	3.9E-07
513	0.48	4.8E-07	1.1E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-01	4.8E-07
514	0.63	6.3E-07	1.4E+01	9.9E-04	1.0E-03	1.5E-05	1.6E-01	2.7E-01	6.3E-07
515	0.87	8.7E-07	2.0E+01	9.9E-04	1.0E-03	2.0E-05	1.6E-01	2.7E-01	8.7E-07
516	1.27	1.3E-06	2.8E+01	9.9E-04	1.0E-03	2.9E-05	1.6E-01	2.7E-01	1.3E-06
517	0.80	8.0E-07	1.8E+01	9.9E-04	1.0E-03	1.9E-05	1.6E-01	2.7E-01	8.0E-07
518	0.70	7.0E-07	1.6E+01	9.9E-04	1.0E-03	1.6E-05	1.6E-01	2.7E-01	7.0E-07
519	0.61	6.1E-07	1.4E+01	9.9E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-01	6.1E-07
520	0.53	5.3E-07	1.2E+01	9.9E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-01	5.3E-07
521	0.47	4.7E-07	1.1E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-01	4.7E-07
522	0.42	4.2E-07	9.4E+00	9.9E-04	1.0E-03	9.7E-06	1.6E-01	2.7E-01	4.2E-07
523	0.37	3.7E-07	8.4E+00	9.9E-04	1.0E-03	8.7E-06	1.6E-01	2.7E-01	3.7E-07
524	0.33	3.3E-07	7.5E+00	9.9E-04	1.0E-03	7.8E-06	1.6E-01	2.7E-01	3.3E-07
525	0.30	3.0E-07	6.7E+00	9.9E-04	1.0E-03	7.0E-06	1.6E-01	2.7E-01	3.0E-07
526	0.27	2.7E-07	6.1E+00	9.9E-04	1.0E-03	6.3E-06	1.6E-01	2.7E-01	2.7E-07
527	0.40	4.0E-07	9.1E+00	9.9E-04	1.0E-03	9.4E-06	1.6E-01	2.7E-01	4.0E-07
528	0.51	5.1E-07	1.1E+01	9.9E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-01	5.1E-07
529	0.67	6.7E-07	1.5E+01	9.9E-04	1.0E-03	1.6E-05	1.6E-01	2.7E-01	6.7E-07
530	0.93	9.3E-07	2.1E+01	9.9E-04	1.0E-03	2.2E-05	1.6E-01	2.7E-01	9.3E-07
531	1.36	1.4E-06	3.1E+01	9.9E-04	1.0E-03	3.2E-05	1.6E-01	2.7E-01	1.4E-06
532	0.83	8.3E-07	1.9E+01	9.9E-04	1.0E-03	1.9E-05	1.6E-01	2.7E-01	8.3E-07
533	0.72	7.2E-07	1.6E+01	9.9E-04	1.0E-03	1.7E-05	1.6E-01	2.7E-01	7.2E-07

534	0.62	6.2E-07	1.4E+01	9.9E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-01	6.2E-07
535	0.54	5.4E-07	1.2E+01	9.9E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-01	5.4E-07
536	0.47	4.7E-07	1.1E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-01	4.7E-07
537	0.42	4.2E-07	9.4E+00	9.9E-04	1.0E-03	9.7E-06	1.6E-01	2.7E-01	4.2E-07
538	0.37	3.7E-07	8.3E+00	9.9E-04	1.0E-03	8.6E-06	1.6E-01	2.7E-01	3.7E-07
539	0.33	3.3E-07	7.5E+00	9.9E-04	1.0E-03	7.7E-06	1.6E-01	2.7E-01	3.3E-07
540	0.30	3.0E-07	6.7E+00	9.9E-04	1.0E-03	6.9E-06	1.6E-01	2.7E-01	3.0E-07
541	0.27	2.7E-07	6.0E+00	9.9E-04	1.0E-03	6.2E-06	1.6E-01	2.7E-01	2.7E-07
542	0.42	4.2E-07	9.4E+00	9.9E-04	1.0E-03	9.7E-06	1.6E-01	2.7E-01	4.2E-07
543	0.53	5.3E-07	1.2E+01	9.9E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-01	5.3E-07
544	0.71	7.1E-07	1.6E+01	9.9E-04	1.0E-03	1.7E-05	1.6E-01	2.7E-01	7.1E-07
545	0.98	9.8E-07	2.2E+01	9.9E-04	1.0E-03	2.3E-05	1.6E-01	2.7E-01	9.8E-07
546	1.41	1.4E-06	3.2E+01	9.9E-04	1.0E-03	3.3E-05	1.6E-01	2.7E-01	1.4E-06
547	0.85	8.5E-07	1.9E+01	9.9E-04	1.0E-03	2.0E-05	1.6E-01	2.7E-01	8.5E-07
548	0.73	7.3E-07	1.6E+01	9.9E-04	1.0E-03	1.7E-05	1.6E-01	2.7E-01	7.3E-07
549	0.62	6.2E-07	1.4E+01	9.9E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-01	6.2E-07
550	0.54	5.4E-07	1.2E+01	9.9E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-01	5.4E-07
551	0.46	4.6E-07	1.0E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-01	4.6E-07
552	0.40	4.0E-07	9.0E+00	9.9E-04	1.0E-03	9.3E-06	1.6E-01	2.7E-01	4.0E-07
553	0.36	3.6E-07	8.0E+00	9.9E-04	1.0E-03	8.3E-06	1.6E-01	2.7E-01	3.6E-07
554	0.32	3.2E-07	7.2E+00	9.9E-04	1.0E-03	7.4E-06	1.6E-01	2.7E-01	3.2E-07
555	0.29	2.9E-07	6.4E+00	9.9E-04	1.0E-03	6.7E-06	1.6E-01	2.7E-01	2.9E-07
556	0.26	2.6E-07	5.8E+00	9.9E-04	1.0E-03	6.0E-06	1.6E-01	2.7E-01	2.6E-07
557	0.42	4.2E-07	9.5E+00	9.9E-04	1.0E-03	9.8E-06	1.6E-01	2.7E-01	4.2E-07
558	0.54	5.4E-07	1.2E+01	9.9E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-01	5.4E-07
559	0.73	7.3E-07	1.6E+01	9.9E-04	1.0E-03	1.7E-05	1.6E-01	2.7E-01	7.3E-07
560	1.01	1.0E-06	2.3E+01	9.9E-04	1.0E-03	2.3E-05	1.6E-01	2.7E-01	1.0E-06
561	1.44	1.4E-06	3.2E+01	9.9E-04	1.0E-03	3.4E-05	1.6E-01	2.7E-01	1.4E-06
562	0.73	7.3E-07	1.6E+01	9.9E-04	1.0E-03	1.7E-05	1.6E-01	2.7E-01	7.3E-07
563	0.62	6.2E-07	1.4E+01	9.9E-04	1.0E-03	1.5E-05	1.6E-01	2.7E-01	6.2E-07
564	0.53	5.3E-07	1.2E+01	9.9E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-01	5.3E-07
565	0.43	4.3E-07	9.8E+00	9.9E-04	1.0E-03	1.0E-05	1.6E-01	2.7E-01	4.3E-07
566	0.38	3.8E-07	8.5E+00	9.9E-04	1.0E-03	8.8E-06	1.6E-01	2.7E-01	3.8E-07
567	0.33	3.3E-07	7.5E+00	9.9E-04	1.0E-03	7.8E-06	1.6E-01	2.7E-01	3.3E-07
568	0.30	3.0E-07	6.7E+00	9.9E-04	1.0E-03	6.9E-06	1.6E-01	2.7E-01	3.0E-07
569	0.27	2.7E-07	6.0E+00	9.9E-04	1.0E-03	6.2E-06	1.6E-01	2.7E-01	2.7E-07
570	0.24	2.4E-07	5.5E+00	9.9E-04	1.0E-03	5.6E-06	1.6E-01	2.7E-01	2.4E-07
571	0.43	4.3E-07	9.6E+00	9.9E-04	1.0E-03	9.9E-06	1.6E-01	2.7E-01	4.3E-07
572	0.55	5.5E-07	1.2E+01	9.9E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-01	5.5E-07
573	0.73	7.3E-07	1.6E+01	9.9E-04	1.0E-03	1.7E-05	1.6E-01	2.7E-01	7.3E-07
574	1.02	1.0E-06	2.3E+01	9.9E-04	1.0E-03	2.4E-05	1.6E-01	2.7E-01	1.0E-06
575	1.45	1.5E-06	3.3E+01	9.9E-04	1.0E-03	3.4E-05	1.6E-01	2.7E-01	1.5E-06
576	0.62	6.2E-07	1.4E+01	9.9E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-01	6.2E-07
577	0.53	5.3E-07	1.2E+01	9.9E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-01	5.3E-07
578	0.44	4.4E-07	1.0E+01	9.9E-04	1.0E-03	1.0E-05	1.6E-01	2.7E-01	4.4E-07
579	0.39	3.9E-07	8.7E+00	9.9E-04	1.0E-03	9.0E-06	1.6E-01	2.7E-01	3.9E-07
580	0.34	3.4E-07	7.6E+00	9.9E-04	1.0E-03	7.8E-06	1.6E-01	2.7E-01	3.4E-07
581	0.29	2.9E-07	6.6E+00	9.9E-04	1.0E-03	6.9E-06	1.6E-01	2.7E-01	2.9E-07
582	0.26	2.6E-07	5.9E+00	9.9E-04	1.0E-03	6.1E-06	1.6E-01	2.7E-01	2.6E-07

583	0.23	2.3E-07	5.2E+00	9.9E-04	1.0E-03	5.4E-06	1.6E-01	2.7E-01	2.3E-07
584	0.43	4.3E-07	9.6E+00	9.9E-04	1.0E-03	9.9E-06	1.6E-01	2.7E-01	4.3E-07
585	0.55	5.5E-07	1.2E+01	9.9E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-01	5.5E-07
586	0.73	7.3E-07	1.6E+01	9.9E-04	1.0E-03	1.7E-05	1.6E-01	2.7E-01	7.3E-07
587	1.00	1.0E-06	2.3E+01	9.9E-04	1.0E-03	2.3E-05	1.6E-01	2.7E-01	1.0E-06
588	1.44	1.4E-06	3.2E+01	9.9E-04	1.0E-03	3.3E-05	1.6E-01	2.7E-01	1.4E-06
589	0.53	5.3E-07	1.2E+01	9.9E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-01	5.3E-07
590	0.45	4.5E-07	1.0E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-01	4.5E-07
591	0.40	4.0E-07	8.9E+00	9.9E-04	1.0E-03	9.2E-06	1.6E-01	2.7E-01	4.0E-07
592	0.34	3.4E-07	7.7E+00	9.9E-04	1.0E-03	7.9E-06	1.6E-01	2.7E-01	3.4E-07
593	0.30	3.0E-07	6.8E+00	9.9E-04	1.0E-03	7.0E-06	1.6E-01	2.7E-01	3.0E-07
594	0.26	2.6E-07	5.9E+00	9.9E-04	1.0E-03	6.1E-06	1.6E-01	2.7E-01	2.6E-07
595	0.23	2.3E-07	5.2E+00	9.9E-04	1.0E-03	5.3E-06	1.6E-01	2.7E-01	2.3E-07
596	0.42	4.2E-07	9.4E+00	9.9E-04	1.0E-03	9.7E-06	1.6E-01	2.7E-01	4.2E-07
597	0.54	5.4E-07	1.2E+01	9.9E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-01	5.4E-07
598	0.71	7.1E-07	1.6E+01	9.9E-04	1.0E-03	1.6E-05	1.6E-01	2.7E-01	7.1E-07
599	0.97	9.7E-07	2.2E+01	9.9E-04	1.0E-03	2.3E-05	1.6E-01	2.7E-01	9.7E-07
600	1.39	1.4E-06	3.1E+01	9.9E-04	1.0E-03	3.2E-05	1.6E-01	2.7E-01	1.4E-06
601	0.44	4.4E-07	9.8E+00	9.9E-04	1.0E-03	1.0E-05	1.6E-01	2.7E-01	4.4E-07
602	0.38	3.8E-07	8.6E+00	9.9E-04	1.0E-03	8.8E-06	1.6E-01	2.7E-01	3.8E-07
603	0.33	3.3E-07	7.4E+00	9.9E-04	1.0E-03	7.7E-06	1.6E-01	2.7E-01	3.3E-07
604	0.29	2.9E-07	6.6E+00	9.9E-04	1.0E-03	6.8E-06	1.6E-01	2.7E-01	2.9E-07
605	0.26	2.6E-07	5.8E+00	9.9E-04	1.0E-03	6.0E-06	1.6E-01	2.7E-01	2.6E-07
606	0.23	2.3E-07	5.1E+00	9.9E-04	1.0E-03	5.3E-06	1.6E-01	2.7E-01	2.3E-07
607	0.40	4.0E-07	9.0E+00	9.9E-04	1.0E-03	9.3E-06	1.6E-01	2.7E-01	4.0E-07
608	0.52	5.2E-07	1.2E+01	9.9E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-01	5.2E-07
609	0.67	6.7E-07	1.5E+01	9.9E-04	1.0E-03	1.6E-05	1.6E-01	2.7E-01	6.7E-07
610	0.91	9.1E-07	2.1E+01	9.9E-04	1.0E-03	2.1E-05	1.6E-01	2.7E-01	9.1E-07
611	1.30	1.3E-06	2.9E+01	9.9E-04	1.0E-03	3.0E-05	1.6E-01	2.7E-01	1.3E-06
612	0.42	4.2E-07	9.4E+00	9.9E-04	1.0E-03	9.7E-06	1.6E-01	2.7E-01	4.2E-07
613	0.36	3.6E-07	8.2E+00	9.9E-04	1.0E-03	8.4E-06	1.6E-01	2.7E-01	3.6E-07
614	0.32	3.2E-07	7.1E+00	9.9E-04	1.0E-03	7.4E-06	1.6E-01	2.7E-01	3.2E-07
615	0.28	2.8E-07	6.3E+00	9.9E-04	1.0E-03	6.5E-06	1.6E-01	2.7E-01	2.8E-07
616	0.25	2.5E-07	5.5E+00	9.9E-04	1.0E-03	5.7E-06	1.6E-01	2.7E-01	2.5E-07
617	0.22	2.2E-07	4.9E+00	9.9E-04	1.0E-03	5.0E-06	1.6E-01	2.7E-01	2.2E-07
618	0.38	3.8E-07	8.6E+00	9.9E-04	1.0E-03	8.8E-06	1.6E-01	2.7E-01	3.8E-07
619	0.48	4.8E-07	1.1E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-01	4.8E-07
620	0.63	6.3E-07	1.4E+01	9.9E-04	1.0E-03	1.5E-05	1.6E-01	2.7E-01	6.3E-07
621	0.83	8.3E-07	1.9E+01	9.9E-04	1.0E-03	1.9E-05	1.6E-01	2.7E-01	8.3E-07
622	1.17	1.2E-06	2.6E+01	9.9E-04	1.0E-03	2.7E-05	1.6E-01	2.7E-01	1.2E-06
623	0.39	3.9E-07	8.8E+00	9.9E-04	1.0E-03	9.1E-06	1.6E-01	2.7E-01	3.9E-07
624	0.34	3.4E-07	7.7E+00	9.9E-04	1.0E-03	7.9E-06	1.6E-01	2.7E-01	3.4E-07
625	0.30	3.0E-07	6.7E+00	9.9E-04	1.0E-03	7.0E-06	1.6E-01	2.7E-01	3.0E-07
626	0.26	2.6E-07	6.0E+00	9.9E-04	1.0E-03	6.1E-06	1.6E-01	2.7E-01	2.6E-07
627	0.24	2.4E-07	5.3E+00	9.9E-04	1.0E-03	5.5E-06	1.6E-01	2.7E-01	2.4E-07
628	0.21	2.1E-07	4.7E+00	9.9E-04	1.0E-03	4.9E-06	1.6E-01	2.7E-01	2.1E-07
629	0.36	3.6E-07	8.0E+00	9.9E-04	1.0E-03	8.3E-06	1.6E-01	2.7E-01	3.6E-07
630	0.44	4.4E-07	9.9E+00	9.9E-04	1.0E-03	1.0E-05	1.6E-01	2.7E-01	4.4E-07
631	0.56	5.6E-07	1.3E+01	9.9E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-01	5.6E-07

632	0.74	7.4E-07	1.7E+01	9.9E-04	1.0E-03	1.7E-05	1.6E-01	2.7E-01	7.4E-07
633	1.01	1.0E-06	2.3E+01	9.9E-04	1.0E-03	2.4E-05	1.6E-01	2.7E-01	1.0E-06
634	0.37	3.7E-07	8.2E+00	9.9E-04	1.0E-03	8.5E-06	1.6E-01	2.7E-01	3.7E-07
635	0.32	3.2E-07	7.2E+00	9.9E-04	1.0E-03	7.4E-06	1.6E-01	2.7E-01	3.2E-07
636	0.28	2.8E-07	6.3E+00	9.9E-04	1.0E-03	6.5E-06	1.6E-01	2.7E-01	2.8E-07
637	0.25	2.5E-07	5.6E+00	9.9E-04	1.0E-03	5.8E-06	1.6E-01	2.7E-01	2.5E-07
638	0.22	2.2E-07	5.0E+00	9.9E-04	1.0E-03	5.2E-06	1.6E-01	2.7E-01	2.2E-07
639	0.20	2.0E-07	4.5E+00	9.9E-04	1.0E-03	4.6E-06	1.6E-01	2.7E-01	2.0E-07
640	0.33	3.3E-07	7.4E+00	9.9E-04	1.0E-03	7.6E-06	1.6E-01	2.7E-01	3.3E-07
641	0.40	4.0E-07	9.0E+00	9.9E-04	1.0E-03	9.3E-06	1.6E-01	2.7E-01	4.0E-07
642	0.50	5.0E-07	1.1E+01	9.9E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-01	5.0E-07
643	0.64	6.4E-07	1.4E+01	9.9E-04	1.0E-03	1.5E-05	1.6E-01	2.7E-01	6.4E-07
644	0.84	8.4E-07	1.9E+01	9.9E-04	1.0E-03	2.0E-05	1.6E-01	2.7E-01	8.4E-07
645	0.34	3.4E-07	7.6E+00	9.9E-04	1.0E-03	7.8E-06	1.6E-01	2.7E-01	3.4E-07
646	0.30	3.0E-07	6.7E+00	9.9E-04	1.0E-03	6.9E-06	1.6E-01	2.7E-01	3.0E-07
647	0.26	2.6E-07	5.9E+00	9.9E-04	1.0E-03	6.1E-06	1.6E-01	2.7E-01	2.6E-07
648	0.24	2.4E-07	5.3E+00	9.9E-04	1.0E-03	5.5E-06	1.6E-01	2.7E-01	2.4E-07
649	0.21	2.1E-07	4.7E+00	9.9E-04	1.0E-03	4.9E-06	1.6E-01	2.7E-01	2.1E-07
650	0.19	1.9E-07	4.3E+00	9.9E-04	1.0E-03	4.4E-06	1.6E-01	2.7E-01	1.9E-07
651	0.30	3.0E-07	6.8E+00	9.9E-04	1.0E-03	7.0E-06	1.6E-01	2.7E-01	3.0E-07
652	0.36	3.6E-07	8.2E+00	9.9E-04	1.0E-03	8.4E-06	1.6E-01	2.7E-01	3.6E-07
653	0.44	4.4E-07	1.0E+01	9.9E-04	1.0E-03	1.0E-05	1.6E-01	2.7E-01	4.4E-07
654	0.55	5.5E-07	1.2E+01	9.9E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-01	5.5E-07
655	0.69	6.9E-07	1.6E+01	9.9E-04	1.0E-03	1.6E-05	1.6E-01	2.7E-01	6.9E-07
656	0.88	8.8E-07	2.0E+01	9.9E-04	1.0E-03	2.0E-05	1.6E-01	2.7E-01	8.8E-07
657	1.11	1.1E-06	2.5E+01	9.9E-04	1.0E-03	2.6E-05	1.6E-01	2.7E-01	1.1E-06
658	1.34	1.3E-06	3.0E+01	9.9E-04	1.0E-03	3.1E-05	1.6E-01	2.7E-01	1.3E-06
659	1.50	1.5E-06	3.4E+01	9.9E-04	1.0E-03	3.5E-05	1.6E-01	2.7E-01	1.5E-06
660	1.55	1.6E-06	3.5E+01	9.9E-04	1.0E-03	3.6E-05	1.6E-01	2.7E-01	1.6E-06
661	1.48	1.5E-06	3.3E+01	9.9E-04	1.0E-03	3.4E-05	1.6E-01	2.7E-01	1.5E-06
662	1.30	1.3E-06	2.9E+01	9.9E-04	1.0E-03	3.0E-05	1.6E-01	2.7E-01	1.3E-06
663	1.08	1.1E-06	2.4E+01	9.9E-04	1.0E-03	2.5E-05	1.6E-01	2.7E-01	1.1E-06
664	0.90	9.0E-07	2.0E+01	9.9E-04	1.0E-03	2.1E-05	1.6E-01	2.7E-01	9.0E-07
665	0.75	7.5E-07	1.7E+01	9.9E-04	1.0E-03	1.7E-05	1.6E-01	2.7E-01	7.5E-07
666	0.63	6.3E-07	1.4E+01	9.9E-04	1.0E-03	1.5E-05	1.6E-01	2.7E-01	6.3E-07
667	0.54	5.4E-07	1.2E+01	9.9E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-01	5.4E-07
668	0.46	4.6E-07	1.0E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-01	4.6E-07
669	0.40	4.0E-07	9.1E+00	9.9E-04	1.0E-03	9.4E-06	1.6E-01	2.7E-01	4.0E-07
670	0.35	3.5E-07	7.9E+00	9.9E-04	1.0E-03	8.2E-06	1.6E-01	2.7E-01	3.5E-07
671	0.31	3.1E-07	7.0E+00	9.9E-04	1.0E-03	7.2E-06	1.6E-01	2.7E-01	3.1E-07
672	0.28	2.8E-07	6.2E+00	9.9E-04	1.0E-03	6.4E-06	1.6E-01	2.7E-01	2.8E-07
673	0.25	2.5E-07	5.5E+00	9.9E-04	1.0E-03	5.7E-06	1.6E-01	2.7E-01	2.5E-07
674	0.22	2.2E-07	5.0E+00	9.9E-04	1.0E-03	5.1E-06	1.6E-01	2.7E-01	2.2E-07
675	0.20	2.0E-07	4.5E+00	9.9E-04	1.0E-03	4.6E-06	1.6E-01	2.7E-01	2.0E-07
676	0.18	1.8E-07	4.0E+00	9.9E-04	1.0E-03	4.2E-06	1.6E-01	2.7E-01	1.8E-07
677	0.27	2.7E-07	6.1E+00	9.9E-04	1.0E-03	6.3E-06	1.6E-01	2.7E-01	2.7E-07
678	0.32	3.2E-07	7.2E+00	9.9E-04	1.0E-03	7.5E-06	1.6E-01	2.7E-01	3.2E-07
679	0.39	3.9E-07	8.7E+00	9.9E-04	1.0E-03	9.0E-06	1.6E-01	2.7E-01	3.9E-07
680	0.47	4.7E-07	1.0E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-01	4.7E-07

681	0.57	5.7E-07	1.3E+01	9.9E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-01	5.7E-07
682	0.68	6.8E-07	1.5E+01	9.9E-04	1.0E-03	1.6E-05	1.6E-01	2.7E-01	6.8E-07
683	0.82	8.2E-07	1.8E+01	9.9E-04	1.0E-03	1.9E-05	1.6E-01	2.7E-01	8.2E-07
684	0.95	9.5E-07	2.1E+01	9.9E-04	1.0E-03	2.2E-05	1.6E-01	2.7E-01	9.5E-07
685	1.04	1.0E-06	2.3E+01	9.9E-04	1.0E-03	2.4E-05	1.6E-01	2.7E-01	1.0E-06
686	1.07	1.1E-06	2.4E+01	9.9E-04	1.0E-03	2.5E-05	1.6E-01	2.7E-01	1.1E-06
687	1.04	1.0E-06	2.3E+01	9.9E-04	1.0E-03	2.4E-05	1.6E-01	2.7E-01	1.0E-06
688	0.95	9.5E-07	2.1E+01	9.9E-04	1.0E-03	2.2E-05	1.6E-01	2.7E-01	9.5E-07
689	0.84	8.4E-07	1.9E+01	9.9E-04	1.0E-03	1.9E-05	1.6E-01	2.7E-01	8.4E-07
690	0.73	7.3E-07	1.6E+01	9.9E-04	1.0E-03	1.7E-05	1.6E-01	2.7E-01	7.3E-07
691	0.63	6.3E-07	1.4E+01	9.9E-04	1.0E-03	1.5E-05	1.6E-01	2.7E-01	6.3E-07
692	0.55	5.5E-07	1.2E+01	9.9E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-01	5.5E-07
693	0.47	4.7E-07	1.1E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-01	4.7E-07
694	0.42	4.2E-07	9.3E+00	9.9E-04	1.0E-03	9.6E-06	1.6E-01	2.7E-01	4.2E-07
695	0.36	3.6E-07	8.2E+00	9.9E-04	1.0E-03	8.5E-06	1.6E-01	2.7E-01	3.6E-07
696	0.32	3.2E-07	7.2E+00	9.9E-04	1.0E-03	7.5E-06	1.6E-01	2.7E-01	3.2E-07
697	0.29	2.9E-07	6.4E+00	9.9E-04	1.0E-03	6.6E-06	1.6E-01	2.7E-01	2.9E-07
698	0.26	2.6E-07	5.7E+00	9.9E-04	1.0E-03	5.9E-06	1.6E-01	2.7E-01	2.6E-07
699	0.23	2.3E-07	5.2E+00	9.9E-04	1.0E-03	5.3E-06	1.6E-01	2.7E-01	2.3E-07
700	0.21	2.1E-07	4.6E+00	9.9E-04	1.0E-03	4.8E-06	1.6E-01	2.7E-01	2.1E-07
701	0.19	1.9E-07	4.2E+00	9.9E-04	1.0E-03	4.3E-06	1.6E-01	2.7E-01	1.9E-07
702	0.17	1.7E-07	3.8E+00	9.9E-04	1.0E-03	3.9E-06	1.6E-01	2.7E-01	1.7E-07
703	0.24	2.4E-07	5.5E+00	9.9E-04	1.0E-03	5.7E-06	1.6E-01	2.7E-01	2.4E-07
704	0.29	2.9E-07	6.4E+00	9.9E-04	1.0E-03	6.6E-06	1.6E-01	2.7E-01	2.9E-07
705	0.34	3.4E-07	7.5E+00	9.9E-04	1.0E-03	7.8E-06	1.6E-01	2.7E-01	3.4E-07
706	0.39	3.9E-07	8.9E+00	9.9E-04	1.0E-03	9.2E-06	1.6E-01	2.7E-01	3.9E-07
707	0.47	4.7E-07	1.0E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-01	4.7E-07
708	0.55	5.5E-07	1.2E+01	9.9E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-01	5.5E-07
709	0.63	6.3E-07	1.4E+01	9.9E-04	1.0E-03	1.5E-05	1.6E-01	2.7E-01	6.3E-07
710	0.71	7.1E-07	1.6E+01	9.9E-04	1.0E-03	1.6E-05	1.6E-01	2.7E-01	7.1E-07
711	0.76	7.6E-07	1.7E+01	9.9E-04	1.0E-03	1.8E-05	1.6E-01	2.7E-01	7.6E-07
712	0.79	7.9E-07	1.8E+01	9.9E-04	1.0E-03	1.8E-05	1.6E-01	2.7E-01	7.9E-07
713	0.77	7.7E-07	1.7E+01	9.9E-04	1.0E-03	1.8E-05	1.6E-01	2.7E-01	7.7E-07
714	0.73	7.3E-07	1.6E+01	9.9E-04	1.0E-03	1.7E-05	1.6E-01	2.7E-01	7.3E-07
715	0.67	6.7E-07	1.5E+01	9.9E-04	1.0E-03	1.5E-05	1.6E-01	2.7E-01	6.7E-07
716	0.60	6.0E-07	1.3E+01	9.9E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-01	6.0E-07
717	0.53	5.3E-07	1.2E+01	9.9E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-01	5.3E-07
718	0.47	4.7E-07	1.1E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-01	4.7E-07
719	0.42	4.2E-07	9.4E+00	9.9E-04	1.0E-03	9.7E-06	1.6E-01	2.7E-01	4.2E-07
720	0.37	3.7E-07	8.3E+00	9.9E-04	1.0E-03	8.6E-06	1.6E-01	2.7E-01	3.7E-07
721	0.33	3.3E-07	7.4E+00	9.9E-04	1.0E-03	7.6E-06	1.6E-01	2.7E-01	3.3E-07
722	0.29	2.9E-07	6.6E+00	9.9E-04	1.0E-03	6.8E-06	1.6E-01	2.7E-01	2.9E-07
723	0.26	2.6E-07	5.9E+00	9.9E-04	1.0E-03	6.1E-06	1.6E-01	2.7E-01	2.6E-07
724	0.24	2.4E-07	5.3E+00	9.9E-04	1.0E-03	5.5E-06	1.6E-01	2.7E-01	2.4E-07
725	0.21	2.1E-07	4.8E+00	9.9E-04	1.0E-03	5.0E-06	1.6E-01	2.7E-01	2.1E-07
726	0.19	1.9E-07	4.4E+00	9.9E-04	1.0E-03	4.5E-06	1.6E-01	2.7E-01	1.9E-07
727	0.18	1.8E-07	4.0E+00	9.9E-04	1.0E-03	4.1E-06	1.6E-01	2.7E-01	1.8E-07
728	0.16	1.6E-07	3.6E+00	9.9E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-01	1.6E-07
729	0.22	2.2E-07	5.0E+00	9.9E-04	1.0E-03	5.1E-06	1.6E-01	2.7E-01	2.2E-07

730	0.25	2.5E-07	5.7E+00	9.9E-04	1.0E-03	5.9E-06	1.6E-01	2.7E-01	2.5E-07
731	0.29	2.9E-07	6.6E+00	9.9E-04	1.0E-03	6.8E-06	1.6E-01	2.7E-01	2.9E-07
732	0.34	3.4E-07	7.6E+00	9.9E-04	1.0E-03	7.9E-06	1.6E-01	2.7E-01	3.4E-07
733	0.39	3.9E-07	8.7E+00	9.9E-04	1.0E-03	9.0E-06	1.6E-01	2.7E-01	3.9E-07
734	0.44	4.4E-07	1.0E+01	9.9E-04	1.0E-03	1.0E-05	1.6E-01	2.7E-01	4.4E-07
735	0.50	5.0E-07	1.1E+01	9.9E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-01	5.0E-07
736	0.55	5.5E-07	1.2E+01	9.9E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-01	5.5E-07
737	0.59	5.9E-07	1.3E+01	9.9E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-01	5.9E-07
738	0.60	6.0E-07	1.4E+01	9.9E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-01	6.0E-07
739	0.60	6.0E-07	1.4E+01	9.9E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-01	6.0E-07
740	0.58	5.8E-07	1.3E+01	9.9E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-01	5.8E-07
741	0.54	5.4E-07	1.2E+01	9.9E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-01	5.4E-07
742	0.50	5.0E-07	1.1E+01	9.9E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-01	5.0E-07
743	0.45	4.5E-07	1.0E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-01	4.5E-07
744	0.41	4.1E-07	9.2E+00	9.9E-04	1.0E-03	9.5E-06	1.6E-01	2.7E-01	4.1E-07
745	0.37	3.7E-07	8.3E+00	9.9E-04	1.0E-03	8.5E-06	1.6E-01	2.7E-01	3.7E-07
746	0.33	3.3E-07	7.4E+00	9.9E-04	1.0E-03	7.7E-06	1.6E-01	2.7E-01	3.3E-07
747	0.30	3.0E-07	6.7E+00	9.9E-04	1.0E-03	6.9E-06	1.6E-01	2.7E-01	3.0E-07
748	0.27	2.7E-07	6.0E+00	9.9E-04	1.0E-03	6.2E-06	1.6E-01	2.7E-01	2.7E-07
749	0.24	2.4E-07	5.4E+00	9.9E-04	1.0E-03	5.6E-06	1.6E-01	2.7E-01	2.4E-07
750	0.22	2.2E-07	4.9E+00	9.9E-04	1.0E-03	5.1E-06	1.6E-01	2.7E-01	2.2E-07
751	0.20	2.0E-07	4.5E+00	9.9E-04	1.0E-03	4.6E-06	1.6E-01	2.7E-01	2.0E-07
752	0.18	1.8E-07	4.1E+00	9.9E-04	1.0E-03	4.2E-06	1.6E-01	2.7E-01	1.8E-07
753	0.17	1.7E-07	3.7E+00	9.9E-04	1.0E-03	3.8E-06	1.6E-01	2.7E-01	1.7E-07
754	0.15	1.5E-07	3.4E+00	9.9E-04	1.0E-03	3.5E-06	1.6E-01	2.7E-01	1.5E-07
755	0.20	2.0E-07	4.5E+00	9.9E-04	1.0E-03	4.6E-06	1.6E-01	2.7E-01	2.0E-07
756	0.23	2.3E-07	5.1E+00	9.9E-04	1.0E-03	5.2E-06	1.6E-01	2.7E-01	2.3E-07
757	0.26	2.6E-07	5.8E+00	9.9E-04	1.0E-03	6.0E-06	1.6E-01	2.7E-01	2.6E-07
758	0.29	2.9E-07	6.5E+00	9.9E-04	1.0E-03	6.8E-06	1.6E-01	2.7E-01	2.9E-07
759	0.33	3.3E-07	7.4E+00	9.9E-04	1.0E-03	7.6E-06	1.6E-01	2.7E-01	3.3E-07
760	0.37	3.7E-07	8.3E+00	9.9E-04	1.0E-03	8.6E-06	1.6E-01	2.7E-01	3.7E-07
761	0.41	4.1E-07	9.2E+00	9.9E-04	1.0E-03	9.5E-06	1.6E-01	2.7E-01	4.1E-07
762	0.44	4.4E-07	9.9E+00	9.9E-04	1.0E-03	1.0E-05	1.6E-01	2.7E-01	4.4E-07
763	0.47	4.7E-07	1.1E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-01	4.7E-07
764	0.48	4.8E-07	1.1E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-01	4.8E-07
765	0.48	4.8E-07	1.1E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-01	4.8E-07
766	0.47	4.7E-07	1.1E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-01	4.7E-07
767	0.45	4.5E-07	1.0E+01	9.9E-04	1.0E-03	1.0E-05	1.6E-01	2.7E-01	4.5E-07
768	0.42	4.2E-07	9.5E+00	9.9E-04	1.0E-03	9.8E-06	1.6E-01	2.7E-01	4.2E-07
769	0.39	3.9E-07	8.8E+00	9.9E-04	1.0E-03	9.1E-06	1.6E-01	2.7E-01	3.9E-07
770	0.36	3.6E-07	8.0E+00	9.9E-04	1.0E-03	8.3E-06	1.6E-01	2.7E-01	3.6E-07
771	0.33	3.3E-07	7.3E+00	9.9E-04	1.0E-03	7.6E-06	1.6E-01	2.7E-01	3.3E-07
772	0.30	3.0E-07	6.7E+00	9.9E-04	1.0E-03	6.9E-06	1.6E-01	2.7E-01	3.0E-07
773	0.27	2.7E-07	6.1E+00	9.9E-04	1.0E-03	6.3E-06	1.6E-01	2.7E-01	2.7E-07
774	0.24	2.4E-07	5.5E+00	9.9E-04	1.0E-03	5.7E-06	1.6E-01	2.7E-01	2.4E-07
775	0.22	2.2E-07	5.0E+00	9.9E-04	1.0E-03	5.1E-06	1.6E-01	2.7E-01	2.2E-07
776	0.20	2.0E-07	4.5E+00	9.9E-04	1.0E-03	4.7E-06	1.6E-01	2.7E-01	2.0E-07
777	0.18	1.8E-07	4.2E+00	9.9E-04	1.0E-03	4.3E-06	1.6E-01	2.7E-01	1.8E-07
778	0.17	1.7E-07	3.8E+00	9.9E-04	1.0E-03	3.9E-06	1.6E-01	2.7E-01	1.7E-07

779	0.16	1.6E-07	3.5E+00	9.9E-04	1.0E-03	3.6E-06	1.6E-01	2.7E-01	1.6E-07
780	0.14	1.4E-07	3.2E+00	9.9E-04	1.0E-03	3.3E-06	1.6E-01	2.7E-01	1.4E-07
781	0.18	1.8E-07	4.0E+00	9.9E-04	1.0E-03	4.2E-06	1.6E-01	2.7E-01	1.8E-07
782	0.20	2.0E-07	4.5E+00	9.9E-04	1.0E-03	4.7E-06	1.6E-01	2.7E-01	2.0E-07
783	0.23	2.3E-07	5.1E+00	9.9E-04	1.0E-03	5.2E-06	1.6E-01	2.7E-01	2.3E-07
784	0.25	2.5E-07	5.7E+00	9.9E-04	1.0E-03	5.9E-06	1.6E-01	2.7E-01	2.5E-07
785	0.28	2.8E-07	6.3E+00	9.9E-04	1.0E-03	6.6E-06	1.6E-01	2.7E-01	2.8E-07
786	0.31	3.1E-07	7.0E+00	9.9E-04	1.0E-03	7.2E-06	1.6E-01	2.7E-01	3.1E-07
787	0.34	3.4E-07	7.6E+00	9.9E-04	1.0E-03	7.9E-06	1.6E-01	2.7E-01	3.4E-07
788	0.36	3.6E-07	8.2E+00	9.9E-04	1.0E-03	8.5E-06	1.6E-01	2.7E-01	3.6E-07
789	0.38	3.8E-07	8.6E+00	9.9E-04	1.0E-03	8.9E-06	1.6E-01	2.7E-01	3.8E-07
790	0.39	3.9E-07	8.9E+00	9.9E-04	1.0E-03	9.2E-06	1.6E-01	2.7E-01	3.9E-07
791	0.40	4.0E-07	8.9E+00	9.9E-04	1.0E-03	9.2E-06	1.6E-01	2.7E-01	4.0E-07
792	0.39	3.9E-07	8.8E+00	9.9E-04	1.0E-03	9.1E-06	1.6E-01	2.7E-01	3.9E-07
793	0.38	3.8E-07	8.5E+00	9.9E-04	1.0E-03	8.8E-06	1.6E-01	2.7E-01	3.8E-07
794	0.36	3.6E-07	8.1E+00	9.9E-04	1.0E-03	8.4E-06	1.6E-01	2.7E-01	3.6E-07
795	0.34	3.4E-07	7.6E+00	9.9E-04	1.0E-03	7.9E-06	1.6E-01	2.7E-01	3.4E-07
796	0.31	3.1E-07	7.1E+00	9.9E-04	1.0E-03	7.3E-06	1.6E-01	2.7E-01	3.1E-07
797	0.29	2.9E-07	6.5E+00	9.9E-04	1.0E-03	6.8E-06	1.6E-01	2.7E-01	2.9E-07
798	0.27	2.7E-07	6.0E+00	9.9E-04	1.0E-03	6.2E-06	1.6E-01	2.7E-01	2.7E-07
799	0.24	2.4E-07	5.5E+00	9.9E-04	1.0E-03	5.7E-06	1.6E-01	2.7E-01	2.4E-07
800	0.22	2.2E-07	5.0E+00	9.9E-04	1.0E-03	5.2E-06	1.6E-01	2.7E-01	2.2E-07
801	0.20	2.0E-07	4.6E+00	9.9E-04	1.0E-03	4.7E-06	1.6E-01	2.7E-01	2.0E-07
802	0.19	1.9E-07	4.2E+00	9.9E-04	1.0E-03	4.4E-06	1.6E-01	2.7E-01	1.9E-07
803	0.17	1.7E-07	3.9E+00	9.9E-04	1.0E-03	4.0E-06	1.6E-01	2.7E-01	1.7E-07
804	0.16	1.6E-07	3.6E+00	9.9E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-01	1.6E-07
805	0.15	1.5E-07	3.3E+00	9.9E-04	1.0E-03	3.4E-06	1.6E-01	2.7E-01	1.5E-07
806	0.14	1.4E-07	3.0E+00	9.9E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-01	1.4E-07

Risk From Portable Set-up - Unmitigated Residential

Franklin School Project

Risk From Portable Set-up - Unmitigated Residential

	0.00	Max								
							Onsite			
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**
1	0.00	7.1E-12		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.2E-01
2	0.00	8.1E-12		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.6E-01
3	0.00	9.1E-12		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.1E-01
4	0.00	1.0E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.6E-01
5	0.00	1.1E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.1E-01
6	0.00	1.1E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.5E-01
7	0.00	1.2E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.0E-01
8	0.00	1.2E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.4E-01
9	0.00	1.2E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.9E-01
10	0.00	1.2E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.5E-01
11	0.00	1.3E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.0E-01
12	0.00	1.3E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.4E-01
13	0.00	1.3E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.5E-01
14	0.00	1.2E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.3E-01
15	0.00	1.2E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.9E-01
16	0.00	1.1E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.4E-01
17	0.00	1.1E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.8E-01
18	0.00	1.3E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.4E-01
19	0.00	1.4E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.1E-01
20	0.00	1.5E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.8E-01
21	0.00	1.7E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.6E-01
22	0.00	1.8E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.3E-01
23	0.00	1.8E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.0E-01
24	0.00	1.7E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.7E-01
25	0.00	1.7E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	9.6E-01
26	0.00	1.7E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.1E+00
27	0.00	1.8E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.1E+00
28	0.00	1.8E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.1E+00
29	0.00	1.7E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.1E+00
30	0.00	1.5E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.0E+00
31	0.00	1.4E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	9.6E-01
32	0.00	1.2E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.7E-01
33	0.00	1.1E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.4E-01
34	0.00	1.6E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.3E-01
35	0.00	1.3E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.3E-01
36	0.00	1.5E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.6E-01
37	0.00	1.7E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.9E-01
38	0.00	1.9E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.0E+00
39	0.00	2.2E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.1E+00
40	0.00	2.5E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.3E+00
41	0.00	2.5E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.4E+00
42	0.00	2.6E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.5E+00
43	0.00	2.5E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.6E+00

44	0.00	2.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.5E+00
45	0.00	2.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.4E+00
46	0.00	1.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.3E+00
47	0.00	1.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.1E+00
48	0.00	1.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	9.8E-01
49	0.00	1.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.2E-01
50	0.00	1.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.4E-01
51	0.00	1.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.1E-01
52	0.00	1.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.0E+00
53	0.00	2.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.3E+00
54	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.5E+00
55	0.00	3.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.7E+00
56	0.00	3.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.0E+00
57	0.00	4.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.3E+00
58	0.00	4.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.4E+00
59	0.00	3.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.3E+00
60	0.00	3.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.1E+00
61	0.00	2.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.8E+00
62	0.00	2.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.5E+00
63	0.00	1.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.3E+00
64	0.00	1.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.1E+00
65	0.00	1.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.0E-01
66	0.00	1.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.8E-01
67	0.00	1.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.0E+00
68	0.00	2.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.4E+00
69	0.00	3.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.9E+00
70	0.00	4.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.5E+00
71	0.00	5.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.0E+00
72	0.00	6.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.6E+00
73	0.00	7.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.9E+00
74	0.00	6.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.7E+00
75	0.00	5.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.2E+00
76	0.00	4.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.6E+00
77	0.00	3.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.1E+00
78	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.7E+00
79	0.00	1.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.4E+00
80	0.00	1.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.1E+00
81	0.00	1.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.8E-01
82	0.00	1.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	9.3E-01
83	0.00	1.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.3E+00
84	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.0E+00
85	0.00	4.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.1E+00
86	0.00	7.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.8E+00
87	0.00	1.3E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.6E+00
88	0.00	1.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.9E+00
89	0.00	1.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.2E+00
90	0.00	1.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.6E+00
91	0.00	6.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.2E+00
92	0.00	4.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.1E+00

93	0.00	3.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.3E+00
94	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.8E+00
95	0.00	1.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.4E+00
96	0.00	1.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.1E+00
97	0.00	9.7E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.5E-01
98	0.00	1.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.1E+00
99	0.00	1.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.6E+00
100	0.00	3.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.7E+00
101	0.00	6.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.2E+00
102	0.00	1.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.2E+01
103	0.00	6.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.3E+01
104	0.00	7.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.0E+01
105	0.00	2.8E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.2E+01
106	0.00	1.3E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.4E+00
107	0.00	7.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.7E+00
108	0.00	4.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.2E+00
109	0.00	3.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.3E+00
110	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.7E+00
111	0.00	1.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.3E+00
112	0.00	1.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.0E+00
113	0.00	9.2E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.9E-01
114	0.00	1.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.1E+00
115	0.00	1.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.8E+00
116	0.00	3.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.3E+00
117	0.00	6.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.6E+00
118	0.00	1.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.7E+00
119	0.00	6.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.5E+00
120	0.00	3.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.0E+00
121	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.1E+00
122	0.00	1.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.5E+00
123	0.00	1.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.1E+00
124	0.00	1.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	9.0E-01
125	0.00	8.5E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.8E-01
126	0.00	1.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.1E+00
127	0.00	1.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.8E+00
128	0.00	2.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.3E+00
129	0.00	4.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.4E+00
130	0.00	7.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.3E+00
131	0.00	4.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.7E+00
132	0.00	2.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.4E+00
133	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.7E+00
134	0.00	1.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.3E+00
135	0.00	1.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	9.9E-01
136	0.00	9.3E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.8E-01
137	0.00	7.7E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.4E-01
138	0.00	1.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.0E+00
139	0.00	1.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.6E+00
140	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.7E+00
141	0.00	3.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.0E+00

142	0.00	4.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.5E+00
143	0.00	3.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.9E+00
144	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.0E+00
145	0.00	1.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.5E+00
146	0.00	1.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.1E+00
147	0.00	1.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.6E-01
148	0.00	8.2E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.9E-01
149	0.00	6.8E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.7E-01
150	0.00	8.7E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	9.0E-01
151	0.00	1.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.3E+00
152	0.00	1.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.0E+00
153	0.00	2.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.1E+00
154	0.00	3.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.3E+00
155	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.3E+00
156	0.00	1.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.6E+00
157	0.00	1.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.2E+00
158	0.00	1.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	9.6E-01
159	0.00	9.2E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.6E-01
160	0.00	7.4E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.1E-01
161	0.00	5.9E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.9E-01
162	0.00	7.3E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.6E-01
163	0.00	9.2E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.0E+00
164	0.00	1.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.4E+00
165	0.00	1.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.1E+00
166	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.9E+00
167	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.6E+00
168	0.00	2.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.6E+00
169	0.00	2.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.1E+00
170	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.5E+00
171	0.00	2.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.9E+00
172	0.00	1.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.3E+00
173	0.00	1.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.0E+00
174	0.00	1.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.5E-01
175	0.00	8.3E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.8E-01
176	0.00	6.8E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.6E-01
177	0.00	5.1E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.1E-01
178	0.00	6.2E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.4E-01
179	0.00	7.6E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.2E-01
180	0.00	9.6E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.1E+00
181	0.00	1.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.5E+00
182	0.00	1.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.9E+00
183	0.00	1.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.2E+00
184	0.00	2.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.3E+00
185	0.00	2.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.2E+00
186	0.00	1.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.8E+00
187	0.00	1.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.5E+00
188	0.00	1.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.2E+00
189	0.00	1.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	9.0E-01
190	0.00	9.1E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.6E-01

191	0.00	7.6E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.3E-01
192	0.00	6.3E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.2E-01
193	0.00	4.5E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.4E-01
194	0.00	5.3E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.4E-01
195	0.00	6.4E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.7E-01
196	0.00	7.8E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.6E-01
197	0.00	9.6E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.1E+00
198	0.00	1.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.3E+00
199	0.00	1.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.5E+00
200	0.00	1.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.6E+00
201	0.00	1.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.5E+00
202	0.00	1.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.4E+00
203	0.00	1.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.1E+00
204	0.00	1.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	9.7E-01
205	0.00	9.2E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.0E-01
206	0.00	7.6E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.5E-01
207	0.00	6.8E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.7E-01
208	0.00	5.8E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.8E-01
209	0.00	3.9E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.8E-01
210	0.00	4.6E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.6E-01
211	0.00	5.4E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.6E-01
212	0.00	6.5E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.8E-01
213	0.00	7.7E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.3E-01
214	0.00	8.9E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	9.7E-01
215	0.00	9.9E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.1E+00
216	0.00	1.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.1E+00
217	0.00	1.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.1E+00
218	0.00	1.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.1E+00
219	0.00	1.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	9.6E-01
220	0.00	9.1E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.4E-01
221	0.00	8.1E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.2E-01
222	0.00	6.7E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.8E-01
223	0.00	5.8E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.9E-01
224	0.00	5.3E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.4E-01
225	0.00	3.5E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.4E-01
226	0.00	4.0E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.0E-01
227	0.00	4.7E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.7E-01
228	0.00	5.4E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.6E-01
229	0.00	6.3E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.5E-01
230	0.00	7.1E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.5E-01
231	0.00	7.8E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.3E-01
232	0.00	8.4E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.7E-01
233	0.00	8.6E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.7E-01
234	0.00	8.5E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.4E-01
235	0.00	8.1E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.8E-01
236	0.00	7.6E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.1E-01
237	0.00	6.9E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.2E-01
238	0.00	6.2E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.4E-01
239	0.00	5.1E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.4E-01

240	0.00	4.5E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.8E-01
241	0.00	3.1E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.9E-01
242	0.00	3.5E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.4E-01
243	0.00	4.0E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.0E-01
244	0.00	4.6E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.6E-01
245	0.00	5.2E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.3E-01
246	0.00	5.8E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.0E-01
247	0.00	6.4E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.5E-01
248	0.00	6.7E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.8E-01
249	0.00	6.9E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.9E-01
250	0.00	6.9E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.7E-01
251	0.00	6.7E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.4E-01
252	0.00	6.3E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.9E-01
253	0.00	5.9E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.4E-01
254	0.00	5.4E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.8E-01
255	0.00	4.8E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.2E-01
256	0.00	4.1E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.5E-01
257	0.00	2.7E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.6E-01
258	0.00	3.1E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.0E-01
259	0.00	3.5E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.4E-01
260	0.00	3.9E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.9E-01
261	0.00	4.4E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.4E-01
262	0.00	4.9E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.9E-01
263	0.00	5.3E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.3E-01
264	0.00	5.5E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.5E-01
265	0.00	5.7E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.6E-01
266	0.00	5.7E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.5E-01
267	0.00	5.6E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.3E-01
268	0.00	5.4E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.0E-01
269	0.00	5.1E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.6E-01
270	0.00	4.7E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.2E-01
271	0.00	4.3E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.8E-01
272	0.00	3.7E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.2E-01
273	0.00	1.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.2E+01
274	0.00	2.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.4E+01
275	0.00	2.8E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.6E+01
276	0.00	3.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.9E+01
277	0.00	4.9E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.1E+01
278	0.00	6.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.3E+01
279	0.00	7.3E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.5E+01
280	0.00	7.9E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.4E+01
281	0.00	8.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.3E+01
282	0.00	7.8E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.2E+01
283	0.00	7.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.0E+01
284	0.00	5.9E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.8E+01
285	0.00	4.9E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.7E+01
286	0.00	4.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.5E+01
287	0.00	3.3E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.3E+01
288	0.00	2.8E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.2E+01

289	0.00	2.3E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.1E+01
290	0.00	2.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	9.9E+00
291	0.00	1.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	9.0E+00
292	0.00	1.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.1E+00
293	0.00	1.3E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.4E+00
294	0.00	1.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.7E+00
295	0.00	9.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.1E+00
296	0.00	8.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.6E+00
297	0.00	7.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.1E+00
298	0.00	7.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.7E+00
299	0.00	1.9E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.4E+01
300	0.00	2.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.8E+01
301	0.00	3.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.2E+01
302	0.00	5.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.6E+01
303	0.00	1.8E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.1E+01
304	0.00	2.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.4E+01
305	0.00	3.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.5E+01
306	0.00	5.4E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.3E+01
307	0.00	5.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.0E+01
308	0.00	4.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.7E+01
309	0.00	3.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.4E+01
310	0.00	7.9E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.1E+01
311	0.00	6.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.9E+01
312	0.00	4.6E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.7E+01
313	0.00	3.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.5E+01
314	0.00	3.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.3E+01
315	0.00	2.4E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.2E+01
316	0.00	2.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.0E+01
317	0.00	1.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	9.4E+00
318	0.00	1.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.4E+00
319	0.00	1.3E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.6E+00
320	0.00	1.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.9E+00
321	0.00	9.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.2E+00
322	0.00	8.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.7E+00
323	0.00	7.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.2E+00
324	0.00	6.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.8E+00
325	0.00	2.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.8E+01
326	0.00	2.9E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.3E+01
327	0.00	4.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.9E+01
328	0.00	6.6E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.8E+01
329	0.00	2.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.8E+01
330	0.00	3.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.4E+01
331	0.00	5.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.3E+01
332	0.00	5.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.7E+01
333	0.00	4.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.0E+01
334	0.00	5.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.4E+01
335	0.00	3.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.9E+01
336	0.00	2.6E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.4E+01
337	0.00	7.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.1E+01

338	0.00	5.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.8E+01
339	0.00	3.9E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.6E+01
340	0.00	3.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.4E+01
341	0.00	2.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.2E+01
342	0.00	2.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.1E+01
343	0.00	1.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	9.7E+00
344	0.00	1.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.7E+00
345	0.00	1.3E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.8E+00
346	0.00	1.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.0E+00
347	0.00	9.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.3E+00
348	0.00	8.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.7E+00
349	0.00	7.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.2E+00
350	0.00	6.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.8E+00
351	0.00	2.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.1E+01
352	0.00	3.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.9E+01
353	0.00	4.8E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.0E+01
354	0.00	1.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.7E+01
355	0.00	2.3E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.2E+01
356	0.00	3.6E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.5E+01
357	0.00	3.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.6E+01
358	0.00	8.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.8E+01
359	0.00	6.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.2E+01
360	0.00	5.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.1E+01
361	0.00	3.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.3E+01
362	0.00	2.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.8E+01
363	0.00	7.9E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.3E+01
364	0.00	5.4E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.0E+01
365	0.00	4.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.7E+01
366	0.00	3.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.5E+01
367	0.00	2.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.3E+01
368	0.00	2.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.1E+01
369	0.00	1.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	9.9E+00
370	0.00	1.4E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.8E+00
371	0.00	1.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.8E+00
372	0.00	1.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.0E+00
373	0.00	9.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.3E+00
374	0.00	8.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.7E+00
375	0.00	7.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.2E+00
376	0.00	6.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.7E+00
377	0.00	2.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.5E+01
378	0.00	3.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.6E+01
379	0.00	4.8E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.3E+01
380	0.00	1.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.8E+01
381	0.00	2.3E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.4E+01
382	0.00	2.4E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.3E+01
383	0.00	2.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.1E+01
384	0.00	1.6E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.0E+01
385	0.00	1.4E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.8E+00
386	0.00	1.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.8E+00

387	0.00	1.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.0E+00
388	0.00	8.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.3E+00
389	0.00	7.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.6E+00
390	0.00	7.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.1E+00
391	0.00	6.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.6E+00
392	0.00	2.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.9E+01
393	0.00	3.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.2E+01
394	0.00	4.4E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.4E+01
395	0.00	1.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.2E+01
396	0.00	2.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.7E+01
397	0.00	2.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.3E+01
398	0.00	1.8E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.1E+01
399	0.00	1.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.0E+01
400	0.00	1.3E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.8E+00
401	0.00	1.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.7E+00
402	0.00	9.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.9E+00
403	0.00	8.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.1E+00
404	0.00	7.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.5E+00
405	0.00	6.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.0E+00
406	0.00	6.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.5E+00
407	0.00	1.9E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.1E+01
408	0.00	2.6E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.5E+01
409	0.00	3.6E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.1E+01
410	0.00	5.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.7E+01
411	0.00	1.8E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.0E+01
412	0.00	2.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.3E+01
413	0.00	1.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.1E+01
414	0.00	1.4E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	9.8E+00
415	0.00	1.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.6E+00
416	0.00	1.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.6E+00
417	0.00	9.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.7E+00
418	0.00	8.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.0E+00
419	0.00	7.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.4E+00
420	0.00	6.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.9E+00
421	0.00	5.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.4E+00
422	0.00	1.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.2E+01
423	0.00	2.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.7E+01
424	0.00	2.9E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.5E+01
425	0.00	3.8E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.2E+01
426	0.00	5.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.4E+01
427	0.00	1.8E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.3E+01
428	0.00	1.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.1E+01
429	0.00	1.3E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	9.5E+00
430	0.00	1.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.3E+00
431	0.00	9.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.3E+00
432	0.00	8.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.5E+00
433	0.00	7.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.8E+00
434	0.00	6.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.2E+00
435	0.00	5.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.7E+00

436	0.00	5.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.3E+00
437	0.00	1.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.2E+01
438	0.00	1.8E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.7E+01
439	0.00	2.4E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.4E+01
440	0.00	2.8E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.2E+01
441	0.00	3.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.0E+01
442	0.00	1.6E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.2E+01
443	0.00	1.3E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.1E+01
444	0.00	1.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	9.1E+00
445	0.00	1.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.0E+00
446	0.00	8.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.0E+00
447	0.00	7.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.2E+00
448	0.00	7.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.6E+00
449	0.00	6.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.0E+00
450	0.00	5.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.5E+00
451	0.00	5.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.1E+00
452	0.00	1.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.0E+01
453	0.00	1.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.5E+01
454	0.00	2.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.0E+01
455	0.00	2.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.5E+01
456	0.00	2.6E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.8E+01
457	0.00	1.4E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.2E+01
458	0.00	1.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.0E+01
459	0.00	1.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.7E+00
460	0.00	9.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.6E+00
461	0.00	8.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.7E+00
462	0.00	7.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.0E+00
463	0.00	6.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.3E+00
464	0.00	5.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.8E+00
465	0.00	5.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.3E+00
466	0.00	4.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.9E+00
467	0.00	1.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.8E+01
468	0.00	1.3E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.0E+01
469	0.00	1.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.1E+01
470	0.00	1.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.9E+01
471	0.00	2.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.0E+01
472	0.00	1.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.1E+01
473	0.00	1.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	9.3E+00
474	0.00	9.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.2E+00
475	0.00	8.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.2E+00
476	0.00	7.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.3E+00
477	0.00	6.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.7E+00
478	0.00	6.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.1E+00
479	0.00	5.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.6E+00
480	0.00	5.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.1E+00
481	0.00	4.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.7E+00
482	0.00	9.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.4E+01
483	0.00	1.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.4E+01
484	0.00	1.4E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.0E+01

485	0.00	1.4E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.6E+01
486	0.00	1.6E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.1E+01
487	0.00	1.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	9.9E+00
488	0.00	9.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.7E+00
489	0.00	8.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.6E+00
490	0.00	7.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.7E+00
491	0.00	6.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.0E+00
492	0.00	6.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.3E+00
493	0.00	5.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.8E+00
494	0.00	5.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.3E+00
495	0.00	4.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.9E+00
496	0.00	4.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.6E+00
497	0.00	7.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.0E+01
498	0.00	9.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.7E+01
499	0.00	1.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.8E+01
500	0.00	1.4E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.3E+01
501	0.00	1.3E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.0E+01
502	0.00	9.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	9.1E+00
503	0.00	8.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.0E+00
504	0.00	7.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.1E+00
505	0.00	7.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.3E+00
506	0.00	6.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.6E+00
507	0.00	5.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.0E+00
508	0.00	5.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.5E+00
509	0.00	4.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.1E+00
510	0.00	4.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.7E+00
511	0.00	4.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.4E+00
512	0.00	6.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.7E+01
513	0.00	7.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.2E+01
514	0.00	9.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.8E+01
515	0.00	1.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.6E+01
516	0.00	1.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.3E+01
517	0.00	8.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.3E+00
518	0.00	7.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.4E+00
519	0.00	7.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.5E+00
520	0.00	6.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.8E+00
521	0.00	5.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.2E+00
522	0.00	5.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.7E+00
523	0.00	4.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.3E+00
524	0.00	4.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.9E+00
525	0.00	4.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.5E+00
526	0.00	3.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.2E+00
527	0.00	6.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.4E+01
528	0.00	6.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.7E+01
529	0.00	7.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.1E+01
530	0.00	8.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.5E+01
531	0.00	9.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.8E+01
532	0.00	7.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.6E+00
533	0.00	6.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.8E+00

534	0.00	6.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.0E+00
535	0.00	5.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.4E+00
536	0.00	5.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.9E+00
537	0.00	4.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.4E+00
538	0.00	4.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.0E+00
539	0.00	4.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.7E+00
540	0.00	3.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.3E+00
541	0.00	3.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.0E+00
542	0.00	5.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.2E+01
543	0.00	5.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.4E+01
544	0.00	6.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.6E+01
545	0.00	7.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.8E+01
546	0.00	7.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.0E+01
547	0.00	6.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.9E+00
548	0.00	6.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.2E+00
549	0.00	5.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.5E+00
550	0.00	5.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.0E+00
551	0.00	4.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.5E+00
552	0.00	4.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.0E+00
553	0.00	4.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.7E+00
554	0.00	3.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.4E+00
555	0.00	3.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.1E+00
556	0.00	3.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.9E+00
557	0.00	4.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	9.6E+00
558	0.00	5.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.1E+01
559	0.00	5.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.3E+01
560	0.00	6.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.4E+01
561	0.00	6.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.5E+01
562	0.00	5.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.7E+00
563	0.00	5.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.1E+00
564	0.00	4.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.6E+00
565	0.00	4.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.1E+00
566	0.00	4.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.7E+00
567	0.00	3.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.4E+00
568	0.00	3.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.1E+00
569	0.00	3.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.9E+00
570	0.00	3.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.7E+00
571	0.00	4.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.2E+00
572	0.00	4.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	9.3E+00
573	0.00	5.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.0E+01
574	0.00	5.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.1E+01
575	0.00	5.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.2E+01
576	0.00	4.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.8E+00
577	0.00	4.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.3E+00
578	0.00	4.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.9E+00
579	0.00	3.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.6E+00
580	0.00	3.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.3E+00
581	0.00	3.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.0E+00
582	0.00	3.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.7E+00

583	0.00	2.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.5E+00
584	0.00	3.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.0E+00
585	0.00	4.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.8E+00
586	0.00	4.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.5E+00
587	0.00	4.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	9.1E+00
588	0.00	5.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	9.7E+00
589	0.00	4.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.1E+00
590	0.00	4.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.8E+00
591	0.00	3.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.5E+00
592	0.00	3.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.2E+00
593	0.00	3.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.9E+00
594	0.00	3.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.7E+00
595	0.00	2.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.4E+00
596	0.00	3.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.0E+00
597	0.00	3.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.6E+00
598	0.00	4.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.1E+00
599	0.00	4.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	7.6E+00
600	0.00	4.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	8.0E+00
601	0.00	3.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.5E+00
602	0.00	3.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.3E+00
603	0.00	3.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.0E+00
604	0.00	3.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.8E+00
605	0.00	2.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.6E+00
606	0.00	2.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.4E+00
607	0.00	3.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.2E+00
608	0.00	3.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.7E+00
609	0.00	3.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.1E+00
610	0.00	3.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.5E+00
611	0.00	4.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	6.8E+00
612	0.00	3.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.3E+00
613	0.00	3.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.1E+00
614	0.00	3.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.9E+00
615	0.00	2.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.7E+00
616	0.00	2.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.5E+00
617	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.3E+00
618	0.00	3.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.6E+00
619	0.00	3.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.9E+00
620	0.00	3.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.3E+00
621	0.00	3.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.6E+00
622	0.00	3.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.8E+00
623	0.00	3.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.1E+00
624	0.00	3.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.9E+00
625	0.00	2.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.7E+00
626	0.00	2.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.5E+00
627	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.4E+00
628	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.2E+00
629	0.00	2.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.1E+00
630	0.00	2.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.3E+00
631	0.00	3.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.6E+00

632	0.00	3.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.8E+00
633	0.00	3.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	5.0E+00
634	0.00	3.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.0E+00
635	0.00	2.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.8E+00
636	0.00	2.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.6E+00
637	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.4E+00
638	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.3E+00
639	0.00	2.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.1E+00
640	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.6E+00
641	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.8E+00
642	0.00	2.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.1E+00
643	0.00	2.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.3E+00
644	0.00	3.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.4E+00
645	0.00	2.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.8E+00
646	0.00	2.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.6E+00
647	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.5E+00
648	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.3E+00
649	0.00	2.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.2E+00
650	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.0E+00
651	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.2E+00
652	0.00	2.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.4E+00
653	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.6E+00
654	0.00	2.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.8E+00
655	0.00	2.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.9E+00
656	0.00	2.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.0E+00
657	0.00	3.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.1E+00
658	0.00	3.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.1E+00
659	0.00	3.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.1E+00
660	0.00	3.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.1E+00
661	0.00	3.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	4.0E+00
662	0.00	3.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.9E+00
663	0.00	3.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.8E+00
664	0.00	3.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.7E+00
665	0.00	3.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.6E+00
666	0.00	3.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.4E+00
667	0.00	3.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.3E+00
668	0.00	2.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.1E+00
669	0.00	2.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.9E+00
670	0.00	2.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.8E+00
671	0.00	2.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.6E+00
672	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.5E+00
673	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.3E+00
674	0.00	2.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.2E+00
675	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.1E+00
676	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.9E+00
677	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.9E+00
678	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.1E+00
679	0.00	2.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.2E+00
680	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.4E+00

681	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.5E+00
682	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.6E+00
683	0.00	2.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.7E+00
684	0.00	2.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.7E+00
685	0.00	2.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.7E+00
686	0.00	2.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.7E+00
687	0.00	2.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.6E+00
688	0.00	2.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.6E+00
689	0.00	2.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.5E+00
690	0.00	2.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.4E+00
691	0.00	2.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.3E+00
692	0.00	2.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.1E+00
693	0.00	2.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.0E+00
694	0.00	2.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.9E+00
695	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.7E+00
696	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.6E+00
697	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.5E+00
698	0.00	2.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.3E+00
699	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.2E+00
700	0.00	2.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.1E+00
701	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.0E+00
702	0.00	2.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.9E+00
703	0.00	2.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.7E+00
704	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.8E+00
705	0.00	2.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.9E+00
706	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.0E+00
707	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.1E+00
708	0.00	2.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.2E+00
709	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.3E+00
710	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.3E+00
711	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.3E+00
712	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.3E+00
713	0.00	2.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.3E+00
714	0.00	2.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.3E+00
715	0.00	2.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.2E+00
716	0.00	2.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.1E+00
717	0.00	2.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.0E+00
718	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.9E+00
719	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.8E+00
720	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.7E+00
721	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.6E+00
722	0.00	2.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.4E+00
723	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.3E+00
724	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.2E+00
725	0.00	2.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.1E+00
726	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.0E+00
727	0.00	2.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.9E+00
728	0.00	1.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.8E+00
729	0.00	1.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.4E+00

730	0.00	1.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.5E+00
731	0.00	2.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.6E+00
732	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.7E+00
733	0.00	2.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.8E+00
734	0.00	2.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.9E+00
735	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.0E+00
736	0.00	2.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.0E+00
737	0.00	2.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.0E+00
738	0.00	2.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.0E+00
739	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.0E+00
740	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	3.0E+00
741	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.9E+00
742	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.9E+00
743	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.8E+00
744	0.00	2.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.7E+00
745	0.00	2.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.6E+00
746	0.00	2.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.5E+00
747	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.4E+00
748	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.3E+00
749	0.00	2.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.2E+00
750	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.1E+00
751	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.0E+00
752	0.00	2.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.9E+00
753	0.00	1.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.8E+00
754	0.00	1.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.7E+00
755	0.00	1.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.2E+00
756	0.00	1.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.3E+00
757	0.00	1.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.4E+00
758	0.00	1.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.5E+00
759	0.00	2.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.6E+00
760	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.6E+00
761	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.7E+00
762	0.00	2.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.7E+00
763	0.00	2.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.8E+00
764	0.00	2.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.8E+00
765	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.7E+00
766	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.7E+00
767	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.7E+00
768	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.6E+00
769	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.6E+00
770	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.5E+00
771	0.00	2.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.4E+00
772	0.00	2.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.3E+00
773	0.00	2.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.2E+00
774	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.2E+00
775	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.1E+00
776	0.00	2.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.0E+00
777	0.00	1.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.9E+00
778	0.00	1.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.8E+00

779	0.00	1.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.7E+00
780	0.00	1.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.6E+00
781	0.00	1.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.0E+00
782	0.00	1.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.1E+00
783	0.00	1.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.2E+00
784	0.00	1.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.3E+00
785	0.00	1.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.4E+00
786	0.00	1.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.4E+00
787	0.00	2.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.5E+00
788	0.00	2.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.5E+00
789	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.5E+00
790	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.5E+00
791	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.5E+00
792	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.5E+00
793	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.5E+00
794	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.4E+00
795	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.4E+00
796	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.3E+00
797	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.3E+00
798	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.2E+00
799	0.00	2.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.1E+00
800	0.00	2.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	2.0E+00
801	0.00	1.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.9E+00
802	0.00	1.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.9E+00
803	0.00	1.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.8E+00
804	0.00	1.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.7E+00
805	0.00	1.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.6E+00
806	0.00	1.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.6E+00

Franklin School Project

Risk From Portable Set-up - Unmitigated Residential

Haul Route 1A							Haul Route 2A							
g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec
1.9E-07	1.0E-03	6.4E-11	1.6E-01	3.8E-02	3.8E-13	3.4E-01	6.0E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12	3.4E-01	1.2E-06
1.9E-07	1.0E-03	7.2E-11	1.6E-01	3.8E-02	4.4E-13	3.9E-01	6.0E-07	1.0E-03	2.4E-10	1.6E-01	3.8E-02	1.5E-12	3.9E-01	1.2E-06
1.9E-07	1.0E-03	8.2E-11	1.6E-01	3.8E-02	4.9E-13	4.5E-01	6.0E-07	1.0E-03	2.8E-10	1.6E-01	3.8E-02	1.7E-12	4.5E-01	1.2E-06
1.9E-07	1.0E-03	9.2E-11	1.6E-01	3.8E-02	5.5E-13	5.2E-01	6.0E-07	1.0E-03	3.2E-10	1.6E-01	3.8E-02	1.9E-12	5.2E-01	1.2E-06
1.9E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.1E-13	5.8E-01	6.0E-07	1.0E-03	3.7E-10	1.6E-01	3.8E-02	2.2E-12	5.8E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.6E-13	6.5E-01	6.0E-07	1.0E-03	4.1E-10	1.6E-01	3.8E-02	2.4E-12	6.5E-01	1.2E-06
1.9E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.1E-13	7.1E-01	6.0E-07	1.0E-03	4.4E-10	1.6E-01	3.8E-02	2.7E-12	7.1E-01	1.2E-06
1.9E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.7E-13	7.7E-01	6.0E-07	1.0E-03	4.8E-10	1.6E-01	3.8E-02	2.9E-12	7.7E-01	1.2E-06
1.9E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.3E-13	8.4E-01	6.0E-07	1.0E-03	5.3E-10	1.6E-01	3.8E-02	3.2E-12	8.4E-01	1.2E-06
1.9E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.0E-13	9.2E-01	6.0E-07	1.0E-03	5.8E-10	1.6E-01	3.8E-02	3.5E-12	9.2E-01	1.2E-06
1.9E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.6E-13	9.9E-01	6.0E-07	1.0E-03	6.2E-10	1.6E-01	3.8E-02	3.7E-12	9.9E-01	1.2E-06
1.9E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	1.0E+00	6.0E-07	1.0E-03	6.5E-10	1.6E-01	3.8E-02	3.9E-12	1.0E+00	1.2E-06
1.9E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	1.0E+00	6.0E-07	1.0E-03	6.5E-10	1.6E-01	3.8E-02	3.9E-12	1.0E+00	1.2E-06
1.9E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	1.0E+00	6.0E-07	1.0E-03	6.3E-10	1.6E-01	3.8E-02	3.8E-12	1.0E+00	1.2E-06
1.9E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.5E-13	9.5E-01	6.0E-07	1.0E-03	6.0E-10	1.6E-01	3.8E-02	3.6E-12	9.5E-01	1.2E-06
1.9E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	8.9E-13	8.8E-01	6.0E-07	1.0E-03	5.5E-10	1.6E-01	3.8E-02	3.3E-12	8.8E-01	1.2E-06
1.9E-07	1.0E-03	7.5E-11	1.6E-01	3.8E-02	4.5E-13	3.9E-01	6.0E-07	1.0E-03	2.5E-10	1.6E-01	3.8E-02	1.5E-12	3.9E-01	1.2E-06
1.9E-07	1.0E-03	8.7E-11	1.6E-01	3.8E-02	5.2E-13	4.7E-01	6.0E-07	1.0E-03	2.9E-10	1.6E-01	3.8E-02	1.8E-12	4.7E-01	1.2E-06
1.9E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.1E-13	5.5E-01	6.0E-07	1.0E-03	3.5E-10	1.6E-01	3.8E-02	2.1E-12	5.5E-01	1.2E-06
1.9E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.0E-13	6.5E-01	6.0E-07	1.0E-03	4.1E-10	1.6E-01	3.8E-02	2.5E-12	6.5E-01	1.2E-06
1.9E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.9E-13	7.6E-01	6.0E-07	1.0E-03	4.8E-10	1.6E-01	3.8E-02	2.9E-12	7.6E-01	1.2E-06
1.9E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.7E-13	8.7E-01	6.0E-07	1.0E-03	5.5E-10	1.6E-01	3.8E-02	3.3E-12	8.7E-01	1.2E-06
1.9E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.6E-13	9.7E-01	6.0E-07	1.0E-03	6.1E-10	1.6E-01	3.8E-02	3.7E-12	9.7E-01	1.2E-06
1.9E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	1.1E+00	6.0E-07	1.0E-03	6.8E-10	1.6E-01	3.8E-02	4.1E-12	1.1E+00	1.2E-06
1.9E-07	1.0E-03	1.9E-10	1.6E-01	3.8E-02	1.2E-12	1.2E+00	6.0E-07	1.0E-03	7.6E-10	1.6E-01	3.8E-02	4.6E-12	1.2E+00	1.2E-06
1.9E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12	1.3E+00	6.0E-07	1.0E-03	8.4E-10	1.6E-01	3.8E-02	5.0E-12	1.3E+00	1.2E-06
1.9E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.3E-12	1.4E+00	6.0E-07	1.0E-03	8.9E-10	1.6E-01	3.8E-02	5.4E-12	1.4E+00	1.2E-06
1.9E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.4E-12	1.4E+00	6.0E-07	1.0E-03	9.0E-10	1.6E-01	3.8E-02	5.4E-12	1.4E+00	1.2E-06
1.9E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.3E-12	1.4E+00	6.0E-07	1.0E-03	8.7E-10	1.6E-01	3.8E-02	5.2E-12	1.4E+00	1.2E-06
1.9E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12	1.3E+00	6.0E-07	1.0E-03	8.0E-10	1.6E-01	3.8E-02	4.8E-12	1.3E+00	1.2E-06
1.9E-07	1.0E-03	1.9E-10	1.6E-01	3.8E-02	1.1E-12	1.2E+00	6.0E-07	1.0E-03	7.2E-10	1.6E-01	3.8E-02	4.4E-12	1.2E+00	1.2E-06
1.9E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	1.0E+00	6.0E-07	1.0E-03	6.4E-10	1.6E-01	3.8E-02	3.9E-12	1.0E+00	1.2E-06
1.9E-07	1.0E-03	8.8E-11	1.6E-01	3.8E-02	5.3E-13	4.5E-01	6.0E-07	1.0E-03	2.9E-10	1.6E-01	3.8E-02	1.7E-12	4.5E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.3E-13	5.6E-01	6.0E-07	1.0E-03	3.5E-10	1.6E-01	3.8E-02	2.1E-12	5.6E-01	1.2E-06
1.9E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.6E-13	6.9E-01	6.0E-07	1.0E-03	4.3E-10	1.6E-01	3.8E-02	2.6E-12	6.9E-01	1.2E-06
1.9E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.1E-13	8.5E-01	6.0E-07	1.0E-03	5.3E-10	1.6E-01	3.8E-02	3.2E-12	8.5E-01	1.2E-06
1.9E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12	1.0E+00	6.0E-07	1.0E-03	6.5E-10	1.6E-01	3.8E-02	3.9E-12	1.0E+00	1.2E-06
1.9E-07	1.0E-03	2.0E-10	1.6E-01	3.8E-02	1.2E-12	1.2E+00	6.0E-07	1.0E-03	7.8E-10	1.6E-01	3.8E-02	4.7E-12	1.2E+00	1.2E-06
1.9E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12	1.4E+00	6.0E-07	1.0E-03	9.0E-10	1.6E-01	3.8E-02	5.4E-12	1.4E+00	1.2E-06
1.9E-07	1.0E-03	2.5E-10	1.6E-01	3.8E-02	1.5E-12	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.2E-12	1.6E+00	1.2E-06
1.9E-07	1.0E-03	2.8E-10	1.6E-01	3.8E-02	1.7E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.1E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	3.1E-10	1.6E-01	3.8E-02	1.8E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.8E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	3.1E-10	1.6E-01	3.8E-02	1.9E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.9E-12	2.1E+00	1.2E-06

1.9E-07	1.0E-03	3.1E-10	1.6E-01	3.8E-02	1.8E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.5E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	2.8E-10	1.6E-01	3.8E-02	1.7E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	2.5E-10	1.6E-01	3.8E-02	1.5E-12	1.6E+00	6.0E-07	1.0E-03	9.9E-10	1.6E-01	3.8E-02	6.0E-12	1.6E+00	1.2E-06
1.9E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.4E-12	1.3E+00	6.0E-07	1.0E-03	8.4E-10	1.6E-01	3.8E-02	5.1E-12	1.3E+00	1.2E-06
1.9E-07	1.0E-03	1.9E-10	1.6E-01	3.8E-02	1.2E-12	1.1E+00	6.0E-07	1.0E-03	7.1E-10	1.6E-01	3.8E-02	4.3E-12	1.1E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.2E-13	5.2E-01	6.0E-07	1.0E-03	3.3E-10	1.6E-01	3.8E-02	2.0E-12	5.2E-01	1.2E-06
1.9E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.7E-13	6.6E-01	6.0E-07	1.0E-03	4.2E-10	1.6E-01	3.8E-02	2.5E-12	6.6E-01	1.2E-06
1.9E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.7E-13	8.6E-01	6.0E-07	1.0E-03	5.4E-10	1.6E-01	3.8E-02	3.2E-12	8.6E-01	1.2E-06
1.9E-07	1.0E-03	2.0E-10	1.6E-01	3.8E-02	1.2E-12	1.1E+00	6.0E-07	1.0E-03	7.1E-10	1.6E-01	3.8E-02	4.3E-12	1.1E+00	1.2E-06
1.9E-07	1.0E-03	2.5E-10	1.6E-01	3.8E-02	1.5E-12	1.5E+00	6.0E-07	1.0E-03	9.3E-10	1.6E-01	3.8E-02	5.6E-12	1.5E+00	1.2E-06
1.9E-07	1.0E-03	3.0E-10	1.6E-01	3.8E-02	1.8E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.2E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	3.5E-10	1.6E-01	3.8E-02	2.1E-12	2.3E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.8E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	4.0E-10	1.6E-01	3.8E-02	2.4E-12	2.8E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.1E-11	2.8E+00	1.2E-06
1.9E-07	1.0E-03	4.5E-10	1.6E-01	3.8E-02	2.7E-12	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	3.2E+00	1.2E-06
1.9E-07	1.0E-03	4.7E-10	1.6E-01	3.8E-02	2.8E-12	3.4E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11	3.4E+00	1.2E-06
1.9E-07	1.0E-03	4.5E-10	1.6E-01	3.8E-02	2.7E-12	3.1E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	3.1E+00	1.2E-06
1.9E-07	1.0E-03	4.1E-10	1.6E-01	3.8E-02	2.5E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	2.7E+00	1.2E-06
1.9E-07	1.0E-03	3.5E-10	1.6E-01	3.8E-02	2.1E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.5E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	3.0E-10	1.6E-01	3.8E-02	1.8E-12	1.8E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.0E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	2.5E-10	1.6E-01	3.8E-02	1.5E-12	1.5E+00	6.0E-07	1.0E-03	9.4E-10	1.6E-01	3.8E-02	5.6E-12	1.5E+00	1.2E-06
1.9E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12	1.2E+00	6.0E-07	1.0E-03	7.6E-10	1.6E-01	3.8E-02	4.6E-12	1.2E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.2E-13	5.9E-01	6.0E-07	1.0E-03	3.7E-10	1.6E-01	3.8E-02	2.2E-12	5.9E-01	1.2E-06
1.9E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.3E-13	7.8E-01	6.0E-07	1.0E-03	4.9E-10	1.6E-01	3.8E-02	2.9E-12	7.8E-01	1.2E-06
1.9E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.2E-12	1.1E+00	6.0E-07	1.0E-03	6.7E-10	1.6E-01	3.8E-02	4.0E-12	1.1E+00	1.2E-06
1.9E-07	1.0E-03	2.8E-10	1.6E-01	3.8E-02	1.7E-12	1.5E+00	6.0E-07	1.0E-03	9.6E-10	1.6E-01	3.8E-02	5.8E-12	1.5E+00	1.2E-06
1.9E-07	1.0E-03	3.8E-10	1.6E-01	3.8E-02	2.3E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.5E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	4.9E-10	1.6E-01	3.8E-02	3.0E-12	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.2E-11	3.3E+00	1.2E-06
1.9E-07	1.0E-03	6.1E-10	1.6E-01	3.8E-02	3.6E-12	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11	4.5E+00	1.2E-06
1.9E-07	1.0E-03	7.3E-10	1.6E-01	3.8E-02	4.4E-12	5.6E+00	6.0E-07	1.0E-03	3.5E-09	1.6E-01	3.8E-02	2.1E-11	5.6E+00	1.2E-06
1.9E-07	1.0E-03	7.8E-10	1.6E-01	3.8E-02	4.7E-12	6.2E+00	6.0E-07	1.0E-03	3.9E-09	1.6E-01	3.8E-02	2.3E-11	6.2E+00	1.2E-06
1.9E-07	1.0E-03	7.4E-10	1.6E-01	3.8E-02	4.5E-12	5.6E+00	6.0E-07	1.0E-03	3.5E-09	1.6E-01	3.8E-02	2.1E-11	5.6E+00	1.2E-06
1.9E-07	1.0E-03	6.4E-10	1.6E-01	3.8E-02	3.8E-12	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11	4.5E+00	1.2E-06
1.9E-07	1.0E-03	5.2E-10	1.6E-01	3.8E-02	3.1E-12	3.4E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	3.4E+00	1.2E-06
1.9E-07	1.0E-03	4.2E-10	1.6E-01	3.8E-02	2.5E-12	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.9E-12	2.6E+00	1.2E-06
1.9E-07	1.0E-03	3.4E-10	1.6E-01	3.8E-02	2.0E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.6E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	2.7E-10	1.6E-01	3.8E-02	1.6E-12	1.5E+00	6.0E-07	1.0E-03	9.7E-10	1.6E-01	3.8E-02	5.9E-12	1.5E+00	1.2E-06
1.9E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.3E-12	1.2E+00	6.0E-07	1.0E-03	7.7E-10	1.6E-01	3.8E-02	4.6E-12	1.2E+00	1.2E-06
1.9E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.2E-13	6.5E-01	6.0E-07	1.0E-03	4.1E-10	1.6E-01	3.8E-02	2.4E-12	6.5E-01	1.2E-06
1.9E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12	8.8E-01	6.0E-07	1.0E-03	5.5E-10	1.6E-01	3.8E-02	3.3E-12	8.8E-01	1.2E-06
1.9E-07	1.0E-03	2.6E-10	1.6E-01	3.8E-02	1.6E-12	1.3E+00	6.0E-07	1.0E-03	8.1E-10	1.6E-01	3.8E-02	4.9E-12	1.3E+00	1.2E-06
1.9E-07	1.0E-03	3.9E-10	1.6E-01	3.8E-02	2.4E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.6E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	6.1E-10	1.6E-01	3.8E-02	3.7E-12	3.5E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	3.5E+00	1.2E-06
1.9E-07	1.0E-03	9.5E-10	1.6E-01	3.8E-02	5.7E-12	6.5E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	3.8E-02	2.4E-11	6.5E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.9E-12	1.1E+01	6.0E-07	1.0E-03	7.1E-09	1.6E-01	3.8E-02	4.3E-11	1.1E+01	1.2E-06
1.9E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.5E-12	1.5E+01	6.0E-07	1.0E-03	9.4E-09	1.6E-01	3.8E-02	5.6E-11	1.5E+01	1.2E-06
1.9E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.6E-12	1.3E+01	6.0E-07	1.0E-03	8.1E-09	1.6E-01	3.8E-02	4.9E-11	1.3E+01	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.7E-12	8.7E+00	6.0E-07	1.0E-03	5.5E-09	1.6E-01	3.8E-02	3.3E-11	8.7E+00	1.2E-06
1.9E-07	1.0E-03	8.3E-10	1.6E-01	3.8E-02	5.0E-12	5.7E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	3.8E-02	2.2E-11	5.7E+00	1.2E-06
1.9E-07	1.0E-03	6.1E-10	1.6E-01	3.8E-02	3.7E-12	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.5E-11	3.9E+00	1.2E-06

1.9E-07	1.0E-03	4.6E-10	1.6E-01	3.8E-02	2.8E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	2.7E+00	1.2E-06
1.9E-07	1.0E-03	3.5E-10	1.6E-01	3.8E-02	2.1E-12	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.5E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	2.7E-10	1.6E-01	3.8E-02	1.6E-12	1.5E+00	6.0E-07	1.0E-03	9.4E-10	1.6E-01	3.8E-02	5.6E-12	1.5E+00	1.2E-06
1.9E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12	1.2E+00	6.0E-07	1.0E-03	7.2E-10	1.6E-01	3.8E-02	4.4E-12	1.2E+00	1.2E-06
1.9E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.0E-13	6.8E-01	6.0E-07	1.0E-03	4.3E-10	1.6E-01	3.8E-02	2.6E-12	6.8E-01	1.2E-06
1.9E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12	9.5E-01	6.0E-07	1.0E-03	5.9E-10	1.6E-01	3.8E-02	3.6E-12	9.5E-01	1.2E-06
1.9E-07	1.0E-03	3.2E-10	1.6E-01	3.8E-02	1.9E-12	1.4E+00	6.0E-07	1.0E-03	9.1E-10	1.6E-01	3.8E-02	5.5E-12	1.4E+00	1.2E-06
1.9E-07	1.0E-03	5.4E-10	1.6E-01	3.8E-02	3.2E-12	2.5E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.3E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.2E-12	5.0E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	3.8E-02	1.9E-11	5.0E+00	1.2E-06
1.9E-07	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	1.4E+01	6.0E-07	1.0E-03	8.9E-09	1.6E-01	3.8E-02	5.4E-11	1.4E+01	1.2E-06
1.9E-07	1.0E-03	4.7E-09	1.6E-01	3.8E-02	2.8E-11	5.4E+01	6.0E-07	1.0E-03	3.4E-08	1.6E-01	3.8E-02	2.0E-10	5.4E+01	1.2E-06
1.9E-07	1.0E-03	4.0E-09	1.6E-01	3.8E-02	2.4E-11	6.1E+01	6.0E-07	1.0E-03	3.8E-08	1.6E-01	3.8E-02	2.3E-10	6.1E+01	1.2E-06
1.9E-07	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.5E-11	2.4E+01	6.0E-07	1.0E-03	1.5E-08	1.6E-01	3.8E-02	9.0E-11	2.4E+01	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.8E-12	1.1E+01	6.0E-07	1.0E-03	6.9E-09	1.6E-01	3.8E-02	4.1E-11	1.1E+01	1.2E-06
1.9E-07	1.0E-03	9.4E-10	1.6E-01	3.8E-02	5.7E-12	6.0E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	3.8E-02	2.3E-11	6.0E+00	1.2E-06
1.9E-07	1.0E-03	6.4E-10	1.6E-01	3.8E-02	3.9E-12	3.8E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.4E-11	3.8E+00	1.2E-06
1.9E-07	1.0E-03	4.5E-10	1.6E-01	3.8E-02	2.7E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.6E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	3.3E-10	1.6E-01	3.8E-02	2.0E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	2.6E-10	1.6E-01	3.8E-02	1.5E-12	1.3E+00	6.0E-07	1.0E-03	8.4E-10	1.6E-01	3.8E-02	5.1E-12	1.3E+00	1.2E-06
1.9E-07	1.0E-03	2.0E-10	1.6E-01	3.8E-02	1.2E-12	1.0E+00	6.0E-07	1.0E-03	6.5E-10	1.6E-01	3.8E-02	3.9E-12	1.0E+00	1.2E-06
1.9E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.4E-13	6.9E-01	6.0E-07	1.0E-03	4.3E-10	1.6E-01	3.8E-02	2.6E-12	6.9E-01	1.2E-06
1.9E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12	9.7E-01	6.0E-07	1.0E-03	6.1E-10	1.6E-01	3.8E-02	3.7E-12	9.7E-01	1.2E-06
1.9E-07	1.0E-03	3.6E-10	1.6E-01	3.8E-02	2.2E-12	1.5E+00	6.0E-07	1.0E-03	9.3E-10	1.6E-01	3.8E-02	5.6E-12	1.5E+00	1.2E-06
1.9E-07	1.0E-03	6.5E-10	1.6E-01	3.8E-02	3.9E-12	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.7E-12	2.6E+00	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.1E-12	5.5E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.1E-11	5.5E+00	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.3E-12	9.6E+00	6.0E-07	1.0E-03	6.0E-09	1.6E-01	3.8E-02	3.6E-11	9.6E+00	1.2E-06
1.9E-07	1.0E-03	9.0E-10	1.6E-01	3.8E-02	5.4E-12	5.1E+00	6.0E-07	1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	5.1E+00	1.2E-06
1.9E-07	1.0E-03	5.9E-10	1.6E-01	3.8E-02	3.5E-12	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	3.2E+00	1.2E-06
1.9E-07	1.0E-03	4.1E-10	1.6E-01	3.8E-02	2.5E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.1E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	3.0E-10	1.6E-01	3.8E-02	1.8E-12	1.5E+00	6.0E-07	1.0E-03	9.7E-10	1.6E-01	3.8E-02	5.8E-12	1.5E+00	1.2E-06
1.9E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12	1.2E+00	6.0E-07	1.0E-03	7.3E-10	1.6E-01	3.8E-02	4.4E-12	1.2E+00	1.2E-06
1.9E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12	9.0E-01	6.0E-07	1.0E-03	5.7E-10	1.6E-01	3.8E-02	3.4E-12	9.0E-01	1.2E-06
1.9E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.4E-13	6.6E-01	6.0E-07	1.0E-03	4.1E-10	1.6E-01	3.8E-02	2.5E-12	6.6E-01	1.2E-06
1.9E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12	9.1E-01	6.0E-07	1.0E-03	5.7E-10	1.6E-01	3.8E-02	3.5E-12	9.1E-01	1.2E-06
1.9E-07	1.0E-03	3.6E-10	1.6E-01	3.8E-02	2.1E-12	1.4E+00	6.0E-07	1.0E-03	8.5E-10	1.6E-01	3.8E-02	5.1E-12	1.4E+00	1.2E-06
1.9E-07	1.0E-03	6.5E-10	1.6E-01	3.8E-02	3.9E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.4E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.9E-12	4.1E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.5E-11	4.1E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.6E-12	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	3.8E-02	2.4E-11	6.4E+00	1.2E-06
1.9E-07	1.0E-03	7.4E-10	1.6E-01	3.8E-02	4.5E-12	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.5E-11	3.9E+00	1.2E-06
1.9E-07	1.0E-03	4.8E-10	1.6E-01	3.8E-02	2.9E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.4E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	3.5E-10	1.6E-01	3.8E-02	2.1E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.7E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	2.6E-10	1.6E-01	3.8E-02	1.5E-12	1.3E+00	6.0E-07	1.0E-03	8.2E-10	1.6E-01	3.8E-02	4.9E-12	1.3E+00	1.2E-06
1.9E-07	1.0E-03	2.0E-10	1.6E-01	3.8E-02	1.2E-12	9.9E-01	6.0E-07	1.0E-03	6.2E-10	1.6E-01	3.8E-02	3.8E-12	9.9E-01	1.2E-06
1.9E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.4E-13	7.8E-01	6.0E-07	1.0E-03	4.9E-10	1.6E-01	3.8E-02	3.0E-12	7.8E-01	1.2E-06
1.9E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	8.9E-13	6.1E-01	6.0E-07	1.0E-03	3.8E-10	1.6E-01	3.8E-02	2.3E-12	6.1E-01	1.2E-06
1.9E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12	8.2E-01	6.0E-07	1.0E-03	5.1E-10	1.6E-01	3.8E-02	3.1E-12	8.2E-01	1.2E-06
1.9E-07	1.0E-03	3.1E-10	1.6E-01	3.8E-02	1.9E-12	1.1E+00	6.0E-07	1.0E-03	7.2E-10	1.6E-01	3.8E-02	4.3E-12	1.1E+00	1.2E-06
1.9E-07	1.0E-03	5.3E-10	1.6E-01	3.8E-02	3.2E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.5E-12	1.7E+00	1.2E-06
1.9E-07	1.0E-03	9.8E-10	1.6E-01	3.8E-02	5.9E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	2.7E+00	1.2E-06

1.9E-07	1.0E-03	8.9E-10	1.6E-01	3.8E-02	5.3E-12	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11	4.2E+00	1.2E-06
1.9E-07	1.0E-03	5.7E-10	1.6E-01	3.8E-02	3.4E-12	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11	2.8E+00	1.2E-06
1.9E-07	1.0E-03	3.9E-10	1.6E-01	3.8E-02	2.4E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.5E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	2.9E-10	1.6E-01	3.8E-02	1.8E-12	1.5E+00	6.0E-07	1.0E-03	9.3E-10	1.6E-01	3.8E-02	5.6E-12	1.5E+00	1.2E-06
1.9E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.3E-12	1.1E+00	6.0E-07	1.0E-03	7.0E-10	1.6E-01	3.8E-02	4.2E-12	1.1E+00	1.2E-06
1.9E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	8.7E-01	6.0E-07	1.0E-03	5.4E-10	1.6E-01	3.8E-02	3.3E-12	8.7E-01	1.2E-06
1.9E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.2E-13	6.9E-01	6.0E-07	1.0E-03	4.3E-10	1.6E-01	3.8E-02	2.6E-12	6.9E-01	1.2E-06
1.9E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	8.1E-13	5.4E-01	6.0E-07	1.0E-03	3.4E-10	1.6E-01	3.8E-02	2.1E-12	5.4E-01	1.2E-06
1.9E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12	7.0E-01	6.0E-07	1.0E-03	4.4E-10	1.6E-01	3.8E-02	2.6E-12	7.0E-01	1.2E-06
1.9E-07	1.0E-03	2.6E-10	1.6E-01	3.8E-02	1.5E-12	9.4E-01	6.0E-07	1.0E-03	5.9E-10	1.6E-01	3.8E-02	3.5E-12	9.4E-01	1.2E-06
1.9E-07	1.0E-03	3.9E-10	1.6E-01	3.8E-02	2.3E-12	1.3E+00	6.0E-07	1.0E-03	8.2E-10	1.6E-01	3.8E-02	4.9E-12	1.3E+00	1.2E-06
1.9E-07	1.0E-03	6.2E-10	1.6E-01	3.8E-02	3.8E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.0E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	6.6E-10	1.6E-01	3.8E-02	4.0E-12	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.1E-11	3.0E+00	1.2E-06
1.9E-07	1.0E-03	4.5E-10	1.6E-01	3.8E-02	2.7E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.3E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	3.2E-10	1.6E-01	3.8E-02	1.9E-12	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.1E-12	1.6E+00	1.2E-06
1.9E-07	1.0E-03	2.5E-10	1.6E-01	3.8E-02	1.5E-12	1.3E+00	6.0E-07	1.0E-03	8.0E-10	1.6E-01	3.8E-02	4.8E-12	1.3E+00	1.2E-06
1.9E-07	1.0E-03	1.9E-10	1.6E-01	3.8E-02	1.1E-12	9.8E-01	6.0E-07	1.0E-03	6.2E-10	1.6E-01	3.8E-02	3.7E-12	9.8E-01	1.2E-06
1.9E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.1E-13	7.8E-01	6.0E-07	1.0E-03	4.9E-10	1.6E-01	3.8E-02	2.9E-12	7.8E-01	1.2E-06
1.9E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.3E-13	6.3E-01	6.0E-07	1.0E-03	3.9E-10	1.6E-01	3.8E-02	2.4E-12	6.3E-01	1.2E-06
1.9E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.0E-13	4.7E-01	6.0E-07	1.0E-03	3.0E-10	1.6E-01	3.8E-02	1.8E-12	4.7E-01	1.2E-06
1.9E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.1E-13	5.9E-01	6.0E-07	1.0E-03	3.7E-10	1.6E-01	3.8E-02	2.2E-12	5.9E-01	1.2E-06
1.9E-07	1.0E-03	2.0E-10	1.6E-01	3.8E-02	1.2E-12	7.6E-01	6.0E-07	1.0E-03	4.8E-10	1.6E-01	3.8E-02	2.9E-12	7.6E-01	1.2E-06
1.9E-07	1.0E-03	2.8E-10	1.6E-01	3.8E-02	1.7E-12	1.0E+00	6.0E-07	1.0E-03	6.3E-10	1.6E-01	3.8E-02	3.8E-12	1.0E+00	1.2E-06
1.9E-07	1.0E-03	4.2E-10	1.6E-01	3.8E-02	2.5E-12	1.4E+00	6.0E-07	1.0E-03	8.6E-10	1.6E-01	3.8E-02	5.2E-12	1.4E+00	1.2E-06
1.9E-07	1.0E-03	5.8E-10	1.6E-01	3.8E-02	3.5E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.9E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	7.1E-10	1.6E-01	3.8E-02	4.3E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.5E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	7.2E-10	1.6E-01	3.8E-02	4.4E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.3E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	6.3E-10	1.6E-01	3.8E-02	3.8E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.1E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	4.9E-10	1.6E-01	3.8E-02	3.0E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.0E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	3.7E-10	1.6E-01	3.8E-02	2.2E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.6E-12	1.7E+00	1.2E-06
1.9E-07	1.0E-03	2.7E-10	1.6E-01	3.8E-02	1.6E-12	1.3E+00	6.0E-07	1.0E-03	8.3E-10	1.6E-01	3.8E-02	5.0E-12	1.3E+00	1.2E-06
1.9E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.2E-12	1.1E+00	6.0E-07	1.0E-03	6.6E-10	1.6E-01	3.8E-02	4.0E-12	1.1E+00	1.2E-06
1.9E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	8.7E-01	6.0E-07	1.0E-03	5.5E-10	1.6E-01	3.8E-02	3.3E-12	8.7E-01	1.2E-06
1.9E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.2E-13	7.0E-01	6.0E-07	1.0E-03	4.4E-10	1.6E-01	3.8E-02	2.7E-12	7.0E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.7E-13	5.7E-01	6.0E-07	1.0E-03	3.6E-10	1.6E-01	3.8E-02	2.2E-12	5.7E-01	1.2E-06
1.9E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.1E-13	4.1E-01	6.0E-07	1.0E-03	2.6E-10	1.6E-01	3.8E-02	1.6E-12	4.1E-01	1.2E-06
1.9E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.6E-13	5.0E-01	6.0E-07	1.0E-03	3.2E-10	1.6E-01	3.8E-02	1.9E-12	5.0E-01	1.2E-06
1.9E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.8E-13	6.2E-01	6.0E-07	1.0E-03	3.9E-10	1.6E-01	3.8E-02	2.4E-12	6.2E-01	1.2E-06
1.9E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.3E-12	8.0E-01	6.0E-07	1.0E-03	5.0E-10	1.6E-01	3.8E-02	3.0E-12	8.0E-01	1.2E-06
1.9E-07	1.0E-03	2.9E-10	1.6E-01	3.8E-02	1.8E-12	1.0E+00	6.0E-07	1.0E-03	6.5E-10	1.6E-01	3.8E-02	3.9E-12	1.0E+00	1.2E-06
1.9E-07	1.0E-03	3.7E-10	1.6E-01	3.8E-02	2.3E-12	1.3E+00	6.0E-07	1.0E-03	8.1E-10	1.6E-01	3.8E-02	4.9E-12	1.3E+00	1.2E-06
1.9E-07	1.0E-03	4.4E-10	1.6E-01	3.8E-02	2.6E-12	1.5E+00	6.0E-07	1.0E-03	9.5E-10	1.6E-01	3.8E-02	5.7E-12	1.5E+00	1.2E-06
1.9E-07	1.0E-03	4.6E-10	1.6E-01	3.8E-02	2.8E-12	1.7E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.3E-12	1.7E+00	1.2E-06
1.9E-07	1.0E-03	4.3E-10	1.6E-01	3.8E-02	2.6E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.3E-12	1.7E+00	1.2E-06
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1.9E-07	1.0E-03	3.0E-10	1.6E-01	3.8E-02	1.8E-12	1.4E+00	6.0E-07	1.0E-03	8.5E-10	1.6E-01	3.8E-02	5.1E-12	1.4E+00	1.2E-06
1.9E-07	1.0E-03	2.4E-10	1.6E-01	3.8E-02	1.4E-12	1.1E+00	6.0E-07	1.0E-03	7.1E-10	1.6E-01	3.8E-02	4.3E-12	1.1E+00	1.2E-06
1.9E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12	9.0E-01	6.0E-07	1.0E-03	5.6E-10	1.6E-01	3.8E-02	3.4E-12	9.0E-01	1.2E-06
1.9E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.1E-13	7.7E-01	6.0E-07	1.0E-03	4.8E-10	1.6E-01	3.8E-02	2.9E-12	7.7E-01	1.2E-06

1.9E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.5E-13	6.4E-01	6.0E-07	1.0E-03	4.0E-10	1.6E-01	3.8E-02	2.4E-12	6.4E-01	1.2E-06
1.9E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.2E-13	5.3E-01	6.0E-07	1.0E-03	3.3E-10	1.6E-01	3.8E-02	2.0E-12	5.3E-01	1.2E-06
1.9E-07	1.0E-03	8.7E-11	1.6E-01	3.8E-02	5.3E-13	3.6E-01	6.0E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12	3.6E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.4E-13	4.3E-01	6.0E-07	1.0E-03	2.7E-10	1.6E-01	3.8E-02	1.6E-12	4.3E-01	1.2E-06
1.9E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	8.1E-13	5.3E-01	6.0E-07	1.0E-03	3.3E-10	1.6E-01	3.8E-02	2.0E-12	5.3E-01	1.2E-06
1.9E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	6.5E-01	6.0E-07	1.0E-03	4.1E-10	1.6E-01	3.8E-02	2.5E-12	6.5E-01	1.2E-06
1.9E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12	8.0E-01	6.0E-07	1.0E-03	5.0E-10	1.6E-01	3.8E-02	3.0E-12	8.0E-01	1.2E-06
1.9E-07	1.0E-03	2.6E-10	1.6E-01	3.8E-02	1.6E-12	9.6E-01	6.0E-07	1.0E-03	6.0E-10	1.6E-01	3.8E-02	3.6E-12	9.6E-01	1.2E-06
1.9E-07	1.0E-03	3.0E-10	1.6E-01	3.8E-02	1.8E-12	1.1E+00	6.0E-07	1.0E-03	6.9E-10	1.6E-01	3.8E-02	4.2E-12	1.1E+00	1.2E-06
1.9E-07	1.0E-03	3.1E-10	1.6E-01	3.8E-02	1.9E-12	1.2E+00	6.0E-07	1.0E-03	7.5E-10	1.6E-01	3.8E-02	4.5E-12	1.2E+00	1.2E-06
1.9E-07	1.0E-03	3.1E-10	1.6E-01	3.8E-02	1.8E-12	1.2E+00	6.0E-07	1.0E-03	7.6E-10	1.6E-01	3.8E-02	4.6E-12	1.2E+00	1.2E-06
1.9E-07	1.0E-03	2.7E-10	1.6E-01	3.8E-02	1.6E-12	1.2E+00	6.0E-07	1.0E-03	7.3E-10	1.6E-01	3.8E-02	4.4E-12	1.2E+00	1.2E-06
1.9E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12	1.0E+00	6.0E-07	1.0E-03	6.4E-10	1.6E-01	3.8E-02	3.9E-12	1.0E+00	1.2E-06
1.9E-07	1.0E-03	1.9E-10	1.6E-01	3.8E-02	1.2E-12	9.0E-01	6.0E-07	1.0E-03	5.7E-10	1.6E-01	3.8E-02	3.4E-12	9.0E-01	1.2E-06
1.9E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.6E-13	7.8E-01	6.0E-07	1.0E-03	4.9E-10	1.6E-01	3.8E-02	2.9E-12	7.8E-01	1.2E-06
1.9E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.7E-13	6.4E-01	6.0E-07	1.0E-03	4.0E-10	1.6E-01	3.8E-02	2.4E-12	6.4E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.8E-13	5.7E-01	6.0E-07	1.0E-03	3.6E-10	1.6E-01	3.8E-02	2.2E-12	5.7E-01	1.2E-06
1.9E-07	1.0E-03	9.5E-11	1.6E-01	3.8E-02	5.7E-13	4.9E-01	6.0E-07	1.0E-03	3.1E-10	1.6E-01	3.8E-02	1.8E-12	4.9E-01	1.2E-06
1.9E-07	1.0E-03	7.6E-11	1.6E-01	3.8E-02	4.6E-13	3.2E-01	6.0E-07	1.0E-03	2.0E-10	1.6E-01	3.8E-02	1.2E-12	3.2E-01	1.2E-06
1.9E-07	1.0E-03	9.1E-11	1.6E-01	3.8E-02	5.5E-13	3.7E-01	6.0E-07	1.0E-03	2.4E-10	1.6E-01	3.8E-02	1.4E-12	3.7E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.7E-13	4.5E-01	6.0E-07	1.0E-03	2.8E-10	1.6E-01	3.8E-02	1.7E-12	4.5E-01	1.2E-06
1.9E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.2E-13	5.3E-01	6.0E-07	1.0E-03	3.4E-10	1.6E-01	3.8E-02	2.0E-12	5.3E-01	1.2E-06
1.9E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.9E-13	6.4E-01	6.0E-07	1.0E-03	4.0E-10	1.6E-01	3.8E-02	2.4E-12	6.4E-01	1.2E-06
1.9E-07	1.0E-03	1.9E-10	1.6E-01	3.8E-02	1.2E-12	7.4E-01	6.0E-07	1.0E-03	4.7E-10	1.6E-01	3.8E-02	2.8E-12	7.4E-01	1.2E-06
1.9E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.3E-12	8.4E-01	6.0E-07	1.0E-03	5.2E-10	1.6E-01	3.8E-02	3.2E-12	8.4E-01	1.2E-06
1.9E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12	9.0E-01	6.0E-07	1.0E-03	5.6E-10	1.6E-01	3.8E-02	3.4E-12	9.0E-01	1.2E-06
1.9E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12	9.2E-01	6.0E-07	1.0E-03	5.8E-10	1.6E-01	3.8E-02	3.5E-12	9.2E-01	1.2E-06
1.9E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12	8.9E-01	6.0E-07	1.0E-03	5.6E-10	1.6E-01	3.8E-02	3.4E-12	8.9E-01	1.2E-06
1.9E-07	1.0E-03	1.9E-10	1.6E-01	3.8E-02	1.1E-12	8.4E-01	6.0E-07	1.0E-03	5.3E-10	1.6E-01	3.8E-02	3.2E-12	8.4E-01	1.2E-06
1.9E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	7.7E-01	6.0E-07	1.0E-03	4.8E-10	1.6E-01	3.8E-02	2.9E-12	7.7E-01	1.2E-06
1.9E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.6E-13	6.8E-01	6.0E-07	1.0E-03	4.3E-10	1.6E-01	3.8E-02	2.6E-12	6.8E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.9E-13	5.6E-01	6.0E-07	1.0E-03	3.5E-10	1.6E-01	3.8E-02	2.1E-12	5.6E-01	1.2E-06
1.9E-07	1.0E-03	9.7E-11	1.6E-01	3.8E-02	5.8E-13	4.9E-01	6.0E-07	1.0E-03	3.1E-10	1.6E-01	3.8E-02	1.8E-12	4.9E-01	1.2E-06
1.9E-07	1.0E-03	8.8E-11	1.6E-01	3.8E-02	5.3E-13	4.5E-01	6.0E-07	1.0E-03	2.8E-10	1.6E-01	3.8E-02	1.7E-12	4.5E-01	1.2E-06
1.9E-07	1.0E-03	6.7E-11	1.6E-01	3.8E-02	4.0E-13	2.8E-01	6.0E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12	2.8E-01	1.2E-06
1.9E-07	1.0E-03	7.9E-11	1.6E-01	3.8E-02	4.7E-13	3.3E-01	6.0E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.2E-12	3.3E-01	1.2E-06
1.9E-07	1.0E-03	9.3E-11	1.6E-01	3.8E-02	5.6E-13	3.8E-01	6.0E-07	1.0E-03	2.4E-10	1.6E-01	3.8E-02	1.4E-12	3.8E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.7E-13	4.5E-01	6.0E-07	1.0E-03	2.8E-10	1.6E-01	3.8E-02	1.7E-12	4.5E-01	1.2E-06
1.9E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.8E-13	5.2E-01	6.0E-07	1.0E-03	3.3E-10	1.6E-01	3.8E-02	2.0E-12	5.2E-01	1.2E-06
1.9E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.0E-13	5.9E-01	6.0E-07	1.0E-03	3.7E-10	1.6E-01	3.8E-02	2.2E-12	5.9E-01	1.2E-06
1.9E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.9E-13	6.6E-01	6.0E-07	1.0E-03	4.1E-10	1.6E-01	3.8E-02	2.5E-12	6.6E-01	1.2E-06
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1.9E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	7.2E-01	6.0E-07	1.0E-03	4.5E-10	1.6E-01	3.8E-02	2.7E-12	7.2E-01	1.2E-06
1.9E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	7.1E-01	6.0E-07	1.0E-03	4.5E-10	1.6E-01	3.8E-02	2.7E-12	7.1E-01	1.2E-06
1.9E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.3E-13	6.9E-01	6.0E-07	1.0E-03	4.3E-10	1.6E-01	3.8E-02	2.6E-12	6.9E-01	1.2E-06
1.9E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.4E-13	6.4E-01	6.0E-07	1.0E-03	4.0E-10	1.6E-01	3.8E-02	2.4E-12	6.4E-01	1.2E-06
1.9E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.5E-13	5.8E-01	6.0E-07	1.0E-03	3.7E-10	1.6E-01	3.8E-02	2.2E-12	5.8E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.5E-13	5.2E-01	6.0E-07	1.0E-03	3.3E-10	1.6E-01	3.8E-02	2.0E-12	5.2E-01	1.2E-06
1.9E-07	1.0E-03	8.8E-11	1.6E-01	3.8E-02	5.3E-13	4.3E-01	6.0E-07	1.0E-03	2.7E-10	1.6E-01	3.8E-02	1.6E-12	4.3E-01	1.2E-06

1.9E-07	1.0E-03	7.6E-11	1.6E-01	3.8E-02	4.6E-13	3.8E-01	6.0E-07	1.0E-03	2.4E-10	1.6E-01	3.8E-02	1.4E-12	3.8E-01	1.2E-06
1.9E-07	1.0E-03	5.8E-11	1.6E-01	3.8E-02	3.5E-13	2.5E-01	6.0E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.4E-13	2.5E-01	1.2E-06
1.9E-07	1.0E-03	6.8E-11	1.6E-01	3.8E-02	4.1E-13	2.9E-01	6.0E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12	2.9E-01	1.2E-06
1.9E-07	1.0E-03	7.9E-11	1.6E-01	3.8E-02	4.8E-13	3.3E-01	6.0E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.2E-12	3.3E-01	1.2E-06
1.9E-07	1.0E-03	9.2E-11	1.6E-01	3.8E-02	5.5E-13	3.8E-01	6.0E-07	1.0E-03	2.4E-10	1.6E-01	3.8E-02	1.4E-12	3.8E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.4E-13	4.3E-01	6.0E-07	1.0E-03	2.7E-10	1.6E-01	3.8E-02	1.6E-12	4.3E-01	1.2E-06
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1.9E-07	1.0E-03	5.2E-11	1.6E-01	3.8E-02	3.1E-13	2.2E-01	6.0E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.4E-13	2.2E-01	1.2E-06
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1.9E-07	1.0E-03	7.7E-11	1.6E-01	3.8E-02	4.7E-13	3.3E-01	6.0E-07	1.0E-03	2.0E-10	1.6E-01	3.8E-02	1.2E-12	3.3E-01	1.2E-06
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1.9E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.7E-13	4.8E-01	6.0E-07	1.0E-03	3.0E-10	1.6E-01	3.8E-02	1.8E-12	4.8E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.6E-13	4.8E-01	6.0E-07	1.0E-03	3.0E-10	1.6E-01	3.8E-02	1.8E-12	4.8E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.4E-13	4.7E-01	6.0E-07	1.0E-03	2.9E-10	1.6E-01	3.8E-02	1.8E-12	4.7E-01	1.2E-06
1.9E-07	1.0E-03	9.9E-11	1.6E-01	3.8E-02	6.0E-13	4.5E-01	6.0E-07	1.0E-03	2.8E-10	1.6E-01	3.8E-02	1.7E-12	4.5E-01	1.2E-06
1.9E-07	1.0E-03	9.2E-11	1.6E-01	3.8E-02	5.5E-13	4.3E-01	6.0E-07	1.0E-03	2.7E-10	1.6E-01	3.8E-02	1.6E-12	4.3E-01	1.2E-06
1.9E-07	1.0E-03	8.4E-11	1.6E-01	3.8E-02	5.1E-13	4.0E-01	6.0E-07	1.0E-03	2.5E-10	1.6E-01	3.8E-02	1.5E-12	4.0E-01	1.2E-06
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1.9E-07	1.0E-03	6.4E-11	1.6E-01	3.8E-02	3.8E-13	3.1E-01	6.0E-07	1.0E-03	2.0E-10	1.6E-01	3.8E-02	1.2E-12	3.1E-01	1.2E-06
1.9E-07	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	1.4E+01	6.0E-07	1.0E-03	8.9E-09	1.6E-01	3.8E-02	5.4E-11	1.4E+01	1.2E-06
1.9E-07	1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.9E-11	1.8E+01	1.2E-06
1.9E-07	1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	2.4E+01	6.0E-07	1.0E-03	1.5E-08	1.6E-01	3.8E-02	9.1E-11	2.4E+01	1.2E-06
1.9E-07	1.0E-03	3.7E-09	1.6E-01	3.8E-02	2.3E-11	3.2E+01	6.0E-07	1.0E-03	2.0E-08	1.6E-01	3.8E-02	1.2E-10	3.2E+01	1.2E-06
1.9E-07	1.0E-03	4.3E-09	1.6E-01	3.8E-02	2.6E-11	4.2E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	3.8E-02	1.6E-10	4.2E+01	1.2E-06
1.9E-07	1.0E-03	4.7E-09	1.6E-01	3.8E-02	2.8E-11	5.4E+01	6.0E-07	1.0E-03	3.4E-08	1.6E-01	3.8E-02	2.0E-10	5.4E+01	1.2E-06
1.9E-07	1.0E-03	4.9E-09	1.6E-01	3.8E-02	2.9E-11	6.3E+01	6.0E-07	1.0E-03	3.9E-08	1.6E-01	3.8E-02	2.4E-10	6.3E+01	1.2E-06
1.9E-07	1.0E-03	4.9E-09	1.6E-01	3.8E-02	2.9E-11	6.8E+01	6.0E-07	1.0E-03	4.3E-08	1.6E-01	3.8E-02	2.6E-10	6.8E+01	1.2E-06
1.9E-07	1.0E-03	4.7E-09	1.6E-01	3.8E-02	2.8E-11	7.0E+01	6.0E-07	1.0E-03	4.4E-08	1.6E-01	3.8E-02	2.6E-10	7.0E+01	1.2E-06
1.9E-07	1.0E-03	4.3E-09	1.6E-01	3.8E-02	2.6E-11	6.8E+01	6.0E-07	1.0E-03	4.2E-08	1.6E-01	3.8E-02	2.6E-10	6.8E+01	1.2E-06
1.9E-07	1.0E-03	4.0E-09	1.6E-01	3.8E-02	2.4E-11	6.1E+01	6.0E-07	1.0E-03	3.8E-08	1.6E-01	3.8E-02	2.3E-10	6.1E+01	1.2E-06
1.9E-07	1.0E-03	3.6E-09	1.6E-01	3.8E-02	2.2E-11	5.1E+01	6.0E-07	1.0E-03	3.2E-08	1.6E-01	3.8E-02	1.9E-10	5.1E+01	1.2E-06
1.9E-07	1.0E-03	3.3E-09	1.6E-01	3.8E-02	2.0E-11	4.2E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	3.8E-02	1.6E-10	4.2E+01	1.2E-06
1.9E-07	1.0E-03	3.0E-09	1.6E-01	3.8E-02	1.8E-11	3.5E+01	6.0E-07	1.0E-03	2.2E-08	1.6E-01	3.8E-02	1.3E-10	3.5E+01	1.2E-06
1.9E-07	1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	2.9E+01	6.0E-07	1.0E-03	1.8E-08	1.6E-01	3.8E-02	1.1E-10	2.9E+01	1.2E-06
1.9E-07	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.5E-11	2.4E+01	6.0E-07	1.0E-03	1.5E-08	1.6E-01	3.8E-02	9.0E-11	2.4E+01	1.2E-06

1.9E-07	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	2.0E+01	6.0E-07	1.0E-03	1.3E-08	1.6E-01	3.8E-02	7.6E-11	2.0E+01	1.2E-06
1.9E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	1.7E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.4E-11	1.7E+01	1.2E-06
1.9E-07	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11	1.5E+01	6.0E-07	1.0E-03	9.1E-09	1.6E-01	3.8E-02	5.5E-11	1.5E+01	1.2E-06
1.9E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.7E-12	1.3E+01	6.0E-07	1.0E-03	7.9E-09	1.6E-01	3.8E-02	4.8E-11	1.3E+01	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.8E-12	1.1E+01	6.0E-07	1.0E-03	6.9E-09	1.6E-01	3.8E-02	4.1E-11	1.1E+01	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.0E-12	9.6E+00	6.0E-07	1.0E-03	6.0E-09	1.6E-01	3.8E-02	3.6E-11	9.6E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.3E-12	8.5E+00	6.0E-07	1.0E-03	5.3E-09	1.6E-01	3.8E-02	3.2E-11	8.5E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.7E-12	7.5E+00	6.0E-07	1.0E-03	4.7E-09	1.6E-01	3.8E-02	2.8E-11	7.5E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.2E-12	6.7E+00	6.0E-07	1.0E-03	4.2E-09	1.6E-01	3.8E-02	2.5E-11	6.7E+00	1.2E-06
1.9E-07	1.0E-03	9.4E-10	1.6E-01	3.8E-02	5.7E-12	6.0E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	3.8E-02	2.3E-11	6.0E+00	1.2E-06
1.9E-07	1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.7E-11	1.6E+01	6.0E-07	1.0E-03	1.0E-08	1.6E-01	3.8E-02	6.1E-11	1.6E+01	1.2E-06
1.9E-07	1.0E-03	3.5E-09	1.6E-01	3.8E-02	2.1E-11	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.2E-11	2.2E+01	1.2E-06
1.9E-07	1.0E-03	4.3E-09	1.6E-01	3.8E-02	2.6E-11	3.0E+01	6.0E-07	1.0E-03	1.9E-08	1.6E-01	3.8E-02	1.1E-10	3.0E+01	1.2E-06
1.9E-07	1.0E-03	5.2E-09	1.6E-01	3.8E-02	3.1E-11	4.3E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	3.8E-02	1.6E-10	4.3E+01	1.2E-06
1.9E-07	1.0E-03	6.1E-09	1.6E-01	3.8E-02	3.7E-11	1.5E+01	6.0E-07	1.0E-03	9.6E-09	1.6E-01	3.8E-02	5.8E-11	1.5E+01	1.2E-06
1.9E-07	1.0E-03	6.8E-09	1.6E-01	3.8E-02	4.1E-11	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.2E-11	2.2E+01	1.2E-06
1.9E-07	1.0E-03	7.0E-09	1.6E-01	3.8E-02	4.2E-11	3.2E+01	6.0E-07	1.0E-03	2.0E-08	1.6E-01	3.8E-02	1.2E-10	3.2E+01	1.2E-06
1.9E-07	1.0E-03	6.6E-09	1.6E-01	3.8E-02	4.0E-11	4.6E+01	6.0E-07	1.0E-03	2.9E-08	1.6E-01	3.8E-02	1.8E-10	4.6E+01	1.2E-06
1.9E-07	1.0E-03	6.1E-09	1.6E-01	3.8E-02	3.7E-11	4.7E+01	6.0E-07	1.0E-03	3.0E-08	1.6E-01	3.8E-02	1.8E-10	4.7E+01	1.2E-06
1.9E-07	1.0E-03	5.4E-09	1.6E-01	3.8E-02	3.3E-11	3.5E+01	6.0E-07	1.0E-03	2.2E-08	1.6E-01	3.8E-02	1.3E-10	3.5E+01	1.2E-06
1.9E-07	1.0E-03	4.8E-09	1.6E-01	3.8E-02	2.9E-11	2.6E+01	6.0E-07	1.0E-03	1.7E-08	1.6E-01	3.8E-02	1.0E-10	2.6E+01	1.2E-06
1.9E-07	1.0E-03	4.2E-09	1.6E-01	3.8E-02	2.5E-11	6.8E+01	6.0E-07	1.0E-03	4.3E-08	1.6E-01	3.8E-02	2.6E-10	6.8E+01	1.2E-06
1.9E-07	1.0E-03	3.7E-09	1.6E-01	3.8E-02	2.3E-11	5.2E+01	6.0E-07	1.0E-03	3.2E-08	1.6E-01	3.8E-02	2.0E-10	5.2E+01	1.2E-06
1.9E-07	1.0E-03	3.3E-09	1.6E-01	3.8E-02	2.0E-11	4.0E+01	6.0E-07	1.0E-03	2.5E-08	1.6E-01	3.8E-02	1.5E-10	4.0E+01	1.2E-06
1.9E-07	1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.8E-11	3.2E+01	6.0E-07	1.0E-03	2.0E-08	1.6E-01	3.8E-02	1.2E-10	3.2E+01	1.2E-06
1.9E-07	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11	2.6E+01	6.0E-07	1.0E-03	1.6E-08	1.6E-01	3.8E-02	9.7E-11	2.6E+01	1.2E-06
1.9E-07	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	2.1E+01	6.0E-07	1.0E-03	1.3E-08	1.6E-01	3.8E-02	8.0E-11	2.1E+01	1.2E-06
1.9E-07	1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.7E-11	1.8E+01	1.2E-06
1.9E-07	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.1E-11	1.5E+01	6.0E-07	1.0E-03	9.4E-09	1.6E-01	3.8E-02	5.6E-11	1.5E+01	1.2E-06
1.9E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	1.3E+01	6.0E-07	1.0E-03	8.0E-09	1.6E-01	3.8E-02	4.8E-11	1.3E+01	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.1E-12	1.1E+01	6.0E-07	1.0E-03	6.9E-09	1.6E-01	3.8E-02	4.2E-11	1.1E+01	1.2E-06
1.9E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.2E-12	9.6E+00	6.0E-07	1.0E-03	6.0E-09	1.6E-01	3.8E-02	3.6E-11	9.6E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.5E-12	8.4E+00	6.0E-07	1.0E-03	5.3E-09	1.6E-01	3.8E-02	3.2E-11	8.4E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12	7.4E+00	6.0E-07	1.0E-03	4.7E-09	1.6E-01	3.8E-02	2.8E-11	7.4E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.2E-12	6.6E+00	6.0E-07	1.0E-03	4.2E-09	1.6E-01	3.8E-02	2.5E-11	6.6E+00	1.2E-06
1.9E-07	1.0E-03	9.5E-10	1.6E-01	3.8E-02	5.7E-12	5.9E+00	6.0E-07	1.0E-03	3.7E-09	1.6E-01	3.8E-02	2.2E-11	5.9E+00	1.2E-06
1.9E-07	1.0E-03	3.5E-09	1.6E-01	3.8E-02	2.1E-11	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.8E-11	1.8E+01	1.2E-06
1.9E-07	1.0E-03	4.5E-09	1.6E-01	3.8E-02	2.7E-11	2.5E+01	6.0E-07	1.0E-03	1.6E-08	1.6E-01	3.8E-02	9.4E-11	2.5E+01	1.2E-06
1.9E-07	1.0E-03	5.8E-09	1.6E-01	3.8E-02	3.5E-11	3.7E+01	6.0E-07	1.0E-03	2.3E-08	1.6E-01	3.8E-02	1.4E-10	3.7E+01	1.2E-06
1.9E-07	1.0E-03	7.6E-09	1.6E-01	3.8E-02	4.6E-11	5.7E+01	6.0E-07	1.0E-03	3.6E-08	1.6E-01	3.8E-02	2.1E-10	5.7E+01	1.2E-06
1.9E-07	1.0E-03	9.4E-09	1.6E-01	3.8E-02	5.7E-11	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.8E-11	1.8E+01	1.2E-06
1.9E-07	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.5E-11	2.7E+01	6.0E-07	1.0E-03	1.7E-08	1.6E-01	3.8E-02	1.0E-10	2.7E+01	1.2E-06
1.9E-07	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.4E-11	4.4E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	3.8E-02	1.6E-10	4.4E+01	1.2E-06
1.9E-07	1.0E-03	9.3E-09	1.6E-01	3.8E-02	5.6E-11	0.0E+00	6.0E-07	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	0.0E+00	1.2E-06
1.9E-07	1.0E-03	7.9E-09	1.6E-01	3.8E-02	4.8E-11	0.0E+00	6.0E-07	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	0.0E+00	1.2E-06
1.9E-07	1.0E-03	6.7E-09	1.6E-01	3.8E-02	4.0E-11	4.3E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	3.8E-02	1.6E-10	4.3E+01	1.2E-06
1.9E-07	1.0E-03	5.7E-09	1.6E-01	3.8E-02	3.4E-11	3.0E+01	6.0E-07	1.0E-03	1.9E-08	1.6E-01	3.8E-02	1.1E-10	3.0E+01	1.2E-06
1.9E-07	1.0E-03	4.9E-09	1.6E-01	3.8E-02	2.9E-11	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.5E-11	2.2E+01	1.2E-06
1.9E-07	1.0E-03	4.2E-09	1.6E-01	3.8E-02	2.5E-11	6.1E+01	6.0E-07	1.0E-03	3.9E-08	1.6E-01	3.8E-02	2.3E-10	6.1E+01	1.2E-06

1.9E-07	1.0E-03	3.6E-09	1.6E-01	3.8E-02	2.2E-11	4.4E+01	6.0E-07	1.0E-03	2.8E-08	1.6E-01	3.8E-02	1.7E-10	4.4E+01	1.2E-06
1.9E-07	1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	3.4E+01	6.0E-07	1.0E-03	2.1E-08	1.6E-01	3.8E-02	1.3E-10	3.4E+01	1.2E-06
1.9E-07	1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11	2.7E+01	6.0E-07	1.0E-03	1.7E-08	1.6E-01	3.8E-02	1.0E-10	2.7E+01	1.2E-06
1.9E-07	1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.2E-11	2.2E+01	1.2E-06
1.9E-07	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.7E-11	1.8E+01	1.2E-06
1.9E-07	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.2E-11	1.5E+01	6.0E-07	1.0E-03	9.4E-09	1.6E-01	3.8E-02	5.6E-11	1.5E+01	1.2E-06
1.9E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	1.3E+01	6.0E-07	1.0E-03	7.9E-09	1.6E-01	3.8E-02	4.8E-11	1.3E+01	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.3E-12	1.1E+01	6.0E-07	1.0E-03	6.8E-09	1.6E-01	3.8E-02	4.1E-11	1.1E+01	1.2E-06
1.9E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.4E-12	9.4E+00	6.0E-07	1.0E-03	5.9E-09	1.6E-01	3.8E-02	3.6E-11	9.4E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.6E-12	8.2E+00	6.0E-07	1.0E-03	5.2E-09	1.6E-01	3.8E-02	3.1E-11	8.2E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12	7.3E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	3.8E-02	2.8E-11	7.3E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.2E-12	6.5E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	3.8E-02	2.4E-11	6.5E+00	1.2E-06
1.9E-07	1.0E-03	9.4E-10	1.6E-01	3.8E-02	5.7E-12	5.8E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	3.8E-02	2.2E-11	5.8E+00	1.2E-06
1.9E-07	1.0E-03	4.2E-09	1.6E-01	3.8E-02	2.6E-11	1.9E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.2E-11	1.9E+01	1.2E-06
1.9E-07	1.0E-03	5.7E-09	1.6E-01	3.8E-02	3.5E-11	2.7E+01	6.0E-07	1.0E-03	1.7E-08	1.6E-01	3.8E-02	1.0E-10	2.7E+01	1.2E-06
1.9E-07	1.0E-03	8.0E-09	1.6E-01	3.8E-02	4.8E-11	4.1E+01	6.0E-07	1.0E-03	2.6E-08	1.6E-01	3.8E-02	1.6E-10	4.1E+01	1.2E-06
1.9E-07	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.9E-11	1.3E+01	6.0E-07	1.0E-03	8.2E-09	1.6E-01	3.8E-02	5.0E-11	1.3E+01	1.2E-06
1.9E-07	1.0E-03	4.5E-09	1.6E-01	3.8E-02	2.7E-11	2.0E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.5E-11	2.0E+01	1.2E-06
1.9E-07	1.0E-03	4.9E-09	1.6E-01	3.8E-02	3.0E-11	3.1E+01	6.0E-07	1.0E-03	2.0E-08	1.6E-01	3.8E-02	1.2E-10	3.1E+01	1.2E-06
1.9E-07	1.0E-03	5.1E-09	1.6E-01	3.8E-02	3.1E-11	0.0E+00	6.0E-07	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	0.0E+00	1.2E-06
1.9E-07	1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.1E-11	0.0E+00	6.0E-07	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	0.0E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-08	1.6E-01	3.8E-02	6.2E-11	0.0E+00	6.0E-07	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	0.0E+00	1.2E-06
1.9E-07	1.0E-03	8.1E-09	1.6E-01	3.8E-02	4.9E-11	5.0E+01	6.0E-07	1.0E-03	3.1E-08	1.6E-01	3.8E-02	1.9E-10	5.0E+01	1.2E-06
1.9E-07	1.0E-03	6.6E-09	1.6E-01	3.8E-02	4.0E-11	3.2E+01	6.0E-07	1.0E-03	2.0E-08	1.6E-01	3.8E-02	1.2E-10	3.2E+01	1.2E-06
1.9E-07	1.0E-03	5.5E-09	1.6E-01	3.8E-02	3.3E-11	2.3E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.7E-11	2.3E+01	1.2E-06
1.9E-07	1.0E-03	4.6E-09	1.6E-01	3.8E-02	2.8E-11	6.8E+01	6.0E-07	1.0E-03	4.3E-08	1.6E-01	3.8E-02	2.6E-10	6.8E+01	1.2E-06
1.9E-07	1.0E-03	3.9E-09	1.6E-01	3.8E-02	2.4E-11	4.6E+01	6.0E-07	1.0E-03	2.9E-08	1.6E-01	3.8E-02	1.8E-10	4.6E+01	1.2E-06
1.9E-07	1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.0E-11	3.4E+01	6.0E-07	1.0E-03	2.2E-08	1.6E-01	3.8E-02	1.3E-10	3.4E+01	1.2E-06
1.9E-07	1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.8E-11	2.7E+01	6.0E-07	1.0E-03	1.7E-08	1.6E-01	3.8E-02	1.0E-10	2.7E+01	1.2E-06
1.9E-07	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.5E-11	2.1E+01	6.0E-07	1.0E-03	1.3E-08	1.6E-01	3.8E-02	8.1E-11	2.1E+01	1.2E-06
1.9E-07	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.6E-11	1.8E+01	1.2E-06
1.9E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	1.5E+01	6.0E-07	1.0E-03	9.2E-09	1.6E-01	3.8E-02	5.5E-11	1.5E+01	1.2E-06
1.9E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.1E-11	1.2E+01	6.0E-07	1.0E-03	7.8E-09	1.6E-01	3.8E-02	4.7E-11	1.2E+01	1.2E-06
1.9E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.4E-12	1.1E+01	6.0E-07	1.0E-03	6.6E-09	1.6E-01	3.8E-02	4.0E-11	1.1E+01	1.2E-06
1.9E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.4E-12	9.2E+00	6.0E-07	1.0E-03	5.7E-09	1.6E-01	3.8E-02	3.5E-11	9.2E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.6E-12	8.0E+00	6.0E-07	1.0E-03	5.0E-09	1.6E-01	3.8E-02	3.0E-11	8.0E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12	7.0E+00	6.0E-07	1.0E-03	4.4E-09	1.6E-01	3.8E-02	2.7E-11	7.0E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.2E-12	6.3E+00	6.0E-07	1.0E-03	3.9E-09	1.6E-01	3.8E-02	2.4E-11	6.3E+00	1.2E-06
1.9E-07	1.0E-03	9.4E-10	1.6E-01	3.8E-02	5.6E-12	5.6E+00	6.0E-07	1.0E-03	3.5E-09	1.6E-01	3.8E-02	2.1E-11	5.6E+00	1.2E-06
1.9E-07	1.0E-03	5.0E-09	1.6E-01	3.8E-02	3.0E-11	1.9E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.2E-11	1.9E+01	1.2E-06
1.9E-07	1.0E-03	7.1E-09	1.6E-01	3.8E-02	4.3E-11	2.7E+01	6.0E-07	1.0E-03	1.7E-08	1.6E-01	3.8E-02	1.0E-10	2.7E+01	1.2E-06
1.9E-07	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.3E-11	4.2E+01	6.0E-07	1.0E-03	2.6E-08	1.6E-01	3.8E-02	1.6E-10	4.2E+01	1.2E-06
1.9E-07	1.0E-03	5.5E-09	1.6E-01	3.8E-02	3.3E-11	1.3E+01	6.0E-07	1.0E-03	8.3E-09	1.6E-01	3.8E-02	5.0E-11	1.3E+01	1.2E-06
1.9E-07	1.0E-03	6.8E-09	1.6E-01	3.8E-02	4.1E-11	2.0E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.5E-11	2.0E+01	1.2E-06
1.9E-07	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11	2.1E+01	6.0E-07	1.0E-03	1.3E-08	1.6E-01	3.8E-02	7.8E-11	2.1E+01	1.2E-06
1.9E-07	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	1.7E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.4E-11	1.7E+01	1.2E-06
1.9E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	1.4E+01	6.0E-07	1.0E-03	8.8E-09	1.6E-01	3.8E-02	5.3E-11	1.4E+01	1.2E-06
1.9E-07	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11	1.2E+01	6.0E-07	1.0E-03	7.4E-09	1.6E-01	3.8E-02	4.5E-11	1.2E+01	1.2E-06
1.9E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.4E-12	1.0E+01	6.0E-07	1.0E-03	6.4E-09	1.6E-01	3.8E-02	3.8E-11	1.0E+01	1.2E-06

1.9E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.4E-12	8.8E+00	6.0E-07	1.0E-03	5.5E-09	1.6E-01	3.8E-02	3.3E-11	8.8E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.5E-12	7.7E+00	6.0E-07	1.0E-03	4.8E-09	1.6E-01	3.8E-02	2.9E-11	7.7E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12	6.8E+00	6.0E-07	1.0E-03	4.2E-09	1.6E-01	3.8E-02	2.6E-11	6.8E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.1E-12	6.0E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	3.8E-02	2.3E-11	6.0E+00	1.2E-06
1.9E-07	1.0E-03	9.2E-10	1.6E-01	3.8E-02	5.6E-12	5.4E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.0E-11	5.4E+00	1.2E-06
1.9E-07	1.0E-03	5.7E-09	1.6E-01	3.8E-02	3.4E-11	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.9E-11	1.8E+01	1.2E-06
1.9E-07	1.0E-03	8.3E-09	1.6E-01	3.8E-02	5.0E-11	2.6E+01	6.0E-07	1.0E-03	1.6E-08	1.6E-01	3.8E-02	9.6E-11	2.6E+01	1.2E-06
1.9E-07	1.0E-03	1.3E-08	1.6E-01	3.8E-02	7.7E-11	3.8E+01	6.0E-07	1.0E-03	2.4E-08	1.6E-01	3.8E-02	1.4E-10	3.8E+01	1.2E-06
1.9E-07	1.0E-03	8.4E-09	1.6E-01	3.8E-02	5.0E-11	1.2E+01	6.0E-07	1.0E-03	7.8E-09	1.6E-01	3.8E-02	4.7E-11	1.2E+01	1.2E-06
1.9E-07	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.8E-11	1.8E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.0E-11	1.8E+01	1.2E-06
1.9E-07	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11	1.9E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.2E-11	1.9E+01	1.2E-06
1.9E-07	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	1.6E+01	6.0E-07	1.0E-03	9.9E-09	1.6E-01	3.8E-02	5.9E-11	1.6E+01	1.2E-06
1.9E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	1.3E+01	6.0E-07	1.0E-03	8.3E-09	1.6E-01	3.8E-02	5.0E-11	1.3E+01	1.2E-06
1.9E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	1.1E+01	6.0E-07	1.0E-03	7.0E-09	1.6E-01	3.8E-02	4.2E-11	1.1E+01	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.3E-12	9.6E+00	6.0E-07	1.0E-03	6.0E-09	1.6E-01	3.8E-02	3.6E-11	9.6E+00	1.2E-06
1.9E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.2E-12	8.3E+00	6.0E-07	1.0E-03	5.2E-09	1.6E-01	3.8E-02	3.1E-11	8.3E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.4E-12	7.3E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	3.8E-02	2.8E-11	7.3E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.6E-12	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	3.8E-02	2.4E-11	6.4E+00	1.2E-06
1.9E-07	1.0E-03	9.9E-10	1.6E-01	3.8E-02	6.0E-12	5.7E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	3.8E-02	2.2E-11	5.7E+00	1.2E-06
1.9E-07	1.0E-03	9.0E-10	1.6E-01	3.8E-02	5.4E-12	5.1E+00	6.0E-07	1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	5.1E+00	1.2E-06
1.9E-07	1.0E-03	6.2E-09	1.6E-01	3.8E-02	3.7E-11	1.6E+01	6.0E-07	1.0E-03	1.0E-08	1.6E-01	3.8E-02	6.2E-11	1.6E+01	1.2E-06
1.9E-07	1.0E-03	9.0E-09	1.6E-01	3.8E-02	5.4E-11	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.4E-11	2.2E+01	1.2E-06
1.9E-07	1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.5E-11	3.1E+01	6.0E-07	1.0E-03	1.9E-08	1.6E-01	3.8E-02	1.2E-10	3.1E+01	1.2E-06
1.9E-07	1.0E-03	3.3E-09	1.6E-01	3.8E-02	2.0E-11	4.5E+01	6.0E-07	1.0E-03	2.8E-08	1.6E-01	3.8E-02	1.7E-10	4.5E+01	1.2E-06
1.9E-07	1.0E-03	4.0E-09	1.6E-01	3.8E-02	2.4E-11	1.5E+01	6.0E-07	1.0E-03	9.6E-09	1.6E-01	3.8E-02	5.8E-11	1.5E+01	1.2E-06
1.9E-07	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11	1.7E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.5E-11	1.7E+01	1.2E-06
1.9E-07	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.4E-11	1.4E+01	6.0E-07	1.0E-03	9.0E-09	1.6E-01	3.8E-02	5.4E-11	1.4E+01	1.2E-06
1.9E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	1.2E+01	6.0E-07	1.0E-03	7.6E-09	1.6E-01	3.8E-02	4.6E-11	1.2E+01	1.2E-06
1.9E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	1.0E+01	6.0E-07	1.0E-03	6.5E-09	1.6E-01	3.8E-02	3.9E-11	1.0E+01	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.1E-12	9.0E+00	6.0E-07	1.0E-03	5.6E-09	1.6E-01	3.8E-02	3.4E-11	9.0E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.1E-12	7.8E+00	6.0E-07	1.0E-03	4.9E-09	1.6E-01	3.8E-02	3.0E-11	7.8E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.2E-12	6.9E+00	6.0E-07	1.0E-03	4.3E-09	1.6E-01	3.8E-02	2.6E-11	6.9E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.4E-12	6.1E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	3.8E-02	2.3E-11	6.1E+00	1.2E-06
1.9E-07	1.0E-03	9.6E-10	1.6E-01	3.8E-02	5.8E-12	5.4E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.0E-11	5.4E+00	1.2E-06
1.9E-07	1.0E-03	8.8E-10	1.6E-01	3.8E-02	5.3E-12	4.9E+00	6.0E-07	1.0E-03	3.0E-09	1.6E-01	3.8E-02	1.8E-11	4.9E+00	1.2E-06
1.9E-07	1.0E-03	6.4E-09	1.6E-01	3.8E-02	3.8E-11	1.5E+01	6.0E-07	1.0E-03	9.1E-09	1.6E-01	3.8E-02	5.5E-11	1.5E+01	1.2E-06
1.9E-07	1.0E-03	9.4E-09	1.6E-01	3.8E-02	5.7E-11	1.9E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.1E-11	1.9E+01	1.2E-06
1.9E-07	1.0E-03	1.5E-08	1.6E-01	3.8E-02	8.9E-11	2.5E+01	6.0E-07	1.0E-03	1.6E-08	1.6E-01	3.8E-02	9.3E-11	2.5E+01	1.2E-06
1.9E-07	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.5E-11	3.3E+01	6.0E-07	1.0E-03	2.1E-08	1.6E-01	3.8E-02	1.2E-10	3.3E+01	1.2E-06
1.9E-07	1.0E-03	6.7E-09	1.6E-01	3.8E-02	4.0E-11	4.4E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	3.8E-02	1.7E-10	4.4E+01	1.2E-06
1.9E-07	1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11	1.5E+01	6.0E-07	1.0E-03	9.6E-09	1.6E-01	3.8E-02	5.8E-11	1.5E+01	1.2E-06
1.9E-07	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	1.3E+01	6.0E-07	1.0E-03	8.1E-09	1.6E-01	3.8E-02	4.9E-11	1.3E+01	1.2E-06
1.9E-07	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.1E-11	1.1E+01	6.0E-07	1.0E-03	7.0E-09	1.6E-01	3.8E-02	4.2E-11	1.1E+01	1.2E-06
1.9E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	9.6E+00	6.0E-07	1.0E-03	6.0E-09	1.6E-01	3.8E-02	3.6E-11	9.6E+00	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.8E-12	8.3E+00	6.0E-07	1.0E-03	5.2E-09	1.6E-01	3.8E-02	3.1E-11	8.3E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.8E-12	7.3E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	3.8E-02	2.8E-11	7.3E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.0E-12	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	3.8E-02	2.4E-11	6.4E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.2E-12	5.7E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	3.8E-02	2.2E-11	5.7E+00	1.2E-06
1.9E-07	1.0E-03	9.3E-10	1.6E-01	3.8E-02	5.6E-12	5.1E+00	6.0E-07	1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	5.1E+00	1.2E-06

1.9E-07	1.0E-03	8.5E-10	1.6E-01	3.8E-02	5.1E-12	4.6E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.7E-11	4.6E+00	1.2E-06
1.9E-07	1.0E-03	6.3E-09	1.6E-01	3.8E-02	3.8E-11	1.3E+01	6.0E-07	1.0E-03	7.9E-09	1.6E-01	3.8E-02	4.7E-11	1.3E+01	1.2E-06
1.9E-07	1.0E-03	9.4E-09	1.6E-01	3.8E-02	5.6E-11	1.6E+01	6.0E-07	1.0E-03	9.8E-09	1.6E-01	3.8E-02	5.9E-11	1.6E+01	1.2E-06
1.9E-07	1.0E-03	1.5E-08	1.6E-01	3.8E-02	8.9E-11	2.0E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.4E-11	2.0E+01	1.2E-06
1.9E-07	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.5E-11	2.4E+01	6.0E-07	1.0E-03	1.5E-08	1.6E-01	3.8E-02	9.2E-11	2.4E+01	1.2E-06
1.9E-07	1.0E-03	5.9E-09	1.6E-01	3.8E-02	3.6E-11	3.0E+01	6.0E-07	1.0E-03	1.9E-08	1.6E-01	3.8E-02	1.2E-10	3.0E+01	1.2E-06
1.9E-07	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.5E-11	1.3E+01	6.0E-07	1.0E-03	8.4E-09	1.6E-01	3.8E-02	5.1E-11	1.3E+01	1.2E-06
1.9E-07	1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11	1.2E+01	6.0E-07	1.0E-03	7.3E-09	1.6E-01	3.8E-02	4.4E-11	1.2E+01	1.2E-06
1.9E-07	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11	1.0E+01	6.0E-07	1.0E-03	6.3E-09	1.6E-01	3.8E-02	3.8E-11	1.0E+01	1.2E-06
1.9E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.6E-12	8.7E+00	6.0E-07	1.0E-03	5.5E-09	1.6E-01	3.8E-02	3.3E-11	8.7E+00	1.2E-06
1.9E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.4E-12	7.7E+00	6.0E-07	1.0E-03	4.8E-09	1.6E-01	3.8E-02	2.9E-11	7.7E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.5E-12	6.8E+00	6.0E-07	1.0E-03	4.2E-09	1.6E-01	3.8E-02	2.6E-11	6.8E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.7E-12	6.0E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	3.8E-02	2.3E-11	6.0E+00	1.2E-06
1.9E-07	1.0E-03	9.9E-10	1.6E-01	3.8E-02	6.0E-12	5.3E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.0E-11	5.3E+00	1.2E-06
1.9E-07	1.0E-03	9.0E-10	1.6E-01	3.8E-02	5.4E-12	4.8E+00	6.0E-07	1.0E-03	3.0E-09	1.6E-01	3.8E-02	1.8E-11	4.8E+00	1.2E-06
1.9E-07	1.0E-03	8.1E-10	1.6E-01	3.8E-02	4.9E-12	4.3E+00	6.0E-07	1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	4.3E+00	1.2E-06
1.9E-07	1.0E-03	6.0E-09	1.6E-01	3.8E-02	3.6E-11	1.1E+01	6.0E-07	1.0E-03	6.7E-09	1.6E-01	3.8E-02	4.0E-11	1.1E+01	1.2E-06
1.9E-07	1.0E-03	8.9E-09	1.6E-01	3.8E-02	5.3E-11	1.3E+01	6.0E-07	1.0E-03	8.1E-09	1.6E-01	3.8E-02	4.9E-11	1.3E+01	1.2E-06
1.9E-07	1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.3E-11	1.6E+01	6.0E-07	1.0E-03	9.9E-09	1.6E-01	3.8E-02	5.9E-11	1.6E+01	1.2E-06
1.9E-07	1.0E-03	3.0E-09	1.6E-01	3.8E-02	1.8E-11	1.9E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.1E-11	1.9E+01	1.2E-06
1.9E-07	1.0E-03	3.5E-09	1.6E-01	3.8E-02	2.1E-11	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.5E-11	2.2E+01	1.2E-06
1.9E-07	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	1.2E+01	6.0E-07	1.0E-03	7.4E-09	1.6E-01	3.8E-02	4.4E-11	1.2E+01	1.2E-06
1.9E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	1.0E+01	6.0E-07	1.0E-03	6.5E-09	1.6E-01	3.8E-02	3.9E-11	1.0E+01	1.2E-06
1.9E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	9.0E+00	6.0E-07	1.0E-03	5.7E-09	1.6E-01	3.8E-02	3.4E-11	9.0E+00	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.1E-12	7.9E+00	6.0E-07	1.0E-03	5.0E-09	1.6E-01	3.8E-02	3.0E-11	7.9E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.0E-12	7.0E+00	6.0E-07	1.0E-03	4.4E-09	1.6E-01	3.8E-02	2.7E-11	7.0E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.1E-12	6.2E+00	6.0E-07	1.0E-03	3.9E-09	1.6E-01	3.8E-02	2.4E-11	6.2E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.4E-12	5.6E+00	6.0E-07	1.0E-03	3.5E-09	1.6E-01	3.8E-02	2.1E-11	5.6E+00	1.2E-06
1.9E-07	1.0E-03	9.5E-10	1.6E-01	3.8E-02	5.7E-12	5.0E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	3.8E-02	1.9E-11	5.0E+00	1.2E-06
1.9E-07	1.0E-03	8.6E-10	1.6E-01	3.8E-02	5.2E-12	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11	4.5E+00	1.2E-06
1.9E-07	1.0E-03	7.8E-10	1.6E-01	3.8E-02	4.7E-12	4.1E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.5E-11	4.1E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-09	1.6E-01	3.8E-02	3.3E-11	9.1E+00	6.0E-07	1.0E-03	5.7E-09	1.6E-01	3.8E-02	3.4E-11	9.1E+00	1.2E-06
1.9E-07	1.0E-03	7.9E-09	1.6E-01	3.8E-02	4.8E-11	1.1E+01	6.0E-07	1.0E-03	6.7E-09	1.6E-01	3.8E-02	4.0E-11	1.1E+01	1.2E-06
1.9E-07	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.3E-11	1.3E+01	6.0E-07	1.0E-03	7.9E-09	1.6E-01	3.8E-02	4.8E-11	1.3E+01	1.2E-06
1.9E-07	1.0E-03	7.7E-09	1.6E-01	3.8E-02	4.6E-11	1.5E+01	6.0E-07	1.0E-03	9.3E-09	1.6E-01	3.8E-02	5.6E-11	1.5E+01	1.2E-06
1.9E-07	1.0E-03	1.0E-08	1.6E-01	3.8E-02	6.0E-11	1.7E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.5E-11	1.7E+01	1.2E-06
1.9E-07	1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11	1.0E+01	6.0E-07	1.0E-03	6.5E-09	1.6E-01	3.8E-02	3.9E-11	1.0E+01	1.2E-06
1.9E-07	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.1E-11	9.1E+00	6.0E-07	1.0E-03	5.7E-09	1.6E-01	3.8E-02	3.5E-11	9.1E+00	1.2E-06
1.9E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.8E-12	8.1E+00	6.0E-07	1.0E-03	5.1E-09	1.6E-01	3.8E-02	3.1E-11	8.1E+00	1.2E-06
1.9E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.6E-12	7.2E+00	6.0E-07	1.0E-03	4.5E-09	1.6E-01	3.8E-02	2.7E-11	7.2E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.6E-12	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	3.8E-02	2.4E-11	6.4E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12	5.8E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	3.8E-02	2.2E-11	5.8E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.1E-12	5.2E+00	6.0E-07	1.0E-03	3.3E-09	1.6E-01	3.8E-02	2.0E-11	5.2E+00	1.2E-06
1.9E-07	1.0E-03	9.1E-10	1.6E-01	3.8E-02	5.5E-12	4.7E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.8E-11	4.7E+00	1.2E-06
1.9E-07	1.0E-03	8.2E-10	1.6E-01	3.8E-02	5.0E-12	4.2E+00	6.0E-07	1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	4.2E+00	1.2E-06
1.9E-07	1.0E-03	7.4E-10	1.6E-01	3.8E-02	4.5E-12	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.5E-11	3.9E+00	1.2E-06
1.9E-07	1.0E-03	4.8E-09	1.6E-01	3.8E-02	2.9E-11	7.8E+00	6.0E-07	1.0E-03	4.9E-09	1.6E-01	3.8E-02	2.9E-11	7.8E+00	1.2E-06
1.9E-07	1.0E-03	6.7E-09	1.6E-01	3.8E-02	4.0E-11	9.0E+00	6.0E-07	1.0E-03	5.6E-09	1.6E-01	3.8E-02	3.4E-11	9.0E+00	1.2E-06
1.9E-07	1.0E-03	9.8E-09	1.6E-01	3.8E-02	5.9E-11	1.0E+01	6.0E-07	1.0E-03	6.5E-09	1.6E-01	3.8E-02	3.9E-11	1.0E+01	1.2E-06

1.9E-07	1.0E-03	5.1E-09	1.6E-01	3.8E-02	3.1E-11	1.2E+01	6.0E-07	1.0E-03	7.5E-09	1.6E-01	3.8E-02	4.5E-11	1.2E+01	1.2E-06
1.9E-07	1.0E-03	6.1E-09	1.6E-01	3.8E-02	3.7E-11	1.4E+01	6.0E-07	1.0E-03	8.6E-09	1.6E-01	3.8E-02	5.2E-11	1.4E+01	1.2E-06
1.9E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	9.1E+00	6.0E-07	1.0E-03	5.7E-09	1.6E-01	3.8E-02	3.4E-11	9.1E+00	1.2E-06
1.9E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	8.1E+00	6.0E-07	1.0E-03	5.1E-09	1.6E-01	3.8E-02	3.1E-11	8.1E+00	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.1E-12	7.3E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	3.8E-02	2.8E-11	7.3E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.1E-12	6.6E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	3.8E-02	2.5E-11	6.6E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.2E-12	5.9E+00	6.0E-07	1.0E-03	3.7E-09	1.6E-01	3.8E-02	2.2E-11	5.9E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.4E-12	5.3E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.0E-11	5.3E+00	1.2E-06
1.9E-07	1.0E-03	9.5E-10	1.6E-01	3.8E-02	5.7E-12	4.8E+00	6.0E-07	1.0E-03	3.0E-09	1.6E-01	3.8E-02	1.8E-11	4.8E+00	1.2E-06
1.9E-07	1.0E-03	8.6E-10	1.6E-01	3.8E-02	5.2E-12	4.4E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11	4.4E+00	1.2E-06
1.9E-07	1.0E-03	7.8E-10	1.6E-01	3.8E-02	4.7E-12	4.0E+00	6.0E-07	1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11	4.0E+00	1.2E-06
1.9E-07	1.0E-03	7.1E-10	1.6E-01	3.8E-02	4.3E-12	3.6E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	3.6E+00	1.2E-06
1.9E-07	1.0E-03	4.1E-09	1.6E-01	3.8E-02	2.4E-11	6.7E+00	6.0E-07	1.0E-03	4.2E-09	1.6E-01	3.8E-02	2.5E-11	6.7E+00	1.2E-06
1.9E-07	1.0E-03	5.4E-09	1.6E-01	3.8E-02	3.3E-11	7.7E+00	6.0E-07	1.0E-03	4.8E-09	1.6E-01	3.8E-02	2.9E-11	7.7E+00	1.2E-06
1.9E-07	1.0E-03	7.5E-09	1.6E-01	3.8E-02	4.5E-11	8.8E+00	6.0E-07	1.0E-03	5.5E-09	1.6E-01	3.8E-02	3.3E-11	8.8E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.3E-11	1.0E+01	6.0E-07	1.0E-03	6.3E-09	1.6E-01	3.8E-02	3.8E-11	1.0E+01	1.2E-06
1.9E-07	1.0E-03	4.1E-09	1.6E-01	3.8E-02	2.4E-11	1.1E+01	6.0E-07	1.0E-03	7.0E-09	1.6E-01	3.8E-02	4.2E-11	1.1E+01	1.2E-06
1.9E-07	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11	8.0E+00	6.0E-07	1.0E-03	5.0E-09	1.6E-01	3.8E-02	3.0E-11	8.0E+00	1.2E-06
1.9E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.6E-12	7.3E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	3.8E-02	2.8E-11	7.3E+00	1.2E-06
1.9E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.5E-12	6.6E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	3.8E-02	2.5E-11	6.6E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.5E-12	6.0E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	3.8E-02	2.3E-11	6.0E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.7E-12	5.4E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.1E-11	5.4E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.0E-12	4.9E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	3.8E-02	1.9E-11	4.9E+00	1.2E-06
1.9E-07	1.0E-03	9.0E-10	1.6E-01	3.8E-02	5.4E-12	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11	4.5E+00	1.2E-06
1.9E-07	1.0E-03	8.2E-10	1.6E-01	3.8E-02	4.9E-12	4.1E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11	4.1E+00	1.2E-06
1.9E-07	1.0E-03	7.4E-10	1.6E-01	3.8E-02	4.5E-12	3.8E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.4E-11	3.8E+00	1.2E-06
1.9E-07	1.0E-03	6.8E-10	1.6E-01	3.8E-02	4.1E-12	3.4E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	3.4E+00	1.2E-06
1.9E-07	1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.0E-11	5.9E+00	6.0E-07	1.0E-03	3.7E-09	1.6E-01	3.8E-02	2.2E-11	5.9E+00	1.2E-06
1.9E-07	1.0E-03	4.3E-09	1.6E-01	3.8E-02	2.6E-11	6.6E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	3.8E-02	2.5E-11	6.6E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-09	1.6E-01	3.8E-02	3.3E-11	7.4E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	3.8E-02	2.8E-11	7.4E+00	1.2E-06
1.9E-07	1.0E-03	7.1E-09	1.6E-01	3.8E-02	4.3E-11	8.3E+00	6.0E-07	1.0E-03	5.2E-09	1.6E-01	3.8E-02	3.1E-11	8.3E+00	1.2E-06
1.9E-07	1.0E-03	8.4E-09	1.6E-01	3.8E-02	5.1E-11	9.2E+00	6.0E-07	1.0E-03	5.8E-09	1.6E-01	3.8E-02	3.5E-11	9.2E+00	1.2E-06
1.9E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	7.1E+00	6.0E-07	1.0E-03	4.5E-09	1.6E-01	3.8E-02	2.7E-11	7.1E+00	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.8E-12	6.6E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	3.8E-02	2.5E-11	6.6E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.8E-12	6.0E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	3.8E-02	2.3E-11	6.0E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.0E-12	5.5E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.1E-11	5.5E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.3E-12	5.0E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	3.8E-02	1.9E-11	5.0E+00	1.2E-06
1.9E-07	1.0E-03	9.4E-10	1.6E-01	3.8E-02	5.7E-12	4.6E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.7E-11	4.6E+00	1.2E-06
1.9E-07	1.0E-03	8.5E-10	1.6E-01	3.8E-02	5.1E-12	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11	4.2E+00	1.2E-06
1.9E-07	1.0E-03	7.7E-10	1.6E-01	3.8E-02	4.7E-12	3.8E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.5E-11	3.8E+00	1.2E-06
1.9E-07	1.0E-03	7.0E-10	1.6E-01	3.8E-02	4.2E-12	3.5E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	3.5E+00	1.2E-06
1.9E-07	1.0E-03	6.4E-10	1.6E-01	3.8E-02	3.9E-12	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	3.2E+00	1.2E-06
1.9E-07	1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11	5.2E+00	6.0E-07	1.0E-03	3.2E-09	1.6E-01	3.8E-02	2.0E-11	5.2E+00	1.2E-06
1.9E-07	1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.0E-11	5.8E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	3.8E-02	2.2E-11	5.8E+00	1.2E-06
1.9E-07	1.0E-03	4.2E-09	1.6E-01	3.8E-02	2.5E-11	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	3.8E-02	2.4E-11	6.4E+00	1.2E-06
1.9E-07	1.0E-03	5.0E-09	1.6E-01	3.8E-02	3.0E-11	7.1E+00	6.0E-07	1.0E-03	4.4E-09	1.6E-01	3.8E-02	2.7E-11	7.1E+00	1.2E-06
1.9E-07	1.0E-03	5.6E-09	1.6E-01	3.8E-02	3.4E-11	7.8E+00	6.0E-07	1.0E-03	4.9E-09	1.6E-01	3.8E-02	2.9E-11	7.8E+00	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.1E-12	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	3.8E-02	2.4E-11	6.4E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.1E-12	5.9E+00	6.0E-07	1.0E-03	3.7E-09	1.6E-01	3.8E-02	2.2E-11	5.9E+00	1.2E-06

1.9E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.2E-12	5.4E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.1E-11	5.4E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.5E-12	5.0E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	3.8E-02	1.9E-11	5.0E+00	1.2E-06
1.9E-07	1.0E-03	9.6E-10	1.6E-01	3.8E-02	5.8E-12	4.6E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.7E-11	4.6E+00	1.2E-06
1.9E-07	1.0E-03	8.7E-10	1.6E-01	3.8E-02	5.3E-12	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11	4.2E+00	1.2E-06
1.9E-07	1.0E-03	7.9E-10	1.6E-01	3.8E-02	4.8E-12	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.5E-11	3.9E+00	1.2E-06
1.9E-07	1.0E-03	7.3E-10	1.6E-01	3.8E-02	4.4E-12	3.6E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	3.6E+00	1.2E-06
1.9E-07	1.0E-03	6.6E-10	1.6E-01	3.8E-02	4.0E-12	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11	3.3E+00	1.2E-06
1.9E-07	1.0E-03	6.1E-10	1.6E-01	3.8E-02	3.7E-12	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.2E-11	3.0E+00	1.2E-06
1.9E-07	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	4.6E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.7E-11	4.6E+00	1.2E-06
1.9E-07	1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	5.1E+00	6.0E-07	1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	5.1E+00	1.2E-06
1.9E-07	1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	5.6E+00	6.0E-07	1.0E-03	3.5E-09	1.6E-01	3.8E-02	2.1E-11	5.6E+00	1.2E-06
1.9E-07	1.0E-03	3.6E-09	1.6E-01	3.8E-02	2.2E-11	6.1E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	3.8E-02	2.3E-11	6.1E+00	1.2E-06
1.9E-07	1.0E-03	4.0E-09	1.6E-01	3.8E-02	2.4E-11	6.6E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	3.8E-02	2.5E-11	6.6E+00	1.2E-06
1.9E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.3E-12	5.7E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	3.8E-02	2.2E-11	5.7E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.4E-12	5.3E+00	6.0E-07	1.0E-03	3.3E-09	1.6E-01	3.8E-02	2.0E-11	5.3E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.6E-12	4.9E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	3.8E-02	1.9E-11	4.9E+00	1.2E-06
1.9E-07	1.0E-03	9.9E-10	1.6E-01	3.8E-02	6.0E-12	4.6E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.7E-11	4.6E+00	1.2E-06
1.9E-07	1.0E-03	8.9E-10	1.6E-01	3.8E-02	5.3E-12	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11	4.2E+00	1.2E-06
1.9E-07	1.0E-03	8.0E-10	1.6E-01	3.8E-02	4.8E-12	3.8E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.5E-11	3.8E+00	1.2E-06
1.9E-07	1.0E-03	7.3E-10	1.6E-01	3.8E-02	4.4E-12	3.6E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	3.6E+00	1.2E-06
1.9E-07	1.0E-03	6.7E-10	1.6E-01	3.8E-02	4.1E-12	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11	3.3E+00	1.2E-06
1.9E-07	1.0E-03	6.2E-10	1.6E-01	3.8E-02	3.7E-12	3.1E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.2E-11	3.1E+00	1.2E-06
1.9E-07	1.0E-03	5.7E-10	1.6E-01	3.8E-02	3.4E-12	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11	2.8E+00	1.2E-06
1.9E-07	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.2E-11	4.1E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.5E-11	4.1E+00	1.2E-06
1.9E-07	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11	4.5E+00	1.2E-06
1.9E-07	1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11	4.9E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	3.8E-02	1.9E-11	4.9E+00	1.2E-06
1.9E-07	1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11	5.3E+00	6.0E-07	1.0E-03	3.3E-09	1.6E-01	3.8E-02	2.0E-11	5.3E+00	1.2E-06
1.9E-07	1.0E-03	3.0E-09	1.6E-01	3.8E-02	1.8E-11	5.7E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	3.8E-02	2.2E-11	5.7E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12	4.9E+00	6.0E-07	1.0E-03	3.0E-09	1.6E-01	3.8E-02	1.8E-11	4.9E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.2E-12	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11	4.5E+00	1.2E-06
1.9E-07	1.0E-03	9.2E-10	1.6E-01	3.8E-02	5.5E-12	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11	4.2E+00	1.2E-06
1.9E-07	1.0E-03	8.1E-10	1.6E-01	3.8E-02	4.9E-12	3.8E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.4E-11	3.8E+00	1.2E-06
1.9E-07	1.0E-03	7.3E-10	1.6E-01	3.8E-02	4.4E-12	3.5E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	3.5E+00	1.2E-06
1.9E-07	1.0E-03	6.7E-10	1.6E-01	3.8E-02	4.0E-12	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	3.2E+00	1.2E-06
1.9E-07	1.0E-03	6.2E-10	1.6E-01	3.8E-02	3.7E-12	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.1E-11	3.0E+00	1.2E-06
1.9E-07	1.0E-03	5.7E-10	1.6E-01	3.8E-02	3.4E-12	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11	2.8E+00	1.2E-06
1.9E-07	1.0E-03	5.3E-10	1.6E-01	3.8E-02	3.2E-12	2.6E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	2.6E+00	1.2E-06
1.9E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.8E-12	3.7E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	3.7E+00	1.2E-06
1.9E-07	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11	4.0E+00	6.0E-07	1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11	4.0E+00	1.2E-06
1.9E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	4.3E+00	6.0E-07	1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	4.3E+00	1.2E-06
1.9E-07	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	4.7E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.8E-11	4.7E+00	1.2E-06
1.9E-07	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.4E-11	5.0E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	3.8E-02	1.9E-11	5.0E+00	1.2E-06
1.9E-07	1.0E-03	9.5E-10	1.6E-01	3.8E-02	5.7E-12	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11	4.2E+00	1.2E-06
1.9E-07	1.0E-03	8.6E-10	1.6E-01	3.8E-02	5.2E-12	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.5E-11	3.9E+00	1.2E-06
1.9E-07	1.0E-03	7.8E-10	1.6E-01	3.8E-02	4.7E-12	3.6E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.4E-11	3.6E+00	1.2E-06
1.9E-07	1.0E-03	7.1E-10	1.6E-01	3.8E-02	4.3E-12	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11	3.3E+00	1.2E-06
1.9E-07	1.0E-03	6.5E-10	1.6E-01	3.8E-02	3.9E-12	3.1E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.2E-11	3.1E+00	1.2E-06
1.9E-07	1.0E-03	5.9E-10	1.6E-01	3.8E-02	3.6E-12	2.9E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11	2.9E+00	1.2E-06
1.9E-07	1.0E-03	5.4E-10	1.6E-01	3.8E-02	3.3E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	2.7E+00	1.2E-06

1.9E-07	1.0E-03	5.0E-10	1.6E-01	3.8E-02	3.0E-12	2.5E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.3E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.4E-12	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11	3.3E+00	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.3E-12	3.6E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	3.6E+00	1.2E-06
1.9E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.5E-11	3.9E+00	1.2E-06
1.9E-07	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11	4.1E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11	4.1E+00	1.2E-06
1.9E-07	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.2E-11	4.4E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11	4.4E+00	1.2E-06
1.9E-07	1.0E-03	8.1E-10	1.6E-01	3.8E-02	4.9E-12	3.6E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	3.6E+00	1.2E-06
1.9E-07	1.0E-03	7.5E-10	1.6E-01	3.8E-02	4.5E-12	3.4E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11	3.4E+00	1.2E-06
1.9E-07	1.0E-03	6.9E-10	1.6E-01	3.8E-02	4.2E-12	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	3.2E+00	1.2E-06
1.9E-07	1.0E-03	6.3E-10	1.6E-01	3.8E-02	3.8E-12	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.1E-11	3.0E+00	1.2E-06
1.9E-07	1.0E-03	5.8E-10	1.6E-01	3.8E-02	3.5E-12	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11	2.8E+00	1.2E-06
1.9E-07	1.0E-03	5.3E-10	1.6E-01	3.8E-02	3.2E-12	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.8E-12	2.6E+00	1.2E-06
1.9E-07	1.0E-03	4.8E-10	1.6E-01	3.8E-02	2.9E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.0E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.2E-12	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.1E-11	3.0E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.9E-12	3.3E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	3.3E+00	1.2E-06
1.9E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.5E-12	3.5E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	3.5E+00	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.1E-12	3.7E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	3.7E+00	1.2E-06
1.9E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.6E-12	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.5E-11	3.9E+00	1.2E-06
1.9E-07	1.0E-03	7.1E-10	1.6E-01	3.8E-02	4.3E-12	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	3.2E+00	1.2E-06
1.9E-07	1.0E-03	6.5E-10	1.6E-01	3.8E-02	3.9E-12	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.1E-11	3.0E+00	1.2E-06
1.9E-07	1.0E-03	6.0E-10	1.6E-01	3.8E-02	3.6E-12	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11	2.8E+00	1.2E-06
1.9E-07	1.0E-03	5.6E-10	1.6E-01	3.8E-02	3.4E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	2.7E+00	1.2E-06
1.9E-07	1.0E-03	5.1E-10	1.6E-01	3.8E-02	3.1E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.4E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	4.7E-10	1.6E-01	3.8E-02	2.8E-12	2.3E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.7E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.3E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	2.7E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12	2.9E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11	2.9E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.3E-12	3.1E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	3.1E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.7E-12	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11	3.3E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.1E-12	3.5E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	3.5E+00	1.2E-06
1.9E-07	1.0E-03	6.6E-10	1.6E-01	3.8E-02	4.0E-12	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.1E-11	3.0E+00	1.2E-06
1.9E-07	1.0E-03	6.2E-10	1.6E-01	3.8E-02	3.7E-12	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11	2.8E+00	1.2E-06
1.9E-07	1.0E-03	5.7E-10	1.6E-01	3.8E-02	3.4E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	2.7E+00	1.2E-06
1.9E-07	1.0E-03	5.3E-10	1.6E-01	3.8E-02	3.2E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.5E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	4.9E-10	1.6E-01	3.8E-02	3.0E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.9E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	4.5E-10	1.6E-01	3.8E-02	2.7E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.3E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	9.1E-10	1.6E-01	3.8E-02	5.5E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.5E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	9.8E-10	1.6E-01	3.8E-02	5.9E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	2.7E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.3E-12	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11	2.8E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.7E-12	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.1E-11	3.0E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	6.9E-12	3.1E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	3.1E+00	1.2E-06
1.9E-07	1.0E-03	6.2E-10	1.6E-01	3.8E-02	3.8E-12	2.8E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.1E-11	2.8E+00	1.2E-06
1.9E-07	1.0E-03	5.8E-10	1.6E-01	3.8E-02	3.5E-12	2.6E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	2.6E+00	1.2E-06
1.9E-07	1.0E-03	5.4E-10	1.6E-01	3.8E-02	3.3E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.5E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	5.0E-10	1.6E-01	3.8E-02	3.0E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.0E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	4.7E-10	1.6E-01	3.8E-02	2.8E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.5E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	4.4E-10	1.6E-01	3.8E-02	2.6E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.0E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	8.1E-10	1.6E-01	3.8E-02	4.9E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.7E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	8.6E-10	1.6E-01	3.8E-02	5.2E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.2E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	9.1E-10	1.6E-01	3.8E-02	5.5E-12	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.8E-12	2.6E+00	1.2E-06

1.9E-07	1.0E-03	9.6E-10	1.6E-01	3.8E-02	5.8E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	2.7E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.0E-12	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11	2.8E+00	1.2E-06
1.9E-07	1.0E-03	5.9E-10	1.6E-01	3.8E-02	3.5E-12	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.8E-12	2.6E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-10	1.6E-01	3.8E-02	3.3E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.4E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	5.1E-10	1.6E-01	3.8E-02	3.1E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.9E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	4.8E-10	1.6E-01	3.8E-02	2.9E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.5E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	4.5E-10	1.6E-01	3.8E-02	2.7E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.1E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	4.2E-10	1.6E-01	3.8E-02	2.5E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.6E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	7.2E-10	1.6E-01	3.8E-02	4.3E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.0E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	7.6E-10	1.6E-01	3.8E-02	4.6E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.5E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	8.1E-10	1.6E-01	3.8E-02	4.9E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.9E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	8.5E-10	1.6E-01	3.8E-02	5.1E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.4E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	8.8E-10	1.6E-01	3.8E-02	5.3E-12	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.8E-12	2.6E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-10	1.6E-01	3.8E-02	3.3E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.2E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	5.2E-10	1.6E-01	3.8E-02	3.1E-12	2.3E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.8E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	4.9E-10	1.6E-01	3.8E-02	2.9E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.4E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	4.6E-10	1.6E-01	3.8E-02	2.8E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.0E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	4.3E-10	1.6E-01	3.8E-02	2.6E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.7E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	4.0E-10	1.6E-01	3.8E-02	2.4E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.3E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	6.4E-10	1.6E-01	3.8E-02	3.9E-12	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.4E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	6.8E-10	1.6E-01	3.8E-02	4.1E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.8E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	7.2E-10	1.6E-01	3.8E-02	4.3E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.2E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	7.5E-10	1.6E-01	3.8E-02	4.5E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.6E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	7.8E-10	1.6E-01	3.8E-02	4.7E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.9E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	8.0E-10	1.6E-01	3.8E-02	4.8E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.2E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	8.1E-10	1.6E-01	3.8E-02	4.9E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.5E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	8.2E-10	1.6E-01	3.8E-02	5.0E-12	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.8E-12	2.6E+00	1.2E-06
1.9E-07	1.0E-03	8.2E-10	1.6E-01	3.8E-02	5.0E-12	2.6E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	2.6E+00	1.2E-06
1.9E-07	1.0E-03	8.2E-10	1.6E-01	3.8E-02	4.9E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	2.7E+00	1.2E-06
1.9E-07	1.0E-03	8.0E-10	1.6E-01	3.8E-02	4.8E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	2.7E+00	1.2E-06
1.9E-07	1.0E-03	7.8E-10	1.6E-01	3.8E-02	4.7E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	2.7E+00	1.2E-06
1.9E-07	1.0E-03	7.6E-10	1.6E-01	3.8E-02	4.6E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	2.7E+00	1.2E-06
1.9E-07	1.0E-03	7.4E-10	1.6E-01	3.8E-02	4.4E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	2.7E+00	1.2E-06
1.9E-07	1.0E-03	7.1E-10	1.6E-01	3.8E-02	4.3E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	2.7E+00	1.2E-06
1.9E-07	1.0E-03	6.8E-10	1.6E-01	3.8E-02	4.1E-12	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.9E-12	2.6E+00	1.2E-06
1.9E-07	1.0E-03	6.5E-10	1.6E-01	3.8E-02	3.9E-12	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.7E-12	2.6E+00	1.2E-06
1.9E-07	1.0E-03	6.1E-10	1.6E-01	3.8E-02	3.7E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.4E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	5.8E-10	1.6E-01	3.8E-02	3.5E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.2E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-10	1.6E-01	3.8E-02	3.3E-12	2.3E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.9E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	5.2E-10	1.6E-01	3.8E-02	3.1E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.6E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	4.9E-10	1.6E-01	3.8E-02	3.0E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.3E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	4.6E-10	1.6E-01	3.8E-02	2.8E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.9E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	4.4E-10	1.6E-01	3.8E-02	2.6E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.6E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	4.1E-10	1.6E-01	3.8E-02	2.5E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.3E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	3.9E-10	1.6E-01	3.8E-02	2.3E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.9E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	5.8E-10	1.6E-01	3.8E-02	3.5E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.9E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	6.1E-10	1.6E-01	3.8E-02	3.7E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.2E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	6.4E-10	1.6E-01	3.8E-02	3.9E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.5E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	6.7E-10	1.6E-01	3.8E-02	4.0E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.9E-12	2.1E+00	1.2E-06

1.9E-07	1.0E-03	6.9E-10	1.6E-01	3.8E-02	4.2E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.2E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	7.1E-10	1.6E-01	3.8E-02	4.3E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.5E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	7.3E-10	1.6E-01	3.8E-02	4.4E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.7E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	7.4E-10	1.6E-01	3.8E-02	4.4E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.9E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	7.4E-10	1.6E-01	3.8E-02	4.4E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.1E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	7.3E-10	1.6E-01	3.8E-02	4.4E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.3E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	7.2E-10	1.6E-01	3.8E-02	4.4E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.3E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	7.1E-10	1.6E-01	3.8E-02	4.3E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.4E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	6.9E-10	1.6E-01	3.8E-02	4.2E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.4E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	6.7E-10	1.6E-01	3.8E-02	4.1E-12	2.5E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.3E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	6.5E-10	1.6E-01	3.8E-02	3.9E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.3E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	6.3E-10	1.6E-01	3.8E-02	3.8E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.1E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	6.0E-10	1.6E-01	3.8E-02	3.6E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.0E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	5.7E-10	1.6E-01	3.8E-02	3.5E-12	2.3E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.8E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-10	1.6E-01	3.8E-02	3.3E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.5E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	5.2E-10	1.6E-01	3.8E-02	3.1E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.3E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	4.9E-10	1.6E-01	3.8E-02	3.0E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.0E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	4.6E-10	1.6E-01	3.8E-02	2.8E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.7E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	4.4E-10	1.6E-01	3.8E-02	2.6E-12	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.5E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	4.2E-10	1.6E-01	3.8E-02	2.5E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.2E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	3.9E-10	1.6E-01	3.8E-02	2.4E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.9E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	3.7E-10	1.6E-01	3.8E-02	2.2E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.6E-12	1.7E+00	1.2E-06
1.9E-07	1.0E-03	5.3E-10	1.6E-01	3.8E-02	3.2E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.4E-12	1.7E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-10	1.6E-01	3.8E-02	3.3E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.7E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	5.8E-10	1.6E-01	3.8E-02	3.5E-12	1.8E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.0E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	6.0E-10	1.6E-01	3.8E-02	3.6E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.3E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	6.2E-10	1.6E-01	3.8E-02	3.8E-12	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.5E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	6.4E-10	1.6E-01	3.8E-02	3.9E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.8E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	6.5E-10	1.6E-01	3.8E-02	3.9E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.0E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	6.6E-10	1.6E-01	3.8E-02	4.0E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.2E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	6.6E-10	1.6E-01	3.8E-02	4.0E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.4E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	6.6E-10	1.6E-01	3.8E-02	4.0E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.5E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	6.6E-10	1.6E-01	3.8E-02	4.0E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.6E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	6.5E-10	1.6E-01	3.8E-02	3.9E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.6E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	6.3E-10	1.6E-01	3.8E-02	3.8E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.6E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	6.2E-10	1.6E-01	3.8E-02	3.7E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.6E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	6.0E-10	1.6E-01	3.8E-02	3.6E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.6E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	5.8E-10	1.6E-01	3.8E-02	3.5E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.5E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	5.6E-10	1.6E-01	3.8E-02	3.4E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.3E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	5.3E-10	1.6E-01	3.8E-02	3.2E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.2E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	5.1E-10	1.6E-01	3.8E-02	3.1E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.0E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	4.9E-10	1.6E-01	3.8E-02	2.9E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.7E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	4.6E-10	1.6E-01	3.8E-02	2.8E-12	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.5E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	4.4E-10	1.6E-01	3.8E-02	2.6E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.3E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	4.2E-10	1.6E-01	3.8E-02	2.5E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.0E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	4.0E-10	1.6E-01	3.8E-02	2.4E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	3.7E-10	1.6E-01	3.8E-02	2.3E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.5E-12	1.7E+00	1.2E-06
1.9E-07	1.0E-03	3.5E-10	1.6E-01	3.8E-02	2.1E-12	1.7E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.3E-12	1.7E+00	1.2E-06
1.9E-07	1.0E-03	4.8E-10	1.6E-01	3.8E-02	2.9E-12	1.6E+00	6.0E-07	1.0E-03	9.8E-10	1.6E-01	3.8E-02	5.9E-12	1.6E+00	1.2E-06

1.9E-07	1.0E-03	5.0E-10	1.6E-01	3.8E-02	3.0E-12	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.2E-12	1.6E+00	1.2E-06
1.9E-07	1.0E-03	5.3E-10	1.6E-01	3.8E-02	3.2E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.5E-12	1.7E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-10	1.6E-01	3.8E-02	3.3E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.7E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	5.6E-10	1.6E-01	3.8E-02	3.4E-12	1.8E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.0E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	5.8E-10	1.6E-01	3.8E-02	3.5E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.2E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	5.9E-10	1.6E-01	3.8E-02	3.6E-12	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.4E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	6.0E-10	1.6E-01	3.8E-02	3.6E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.6E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	6.0E-10	1.6E-01	3.8E-02	3.6E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.7E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	6.0E-10	1.6E-01	3.8E-02	3.6E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.8E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	6.0E-10	1.6E-01	3.8E-02	3.6E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.9E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	5.9E-10	1.6E-01	3.8E-02	3.6E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.0E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	5.8E-10	1.6E-01	3.8E-02	3.5E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.0E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	5.7E-10	1.6E-01	3.8E-02	3.4E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.0E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-10	1.6E-01	3.8E-02	3.3E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.9E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	5.3E-10	1.6E-01	3.8E-02	3.2E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.8E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	5.2E-10	1.6E-01	3.8E-02	3.1E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.7E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	5.0E-10	1.6E-01	3.8E-02	3.0E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.6E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	4.8E-10	1.6E-01	3.8E-02	2.9E-12	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.4E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	4.6E-10	1.6E-01	3.8E-02	2.7E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.3E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	4.3E-10	1.6E-01	3.8E-02	2.6E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.1E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	4.1E-10	1.6E-01	3.8E-02	2.5E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	4.0E-10	1.6E-01	3.8E-02	2.4E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.6E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	3.8E-10	1.6E-01	3.8E-02	2.3E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.4E-12	1.7E+00	1.2E-06
1.9E-07	1.0E-03	3.6E-10	1.6E-01	3.8E-02	2.2E-12	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.2E-12	1.6E+00	1.2E-06
1.9E-07	1.0E-03	3.4E-10	1.6E-01	3.8E-02	2.0E-12	1.6E+00	6.0E-07	1.0E-03	9.9E-10	1.6E-01	3.8E-02	6.0E-12	1.6E+00	1.2E-06
1.9E-07	1.0E-03	4.4E-10	1.6E-01	3.8E-02	2.7E-12	1.5E+00	6.0E-07	1.0E-03	9.2E-10	1.6E-01	3.8E-02	5.5E-12	1.5E+00	1.2E-06
1.9E-07	1.0E-03	4.6E-10	1.6E-01	3.8E-02	2.8E-12	1.5E+00	6.0E-07	1.0E-03	9.6E-10	1.6E-01	3.8E-02	5.8E-12	1.5E+00	1.2E-06
1.9E-07	1.0E-03	4.8E-10	1.6E-01	3.8E-02	2.9E-12	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.0E-12	1.6E+00	1.2E-06
1.9E-07	1.0E-03	5.0E-10	1.6E-01	3.8E-02	3.0E-12	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.2E-12	1.6E+00	1.2E-06
1.9E-07	1.0E-03	5.1E-10	1.6E-01	3.8E-02	3.1E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.4E-12	1.7E+00	1.2E-06
1.9E-07	1.0E-03	5.3E-10	1.6E-01	3.8E-02	3.2E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.6E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	5.4E-10	1.6E-01	3.8E-02	3.2E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	5.4E-10	1.6E-01	3.8E-02	3.3E-12	1.8E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.0E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-10	1.6E-01	3.8E-02	3.3E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.1E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-10	1.6E-01	3.8E-02	3.3E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.2E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-10	1.6E-01	3.8E-02	3.3E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.3E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	5.4E-10	1.6E-01	3.8E-02	3.3E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.4E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	5.3E-10	1.6E-01	3.8E-02	3.2E-12	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.4E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	5.2E-10	1.6E-01	3.8E-02	3.1E-12	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.4E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	5.1E-10	1.6E-01	3.8E-02	3.1E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.4E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	5.0E-10	1.6E-01	3.8E-02	3.0E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.3E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	4.8E-10	1.6E-01	3.8E-02	2.9E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.2E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	4.6E-10	1.6E-01	3.8E-02	2.8E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.1E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	4.5E-10	1.6E-01	3.8E-02	2.7E-12	1.8E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.0E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	4.3E-10	1.6E-01	3.8E-02	2.6E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	4.1E-10	1.6E-01	3.8E-02	2.5E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.6E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	3.9E-10	1.6E-01	3.8E-02	2.4E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.4E-12	1.7E+00	1.2E-06
1.9E-07	1.0E-03	3.7E-10	1.6E-01	3.8E-02	2.3E-12	1.7E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.3E-12	1.7E+00	1.2E-06
1.9E-07	1.0E-03	3.6E-10	1.6E-01	3.8E-02	2.2E-12	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.1E-12	1.6E+00	1.2E-06

1.9E-07	1.0E-03	3.4E-10	1.6E-01	3.8E-02	2.1E-12	1.6E+00	6.0E-07	1.0E-03	9.7E-10	1.6E-01	3.8E-02	5.9E-12	1.6E+00	1.2E-06
1.9E-07	1.0E-03	3.2E-10	1.6E-01	3.8E-02	2.0E-12	1.5E+00	6.0E-07	1.0E-03	9.4E-10	1.6E-01	3.8E-02	5.7E-12	1.5E+00	1.2E-06
1.9E-07	1.0E-03	4.0E-10	1.6E-01	3.8E-02	2.4E-12	1.4E+00	6.0E-07	1.0E-03	8.6E-10	1.6E-01	3.8E-02	5.2E-12	1.4E+00	1.2E-06
1.9E-07	1.0E-03	4.2E-10	1.6E-01	3.8E-02	2.5E-12	1.4E+00	6.0E-07	1.0E-03	9.0E-10	1.6E-01	3.8E-02	5.4E-12	1.4E+00	1.2E-06
1.9E-07	1.0E-03	4.4E-10	1.6E-01	3.8E-02	2.6E-12	1.5E+00	6.0E-07	1.0E-03	9.3E-10	1.6E-01	3.8E-02	5.6E-12	1.5E+00	1.2E-06
1.9E-07	1.0E-03	4.5E-10	1.6E-01	3.8E-02	2.7E-12	1.5E+00	6.0E-07	1.0E-03	9.6E-10	1.6E-01	3.8E-02	5.8E-12	1.5E+00	1.2E-06
1.9E-07	1.0E-03	4.7E-10	1.6E-01	3.8E-02	2.8E-12	1.6E+00	6.0E-07	1.0E-03	9.9E-10	1.6E-01	3.8E-02	6.0E-12	1.6E+00	1.2E-06
1.9E-07	1.0E-03	4.8E-10	1.6E-01	3.8E-02	2.9E-12	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.2E-12	1.6E+00	1.2E-06
1.9E-07	1.0E-03	4.9E-10	1.6E-01	3.8E-02	2.9E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.3E-12	1.7E+00	1.2E-06
1.9E-07	1.0E-03	5.0E-10	1.6E-01	3.8E-02	3.0E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.5E-12	1.7E+00	1.2E-06
1.9E-07	1.0E-03	5.0E-10	1.6E-01	3.8E-02	3.0E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.6E-12	1.7E+00	1.2E-06
1.9E-07	1.0E-03	5.0E-10	1.6E-01	3.8E-02	3.0E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.7E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	5.0E-10	1.6E-01	3.8E-02	3.0E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	5.0E-10	1.6E-01	3.8E-02	3.0E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	4.9E-10	1.6E-01	3.8E-02	3.0E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.9E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	4.8E-10	1.6E-01	3.8E-02	2.9E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.9E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	4.7E-10	1.6E-01	3.8E-02	2.8E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	4.6E-10	1.6E-01	3.8E-02	2.8E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	4.5E-10	1.6E-01	3.8E-02	2.7E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.7E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	4.3E-10	1.6E-01	3.8E-02	2.6E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.6E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	4.2E-10	1.6E-01	3.8E-02	2.5E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.5E-12	1.7E+00	1.2E-06
1.9E-07	1.0E-03	4.0E-10	1.6E-01	3.8E-02	2.4E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.4E-12	1.7E+00	1.2E-06
1.9E-07	1.0E-03	3.9E-10	1.6E-01	3.8E-02	2.3E-12	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.2E-12	1.6E+00	1.2E-06
1.9E-07	1.0E-03	3.7E-10	1.6E-01	3.8E-02	2.2E-12	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.1E-12	1.6E+00	1.2E-06
1.9E-07	1.0E-03	3.6E-10	1.6E-01	3.8E-02	2.1E-12	1.6E+00	6.0E-07	1.0E-03	9.8E-10	1.6E-01	3.8E-02	5.9E-12	1.6E+00	1.2E-06
1.9E-07	1.0E-03	3.4E-10	1.6E-01	3.8E-02	2.1E-12	1.5E+00	6.0E-07	1.0E-03	9.5E-10	1.6E-01	3.8E-02	5.7E-12	1.5E+00	1.2E-06
1.9E-07	1.0E-03	3.3E-10	1.6E-01	3.8E-02	2.0E-12	1.5E+00	6.0E-07	1.0E-03	9.2E-10	1.6E-01	3.8E-02	5.6E-12	1.5E+00	1.2E-06
1.9E-07	1.0E-03	3.1E-10	1.6E-01	3.8E-02	1.9E-12	1.4E+00	6.0E-07	1.0E-03	8.9E-10	1.6E-01	3.8E-02	5.4E-12	1.4E+00	1.2E-06

Franklin School Project

Risk From Portable Set-up - Unmitigated Residential

Haul Route 1A							Haul Route 2A					
D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk	
1.0E-03	4.4E-10	1.6E-01	3.8E-02	2.6E-12	3.9E+00	1.3E-07	1.0E-03	5.4E-10	1.6E-01	3.8E-02	3.2E-12	1.13453E-06
1.0E-03	5.0E-10	1.6E-01	3.8E-02	3.0E-12	4.4E+00	1.3E-07	1.0E-03	6.0E-10	1.6E-01	3.8E-02	3.6E-12	1.29267E-06
1.0E-03	5.8E-10	1.6E-01	3.8E-02	3.5E-12	4.7E+00	1.3E-07	1.0E-03	6.5E-10	1.6E-01	3.8E-02	3.9E-12	1.44286E-06
1.0E-03	6.6E-10	1.6E-01	3.8E-02	4.0E-12	4.8E+00	1.3E-07	1.0E-03	6.7E-10	1.6E-01	3.8E-02	4.0E-12	1.58343E-06
1.0E-03	7.5E-10	1.6E-01	3.8E-02	4.5E-12	4.8E+00	1.3E-07	1.0E-03	6.7E-10	1.6E-01	3.8E-02	4.0E-12	1.70693E-06
1.0E-03	8.3E-10	1.6E-01	3.8E-02	5.0E-12	4.7E+00	1.3E-07	1.0E-03	6.5E-10	1.6E-01	3.8E-02	3.9E-12	1.80162E-06
1.0E-03	9.1E-10	1.6E-01	3.8E-02	5.5E-12	4.3E+00	1.3E-07	1.0E-03	5.9E-10	1.6E-01	3.8E-02	3.6E-12	1.85903E-06
1.0E-03	9.9E-10	1.6E-01	3.8E-02	6.0E-12	3.6E+00	1.3E-07	1.0E-03	5.0E-10	1.6E-01	3.8E-02	3.0E-12	1.8864E-06
1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.5E-12	2.8E+00	1.3E-07	1.0E-03	3.9E-10	1.6E-01	3.8E-02	2.4E-12	1.91524E-06
1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.1E-12	2.2E+00	1.3E-07	1.0E-03	3.0E-10	1.6E-01	3.8E-02	1.8E-12	1.97048E-06
1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.7E-12	1.6E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12	2.03372E-06
1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.0E-12	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12	2.06545E-06
1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.1E-12	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.3E-13	2.04239E-06
1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.9E-12	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.7E-13	1.9602E-06
1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.4E-12	6.5E-01	1.3E-07	1.0E-03	9.0E-11	1.6E-01	3.8E-02	5.4E-13	1.832E-06
1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	3.8E-02	4.5E-13	1.67737E-06
1.0E-03	5.1E-10	1.6E-01	3.8E-02	3.0E-12	8.3E+00	1.3E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.9E-12	1.81842E-06
1.0E-03	6.0E-10	1.6E-01	3.8E-02	3.6E-12	8.9E+00	1.3E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.5E-12	2.03675E-06
1.0E-03	7.1E-10	1.6E-01	3.8E-02	4.3E-12	9.3E+00	1.3E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.8E-12	2.24776E-06
1.0E-03	8.4E-10	1.6E-01	3.8E-02	5.1E-12	9.5E+00	1.3E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.9E-12	2.45533E-06
1.0E-03	9.8E-10	1.6E-01	3.8E-02	5.9E-12	9.4E+00	1.3E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.9E-12	2.6484E-06
1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12	9.0E+00	1.3E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.5E-12	2.7902E-06
1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.6E-12	7.7E+00	1.3E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.4E-12	2.80855E-06
1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.4E-12	5.3E+00	1.3E-07	1.0E-03	7.3E-10	1.6E-01	3.8E-02	4.4E-12	2.68438E-06
1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.4E-12	3.4E+00	1.3E-07	1.0E-03	4.8E-10	1.6E-01	3.8E-02	2.9E-12	2.66885E-06
1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	2.3E+00	1.3E-07	1.0E-03	3.2E-10	1.6E-01	3.8E-02	1.9E-12	2.75124E-06
1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12	2.81772E-06
1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	2.79024E-06
1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11	9.4E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.9E-13	2.65761E-06
1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.9E-12	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.2E-13	2.44527E-06
1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.9E-12	6.1E-01	1.3E-07	1.0E-03	8.4E-11	1.6E-01	3.8E-02	5.0E-13	2.1921E-06
1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.9E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	3.8E-02	4.2E-13	1.93254E-06
1.0E-03	5.9E-10	1.6E-01	3.8E-02	3.5E-12	6.9E+00	1.3E-07	1.0E-03	9.5E-10	1.6E-01	3.8E-02	5.7E-12	1.74426E-06
1.0E-03	7.2E-10	1.6E-01	3.8E-02	4.3E-12	1.1E+01	1.3E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.2E-12	2.474E-06
1.0E-03	8.8E-10	1.6E-01	3.8E-02	5.3E-12	6.2E+00	1.3E-07	1.0E-03	8.5E-10	1.6E-01	3.8E-02	5.2E-12	2.07638E-06
1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.6E-12	6.1E+00	1.3E-07	1.0E-03	8.5E-10	1.6E-01	3.8E-02	5.1E-12	2.37024E-06
1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.1E-12	6.0E+00	1.3E-07	1.0E-03	8.3E-10	1.6E-01	3.8E-02	5.0E-12	2.70151E-06
1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.6E-12	5.4E+00	1.3E-07	1.0E-03	7.4E-10	1.6E-01	3.8E-02	4.5E-12	2.98095E-06
1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.1E-11	6.2E+00	1.3E-07	1.0E-03	8.6E-10	1.6E-01	3.8E-02	5.2E-12	3.45165E-06
1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11	7.1E+00	1.3E-07	1.0E-03	9.9E-10	1.6E-01	3.8E-02	6.0E-12	3.95937E-06
1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.5E-11	3.6E+00	1.3E-07	1.0E-03	5.0E-10	1.6E-01	3.8E-02	3.0E-12	3.91352E-06
1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11	2.2E+00	1.3E-07	1.0E-03	3.1E-10	1.6E-01	3.8E-02	1.9E-12	4.05953E-06
1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12	4.04551E-06

1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.5E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.2E-13	3.80482E-06
1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	8.5E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.1E-13	3.41684E-06
1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	6.7E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	3.8E-02	5.6E-13	2.97233E-06
1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	3.8E-02	4.5E-13	2.53794E-06
1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.8E-12	4.5E-01	1.3E-07	1.0E-03	6.3E-11	1.6E-01	3.8E-02	3.8E-13	2.14803E-06
1.0E-03	6.7E-10	1.6E-01	3.8E-02	4.1E-12	6.3E+00	1.3E-07	1.0E-03	8.8E-10	1.6E-01	3.8E-02	5.3E-12	1.79625E-06
1.0E-03	8.5E-10	1.6E-01	3.8E-02	5.1E-12	1.0E+01	1.3E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.5E-12	2.56411E-06
1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.7E-12	5.6E+00	1.3E-07	1.0E-03	7.8E-10	1.6E-01	3.8E-02	4.7E-12	2.31911E-06
1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.8E-12	5.5E+00	1.3E-07	1.0E-03	7.6E-10	1.6E-01	3.8E-02	4.6E-12	2.7975E-06
1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.2E-11	5.3E+00	1.3E-07	1.0E-03	7.3E-10	1.6E-01	3.8E-02	4.4E-12	3.42188E-06
1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11	4.5E+00	1.3E-07	1.0E-03	6.3E-10	1.6E-01	3.8E-02	3.8E-12	4.09736E-06
1.0E-03	3.0E-09	1.6E-01	3.8E-02	1.8E-11	5.2E+00	1.3E-07	1.0E-03	7.2E-10	1.6E-01	3.8E-02	4.4E-12	4.97784E-06
1.0E-03	3.6E-09	1.6E-01	3.8E-02	2.2E-11	6.0E+00	1.3E-07	1.0E-03	8.3E-10	1.6E-01	3.8E-02	5.0E-12	5.89363E-06
1.0E-03	4.1E-09	1.6E-01	3.8E-02	2.5E-11	3.0E+00	1.3E-07	1.0E-03	4.2E-10	1.6E-01	3.8E-02	2.5E-12	6.29652E-06
1.0E-03	4.3E-09	1.6E-01	3.8E-02	2.6E-11	1.9E+00	1.3E-07	1.0E-03	2.6E-10	1.6E-01	3.8E-02	1.6E-12	6.40032E-06
1.0E-03	4.0E-09	1.6E-01	3.8E-02	2.4E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12	5.91576E-06
1.0E-03	3.5E-09	1.6E-01	3.8E-02	2.1E-11	9.5E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	8.0E-13	5.10194E-06
1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.8E-11	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.2E-13	4.22879E-06
1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.4E-11	5.9E-01	1.3E-07	1.0E-03	8.2E-11	1.6E-01	3.8E-02	4.9E-13	3.44729E-06
1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.2E-11	4.8E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	3.8E-02	4.0E-13	2.79757E-06
1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.4E-12	4.0E-01	1.3E-07	1.0E-03	5.6E-11	1.6E-01	3.8E-02	3.4E-13	2.27725E-06
1.0E-03	7.6E-10	1.6E-01	3.8E-02	4.6E-12	7.0E+00	1.3E-07	1.0E-03	9.7E-10	1.6E-01	3.8E-02	5.8E-12	2.00968E-06
1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.0E-12	7.3E+00	1.3E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.1E-12	2.38565E-06
1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.3E-12	7.4E+00	1.3E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.1E-12	2.93109E-06
1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	7.3E+00	1.3E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.1E-12	3.75963E-06
1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.7E-11	7.0E+00	1.3E-07	1.0E-03	9.7E-10	1.6E-01	3.8E-02	5.9E-12	5.03436E-06
1.0E-03	4.2E-09	1.6E-01	3.8E-02	2.5E-11	6.4E+00	1.3E-07	1.0E-03	8.9E-10	1.6E-01	3.8E-02	5.4E-12	6.84214E-06
1.0E-03	5.7E-09	1.6E-01	3.8E-02	3.5E-11	5.2E+00	1.3E-07	1.0E-03	7.1E-10	1.6E-01	3.8E-02	4.3E-12	8.84366E-06
1.0E-03	7.3E-09	1.6E-01	3.8E-02	4.4E-11	3.4E+00	1.3E-07	1.0E-03	4.7E-10	1.6E-01	3.8E-02	2.9E-12	1.07916E-05
1.0E-03	8.0E-09	1.6E-01	3.8E-02	4.8E-11	2.2E+00	1.3E-07	1.0E-03	3.1E-10	1.6E-01	3.8E-02	1.8E-12	1.1649E-05
1.0E-03	7.2E-09	1.6E-01	3.8E-02	4.4E-11	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.2E-12	1.04759E-05
1.0E-03	5.8E-09	1.6E-01	3.8E-02	3.5E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.0E-13	8.37433E-06
1.0E-03	4.4E-09	1.6E-01	3.8E-02	2.7E-11	8.2E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.8E-13	6.42679E-06
1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.0E-11	6.4E-01	1.3E-07	1.0E-03	8.9E-11	1.6E-01	3.8E-02	5.4E-13	4.87335E-06
1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	3.8E-02	4.3E-13	3.7292E-06
1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	4.3E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	3.8E-02	3.6E-13	2.89345E-06
1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.5E-12	3.6E-01	1.3E-07	1.0E-03	5.0E-11	1.6E-01	3.8E-02	3.0E-13	2.28266E-06
1.0E-03	8.3E-10	1.6E-01	3.8E-02	5.0E-12	3.5E+00	1.3E-07	1.0E-03	4.9E-10	1.6E-01	3.8E-02	3.0E-12	1.6549E-06
1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12	3.8E+00	1.3E-07	1.0E-03	5.2E-10	1.6E-01	3.8E-02	3.1E-12	2.11141E-06
1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	3.8E+00	1.3E-07	1.0E-03	5.3E-10	1.6E-01	3.8E-02	3.2E-12	2.86621E-06
1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11	3.8E+00	1.3E-07	1.0E-03	5.3E-10	1.6E-01	3.8E-02	3.2E-12	4.20575E-06
1.0E-03	4.5E-09	1.6E-01	3.8E-02	2.7E-11	3.7E+00	1.3E-07	1.0E-03	5.1E-10	1.6E-01	3.8E-02	3.1E-12	6.84884E-06
1.0E-03	8.3E-09	1.6E-01	3.8E-02	5.0E-11	3.4E+00	1.3E-07	1.0E-03	4.7E-10	1.6E-01	3.8E-02	2.8E-12	1.22973E-05
1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.7E-11	2.9E+00	1.3E-07	1.0E-03	4.0E-10	1.6E-01	3.8E-02	2.4E-12	2.10021E-05
1.0E-03	1.9E-08	1.6E-01	3.8E-02	1.2E-10	2.2E+00	1.3E-07	1.0E-03	3.1E-10	1.6E-01	3.8E-02	1.9E-12	2.76359E-05
1.0E-03	1.7E-08	1.6E-01	3.8E-02	1.0E-10	1.6E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12	2.38004E-05
1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.8E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	1.61661E-05
1.0E-03	7.4E-09	1.6E-01	3.8E-02	4.5E-11	9.1E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.6E-13	1.06257E-05
1.0E-03	5.0E-09	1.6E-01	3.8E-02	3.0E-11	7.1E-01	1.3E-07	1.0E-03	9.8E-11	1.6E-01	3.8E-02	5.9E-13	7.20731E-06

1.0E-03	3.5E-09	1.6E-01	3.8E-02	2.1E-11	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	3.8E-02	4.7E-13	5.06939E-06
1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.5E-11	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	3.8E-02	3.9E-13	3.69989E-06
1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.2E-11	3.9E-01	1.3E-07	1.0E-03	5.4E-11	1.6E-01	3.8E-02	3.3E-13	2.78627E-06
1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.0E-12	3.3E-01	1.3E-07	1.0E-03	4.6E-11	1.6E-01	3.8E-02	2.8E-13	2.15882E-06
1.0E-03	8.7E-10	1.6E-01	3.8E-02	5.3E-12	2.2E+00	1.3E-07	1.0E-03	3.0E-10	1.6E-01	3.8E-02	1.8E-12	1.53466E-06
1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.4E-12	2.4E+00	1.3E-07	1.0E-03	3.3E-10	1.6E-01	3.8E-02	2.0E-12	2.04707E-06
1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.1E-11	2.4E+00	1.3E-07	1.0E-03	3.4E-10	1.6E-01	3.8E-02	2.0E-12	2.97223E-06
1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	2.4E+00	1.3E-07	1.0E-03	3.4E-10	1.6E-01	3.8E-02	2.0E-12	4.83043E-06
1.0E-03	6.4E-09	1.6E-01	3.8E-02	3.9E-11	2.4E+00	1.3E-07	1.0E-03	3.3E-10	1.6E-01	3.8E-02	2.0E-12	9.48992E-06
1.0E-03	1.8E-08	1.6E-01	3.8E-02	1.1E-10	2.2E+00	1.3E-07	1.0E-03	3.0E-10	1.6E-01	3.8E-02	1.8E-12	2.62779E-05
1.0E-03	6.9E-08	1.6E-01	3.8E-02	4.2E-10	1.9E+00	1.3E-07	1.0E-03	2.7E-10	1.6E-01	3.8E-02	1.6E-12	9.87621E-05
1.0E-03	7.8E-08	1.6E-01	3.8E-02	4.7E-10	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.3E-12	0.000111229
1.0E-03	3.1E-08	1.6E-01	3.8E-02	1.9E-10	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12	4.38567E-05
1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.5E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.4E-13	2.01823E-05
1.0E-03	7.8E-09	1.6E-01	3.8E-02	4.7E-11	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.6E-13	1.11451E-05
1.0E-03	4.8E-09	1.6E-01	3.8E-02	2.9E-11	6.3E-01	1.3E-07	1.0E-03	8.7E-11	1.6E-01	3.8E-02	5.3E-13	6.96939E-06
1.0E-03	3.3E-09	1.6E-01	3.8E-02	2.0E-11	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	3.8E-02	4.3E-13	4.70386E-06
1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	4.3E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	3.8E-02	3.6E-13	3.36518E-06
1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	3.6E-01	1.3E-07	1.0E-03	5.0E-11	1.6E-01	3.8E-02	3.0E-13	2.51261E-06
1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.1E-12	3.1E-01	1.3E-07	1.0E-03	4.2E-11	1.6E-01	3.8E-02	2.6E-13	1.94207E-06
1.0E-03	8.8E-10	1.6E-01	3.8E-02	5.3E-12	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12	1.45457E-06
1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.5E-12	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.4E-12	1.98591E-06
1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.2E-11	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12	2.94648E-06
1.0E-03	3.3E-09	1.6E-01	3.8E-02	2.0E-11	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	3.8E-02	1.4E-12	4.92621E-06
1.0E-03	7.1E-09	1.6E-01	3.8E-02	4.3E-11	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12	1.02552E-05
1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.4E-11	8.5E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.1E-13	1.76639E-05
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1.0E-03	4.1E-09	1.6E-01	3.8E-02	2.5E-11	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	3.8E-02	4.7E-13	5.89046E-06
1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	3.8E-02	3.9E-13	3.99371E-06
1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	3.9E-01	1.3E-07	1.0E-03	5.5E-11	1.6E-01	3.8E-02	3.3E-13	2.88181E-06
1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.0E-12	3.3E-01	1.3E-07	1.0E-03	4.6E-11	1.6E-01	3.8E-02	2.8E-13	2.17359E-06
1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.0E-12	2.9E-01	1.3E-07	1.0E-03	4.0E-11	1.6E-01	3.8E-02	2.4E-13	1.69498E-06
1.0E-03	8.5E-10	1.6E-01	3.8E-02	5.1E-12	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.1E-13	1.35196E-06
1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.1E-12	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.8E-13	1.82859E-06
1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.1E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	2.64373E-06
1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.7E-11	1.3E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	4.23819E-06
1.0E-03	5.3E-09	1.6E-01	3.8E-02	3.2E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	7.63814E-06
1.0E-03	8.3E-09	1.6E-01	3.8E-02	5.0E-11	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.0E-13	1.19085E-05
1.0E-03	5.0E-09	1.6E-01	3.8E-02	3.0E-11	6.1E-01	1.3E-07	1.0E-03	8.4E-11	1.6E-01	3.8E-02	5.1E-13	7.14056E-06
1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	3.8E-02	4.2E-13	4.63217E-06
1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	4.3E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	3.8E-02	3.6E-13	3.30016E-06
1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	3.7E-01	1.3E-07	1.0E-03	5.1E-11	1.6E-01	3.8E-02	3.1E-13	2.43067E-06
1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.7E-12	3.1E-01	1.3E-07	1.0E-03	4.4E-11	1.6E-01	3.8E-02	2.6E-13	1.86455E-06
1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.1E-12	2.7E-01	1.3E-07	1.0E-03	3.8E-11	1.6E-01	3.8E-02	2.3E-13	1.47367E-06
1.0E-03	7.8E-10	1.6E-01	3.8E-02	4.7E-12	8.3E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	6.9E-13	1.22539E-06
1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.4E-12	9.0E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.5E-13	1.6179E-06
1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.9E-12	9.4E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.9E-13	2.22684E-06
1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	9.6E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	8.0E-13	3.29994E-06
1.0E-03	3.5E-09	1.6E-01	3.8E-02	2.1E-11	9.6E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	8.0E-13	5.06073E-06

1.0E-03	5.4E-09	1.6E-01	3.8E-02	3.2E-11	6.1E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	3.8E-02	5.1E-13	7.72749E-06
1.0E-03	3.7E-09	1.6E-01	3.8E-02	2.2E-11	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	3.8E-02	4.4E-13	5.27288E-06
1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.5E-11	4.6E-01	1.3E-07	1.0E-03	6.3E-11	1.6E-01	3.8E-02	3.8E-13	3.71414E-06
1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.2E-11	4.0E-01	1.3E-07	1.0E-03	5.5E-11	1.6E-01	3.8E-02	3.3E-13	2.7752E-06
1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.7E-12	3.4E-01	1.3E-07	1.0E-03	4.7E-11	1.6E-01	3.8E-02	2.9E-13	2.09049E-06
1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.7E-12	3.0E-01	1.3E-07	1.0E-03	4.1E-11	1.6E-01	3.8E-02	2.5E-13	1.62991E-06
1.0E-03	8.9E-10	1.6E-01	3.8E-02	5.4E-12	2.6E-01	1.3E-07	1.0E-03	3.6E-11	1.6E-01	3.8E-02	2.2E-13	1.30356E-06
1.0E-03	7.0E-10	1.6E-01	3.8E-02	4.2E-12	6.5E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	3.8E-02	5.5E-13	1.08324E-06
1.0E-03	9.0E-10	1.6E-01	3.8E-02	5.4E-12	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	3.8E-02	5.9E-13	1.37452E-06
1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.3E-12	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.2E-13	1.8181E-06
1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	7.6E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.3E-13	2.48756E-06
1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.4E-11	7.6E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.3E-13	3.51503E-06
1.0E-03	3.8E-09	1.6E-01	3.8E-02	2.3E-11	5.3E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	3.8E-02	4.5E-13	5.5234E-06
1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	3.8E-02	3.9E-13	4.10083E-06
1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11	4.1E-01	1.3E-07	1.0E-03	5.7E-11	1.6E-01	3.8E-02	3.4E-13	3.02234E-06
1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.9E-12	3.6E-01	1.3E-07	1.0E-03	5.0E-11	1.6E-01	3.8E-02	3.0E-13	2.38103E-06
1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.6E-12	3.2E-01	1.3E-07	1.0E-03	4.4E-11	1.6E-01	3.8E-02	2.6E-13	1.84253E-06
1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.0E-12	2.8E-01	1.3E-07	1.0E-03	3.9E-11	1.6E-01	3.8E-02	2.3E-13	1.45951E-06
1.0E-03	8.1E-10	1.6E-01	3.8E-02	4.9E-12	2.4E-01	1.3E-07	1.0E-03	3.4E-11	1.6E-01	3.8E-02	2.0E-13	1.17971E-06
1.0E-03	6.1E-10	1.6E-01	3.8E-02	3.7E-12	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	3.8E-02	4.4E-13	9.38748E-07
1.0E-03	7.6E-10	1.6E-01	3.8E-02	4.6E-12	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	3.8E-02	4.7E-13	1.16083E-06
1.0E-03	9.8E-10	1.6E-01	3.8E-02	5.9E-12	6.0E-01	1.3E-07	1.0E-03	8.2E-11	1.6E-01	3.8E-02	5.0E-13	1.46681E-06
1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.8E-12	6.1E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	3.8E-02	5.1E-13	1.91215E-06
1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11	6.2E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	3.8E-02	5.1E-13	2.57958E-06
1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	6.1E-01	1.3E-07	1.0E-03	8.4E-11	1.6E-01	3.8E-02	5.0E-13	3.40602E-06
1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.7E-11	5.8E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	3.8E-02	4.9E-13	4.17798E-06
1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	3.8E-02	4.6E-13	4.60001E-06
1.0E-03	3.1E-09	1.6E-01	3.8E-02	1.9E-11	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	3.8E-02	4.2E-13	4.49136E-06
1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	3.8E-02	3.9E-13	3.94797E-06
1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.4E-11	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	3.8E-02	3.5E-13	3.24601E-06
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1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12	2.9E-01	1.3E-07	1.0E-03	4.1E-11	1.6E-01	3.8E-02	2.5E-13	1.64133E-06
1.0E-03	9.1E-10	1.6E-01	3.8E-02	5.5E-12	2.6E-01	1.3E-07	1.0E-03	3.6E-11	1.6E-01	3.8E-02	2.2E-13	1.32434E-06
1.0E-03	7.4E-10	1.6E-01	3.8E-02	4.5E-12	2.3E-01	1.3E-07	1.0E-03	3.2E-11	1.6E-01	3.8E-02	1.9E-13	1.08412E-06
1.0E-03	5.3E-10	1.6E-01	3.8E-02	3.2E-12	4.4E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	3.8E-02	3.6E-13	8.15642E-07
1.0E-03	6.5E-10	1.6E-01	3.8E-02	3.9E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	3.8E-02	3.9E-13	9.84494E-07
1.0E-03	8.0E-10	1.6E-01	3.8E-02	4.8E-12	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	3.8E-02	4.1E-13	1.20672E-06
1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.2E-12	5.0E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	3.8E-02	4.2E-13	1.52399E-06
1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.0E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	3.8E-02	4.2E-13	1.95294E-06
1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	5.0E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	3.8E-02	4.2E-13	2.4209E-06
1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	4.9E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	3.8E-02	4.1E-13	2.84941E-06
1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11	4.7E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	3.8E-02	3.9E-13	3.11513E-06
1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	4.4E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	3.8E-02	3.6E-13	3.13027E-06
1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	4.0E-01	1.3E-07	1.0E-03	5.6E-11	1.6E-01	3.8E-02	3.4E-13	2.89346E-06
1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.1E-11	3.7E-01	1.3E-07	1.0E-03	5.1E-11	1.6E-01	3.8E-02	3.1E-13	2.53307E-06
1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.8E-12	3.3E-01	1.3E-07	1.0E-03	4.6E-11	1.6E-01	3.8E-02	2.8E-13	2.12347E-06
1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.0E-12	2.9E-01	1.3E-07	1.0E-03	4.1E-11	1.6E-01	3.8E-02	2.5E-13	1.68088E-06
1.0E-03	9.9E-10	1.6E-01	3.8E-02	5.9E-12	2.7E-01	1.3E-07	1.0E-03	3.7E-11	1.6E-01	3.8E-02	2.3E-13	1.43791E-06

1.0E-03	8.2E-10	1.6E-01	3.8E-02	5.0E-12	2.4E-01	1.3E-07	1.0E-03	3.4E-11	1.6E-01	3.8E-02	2.0E-13	1.20349E-06
1.0E-03	6.8E-10	1.6E-01	3.8E-02	4.1E-12	2.2E-01	1.3E-07	1.0E-03	3.0E-11	1.6E-01	3.8E-02	1.8E-13	1.00107E-06
1.0E-03	4.7E-10	1.6E-01	3.8E-02	2.8E-12	3.7E-01	1.3E-07	1.0E-03	5.1E-11	1.6E-01	3.8E-02	3.1E-13	7.11213E-07
1.0E-03	5.6E-10	1.6E-01	3.8E-02	3.4E-12	3.9E-01	1.3E-07	1.0E-03	5.4E-11	1.6E-01	3.8E-02	3.3E-13	8.4293E-07
1.0E-03	6.8E-10	1.6E-01	3.8E-02	4.1E-12	4.1E-01	1.3E-07	1.0E-03	5.7E-11	1.6E-01	3.8E-02	3.4E-13	1.01667E-06
1.0E-03	8.4E-10	1.6E-01	3.8E-02	5.0E-12	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	3.8E-02	3.5E-13	1.24484E-06
1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.2E-12	4.3E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	3.8E-02	3.6E-13	1.51945E-06
1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.4E-12	4.2E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	3.8E-02	3.5E-13	1.81138E-06
1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.6E-12	4.1E-01	1.3E-07	1.0E-03	5.7E-11	1.6E-01	3.8E-02	3.4E-13	2.07324E-06
1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.3E-12	4.0E-01	1.3E-07	1.0E-03	5.5E-11	1.6E-01	3.8E-02	3.3E-13	2.24586E-06
1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.5E-12	3.8E-01	1.3E-07	1.0E-03	5.2E-11	1.6E-01	3.8E-02	3.1E-13	2.28359E-06
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1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.9E-12	3.2E-01	1.3E-07	1.0E-03	4.4E-11	1.6E-01	3.8E-02	2.7E-13	1.91848E-06
1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.0E-12	3.0E-01	1.3E-07	1.0E-03	4.1E-11	1.6E-01	3.8E-02	2.5E-13	1.69705E-06
1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.0E-12	2.7E-01	1.3E-07	1.0E-03	3.7E-11	1.6E-01	3.8E-02	2.3E-13	1.45772E-06
1.0E-03	8.3E-10	1.6E-01	3.8E-02	5.0E-12	2.4E-01	1.3E-07	1.0E-03	3.3E-11	1.6E-01	3.8E-02	2.0E-13	1.21149E-06
1.0E-03	7.4E-10	1.6E-01	3.8E-02	4.4E-12	2.3E-01	1.3E-07	1.0E-03	3.1E-11	1.6E-01	3.8E-02	1.9E-13	1.0801E-06
1.0E-03	6.3E-10	1.6E-01	3.8E-02	3.8E-12	2.1E-01	1.3E-07	1.0E-03	2.8E-11	1.6E-01	3.8E-02	1.7E-13	9.22116E-07
1.0E-03	4.1E-10	1.6E-01	3.8E-02	2.5E-12	3.1E-01	1.3E-07	1.0E-03	4.3E-11	1.6E-01	3.8E-02	2.6E-13	6.24464E-07
1.0E-03	4.8E-10	1.6E-01	3.8E-02	2.9E-12	3.3E-01	1.3E-07	1.0E-03	4.6E-11	1.6E-01	3.8E-02	2.8E-13	7.30715E-07
1.0E-03	5.7E-10	1.6E-01	3.8E-02	3.5E-12	3.5E-01	1.3E-07	1.0E-03	4.8E-11	1.6E-01	3.8E-02	2.9E-13	8.63042E-07
1.0E-03	6.9E-10	1.6E-01	3.8E-02	4.1E-12	3.6E-01	1.3E-07	1.0E-03	4.9E-11	1.6E-01	3.8E-02	3.0E-13	1.02659E-06
1.0E-03	8.2E-10	1.6E-01	3.8E-02	4.9E-12	3.6E-01	1.3E-07	1.0E-03	5.0E-11	1.6E-01	3.8E-02	3.0E-13	1.21548E-06
1.0E-03	9.6E-10	1.6E-01	3.8E-02	5.8E-12	3.6E-01	1.3E-07	1.0E-03	5.0E-11	1.6E-01	3.8E-02	3.0E-13	1.40825E-06
1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.5E-12	3.5E-01	1.3E-07	1.0E-03	4.9E-11	1.6E-01	3.8E-02	3.0E-13	1.57838E-06
1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.0E-12	3.4E-01	1.3E-07	1.0E-03	4.7E-11	1.6E-01	3.8E-02	2.9E-13	1.68853E-06
1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.1E-12	3.3E-01	1.3E-07	1.0E-03	4.5E-11	1.6E-01	3.8E-02	2.7E-13	1.72705E-06
1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.9E-12	3.1E-01	1.3E-07	1.0E-03	4.3E-11	1.6E-01	3.8E-02	2.6E-13	1.67449E-06
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1.0E-03	9.9E-10	1.6E-01	3.8E-02	6.0E-12	2.7E-01	1.3E-07	1.0E-03	3.8E-11	1.6E-01	3.8E-02	2.3E-13	1.4488E-06
1.0E-03	8.8E-10	1.6E-01	3.8E-02	5.3E-12	2.5E-01	1.3E-07	1.0E-03	3.5E-11	1.6E-01	3.8E-02	2.1E-13	1.28573E-06
1.0E-03	7.2E-10	1.6E-01	3.8E-02	4.4E-12	2.2E-01	1.3E-07	1.0E-03	3.1E-11	1.6E-01	3.8E-02	1.9E-13	1.06025E-06
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1.0E-03	5.7E-10	1.6E-01	3.8E-02	3.5E-12	1.9E-01	1.3E-07	1.0E-03	2.7E-11	1.6E-01	3.8E-02	1.6E-13	8.40975E-07
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1.0E-03	8.5E-10	1.6E-01	3.8E-02	5.1E-12	3.1E-01	1.3E-07	1.0E-03	4.2E-11	1.6E-01	3.8E-02	2.6E-13	1.2453E-06
1.0E-03	9.0E-10	1.6E-01	3.8E-02	5.5E-12	3.0E-01	1.3E-07	1.0E-03	4.1E-11	1.6E-01	3.8E-02	2.5E-13	1.32714E-06
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1.0E-03	9.2E-10	1.6E-01	3.8E-02	5.5E-12	2.7E-01	1.3E-07	1.0E-03	3.8E-11	1.6E-01	3.8E-02	2.3E-13	1.34284E-06
1.0E-03	8.8E-10	1.6E-01	3.8E-02	5.3E-12	2.6E-01	1.3E-07	1.0E-03	3.6E-11	1.6E-01	3.8E-02	2.2E-13	1.29056E-06
1.0E-03	8.2E-10	1.6E-01	3.8E-02	5.0E-12	2.4E-01	1.3E-07	1.0E-03	3.4E-11	1.6E-01	3.8E-02	2.0E-13	1.20422E-06
1.0E-03	7.5E-10	1.6E-01	3.8E-02	4.5E-12	2.3E-01	1.3E-07	1.0E-03	3.2E-11	1.6E-01	3.8E-02	1.9E-13	1.09793E-06
1.0E-03	6.7E-10	1.6E-01	3.8E-02	4.0E-12	2.1E-01	1.3E-07	1.0E-03	2.9E-11	1.6E-01	3.8E-02	1.8E-13	9.79361E-07
1.0E-03	5.6E-10	1.6E-01	3.8E-02	3.4E-12	1.9E-01	1.3E-07	1.0E-03	2.6E-11	1.6E-01	3.8E-02	1.6E-13	8.17176E-07

1.0E-03	4.9E-10	1.6E-01	3.8E-02	3.0E-12	1.7E-01	1.3E-07	1.0E-03	2.4E-11	1.6E-01	3.8E-02	1.4E-13	7.21172E-07
1.0E-03	3.2E-10	1.6E-01	3.8E-02	1.9E-12	2.4E-01	1.3E-07	1.0E-03	3.3E-11	1.6E-01	3.8E-02	2.0E-13	4.87713E-07
1.0E-03	3.7E-10	1.6E-01	3.8E-02	2.2E-12	2.5E-01	1.3E-07	1.0E-03	3.5E-11	1.6E-01	3.8E-02	2.1E-13	5.56766E-07
1.0E-03	4.2E-10	1.6E-01	3.8E-02	2.6E-12	2.6E-01	1.3E-07	1.0E-03	3.6E-11	1.6E-01	3.8E-02	2.2E-13	6.37606E-07
1.0E-03	4.9E-10	1.6E-01	3.8E-02	2.9E-12	2.7E-01	1.3E-07	1.0E-03	3.7E-11	1.6E-01	3.8E-02	2.2E-13	7.2804E-07
1.0E-03	5.6E-10	1.6E-01	3.8E-02	3.4E-12	2.7E-01	1.3E-07	1.0E-03	3.7E-11	1.6E-01	3.8E-02	2.2E-13	8.27944E-07
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1.0E-03	6.8E-10	1.6E-01	3.8E-02	4.1E-12	2.7E-01	1.3E-07	1.0E-03	3.7E-11	1.6E-01	3.8E-02	2.2E-13	1.00895E-06
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1.0E-03	7.5E-10	1.6E-01	3.8E-02	4.5E-12	2.5E-01	1.3E-07	1.0E-03	3.5E-11	1.6E-01	3.8E-02	2.1E-13	1.09715E-06
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1.0E-03	6.4E-10	1.6E-01	3.8E-02	3.9E-12	2.1E-01	1.3E-07	1.0E-03	2.9E-11	1.6E-01	3.8E-02	1.7E-13	9.37988E-07
1.0E-03	5.9E-10	1.6E-01	3.8E-02	3.5E-12	1.9E-01	1.3E-07	1.0E-03	2.7E-11	1.6E-01	3.8E-02	1.6E-13	8.58881E-07
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1.0E-03	4.7E-10	1.6E-01	3.8E-02	2.8E-12	2.4E-01	1.3E-07	1.0E-03	3.3E-11	1.6E-01	3.8E-02	2.0E-13	7.00725E-07
1.0E-03	5.2E-10	1.6E-01	3.8E-02	3.1E-12	2.4E-01	1.3E-07	1.0E-03	3.3E-11	1.6E-01	3.8E-02	2.0E-13	7.72833E-07
1.0E-03	5.6E-10	1.6E-01	3.8E-02	3.4E-12	2.4E-01	1.3E-07	1.0E-03	3.3E-11	1.6E-01	3.8E-02	2.0E-13	8.34776E-07
1.0E-03	6.0E-10	1.6E-01	3.8E-02	3.6E-12	2.3E-01	1.3E-07	1.0E-03	3.2E-11	1.6E-01	3.8E-02	1.9E-13	8.79394E-07
1.0E-03	6.1E-10	1.6E-01	3.8E-02	3.7E-12	2.3E-01	1.3E-07	1.0E-03	3.1E-11	1.6E-01	3.8E-02	1.9E-13	9.02663E-07
1.0E-03	6.2E-10	1.6E-01	3.8E-02	3.7E-12	2.2E-01	1.3E-07	1.0E-03	3.0E-11	1.6E-01	3.8E-02	1.8E-13	9.04115E-07
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1.0E-03	5.8E-10	1.6E-01	3.8E-02	3.5E-12	2.0E-01	1.3E-07	1.0E-03	2.8E-11	1.6E-01	3.8E-02	1.7E-13	8.51794E-07
1.0E-03	5.5E-10	1.6E-01	3.8E-02	3.3E-12	1.9E-01	1.3E-07	1.0E-03	2.6E-11	1.6E-01	3.8E-02	1.6E-13	8.04907E-07
1.0E-03	5.1E-10	1.6E-01	3.8E-02	3.1E-12	1.8E-01	1.3E-07	1.0E-03	2.5E-11	1.6E-01	3.8E-02	1.5E-13	7.49554E-07
1.0E-03	4.6E-10	1.6E-01	3.8E-02	2.8E-12	1.7E-01	1.3E-07	1.0E-03	2.3E-11	1.6E-01	3.8E-02	1.4E-13	6.8351E-07
1.0E-03	4.0E-10	1.6E-01	3.8E-02	2.4E-12	1.5E-01	1.3E-07	1.0E-03	2.1E-11	1.6E-01	3.8E-02	1.3E-13	5.91299E-07
1.0E-03	1.8E-08	1.6E-01	3.8E-02	1.1E-10	2.2E+00	1.3E-07	1.0E-03	3.0E-10	1.6E-01	3.8E-02	1.8E-12	2.62779E-05
1.0E-03	2.4E-08	1.6E-01	3.8E-02	1.4E-10	2.2E+00	1.3E-07	1.0E-03	3.0E-10	1.6E-01	3.8E-02	1.8E-12	3.38107E-05
1.0E-03	3.1E-08	1.6E-01	3.8E-02	1.9E-10	2.1E+00	1.3E-07	1.0E-03	2.9E-10	1.6E-01	3.8E-02	1.8E-12	4.43593E-05
1.0E-03	4.1E-08	1.6E-01	3.8E-02	2.5E-10	2.1E+00	1.3E-07	1.0E-03	2.8E-10	1.6E-01	3.8E-02	1.7E-12	5.87646E-05
1.0E-03	5.5E-08	1.6E-01	3.8E-02	3.3E-10	2.0E+00	1.3E-07	1.0E-03	2.8E-10	1.6E-01	3.8E-02	1.7E-12	7.80844E-05
1.0E-03	6.9E-08	1.6E-01	3.8E-02	4.2E-10	1.9E+00	1.3E-07	1.0E-03	2.7E-10	1.6E-01	3.8E-02	1.6E-12	9.87621E-05
1.0E-03	8.1E-08	1.6E-01	3.8E-02	4.9E-10	1.9E+00	1.3E-07	1.0E-03	2.6E-10	1.6E-01	3.8E-02	1.6E-12	0.000115562
1.0E-03	8.8E-08	1.6E-01	3.8E-02	5.3E-10	1.8E+00	1.3E-07	1.0E-03	2.5E-10	1.6E-01	3.8E-02	1.5E-12	0.000124983
1.0E-03	9.0E-08	1.6E-01	3.8E-02	5.4E-10	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	3.8E-02	1.5E-12	0.000128266
1.0E-03	8.7E-08	1.6E-01	3.8E-02	5.3E-10	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12	0.000124192
1.0E-03	7.8E-08	1.6E-01	3.8E-02	4.7E-10	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.3E-12	0.000111229
1.0E-03	6.6E-08	1.6E-01	3.8E-02	4.0E-10	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12	9.42773E-05
1.0E-03	5.4E-08	1.6E-01	3.8E-02	3.3E-10	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	3.8E-02	1.2E-12	7.76716E-05
1.0E-03	4.5E-08	1.6E-01	3.8E-02	2.7E-10	1.4E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	3.8E-02	1.2E-12	6.37009E-05
1.0E-03	3.7E-08	1.6E-01	3.8E-02	2.2E-10	1.3E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	3.8E-02	1.1E-12	5.25035E-05
1.0E-03	3.1E-08	1.6E-01	3.8E-02	1.9E-10	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12	4.38567E-05

1.0E-03	2.6E-08	1.6E-01	3.8E-02	1.6E-10	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	3.69278E-05
1.0E-03	2.2E-08	1.6E-01	3.8E-02	1.3E-10	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.7E-13	3.1359E-05
1.0E-03	1.9E-08	1.6E-01	3.8E-02	1.1E-10	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.3E-13	2.68564E-05
1.0E-03	1.6E-08	1.6E-01	3.8E-02	9.8E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	8.8E-13	2.32038E-05
1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.5E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.4E-13	2.01823E-05
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1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.6E-11	9.1E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.6E-13	1.56104E-05
1.0E-03	9.7E-09	1.6E-01	3.8E-02	5.8E-11	8.7E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.2E-13	1.38834E-05
1.0E-03	8.6E-09	1.6E-01	3.8E-02	5.2E-11	8.3E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.9E-13	1.24031E-05
1.0E-03	7.8E-09	1.6E-01	3.8E-02	4.7E-11	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.6E-13	1.11451E-05
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1.0E-03	2.8E-08	1.6E-01	3.8E-02	1.7E-10	2.0E+00	1.3E-07	1.0E-03	2.8E-10	1.6E-01	3.8E-02	1.7E-12	4.00458E-05
1.0E-03	3.9E-08	1.6E-01	3.8E-02	2.3E-10	2.0E+00	1.3E-07	1.0E-03	2.7E-10	1.6E-01	3.8E-02	1.6E-12	5.54245E-05
1.0E-03	5.5E-08	1.6E-01	3.8E-02	3.3E-10	1.9E+00	1.3E-07	1.0E-03	2.7E-10	1.6E-01	3.8E-02	1.6E-12	7.89487E-05
1.0E-03	2.0E-08	1.6E-01	3.8E-02	1.2E-10	1.9E+00	1.3E-07	1.0E-03	2.6E-10	1.6E-01	3.8E-02	1.6E-12	2.82697E-05
1.0E-03	2.8E-08	1.6E-01	3.8E-02	1.7E-10	1.8E+00	1.3E-07	1.0E-03	2.5E-10	1.6E-01	3.8E-02	1.5E-12	4.02056E-05
1.0E-03	4.1E-08	1.6E-01	3.8E-02	2.5E-10	1.8E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	3.8E-02	1.5E-12	5.83959E-05
1.0E-03	6.0E-08	1.6E-01	3.8E-02	3.6E-10	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	3.8E-02	1.4E-12	8.51126E-05
1.0E-03	6.1E-08	1.6E-01	3.8E-02	3.7E-10	1.6E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12	8.69161E-05
1.0E-03	4.5E-08	1.6E-01	3.8E-02	2.7E-10	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.3E-12	6.42308E-05
1.0E-03	3.4E-08	1.6E-01	3.8E-02	2.0E-10	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12	4.85345E-05
1.0E-03	8.8E-08	1.6E-01	3.8E-02	5.3E-10	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	3.8E-02	1.2E-12	0.000125449
1.0E-03	6.7E-08	1.6E-01	3.8E-02	4.0E-10	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	3.8E-02	1.2E-12	9.49668E-05
1.0E-03	5.2E-08	1.6E-01	3.8E-02	3.1E-10	1.3E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	3.8E-02	1.1E-12	7.34793E-05
1.0E-03	4.1E-08	1.6E-01	3.8E-02	2.5E-10	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12	5.80895E-05
1.0E-03	3.3E-08	1.6E-01	3.8E-02	2.0E-10	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	4.71273E-05
1.0E-03	2.7E-08	1.6E-01	3.8E-02	1.6E-10	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.8E-13	3.88537E-05
1.0E-03	2.3E-08	1.6E-01	3.8E-02	1.4E-10	1.1E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.3E-13	3.24757E-05
1.0E-03	1.9E-08	1.6E-01	3.8E-02	1.2E-10	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	8.9E-13	2.74659E-05
1.0E-03	1.6E-08	1.6E-01	3.8E-02	9.9E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.5E-13	2.34857E-05
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1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.4E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.7E-13	1.76228E-05
1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.5E-11	8.8E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.4E-13	1.55148E-05
1.0E-03	9.6E-09	1.6E-01	3.8E-02	5.8E-11	8.4E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.0E-13	1.37345E-05
1.0E-03	8.5E-09	1.6E-01	3.8E-02	5.1E-11	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.7E-13	1.22291E-05
1.0E-03	7.6E-09	1.6E-01	3.8E-02	4.6E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.4E-13	1.09596E-05
1.0E-03	2.3E-08	1.6E-01	3.8E-02	1.4E-10	1.9E+00	1.3E-07	1.0E-03	2.6E-10	1.6E-01	3.8E-02	1.6E-12	3.31064E-05
1.0E-03	3.2E-08	1.6E-01	3.8E-02	1.9E-10	1.9E+00	1.3E-07	1.0E-03	2.6E-10	1.6E-01	3.8E-02	1.6E-12	4.5931E-05
1.0E-03	4.7E-08	1.6E-01	3.8E-02	2.8E-10	1.8E+00	1.3E-07	1.0E-03	2.5E-10	1.6E-01	3.8E-02	1.5E-12	6.71468E-05
1.0E-03	7.3E-08	1.6E-01	3.8E-02	4.4E-10	1.8E+00	1.3E-07	1.0E-03	2.5E-10	1.6E-01	3.8E-02	1.5E-12	0.000104053
1.0E-03	2.3E-08	1.6E-01	3.8E-02	1.4E-10	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	3.8E-02	1.5E-12	3.3066E-05
1.0E-03	3.5E-08	1.6E-01	3.8E-02	2.1E-10	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	3.8E-02	1.4E-12	5.00657E-05
1.0E-03	5.6E-08	1.6E-01	3.8E-02	3.4E-10	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12	8.00146E-05
1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.3E-12	9.13472E-06
1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.6E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12	7.78658E-06
1.0E-03	5.6E-08	1.6E-01	3.8E-02	3.4E-10	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.2E-12	7.97013E-05
1.0E-03	3.9E-08	1.6E-01	3.8E-02	2.3E-10	1.4E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	3.8E-02	1.2E-12	5.54378E-05
1.0E-03	2.9E-08	1.6E-01	3.8E-02	1.7E-10	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	3.8E-02	1.2E-12	4.1249E-05
1.0E-03	7.9E-08	1.6E-01	3.8E-02	4.8E-10	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12	0.000112782

1.0E-03	5.7E-08	1.6E-01	3.8E-02	3.4E-10	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12	8.15594E-05
1.0E-03	4.3E-08	1.6E-01	3.8E-02	2.6E-10	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	6.20195E-05
1.0E-03	3.4E-08	1.6E-01	3.8E-02	2.1E-10	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.8E-13	4.90744E-05
1.0E-03	2.8E-08	1.6E-01	3.8E-02	1.7E-10	1.1E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.4E-13	3.97806E-05
1.0E-03	2.3E-08	1.6E-01	3.8E-02	1.4E-10	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.0E-13	3.28211E-05
1.0E-03	1.9E-08	1.6E-01	3.8E-02	1.2E-10	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.6E-13	2.74923E-05
1.0E-03	1.6E-08	1.6E-01	3.8E-02	9.8E-11	9.8E-01	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.2E-13	2.3329E-05
1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.4E-11	9.4E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.8E-13	2.00106E-05
1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.3E-11	9.0E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.5E-13	1.73594E-05
1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.4E-11	8.6E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.1E-13	1.52247E-05
1.0E-03	9.4E-09	1.6E-01	3.8E-02	5.6E-11	8.2E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.8E-13	1.34428E-05
1.0E-03	8.3E-09	1.6E-01	3.8E-02	5.0E-11	7.8E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.5E-13	1.19485E-05
1.0E-03	7.4E-09	1.6E-01	3.8E-02	4.5E-11	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.2E-13	1.06925E-05
1.0E-03	2.4E-08	1.6E-01	3.8E-02	1.5E-10	1.8E+00	1.3E-07	1.0E-03	2.5E-10	1.6E-01	3.8E-02	1.5E-12	3.49956E-05
1.0E-03	3.5E-08	1.6E-01	3.8E-02	2.1E-10	1.8E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	3.8E-02	1.5E-12	4.98687E-05
1.0E-03	5.3E-08	1.6E-01	3.8E-02	3.2E-10	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	3.8E-02	1.4E-12	7.57982E-05
1.0E-03	1.7E-08	1.6E-01	3.8E-02	1.0E-10	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12	2.72915E-05
1.0E-03	2.5E-08	1.6E-01	3.8E-02	1.5E-10	1.6E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12	3.6329E-05
1.0E-03	4.0E-08	1.6E-01	3.8E-02	2.4E-10	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.3E-12	5.72725E-05
1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.3E-12	5.10499E-06
1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12	1.312E-05
1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	3.8E-02	1.2E-12	1.00391E-05
1.0E-03	6.4E-08	1.6E-01	3.8E-02	3.8E-10	1.4E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	3.8E-02	1.2E-12	9.09584E-05
1.0E-03	4.1E-08	1.6E-01	3.8E-02	2.5E-10	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	3.8E-02	1.1E-12	5.91379E-05
1.0E-03	3.0E-08	1.6E-01	3.8E-02	1.8E-10	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12	4.25102E-05
1.0E-03	8.8E-08	1.6E-01	3.8E-02	5.3E-10	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12	0.000124998
1.0E-03	6.0E-08	1.6E-01	3.8E-02	3.6E-10	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	8.52956E-05
1.0E-03	4.4E-08	1.6E-01	3.8E-02	2.7E-10	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.8E-13	6.31936E-05
1.0E-03	3.4E-08	1.6E-01	3.8E-02	2.1E-10	1.1E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.4E-13	4.91807E-05
1.0E-03	2.8E-08	1.6E-01	3.8E-02	1.7E-10	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.0E-13	3.94553E-05
1.0E-03	2.3E-08	1.6E-01	3.8E-02	1.4E-10	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.6E-13	3.23035E-05
1.0E-03	1.9E-08	1.6E-01	3.8E-02	1.1E-10	9.9E-01	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.3E-13	2.6925E-05
1.0E-03	1.6E-08	1.6E-01	3.8E-02	9.6E-11	9.5E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.9E-13	2.27697E-05
1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.2E-11	9.1E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.6E-13	1.94795E-05
1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.1E-11	8.7E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.2E-13	1.68808E-05
1.0E-03	1.0E-08	1.6E-01	3.8E-02	6.2E-11	8.3E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.9E-13	1.47666E-05
1.0E-03	9.1E-09	1.6E-01	3.8E-02	5.5E-11	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.6E-13	1.30215E-05
1.0E-03	8.1E-09	1.6E-01	3.8E-02	4.9E-11	7.6E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.3E-13	1.15685E-05
1.0E-03	7.2E-09	1.6E-01	3.8E-02	4.3E-11	7.3E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.1E-13	1.03469E-05
1.0E-03	2.4E-08	1.6E-01	3.8E-02	1.5E-10	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12	3.50707E-05
1.0E-03	3.5E-08	1.6E-01	3.8E-02	2.1E-10	1.6E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12	5.02127E-05
1.0E-03	5.4E-08	1.6E-01	3.8E-02	3.2E-10	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.3E-12	7.67099E-05
1.0E-03	1.7E-08	1.6E-01	3.8E-02	1.0E-10	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.3E-12	2.45763E-05
1.0E-03	2.6E-08	1.6E-01	3.8E-02	1.5E-10	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12	3.66255E-05
1.0E-03	2.6E-08	1.6E-01	3.8E-02	1.6E-10	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.7E-13	3.78245E-05
1.0E-03	2.2E-08	1.6E-01	3.8E-02	1.3E-10	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.3E-13	3.09712E-05
1.0E-03	1.8E-08	1.6E-01	3.8E-02	1.1E-10	9.5E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	8.0E-13	2.58044E-05
1.0E-03	1.5E-08	1.6E-01	3.8E-02	9.2E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.6E-13	2.18206E-05
1.0E-03	1.3E-08	1.6E-01	3.8E-02	7.9E-11	8.8E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.3E-13	1.86908E-05

1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.8E-11	8.4E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.0E-13	1.61895E-05
1.0E-03	9.9E-09	1.6E-01	3.8E-02	6.0E-11	8.1E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.7E-13	1.41586E-05
1.0E-03	8.7E-09	1.6E-01	3.8E-02	5.2E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.4E-13	1.24913E-05
1.0E-03	7.7E-09	1.6E-01	3.8E-02	4.7E-11	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.2E-13	1.11045E-05
1.0E-03	6.9E-09	1.6E-01	3.8E-02	4.2E-11	7.1E-01	1.3E-07	1.0E-03	9.8E-11	1.6E-01	3.8E-02	5.9E-13	9.9351E-06
1.0E-03	2.3E-08	1.6E-01	3.8E-02	1.4E-10	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.3E-12	3.35204E-05
1.0E-03	3.3E-08	1.6E-01	3.8E-02	2.0E-10	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12	4.69388E-05
1.0E-03	4.9E-08	1.6E-01	3.8E-02	2.9E-10	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12	6.93871E-05
1.0E-03	1.6E-08	1.6E-01	3.8E-02	9.7E-11	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.2E-12	2.35802E-05
1.0E-03	2.4E-08	1.6E-01	3.8E-02	1.4E-10	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	3.8E-02	1.2E-12	3.38955E-05
1.0E-03	2.5E-08	1.6E-01	3.8E-02	1.5E-10	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.3E-13	3.51373E-05
1.0E-03	2.0E-08	1.6E-01	3.8E-02	1.2E-10	9.6E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	8.0E-13	2.89529E-05
1.0E-03	1.7E-08	1.6E-01	3.8E-02	1.0E-10	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.7E-13	2.42336E-05
1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.7E-11	8.8E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.4E-13	2.05672E-05
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1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.5E-11	8.1E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.8E-13	1.53427E-05
1.0E-03	9.4E-09	1.6E-01	3.8E-02	5.6E-11	7.8E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.5E-13	1.34366E-05
1.0E-03	8.3E-09	1.6E-01	3.8E-02	5.0E-11	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.3E-13	1.18693E-05
1.0E-03	7.4E-09	1.6E-01	3.8E-02	4.4E-11	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.0E-13	1.05712E-05
1.0E-03	6.6E-09	1.6E-01	3.8E-02	4.0E-11	6.9E-01	1.3E-07	1.0E-03	9.6E-11	1.6E-01	3.8E-02	5.8E-13	9.47009E-06
1.0E-03	2.1E-08	1.6E-01	3.8E-02	1.3E-10	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	3.8E-02	1.2E-12	3.04225E-05
1.0E-03	2.8E-08	1.6E-01	3.8E-02	1.7E-10	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	3.8E-02	1.2E-12	4.06859E-05
1.0E-03	4.0E-08	1.6E-01	3.8E-02	2.4E-10	1.4E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	3.8E-02	1.2E-12	5.69846E-05
1.0E-03	5.8E-08	1.6E-01	3.8E-02	3.5E-10	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	3.8E-02	1.2E-12	8.2406E-05
1.0E-03	2.0E-08	1.6E-01	3.8E-02	1.2E-10	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	3.8E-02	1.1E-12	2.82618E-05
1.0E-03	2.2E-08	1.6E-01	3.8E-02	1.3E-10	9.6E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	8.0E-13	3.18061E-05
1.0E-03	1.9E-08	1.6E-01	3.8E-02	1.1E-10	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.7E-13	2.65266E-05
1.0E-03	1.6E-08	1.6E-01	3.8E-02	9.4E-11	8.9E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.4E-13	2.23978E-05
1.0E-03	1.3E-08	1.6E-01	3.8E-02	8.1E-11	8.5E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.1E-13	1.91357E-05
1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.0E-11	8.2E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.9E-13	1.65212E-05
1.0E-03	1.0E-08	1.6E-01	3.8E-02	6.1E-11	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.6E-13	1.44213E-05
1.0E-03	8.8E-09	1.6E-01	3.8E-02	5.3E-11	7.6E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.3E-13	1.26696E-05
1.0E-03	7.8E-09	1.6E-01	3.8E-02	4.7E-11	7.3E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.1E-13	1.11954E-05
1.0E-03	7.0E-09	1.6E-01	3.8E-02	4.2E-11	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	3.8E-02	5.8E-13	9.99845E-06
1.0E-03	6.2E-09	1.6E-01	3.8E-02	3.8E-11	6.7E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	3.8E-02	5.6E-13	8.98196E-06
1.0E-03	1.9E-08	1.6E-01	3.8E-02	1.1E-10	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	3.8E-02	1.2E-12	2.68228E-05
1.0E-03	2.4E-08	1.6E-01	3.8E-02	1.5E-10	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	3.8E-02	1.1E-12	3.44586E-05
1.0E-03	3.2E-08	1.6E-01	3.8E-02	1.9E-10	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	3.8E-02	1.1E-12	4.54696E-05
1.0E-03	4.2E-08	1.6E-01	3.8E-02	2.6E-10	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12	6.0452E-05
1.0E-03	5.6E-08	1.6E-01	3.8E-02	3.4E-10	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12	8.02866E-05
1.0E-03	2.0E-08	1.6E-01	3.8E-02	1.2E-10	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.7E-13	2.8206E-05
1.0E-03	1.7E-08	1.6E-01	3.8E-02	1.0E-10	8.9E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.4E-13	2.39169E-05
1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.6E-11	8.6E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.2E-13	2.04255E-05
1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.4E-11	8.3E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.9E-13	1.76125E-05
1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.4E-11	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.6E-13	1.53304E-05
1.0E-03	9.4E-09	1.6E-01	3.8E-02	5.7E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.4E-13	1.3445E-05
1.0E-03	8.3E-09	1.6E-01	3.8E-02	5.0E-11	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.1E-13	1.18762E-05
1.0E-03	7.3E-09	1.6E-01	3.8E-02	4.4E-11	7.1E-01	1.3E-07	1.0E-03	9.8E-11	1.6E-01	3.8E-02	5.9E-13	1.05261E-05
1.0E-03	6.6E-09	1.6E-01	3.8E-02	4.0E-11	6.8E-01	1.3E-07	1.0E-03	9.4E-11	1.6E-01	3.8E-02	5.7E-13	9.42083E-06

1.0E-03	5.9E-09	1.6E-01	3.8E-02	3.6E-11	6.6E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	3.8E-02	5.5E-13	8.49106E-06
1.0E-03	1.6E-08	1.6E-01	3.8E-02	9.7E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12	2.31096E-05
1.0E-03	2.0E-08	1.6E-01	3.8E-02	1.2E-10	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12	2.86524E-05
1.0E-03	2.5E-08	1.6E-01	3.8E-02	1.5E-10	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12	3.83426E-05
1.0E-03	3.1E-08	1.6E-01	3.8E-02	1.9E-10	1.3E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.1E-12	4.49004E-05
1.0E-03	3.9E-08	1.6E-01	3.8E-02	2.4E-10	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	5.59976E-05
1.0E-03	1.7E-08	1.6E-01	3.8E-02	1.0E-10	8.9E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.4E-13	2.47668E-05
1.0E-03	1.5E-08	1.6E-01	3.8E-02	9.0E-11	8.6E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.2E-13	2.13656E-05
1.0E-03	1.3E-08	1.6E-01	3.8E-02	7.8E-11	8.3E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.9E-13	1.84808E-05
1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.8E-11	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.7E-13	1.61048E-05
1.0E-03	9.9E-09	1.6E-01	3.8E-02	5.9E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.4E-13	1.41307E-05
1.0E-03	8.7E-09	1.6E-01	3.8E-02	5.2E-11	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.2E-13	1.24732E-05
1.0E-03	7.7E-09	1.6E-01	3.8E-02	4.7E-11	7.2E-01	1.3E-07	1.0E-03	9.9E-11	1.6E-01	3.8E-02	6.0E-13	1.10911E-05
1.0E-03	6.9E-09	1.6E-01	3.8E-02	4.2E-11	6.9E-01	1.3E-07	1.0E-03	9.5E-11	1.6E-01	3.8E-02	5.8E-13	9.89061E-06
1.0E-03	6.2E-09	1.6E-01	3.8E-02	3.7E-11	6.6E-01	1.3E-07	1.0E-03	9.2E-11	1.6E-01	3.8E-02	5.5E-13	8.86626E-06
1.0E-03	5.6E-09	1.6E-01	3.8E-02	3.4E-11	6.4E-01	1.3E-07	1.0E-03	8.9E-11	1.6E-01	3.8E-02	5.3E-13	8.00901E-06
1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.3E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	1.97211E-05
1.0E-03	1.7E-08	1.6E-01	3.8E-02	1.0E-10	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	2.45115E-05
1.0E-03	2.0E-08	1.6E-01	3.8E-02	1.2E-10	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	3.2783E-05
1.0E-03	2.4E-08	1.6E-01	3.8E-02	1.5E-10	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	3.4685E-05
1.0E-03	2.9E-08	1.6E-01	3.8E-02	1.7E-10	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.8E-13	4.13367E-05
1.0E-03	1.5E-08	1.6E-01	3.8E-02	9.1E-11	8.5E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.1E-13	2.16721E-05
1.0E-03	1.3E-08	1.6E-01	3.8E-02	8.0E-11	8.3E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.9E-13	1.8983E-05
1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.0E-11	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.7E-13	1.66466E-05
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1.0E-03	9.0E-09	1.6E-01	3.8E-02	5.5E-11	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.2E-13	1.2975E-05
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1.0E-03	7.2E-09	1.6E-01	3.8E-02	4.3E-11	7.0E-01	1.3E-07	1.0E-03	9.6E-11	1.6E-01	3.8E-02	5.8E-13	1.03306E-05
1.0E-03	6.5E-09	1.6E-01	3.8E-02	3.9E-11	6.7E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	3.8E-02	5.6E-13	9.2774E-06
1.0E-03	5.8E-09	1.6E-01	3.8E-02	3.5E-11	6.5E-01	1.3E-07	1.0E-03	8.9E-11	1.6E-01	3.8E-02	5.4E-13	8.34501E-06
1.0E-03	5.3E-09	1.6E-01	3.8E-02	3.2E-11	6.2E-01	1.3E-07	1.0E-03	8.6E-11	1.6E-01	3.8E-02	5.2E-13	7.55582E-06
1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.0E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.9E-13	1.67846E-05
1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.3E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.8E-13	2.09096E-05
1.0E-03	1.6E-08	1.6E-01	3.8E-02	9.8E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.6E-13	2.73092E-05
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1.0E-03	2.2E-08	1.6E-01	3.8E-02	1.3E-10	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.3E-13	3.18378E-05
1.0E-03	1.3E-08	1.6E-01	3.8E-02	8.0E-11	8.2E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.9E-13	1.89974E-05
1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.1E-11	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.7E-13	1.68666E-05
1.0E-03	1.0E-08	1.6E-01	3.8E-02	6.3E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.4E-13	1.49732E-05
1.0E-03	9.3E-09	1.6E-01	3.8E-02	5.6E-11	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.2E-13	1.33342E-05
1.0E-03	8.3E-09	1.6E-01	3.8E-02	5.0E-11	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.0E-13	1.19085E-05
1.0E-03	7.4E-09	1.6E-01	3.8E-02	4.5E-11	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	3.8E-02	5.8E-13	1.068E-05
1.0E-03	6.7E-09	1.6E-01	3.8E-02	4.0E-11	6.8E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	3.8E-02	5.6E-13	9.61067E-06
1.0E-03	6.0E-09	1.6E-01	3.8E-02	3.6E-11	6.5E-01	1.3E-07	1.0E-03	9.0E-11	1.6E-01	3.8E-02	5.4E-13	8.68398E-06
1.0E-03	5.5E-09	1.6E-01	3.8E-02	3.3E-11	6.3E-01	1.3E-07	1.0E-03	8.7E-11	1.6E-01	3.8E-02	5.3E-13	7.87022E-06
1.0E-03	5.0E-09	1.6E-01	3.8E-02	3.0E-11	6.1E-01	1.3E-07	1.0E-03	8.4E-11	1.6E-01	3.8E-02	5.1E-13	7.14056E-06
1.0E-03	1.0E-08	1.6E-01	3.8E-02	6.0E-11	1.1E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.4E-13	1.43706E-05
1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.0E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.3E-13	1.76333E-05
1.0E-03	1.3E-08	1.6E-01	3.8E-02	8.1E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.1E-13	2.23493E-05

1.0E-03	1.5E-08	1.6E-01	3.8E-02	9.3E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.0E-13	2.21339E-05
1.0E-03	1.8E-08	1.6E-01	3.8E-02	1.1E-10	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	8.9E-13	2.52753E-05
1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.0E-11	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.6E-13	1.67179E-05
1.0E-03	1.0E-08	1.6E-01	3.8E-02	6.3E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.4E-13	1.50313E-05
1.0E-03	9.4E-09	1.6E-01	3.8E-02	5.7E-11	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.2E-13	1.34952E-05
1.0E-03	8.5E-09	1.6E-01	3.8E-02	5.1E-11	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.0E-13	1.2134E-05
1.0E-03	7.6E-09	1.6E-01	3.8E-02	4.6E-11	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	3.8E-02	5.8E-13	1.09317E-05
1.0E-03	6.9E-09	1.6E-01	3.8E-02	4.1E-11	6.8E-01	1.3E-07	1.0E-03	9.4E-11	1.6E-01	3.8E-02	5.7E-13	9.87866E-06
1.0E-03	6.2E-09	1.6E-01	3.8E-02	3.7E-11	6.6E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	3.8E-02	5.5E-13	8.932E-06
1.0E-03	5.6E-09	1.6E-01	3.8E-02	3.4E-11	6.3E-01	1.3E-07	1.0E-03	8.8E-11	1.6E-01	3.8E-02	5.3E-13	8.12086E-06
1.0E-03	5.1E-09	1.6E-01	3.8E-02	3.1E-11	6.1E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	3.8E-02	5.1E-13	7.40752E-06
1.0E-03	4.7E-09	1.6E-01	3.8E-02	2.8E-11	5.9E-01	1.3E-07	1.0E-03	8.2E-11	1.6E-01	3.8E-02	4.9E-13	6.75364E-06
1.0E-03	8.7E-09	1.6E-01	3.8E-02	5.2E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	8.9E-13	1.24851E-05
1.0E-03	9.9E-09	1.6E-01	3.8E-02	6.0E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	8.8E-13	1.48191E-05
1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.8E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.7E-13	1.81478E-05
1.0E-03	1.3E-08	1.6E-01	3.8E-02	7.7E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.6E-13	2.24839E-05
1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.7E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.4E-13	2.05634E-05
1.0E-03	1.0E-08	1.6E-01	3.8E-02	6.2E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.4E-13	1.48071E-05
1.0E-03	9.4E-09	1.6E-01	3.8E-02	5.7E-11	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.2E-13	1.34459E-05
1.0E-03	8.5E-09	1.6E-01	3.8E-02	5.1E-11	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.0E-13	1.21987E-05
1.0E-03	7.7E-09	1.6E-01	3.8E-02	4.6E-11	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	3.8E-02	5.8E-13	1.1066E-05
1.0E-03	7.0E-09	1.6E-01	3.8E-02	4.2E-11	6.8E-01	1.3E-07	1.0E-03	9.4E-11	1.6E-01	3.8E-02	5.7E-13	1.0048E-05
1.0E-03	6.4E-09	1.6E-01	3.8E-02	3.8E-11	6.6E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	3.8E-02	5.5E-13	9.13889E-06
1.0E-03	5.8E-09	1.6E-01	3.8E-02	3.5E-11	6.4E-01	1.3E-07	1.0E-03	8.8E-11	1.6E-01	3.8E-02	5.3E-13	8.32387E-06
1.0E-03	5.3E-09	1.6E-01	3.8E-02	3.2E-11	6.2E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	3.8E-02	5.1E-13	7.60127E-06
1.0E-03	4.8E-09	1.6E-01	3.8E-02	2.9E-11	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	3.8E-02	5.0E-13	6.96151E-06
1.0E-03	4.4E-09	1.6E-01	3.8E-02	2.7E-11	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	3.8E-02	4.8E-13	6.37657E-06
1.0E-03	7.6E-09	1.6E-01	3.8E-02	4.6E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.5E-13	1.08938E-05
1.0E-03	8.5E-09	1.6E-01	3.8E-02	5.1E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.4E-13	1.23749E-05
1.0E-03	9.5E-09	1.6E-01	3.8E-02	5.8E-11	9.9E-01	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.3E-13	1.4534E-05
1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.5E-11	9.8E-01	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.2E-13	1.71357E-05
1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.1E-11	9.7E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	8.1E-13	1.95546E-05
1.0E-03	9.2E-09	1.6E-01	3.8E-02	5.5E-11	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.2E-13	1.31941E-05
1.0E-03	8.4E-09	1.6E-01	3.8E-02	5.1E-11	7.2E-01	1.3E-07	1.0E-03	9.9E-11	1.6E-01	3.8E-02	6.0E-13	1.21081E-05
1.0E-03	7.7E-09	1.6E-01	3.8E-02	4.7E-11	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	3.8E-02	5.8E-13	1.10752E-05
1.0E-03	7.0E-09	1.6E-01	3.8E-02	4.2E-11	6.8E-01	1.3E-07	1.0E-03	9.4E-11	1.6E-01	3.8E-02	5.7E-13	1.01193E-05
1.0E-03	6.4E-09	1.6E-01	3.8E-02	3.9E-11	6.6E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	3.8E-02	5.5E-13	9.25535E-06
1.0E-03	5.9E-09	1.6E-01	3.8E-02	3.6E-11	6.4E-01	1.3E-07	1.0E-03	8.8E-11	1.6E-01	3.8E-02	5.3E-13	8.47641E-06
1.0E-03	5.4E-09	1.6E-01	3.8E-02	3.3E-11	6.2E-01	1.3E-07	1.0E-03	8.6E-11	1.6E-01	3.8E-02	5.2E-13	7.76531E-06
1.0E-03	5.0E-09	1.6E-01	3.8E-02	3.0E-11	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	3.8E-02	5.0E-13	7.12638E-06
1.0E-03	4.5E-09	1.6E-01	3.8E-02	2.7E-11	5.8E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	3.8E-02	4.9E-13	6.5481E-06
1.0E-03	4.2E-09	1.6E-01	3.8E-02	2.5E-11	5.6E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	3.8E-02	4.7E-13	6.00967E-06
1.0E-03	6.7E-09	1.6E-01	3.8E-02	4.0E-11	9.7E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	8.1E-13	9.59588E-06
1.0E-03	7.4E-09	1.6E-01	3.8E-02	4.5E-11	9.6E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	8.0E-13	1.06734E-05
1.0E-03	8.3E-09	1.6E-01	3.8E-02	5.0E-11	9.5E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.9E-13	1.19986E-05
1.0E-03	9.1E-09	1.6E-01	3.8E-02	5.5E-11	9.4E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.8E-13	1.35939E-05
1.0E-03	1.0E-08	1.6E-01	3.8E-02	6.0E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.7E-13	1.50055E-05
1.0E-03	8.2E-09	1.6E-01	3.8E-02	5.0E-11	7.1E-01	1.3E-07	1.0E-03	9.9E-11	1.6E-01	3.8E-02	5.9E-13	1.1803E-05
1.0E-03	7.6E-09	1.6E-01	3.8E-02	4.6E-11	6.9E-01	1.3E-07	1.0E-03	9.6E-11	1.6E-01	3.8E-02	5.8E-13	1.09223E-05

1.0E-03	7.0E-09	1.6E-01	3.8E-02	4.2E-11	6.7E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	3.8E-02	5.6E-13	1.00458E-05
1.0E-03	6.4E-09	1.6E-01	3.8E-02	3.9E-11	6.6E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	3.8E-02	5.5E-13	9.21999E-06
1.0E-03	5.9E-09	1.6E-01	3.8E-02	3.6E-11	6.4E-01	1.3E-07	1.0E-03	8.8E-11	1.6E-01	3.8E-02	5.3E-13	8.47686E-06
1.0E-03	5.4E-09	1.6E-01	3.8E-02	3.3E-11	6.2E-01	1.3E-07	1.0E-03	8.6E-11	1.6E-01	3.8E-02	5.2E-13	7.81252E-06
1.0E-03	5.0E-09	1.6E-01	3.8E-02	3.0E-11	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	3.8E-02	5.0E-13	7.20426E-06
1.0E-03	4.6E-09	1.6E-01	3.8E-02	2.8E-11	5.8E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	3.8E-02	4.9E-13	6.6596E-06
1.0E-03	4.3E-09	1.6E-01	3.8E-02	2.6E-11	5.7E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	3.8E-02	4.7E-13	6.13581E-06
1.0E-03	3.9E-09	1.6E-01	3.8E-02	2.4E-11	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	3.8E-02	4.6E-13	5.64813E-06
1.0E-03	5.9E-09	1.6E-01	3.8E-02	3.6E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.7E-13	8.50833E-06
1.0E-03	6.5E-09	1.6E-01	3.8E-02	3.9E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.6E-13	9.39557E-06
1.0E-03	7.2E-09	1.6E-01	3.8E-02	4.3E-11	9.0E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.5E-13	1.03759E-05
1.0E-03	7.9E-09	1.6E-01	3.8E-02	4.8E-11	8.9E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.5E-13	1.13367E-05
1.0E-03	8.5E-09	1.6E-01	3.8E-02	5.1E-11	8.8E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.4E-13	1.2235E-05
1.0E-03	7.4E-09	1.6E-01	3.8E-02	4.4E-11	6.9E-01	1.3E-07	1.0E-03	9.5E-11	1.6E-01	3.8E-02	5.7E-13	1.05895E-05
1.0E-03	6.9E-09	1.6E-01	3.8E-02	4.1E-11	6.7E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	3.8E-02	5.6E-13	9.86101E-06
1.0E-03	6.4E-09	1.6E-01	3.8E-02	3.8E-11	6.5E-01	1.3E-07	1.0E-03	9.0E-11	1.6E-01	3.8E-02	5.4E-13	9.13959E-06
1.0E-03	5.9E-09	1.6E-01	3.8E-02	3.5E-11	6.3E-01	1.3E-07	1.0E-03	8.8E-11	1.6E-01	3.8E-02	5.3E-13	8.44481E-06
1.0E-03	5.4E-09	1.6E-01	3.8E-02	3.2E-11	6.1E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	3.8E-02	5.1E-13	7.72749E-06
1.0E-03	5.0E-09	1.6E-01	3.8E-02	3.0E-11	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	3.8E-02	5.0E-13	7.12373E-06
1.0E-03	4.6E-09	1.6E-01	3.8E-02	2.8E-11	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	3.8E-02	4.8E-13	6.61782E-06
1.0E-03	4.3E-09	1.6E-01	3.8E-02	2.6E-11	5.6E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	3.8E-02	4.7E-13	6.14104E-06
1.0E-03	4.0E-09	1.6E-01	3.8E-02	2.4E-11	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	3.8E-02	4.6E-13	5.70024E-06
1.0E-03	3.7E-09	1.6E-01	3.8E-02	2.2E-11	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	3.8E-02	4.4E-13	5.27288E-06
1.0E-03	5.3E-09	1.6E-01	3.8E-02	3.2E-11	8.8E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.4E-13	7.59899E-06
1.0E-03	5.8E-09	1.6E-01	3.8E-02	3.5E-11	8.7E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.3E-13	8.33023E-06
1.0E-03	6.3E-09	1.6E-01	3.8E-02	3.8E-11	8.6E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.2E-13	9.10622E-06
1.0E-03	6.9E-09	1.6E-01	3.8E-02	4.1E-11	8.5E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.1E-13	9.88118E-06
1.0E-03	7.4E-09	1.6E-01	3.8E-02	4.4E-11	8.4E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.0E-13	1.05767E-05
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1.0E-03	5.8E-09	1.6E-01	3.8E-02	3.5E-11	6.3E-01	1.3E-07	1.0E-03	8.7E-11	1.6E-01	3.8E-02	5.3E-13	8.38392E-06
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1.0E-03	4.5E-09	1.6E-01	3.8E-02	2.7E-11	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	3.8E-02	4.8E-13	6.45183E-06
1.0E-03	4.2E-09	1.6E-01	3.8E-02	2.5E-11	5.6E-01	1.3E-07	1.0E-03	7.7E-11	1.6E-01	3.8E-02	4.6E-13	6.00025E-06
1.0E-03	3.9E-09	1.6E-01	3.8E-02	2.3E-11	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	3.8E-02	4.5E-13	5.59404E-06
1.0E-03	3.6E-09	1.6E-01	3.8E-02	2.2E-11	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	3.8E-02	4.4E-13	5.21588E-06
1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.0E-11	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	3.8E-02	4.3E-13	4.89379E-06
1.0E-03	4.7E-09	1.6E-01	3.8E-02	2.9E-11	8.4E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.0E-13	6.84642E-06
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1.0E-03	6.4E-09	1.6E-01	3.8E-02	3.9E-11	8.1E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.7E-13	9.23802E-06
1.0E-03	5.4E-09	1.6E-01	3.8E-02	3.2E-11	6.1E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	3.8E-02	5.1E-13	7.71566E-06
1.0E-03	5.0E-09	1.6E-01	3.8E-02	3.0E-11	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	3.8E-02	5.0E-13	7.20455E-06
1.0E-03	4.6E-09	1.6E-01	3.8E-02	2.8E-11	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	3.8E-02	4.8E-13	6.6423E-06
1.0E-03	4.3E-09	1.6E-01	3.8E-02	2.6E-11	5.6E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	3.8E-02	4.7E-13	6.19769E-06
1.0E-03	4.0E-09	1.6E-01	3.8E-02	2.4E-11	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	3.8E-02	4.6E-13	5.76591E-06
1.0E-03	3.7E-09	1.6E-01	3.8E-02	2.2E-11	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	3.8E-02	4.4E-13	5.3316E-06
1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.1E-11	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	3.8E-02	4.3E-13	4.94594E-06

1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	3.8E-02	4.1E-13	4.58732E-06
1.0E-03	4.3E-09	1.6E-01	3.8E-02	2.6E-11	8.1E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.7E-13	6.19278E-06
1.0E-03	4.6E-09	1.6E-01	3.8E-02	2.8E-11	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.7E-13	6.70996E-06
1.0E-03	5.0E-09	1.6E-01	3.8E-02	3.0E-11	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.6E-13	7.22107E-06
1.0E-03	5.3E-09	1.6E-01	3.8E-02	3.2E-11	7.8E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.5E-13	7.70454E-06
1.0E-03	5.7E-09	1.6E-01	3.8E-02	3.4E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.5E-13	8.14494E-06
1.0E-03	4.7E-09	1.6E-01	3.8E-02	2.8E-11	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	3.8E-02	4.8E-13	6.73125E-06
1.0E-03	4.4E-09	1.6E-01	3.8E-02	2.7E-11	5.7E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	3.8E-02	4.7E-13	6.35206E-06
1.0E-03	4.1E-09	1.6E-01	3.8E-02	2.5E-11	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	3.8E-02	4.6E-13	5.97492E-06
1.0E-03	3.9E-09	1.6E-01	3.8E-02	2.3E-11	5.4E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	3.8E-02	4.5E-13	5.56685E-06
1.0E-03	3.6E-09	1.6E-01	3.8E-02	2.2E-11	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	3.8E-02	4.4E-13	5.19981E-06
1.0E-03	3.3E-09	1.6E-01	3.8E-02	2.0E-11	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	3.8E-02	4.2E-13	4.82484E-06
1.0E-03	3.1E-09	1.6E-01	3.8E-02	1.9E-11	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	3.8E-02	4.1E-13	4.44902E-06
1.0E-03	3.9E-09	1.6E-01	3.8E-02	2.3E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.4E-13	5.62917E-06
1.0E-03	4.2E-09	1.6E-01	3.8E-02	2.5E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.4E-13	6.06443E-06
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1.0E-03	4.8E-09	1.6E-01	3.8E-02	2.9E-11	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.3E-13	6.87273E-06
1.0E-03	5.0E-09	1.6E-01	3.8E-02	3.0E-11	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.2E-13	7.23943E-06
1.0E-03	4.1E-09	1.6E-01	3.8E-02	2.5E-11	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	3.8E-02	4.6E-13	5.9203E-06
1.0E-03	3.9E-09	1.6E-01	3.8E-02	2.3E-11	5.4E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	3.8E-02	4.5E-13	5.5932E-06
1.0E-03	3.6E-09	1.6E-01	3.8E-02	2.2E-11	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	3.8E-02	4.4E-13	5.25679E-06
1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.1E-11	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	3.8E-02	4.2E-13	4.9398E-06
1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	3.8E-02	4.1E-13	4.62532E-06
1.0E-03	3.0E-09	1.6E-01	3.8E-02	1.8E-11	4.8E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	3.8E-02	4.0E-13	4.30151E-06
1.0E-03	3.5E-09	1.6E-01	3.8E-02	2.1E-11	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.2E-13	5.13484E-06
1.0E-03	3.8E-09	1.6E-01	3.8E-02	2.3E-11	7.3E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.1E-13	5.49712E-06
1.0E-03	4.0E-09	1.6E-01	3.8E-02	2.4E-11	7.3E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.1E-13	5.8433E-06
1.0E-03	4.3E-09	1.6E-01	3.8E-02	2.6E-11	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.0E-13	6.17115E-06
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1.0E-03	3.8E-09	1.6E-01	3.8E-02	2.3E-11	5.3E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	3.8E-02	4.5E-13	5.5234E-06
1.0E-03	3.6E-09	1.6E-01	3.8E-02	2.2E-11	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	3.8E-02	4.4E-13	5.24335E-06
1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.1E-11	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	3.8E-02	4.2E-13	4.95243E-06
1.0E-03	3.2E-09	1.6E-01	3.8E-02	2.0E-11	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	3.8E-02	4.1E-13	4.67326E-06
1.0E-03	3.0E-09	1.6E-01	3.8E-02	1.8E-11	4.8E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	3.8E-02	4.0E-13	4.39555E-06
1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	3.8E-02	3.9E-13	4.10083E-06
1.0E-03	3.2E-09	1.6E-01	3.8E-02	2.0E-11	7.1E-01	1.3E-07	1.0E-03	9.8E-11	1.6E-01	3.8E-02	5.9E-13	4.69987E-06
1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.1E-11	7.0E-01	1.3E-07	1.0E-03	9.8E-11	1.6E-01	3.8E-02	5.9E-13	4.99903E-06
1.0E-03	3.7E-09	1.6E-01	3.8E-02	2.2E-11	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	3.8E-02	5.8E-13	5.2964E-06
1.0E-03	3.9E-09	1.6E-01	3.8E-02	2.3E-11	6.9E-01	1.3E-07	1.0E-03	9.6E-11	1.6E-01	3.8E-02	5.8E-13	5.57401E-06
1.0E-03	4.0E-09	1.6E-01	3.8E-02	2.4E-11	6.9E-01	1.3E-07	1.0E-03	9.5E-11	1.6E-01	3.8E-02	5.7E-13	5.83662E-06
1.0E-03	3.6E-09	1.6E-01	3.8E-02	2.2E-11	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	3.8E-02	4.3E-13	5.15907E-06
1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.1E-11	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	3.8E-02	4.2E-13	4.9125E-06
1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	3.8E-02	4.1E-13	4.66123E-06
1.0E-03	3.1E-09	1.6E-01	3.8E-02	1.8E-11	4.8E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	3.8E-02	4.0E-13	4.41779E-06
1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.7E-11	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	3.8E-02	3.9E-13	4.18347E-06
1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	3.8E-02	3.8E-13	3.93079E-06
1.0E-03	3.0E-09	1.6E-01	3.8E-02	1.8E-11	6.8E-01	1.3E-07	1.0E-03	9.4E-11	1.6E-01	3.8E-02	5.7E-13	4.31674E-06
1.0E-03	3.1E-09	1.6E-01	3.8E-02	1.9E-11	6.8E-01	1.3E-07	1.0E-03	9.4E-11	1.6E-01	3.8E-02	5.6E-13	4.56884E-06
1.0E-03	3.3E-09	1.6E-01	3.8E-02	2.0E-11	6.7E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	3.8E-02	5.6E-13	4.82304E-06

1.0E-03	3.5E-09	1.6E-01	3.8E-02	2.1E-11	6.7E-01	1.3E-07	1.0E-03	9.2E-11	1.6E-01	3.8E-02	5.6E-13	5.06172E-06
1.0E-03	3.7E-09	1.6E-01	3.8E-02	2.2E-11	6.6E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	3.8E-02	5.5E-13	5.28686E-06
1.0E-03	3.3E-09	1.6E-01	3.8E-02	2.0E-11	5.0E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	3.8E-02	4.2E-13	4.82095E-06
1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	3.8E-02	4.1E-13	4.60791E-06
1.0E-03	3.0E-09	1.6E-01	3.8E-02	1.8E-11	4.8E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	3.8E-02	4.0E-13	4.39044E-06
1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.7E-11	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	3.8E-02	3.9E-13	4.17758E-06
1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.7E-11	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	3.8E-02	3.8E-13	3.96703E-06
1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	3.8E-02	3.7E-13	3.76078E-06
1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	6.5E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	3.8E-02	5.5E-13	3.97522E-06
1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.7E-11	6.5E-01	1.3E-07	1.0E-03	9.0E-11	1.6E-01	3.8E-02	5.4E-13	4.19786E-06
1.0E-03	3.0E-09	1.6E-01	3.8E-02	1.8E-11	6.5E-01	1.3E-07	1.0E-03	8.9E-11	1.6E-01	3.8E-02	5.4E-13	4.41264E-06
1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	6.4E-01	1.3E-07	1.0E-03	8.9E-11	1.6E-01	3.8E-02	5.3E-13	4.61818E-06
1.0E-03	3.3E-09	1.6E-01	3.8E-02	2.0E-11	6.3E-01	1.3E-07	1.0E-03	8.8E-11	1.6E-01	3.8E-02	5.3E-13	4.81277E-06
1.0E-03	3.1E-09	1.6E-01	3.8E-02	1.9E-11	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	3.8E-02	4.1E-13	4.5064E-06
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1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.7E-11	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	3.8E-02	3.9E-13	4.139E-06
1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	3.8E-02	3.8E-13	3.95295E-06
1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	3.8E-02	3.7E-13	3.76741E-06
1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11	4.4E-01	1.3E-07	1.0E-03	6.1E-11	1.6E-01	3.8E-02	3.7E-13	3.58253E-06
1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11	6.3E-01	1.3E-07	1.0E-03	8.7E-11	1.6E-01	3.8E-02	5.2E-13	3.67904E-06
1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	6.3E-01	1.3E-07	1.0E-03	8.7E-11	1.6E-01	3.8E-02	5.2E-13	3.86789E-06
1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11	6.2E-01	1.3E-07	1.0E-03	8.6E-11	1.6E-01	3.8E-02	5.2E-13	4.0526E-06
1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.8E-11	6.2E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	3.8E-02	5.1E-13	4.23122E-06
1.0E-03	3.0E-09	1.6E-01	3.8E-02	1.8E-11	6.1E-01	1.3E-07	1.0E-03	8.4E-11	1.6E-01	3.8E-02	5.1E-13	4.40026E-06
1.0E-03	3.1E-09	1.6E-01	3.8E-02	1.9E-11	6.0E-01	1.3E-07	1.0E-03	8.4E-11	1.6E-01	3.8E-02	5.0E-13	4.55655E-06
1.0E-03	3.2E-09	1.6E-01	3.8E-02	2.0E-11	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	3.8E-02	5.0E-13	4.69579E-06
1.0E-03	3.3E-09	1.6E-01	3.8E-02	2.0E-11	5.9E-01	1.3E-07	1.0E-03	8.2E-11	1.6E-01	3.8E-02	4.9E-13	4.81408E-06
1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.0E-11	5.8E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	3.8E-02	4.9E-13	4.90941E-06
1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.1E-11	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	3.8E-02	4.8E-13	4.97827E-06
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1.0E-03	3.5E-09	1.6E-01	3.8E-02	2.1E-11	5.6E-01	1.3E-07	1.0E-03	7.7E-11	1.6E-01	3.8E-02	4.7E-13	5.03547E-06
1.0E-03	3.5E-09	1.6E-01	3.8E-02	2.1E-11	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	3.8E-02	4.6E-13	5.02357E-06
1.0E-03	3.5E-09	1.6E-01	3.8E-02	2.1E-11	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	3.8E-02	4.5E-13	4.99229E-06
1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.1E-11	5.3E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	3.8E-02	4.4E-13	4.93574E-06
1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.0E-11	5.2E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	3.8E-02	4.4E-13	4.85616E-06
1.0E-03	3.3E-09	1.6E-01	3.8E-02	2.0E-11	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	3.8E-02	4.3E-13	4.75675E-06
1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	3.8E-02	4.2E-13	4.64339E-06
1.0E-03	3.1E-09	1.6E-01	3.8E-02	1.9E-11	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	3.8E-02	4.1E-13	4.51443E-06
1.0E-03	3.0E-09	1.6E-01	3.8E-02	1.8E-11	4.9E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	3.8E-02	4.1E-13	4.36897E-06
1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.8E-11	4.8E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	3.8E-02	4.0E-13	4.21555E-06
1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	3.8E-02	3.9E-13	4.06119E-06
1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	4.6E-01	1.3E-07	1.0E-03	6.3E-11	1.6E-01	3.8E-02	3.8E-13	3.89941E-06
1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	3.8E-02	3.7E-13	3.73691E-06
1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11	4.4E-01	1.3E-07	1.0E-03	6.1E-11	1.6E-01	3.8E-02	3.7E-13	3.57285E-06
1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.4E-11	4.3E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	3.8E-02	3.6E-13	3.41202E-06
1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	6.1E-01	1.3E-07	1.0E-03	8.4E-11	1.6E-01	3.8E-02	5.0E-13	3.40602E-06
1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	3.8E-02	5.0E-13	3.57405E-06
1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.5E-11	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	3.8E-02	5.0E-13	3.73617E-06
1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	5.9E-01	1.3E-07	1.0E-03	8.2E-11	1.6E-01	3.8E-02	4.9E-13	3.89302E-06

1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11	5.9E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	3.8E-02	4.9E-13	4.04087E-06
1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.7E-11	5.8E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	3.8E-02	4.9E-13	4.17798E-06
1.0E-03	3.0E-09	1.6E-01	3.8E-02	1.8E-11	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	3.8E-02	4.8E-13	4.30122E-06
1.0E-03	3.0E-09	1.6E-01	3.8E-02	1.8E-11	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	3.8E-02	4.8E-13	4.40617E-06
1.0E-03	3.1E-09	1.6E-01	3.8E-02	1.9E-11	5.6E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	3.8E-02	4.7E-13	4.49196E-06
1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	5.6E-01	1.3E-07	1.0E-03	7.7E-11	1.6E-01	3.8E-02	4.6E-13	4.55768E-06
1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	3.8E-02	4.6E-13	4.60001E-06
1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	3.8E-02	4.5E-13	4.6182E-06
1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	5.3E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	3.8E-02	4.4E-13	4.61441E-06
1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	5.2E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	3.8E-02	4.4E-13	4.5949E-06
1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	3.8E-02	4.3E-13	4.5547E-06
1.0E-03	3.1E-09	1.6E-01	3.8E-02	1.9E-11	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	3.8E-02	4.2E-13	4.49136E-06
1.0E-03	3.1E-09	1.6E-01	3.8E-02	1.8E-11	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	3.8E-02	4.2E-13	4.41178E-06
1.0E-03	3.0E-09	1.6E-01	3.8E-02	1.8E-11	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	3.8E-02	4.1E-13	4.31599E-06
1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.8E-11	4.8E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	3.8E-02	4.0E-13	4.20529E-06
1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	3.8E-02	3.9E-13	4.07988E-06
1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	3.8E-02	3.9E-13	3.94797E-06
1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11	4.5E-01	1.3E-07	1.0E-03	6.3E-11	1.6E-01	3.8E-02	3.8E-13	3.81502E-06
1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	3.8E-02	3.7E-13	3.6752E-06
1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.5E-11	4.4E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	3.8E-02	3.6E-13	3.5331E-06
1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	4.3E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	3.8E-02	3.6E-13	3.38846E-06
1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.4E-11	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	3.8E-02	3.5E-13	3.24601E-06
1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	5.8E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	3.8E-02	4.9E-13	3.16446E-06
1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	3.8E-02	4.8E-13	3.31303E-06
1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.4E-11	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	3.8E-02	4.8E-13	3.45598E-06
1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	3.8E-02	4.8E-13	3.59408E-06
1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.5E-11	5.7E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	3.8E-02	4.7E-13	3.7246E-06
1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	5.6E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	3.8E-02	4.7E-13	3.84515E-06
1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	5.6E-01	1.3E-07	1.0E-03	7.7E-11	1.6E-01	3.8E-02	4.6E-13	3.9539E-06
1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	3.8E-02	4.6E-13	4.04725E-06
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1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.7E-11	5.4E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	3.8E-02	4.5E-13	4.18609E-06
1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.8E-11	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	3.8E-02	4.4E-13	4.22878E-06
1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.8E-11	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	3.8E-02	4.4E-13	4.2497E-06
1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.8E-11	5.2E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	3.8E-02	4.3E-13	4.25178E-06
1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.8E-11	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	3.8E-02	4.2E-13	4.24019E-06
1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.8E-11	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	3.8E-02	4.2E-13	4.20977E-06
1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.7E-11	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	3.8E-02	4.1E-13	4.16017E-06
1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11	4.8E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	3.8E-02	4.0E-13	4.09521E-06
1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11	4.8E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	3.8E-02	4.0E-13	4.01526E-06
1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	3.8E-02	3.9E-13	3.92263E-06
1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	3.8E-02	3.8E-13	3.81514E-06
1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.5E-11	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	3.8E-02	3.8E-13	3.70182E-06
1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11	4.4E-01	1.3E-07	1.0E-03	6.1E-11	1.6E-01	3.8E-02	3.7E-13	3.58972E-06
1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.4E-11	4.3E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	3.8E-02	3.6E-13	3.46809E-06
1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	4.2E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	3.8E-02	3.5E-13	3.34271E-06
1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	3.8E-02	3.5E-13	3.21424E-06
1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11	4.1E-01	1.3E-07	1.0E-03	5.6E-11	1.6E-01	3.8E-02	3.4E-13	3.08766E-06
1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	5.6E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	3.8E-02	4.7E-13	2.95073E-06

1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11	5.6E-01	1.3E-07	1.0E-03	7.7E-11	1.6E-01	3.8E-02	4.7E-13	3.07994E-06
1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	5.5E-01	1.3E-07	1.0E-03	7.7E-11	1.6E-01	3.8E-02	4.6E-13	3.20657E-06
1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	3.8E-02	4.6E-13	3.32847E-06
1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.4E-11	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	3.8E-02	4.6E-13	3.44429E-06
1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.5E-11	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	3.8E-02	4.5E-13	3.55118E-06
1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11	5.4E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	3.8E-02	4.5E-13	3.64775E-06
1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	3.8E-02	4.4E-13	3.73169E-06
1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	3.8E-02	4.4E-13	3.80368E-06
1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	3.8E-02	4.3E-13	3.85907E-06
1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	3.8E-02	4.3E-13	3.90017E-06
1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	3.8E-02	4.2E-13	3.92336E-06
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1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	3.8E-02	3.9E-13	3.74324E-06
1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11	4.5E-01	1.3E-07	1.0E-03	6.3E-11	1.6E-01	3.8E-02	3.8E-13	3.66511E-06
1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	3.8E-02	3.7E-13	3.57291E-06
1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.4E-11	4.4E-01	1.3E-07	1.0E-03	6.1E-11	1.6E-01	3.8E-02	3.7E-13	3.47479E-06
1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	4.3E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	3.8E-02	3.6E-13	3.37478E-06
1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	3.8E-02	3.5E-13	3.26905E-06
1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	4.1E-01	1.3E-07	1.0E-03	5.7E-11	1.6E-01	3.8E-02	3.5E-13	3.15997E-06
1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11	4.1E-01	1.3E-07	1.0E-03	5.6E-11	1.6E-01	3.8E-02	3.4E-13	3.04837E-06
1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	4.0E-01	1.3E-07	1.0E-03	5.5E-11	1.6E-01	3.8E-02	3.3E-13	2.9368E-06
1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.1E-11	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	3.8E-02	4.5E-13	2.75599E-06
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1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	3.8E-02	4.4E-13	3.09248E-06
1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	3.8E-02	4.4E-13	3.19495E-06
1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	3.8E-02	4.4E-13	3.29042E-06
1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	3.8E-02	4.3E-13	3.37687E-06
1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.4E-11	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	3.8E-02	4.3E-13	3.45261E-06
1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.5E-11	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	3.8E-02	4.2E-13	3.51756E-06
1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	3.8E-02	4.2E-13	3.56945E-06
1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	3.8E-02	4.1E-13	3.60845E-06
1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	3.8E-02	4.1E-13	3.63256E-06
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1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.5E-11	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	3.8E-02	3.7E-13	3.49657E-06
1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.4E-11	4.4E-01	1.3E-07	1.0E-03	6.1E-11	1.6E-01	3.8E-02	3.7E-13	3.43073E-06
1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	4.3E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	3.8E-02	3.6E-13	3.35089E-06
1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	4.3E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	3.8E-02	3.6E-13	3.26597E-06
1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	3.8E-02	3.5E-13	3.1794E-06
1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11	4.1E-01	1.3E-07	1.0E-03	5.7E-11	1.6E-01	3.8E-02	3.4E-13	3.08734E-06
1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.2E-11	4.0E-01	1.3E-07	1.0E-03	5.6E-11	1.6E-01	3.8E-02	3.4E-13	2.99195E-06

1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	4.0E-01	1.3E-07	1.0E-03	5.5E-11	1.6E-01	3.8E-02	3.3E-13	2.89402E-06
1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.2E-11	3.9E-01	1.3E-07	1.0E-03	5.4E-11	1.6E-01	3.8E-02	3.2E-13	2.79484E-06
1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	3.8E-02	4.3E-13	2.58013E-06
1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	3.8E-02	4.3E-13	2.68316E-06
1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.2E-11	5.2E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	3.8E-02	4.3E-13	2.7839E-06
1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	3.8E-02	4.3E-13	2.88078E-06
1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	3.8E-02	4.2E-13	2.97228E-06
1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11	5.0E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	3.8E-02	4.2E-13	3.05772E-06
1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	3.8E-02	4.2E-13	3.13539E-06
1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	3.8E-02	4.1E-13	3.20372E-06
1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.4E-11	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	3.8E-02	4.1E-13	3.26307E-06
1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	4.9E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	3.8E-02	4.1E-13	3.31155E-06
1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	4.8E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	3.8E-02	4.0E-13	3.34815E-06
1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	4.7E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	3.8E-02	4.0E-13	3.37211E-06
1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	3.8E-02	3.9E-13	3.3833E-06
1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	3.8E-02	3.9E-13	3.38548E-06
1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	4.6E-01	1.3E-07	1.0E-03	6.3E-11	1.6E-01	3.8E-02	3.8E-13	3.37483E-06
1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	3.8E-02	3.8E-13	3.35065E-06
1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	4.4E-01	1.3E-07	1.0E-03	6.1E-11	1.6E-01	3.8E-02	3.7E-13	3.31636E-06
1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	4.4E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	3.8E-02	3.6E-13	3.27068E-06
1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	4.3E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	3.8E-02	3.6E-13	3.21495E-06
1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	3.8E-02	3.5E-13	3.14658E-06
1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11	4.1E-01	1.3E-07	1.0E-03	5.7E-11	1.6E-01	3.8E-02	3.5E-13	3.07283E-06
1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.2E-11	4.1E-01	1.3E-07	1.0E-03	5.6E-11	1.6E-01	3.8E-02	3.4E-13	3.00014E-06
1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	4.0E-01	1.3E-07	1.0E-03	5.5E-11	1.6E-01	3.8E-02	3.3E-13	2.92058E-06
1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	3.9E-01	1.3E-07	1.0E-03	5.4E-11	1.6E-01	3.8E-02	3.3E-13	2.83721E-06
1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.1E-11	3.9E-01	1.3E-07	1.0E-03	5.3E-11	1.6E-01	3.8E-02	3.2E-13	2.74983E-06
1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11	3.8E-01	1.3E-07	1.0E-03	5.2E-11	1.6E-01	3.8E-02	3.2E-13	2.66082E-06

Risk From New Building Demo - Unmitigated Residential

Franklin School Project
Risk From New Building Demo - Unmitigated Residential

	5.49	Max								Onsite
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**
1	0.02	2.0E-08	2.0E-01	1.1E-02	1.0E-03	2.3E-06	1.6E-01	5.5E-02	1.9E-08	3.2E-01
2	0.02	2.2E-08	2.2E-01	1.1E-02	1.0E-03	2.5E-06	1.6E-01	5.5E-02	2.1E-08	3.6E-01
3	0.02	2.4E-08	2.4E-01	1.1E-02	1.0E-03	2.7E-06	1.6E-01	5.5E-02	2.4E-08	4.1E-01
4	0.03	2.6E-08	2.6E-01	1.1E-02	1.0E-03	3.0E-06	1.6E-01	5.5E-02	2.6E-08	4.6E-01
5	0.03	2.8E-08	2.9E-01	1.1E-02	1.0E-03	3.3E-06	1.6E-01	5.5E-02	2.8E-08	5.1E-01
6	0.03	3.0E-08	3.1E-01	1.1E-02	1.0E-03	3.5E-06	1.6E-01	5.5E-02	3.0E-08	5.5E-01
7	0.03	3.3E-08	3.3E-01	1.1E-02	1.0E-03	3.8E-06	1.6E-01	5.5E-02	3.2E-08	6.0E-01
8	0.03	3.5E-08	3.5E-01	1.1E-02	1.0E-03	4.0E-06	1.6E-01	5.5E-02	3.4E-08	6.4E-01
9	0.04	3.7E-08	3.7E-01	1.1E-02	1.0E-03	4.2E-06	1.6E-01	5.5E-02	3.7E-08	6.9E-01
10	0.04	3.9E-08	3.9E-01	1.1E-02	1.0E-03	4.5E-06	1.6E-01	5.5E-02	3.8E-08	7.5E-01
11	0.04	4.2E-08	4.2E-01	1.1E-02	1.0E-03	4.8E-06	1.6E-01	5.5E-02	4.2E-08	8.0E-01
12	0.04	4.5E-08	4.5E-01	1.1E-02	1.0E-03	5.2E-06	1.6E-01	5.5E-02	4.5E-08	8.4E-01
13	0.05	4.8E-08	4.8E-01	1.1E-02	1.0E-03	5.5E-06	1.6E-01	5.5E-02	4.7E-08	8.5E-01
14	0.05	5.0E-08	5.0E-01	1.1E-02	1.0E-03	5.8E-06	1.6E-01	5.5E-02	5.0E-08	8.3E-01
15	0.05	5.1E-08	5.2E-01	1.1E-02	1.0E-03	5.9E-06	1.6E-01	5.5E-02	5.1E-08	7.9E-01
16	0.05	5.2E-08	5.3E-01	1.1E-02	1.0E-03	6.0E-06	1.6E-01	5.5E-02	5.2E-08	7.4E-01
17	0.02	2.2E-08	2.2E-01	1.1E-02	1.0E-03	2.5E-06	1.6E-01	5.5E-02	2.2E-08	3.8E-01
18	0.02	2.5E-08	2.5E-01	1.1E-02	1.0E-03	2.8E-06	1.6E-01	5.5E-02	2.4E-08	4.4E-01
19	0.03	2.7E-08	2.8E-01	1.1E-02	1.0E-03	3.2E-06	1.6E-01	5.5E-02	2.7E-08	5.1E-01
20	0.03	3.0E-08	3.1E-01	1.1E-02	1.0E-03	3.5E-06	1.6E-01	5.5E-02	3.0E-08	5.8E-01
21	0.03	3.4E-08	3.4E-01	1.1E-02	1.0E-03	3.9E-06	1.6E-01	5.5E-02	3.3E-08	6.6E-01
22	0.04	3.7E-08	3.7E-01	1.1E-02	1.0E-03	4.2E-06	1.6E-01	5.5E-02	3.7E-08	7.3E-01
23	0.04	4.0E-08	4.0E-01	1.1E-02	1.0E-03	4.6E-06	1.6E-01	5.5E-02	4.0E-08	8.0E-01
24	0.04	4.3E-08	4.3E-01	1.1E-02	1.0E-03	4.9E-06	1.6E-01	5.5E-02	4.2E-08	8.7E-01
25	0.05	4.6E-08	4.6E-01	1.1E-02	1.0E-03	5.3E-06	1.6E-01	5.5E-02	4.6E-08	9.6E-01
26	0.05	4.9E-08	4.9E-01	1.1E-02	1.0E-03	5.6E-06	1.6E-01	5.5E-02	4.9E-08	1.1E+00
27	0.05	5.4E-08	5.4E-01	1.1E-02	1.0E-03	6.2E-06	1.6E-01	5.5E-02	5.3E-08	1.1E+00
28	0.06	5.8E-08	5.9E-01	1.1E-02	1.0E-03	6.7E-06	1.6E-01	5.5E-02	5.8E-08	1.1E+00
29	0.06	6.1E-08	6.2E-01	1.1E-02	1.0E-03	7.1E-06	1.6E-01	5.5E-02	6.1E-08	1.1E+00
30	0.06	6.4E-08	6.5E-01	1.1E-02	1.0E-03	7.4E-06	1.6E-01	5.5E-02	6.4E-08	1.0E+00
31	0.07	6.5E-08	6.6E-01	1.1E-02	1.0E-03	7.5E-06	1.6E-01	5.5E-02	6.5E-08	9.6E-01
32	0.06	6.5E-08	6.5E-01	1.1E-02	1.0E-03	7.5E-06	1.6E-01	5.5E-02	6.4E-08	8.7E-01
33	0.02	2.5E-08	2.5E-01	1.1E-02	1.0E-03	2.8E-06	1.6E-01	5.5E-02	2.5E-08	4.4E-01
34	0.03	2.8E-08	2.8E-01	1.1E-02	1.0E-03	3.2E-06	1.6E-01	5.5E-02	2.8E-08	5.3E-01
35	0.03	3.2E-08	3.2E-01	1.1E-02	1.0E-03	3.7E-06	1.6E-01	5.5E-02	3.2E-08	6.3E-01
36	0.04	3.6E-08	3.6E-01	1.1E-02	1.0E-03	4.2E-06	1.6E-01	5.5E-02	3.6E-08	7.6E-01
37	0.04	4.1E-08	4.1E-01	1.1E-02	1.0E-03	4.7E-06	1.6E-01	5.5E-02	4.0E-08	8.9E-01
38	0.05	4.5E-08	4.6E-01	1.1E-02	1.0E-03	5.2E-06	1.6E-01	5.5E-02	4.5E-08	1.0E+00
39	0.05	5.0E-08	5.1E-01	1.1E-02	1.0E-03	5.8E-06	1.6E-01	5.5E-02	5.0E-08	1.1E+00
40	0.05	5.4E-08	5.5E-01	1.1E-02	1.0E-03	6.3E-06	1.6E-01	5.5E-02	5.4E-08	1.3E+00
41	0.06	5.9E-08	5.9E-01	1.1E-02	1.0E-03	6.8E-06	1.6E-01	5.5E-02	5.9E-08	1.4E+00
42	0.06	6.4E-08	6.5E-01	1.1E-02	1.0E-03	7.4E-06	1.6E-01	5.5E-02	6.4E-08	1.5E+00
43	0.07	7.1E-08	7.2E-01	1.1E-02	1.0E-03	8.2E-06	1.6E-01	5.5E-02	7.1E-08	1.6E+00

44	0.08	7.7E-08	7.8E-01	1.1E-02	1.0E-03	8.9E-06	1.6E-01	5.5E-02	7.7E-08	1.5E+00
45	0.08	8.2E-08	8.3E-01	1.1E-02	1.0E-03	9.5E-06	1.6E-01	5.5E-02	8.1E-08	1.4E+00
46	0.08	8.4E-08	8.5E-01	1.1E-02	1.0E-03	9.7E-06	1.6E-01	5.5E-02	8.3E-08	1.3E+00
47	0.08	8.3E-08	8.4E-01	1.1E-02	1.0E-03	9.6E-06	1.6E-01	5.5E-02	8.3E-08	1.1E+00
48	0.08	8.0E-08	8.1E-01	1.1E-02	1.0E-03	9.3E-06	1.6E-01	5.5E-02	8.0E-08	9.8E-01
49	0.03	2.8E-08	2.8E-01	1.1E-02	1.0E-03	3.2E-06	1.6E-01	5.5E-02	2.8E-08	5.2E-01
50	0.03	3.2E-08	3.2E-01	1.1E-02	1.0E-03	3.7E-06	1.6E-01	5.5E-02	3.2E-08	6.4E-01
51	0.04	3.7E-08	3.8E-01	1.1E-02	1.0E-03	4.3E-06	1.6E-01	5.5E-02	3.7E-08	8.1E-01
52	0.04	4.3E-08	4.4E-01	1.1E-02	1.0E-03	5.0E-06	1.6E-01	5.5E-02	4.3E-08	1.0E+00
53	0.05	5.0E-08	5.0E-01	1.1E-02	1.0E-03	5.8E-06	1.6E-01	5.5E-02	5.0E-08	1.3E+00
54	0.06	5.7E-08	5.8E-01	1.1E-02	1.0E-03	6.6E-06	1.6E-01	5.5E-02	5.7E-08	1.5E+00
55	0.06	6.5E-08	6.5E-01	1.1E-02	1.0E-03	7.5E-06	1.6E-01	5.5E-02	6.4E-08	1.7E+00
56	0.07	7.1E-08	7.2E-01	1.1E-02	1.0E-03	8.2E-06	1.6E-01	5.5E-02	7.1E-08	2.0E+00
57	0.08	7.9E-08	7.9E-01	1.1E-02	1.0E-03	9.1E-06	1.6E-01	5.5E-02	7.8E-08	2.3E+00
58	0.09	8.8E-08	8.9E-01	1.1E-02	1.0E-03	1.0E-05	1.6E-01	5.5E-02	8.7E-08	2.4E+00
59	0.10	1.0E-07	1.0E+00	1.1E-02	1.0E-03	1.2E-05	1.6E-01	5.5E-02	9.9E-08	2.3E+00
60	0.11	1.1E-07	1.1E+00	1.1E-02	1.0E-03	1.2E-05	1.6E-01	5.5E-02	1.1E-07	2.1E+00
61	0.11	1.1E-07	1.1E+00	1.1E-02	1.0E-03	1.3E-05	1.6E-01	5.5E-02	1.1E-07	1.8E+00
62	0.11	1.1E-07	1.1E+00	1.1E-02	1.0E-03	1.3E-05	1.6E-01	5.5E-02	1.1E-07	1.5E+00
63	0.11	1.1E-07	1.1E+00	1.1E-02	1.0E-03	1.2E-05	1.6E-01	5.5E-02	1.1E-07	1.3E+00
64	0.10	9.9E-08	1.0E+00	1.1E-02	1.0E-03	1.1E-05	1.6E-01	5.5E-02	9.9E-08	1.1E+00
65	0.03	3.1E-08	3.1E-01	1.1E-02	1.0E-03	3.6E-06	1.6E-01	5.5E-02	3.1E-08	6.0E-01
66	0.04	3.7E-08	3.7E-01	1.1E-02	1.0E-03	4.2E-06	1.6E-01	5.5E-02	3.6E-08	7.8E-01
67	0.04	4.4E-08	4.4E-01	1.1E-02	1.0E-03	5.0E-06	1.6E-01	5.5E-02	4.3E-08	1.0E+00
68	0.05	5.2E-08	5.3E-01	1.1E-02	1.0E-03	6.0E-06	1.6E-01	5.5E-02	5.2E-08	1.4E+00
69	0.06	6.3E-08	6.3E-01	1.1E-02	1.0E-03	7.2E-06	1.6E-01	5.5E-02	6.2E-08	1.9E+00
70	0.07	7.5E-08	7.5E-01	1.1E-02	1.0E-03	8.6E-06	1.6E-01	5.5E-02	7.4E-08	2.5E+00
71	0.09	8.7E-08	8.8E-01	1.1E-02	1.0E-03	1.0E-05	1.6E-01	5.5E-02	8.7E-08	3.0E+00
72	0.10	9.9E-08	1.0E+00	1.1E-02	1.0E-03	1.1E-05	1.6E-01	5.5E-02	9.8E-08	3.6E+00
73	0.11	1.1E-07	1.1E+00	1.1E-02	1.0E-03	1.3E-05	1.6E-01	5.5E-02	1.1E-07	3.9E+00
74	0.13	1.3E-07	1.3E+00	1.1E-02	1.0E-03	1.5E-05	1.6E-01	5.5E-02	1.3E-07	3.7E+00
75	0.15	1.5E-07	1.5E+00	1.1E-02	1.0E-03	1.7E-05	1.6E-01	5.5E-02	1.5E-07	3.2E+00
76	0.16	1.6E-07	1.6E+00	1.1E-02	1.0E-03	1.8E-05	1.6E-01	5.5E-02	1.6E-07	2.6E+00
77	0.16	1.6E-07	1.6E+00	1.1E-02	1.0E-03	1.8E-05	1.6E-01	5.5E-02	1.6E-07	2.1E+00
78	0.15	1.5E-07	1.5E+00	1.1E-02	1.0E-03	1.7E-05	1.6E-01	5.5E-02	1.5E-07	1.7E+00
79	0.13	1.3E-07	1.4E+00	1.1E-02	1.0E-03	1.6E-05	1.6E-01	5.5E-02	1.3E-07	1.4E+00
80	0.12	1.2E-07	1.2E+00	1.1E-02	1.0E-03	1.4E-05	1.6E-01	5.5E-02	1.2E-07	1.1E+00
81	0.03	3.5E-08	3.5E-01	1.1E-02	1.0E-03	4.0E-06	1.6E-01	5.5E-02	3.4E-08	6.8E-01
82	0.04	4.2E-08	4.2E-01	1.1E-02	1.0E-03	4.8E-06	1.6E-01	5.5E-02	4.2E-08	9.3E-01
83	0.05	5.1E-08	5.2E-01	1.1E-02	1.0E-03	5.9E-06	1.6E-01	5.5E-02	5.1E-08	1.3E+00
84	0.06	6.4E-08	6.4E-01	1.1E-02	1.0E-03	7.4E-06	1.6E-01	5.5E-02	6.3E-08	2.0E+00
85	0.08	8.0E-08	8.1E-01	1.1E-02	1.0E-03	9.2E-06	1.6E-01	5.5E-02	7.9E-08	3.1E+00
86	0.10	1.0E-07	1.0E+00	1.1E-02	1.0E-03	1.2E-05	1.6E-01	5.5E-02	1.0E-07	4.8E+00
87	0.13	1.3E-07	1.3E+00	1.1E-02	1.0E-03	1.4E-05	1.6E-01	5.5E-02	1.2E-07	6.6E+00
88	0.15	1.5E-07	1.5E+00	1.1E-02	1.0E-03	1.7E-05	1.6E-01	5.5E-02	1.5E-07	7.9E+00
89	0.18	1.8E-07	1.8E+00	1.1E-02	1.0E-03	2.0E-05	1.6E-01	5.5E-02	1.8E-07	7.2E+00
90	0.22	2.2E-07	2.2E+00	1.1E-02	1.0E-03	2.5E-05	1.6E-01	5.5E-02	2.1E-07	5.6E+00
91	0.23	2.3E-07	2.4E+00	1.1E-02	1.0E-03	2.7E-05	1.6E-01	5.5E-02	2.3E-07	4.2E+00
92	0.23	2.3E-07	2.4E+00	1.1E-02	1.0E-03	2.7E-05	1.6E-01	5.5E-02	2.3E-07	3.1E+00

93	0.22	2.2E-07	2.2E+00	1.1E-02	1.0E-03	2.5E-05	1.6E-01	5.5E-02	2.2E-07	2.3E+00
94	0.19	1.9E-07	1.9E+00	1.1E-02	1.0E-03	2.2E-05	1.6E-01	5.5E-02	1.9E-07	1.8E+00
95	0.16	1.6E-07	1.7E+00	1.1E-02	1.0E-03	1.9E-05	1.6E-01	5.5E-02	1.6E-07	1.4E+00
96	0.14	1.4E-07	1.4E+00	1.1E-02	1.0E-03	1.6E-05	1.6E-01	5.5E-02	1.4E-07	1.1E+00
97	0.04	3.8E-08	3.8E-01	1.1E-02	1.0E-03	4.4E-06	1.6E-01	5.5E-02	3.8E-08	7.5E-01
98	0.05	4.7E-08	4.7E-01	1.1E-02	1.0E-03	5.4E-06	1.6E-01	5.5E-02	4.7E-08	1.1E+00
99	0.06	6.0E-08	6.0E-01	1.1E-02	1.0E-03	6.9E-06	1.6E-01	5.5E-02	5.9E-08	1.6E+00
100	0.08	7.7E-08	7.8E-01	1.1E-02	1.0E-03	8.9E-06	1.6E-01	5.5E-02	7.7E-08	2.7E+00
101	0.10	1.0E-07	1.0E+00	1.1E-02	1.0E-03	1.2E-05	1.6E-01	5.5E-02	1.0E-07	5.2E+00
102	0.14	1.4E-07	1.4E+00	1.1E-02	1.0E-03	1.6E-05	1.6E-01	5.5E-02	1.4E-07	1.2E+01
103	0.20	2.0E-07	1.9E+00	1.1E-02	1.0E-03	2.2E-05	1.6E-01	5.5E-02	1.9E-07	2.3E+01
104	0.26	2.6E-07	2.6E+00	1.1E-02	1.0E-03	2.9E-05	1.6E-01	5.5E-02	2.5E-07	2.0E+01
105	0.33	3.3E-07	3.3E+00	1.1E-02	1.0E-03	3.8E-05	1.6E-01	5.5E-02	3.2E-07	1.2E+01
106	0.39	3.9E-07	4.0E+00	1.1E-02	1.0E-03	4.6E-05	1.6E-01	5.5E-02	3.9E-07	7.4E+00
107	0.39	3.9E-07	4.0E+00	1.1E-02	1.0E-03	4.5E-05	1.6E-01	5.5E-02	3.9E-07	4.7E+00
108	0.35	3.5E-07	3.6E+00	1.1E-02	1.0E-03	4.1E-05	1.6E-01	5.5E-02	3.5E-07	3.2E+00
109	0.29	2.9E-07	3.0E+00	1.1E-02	1.0E-03	3.4E-05	1.6E-01	5.5E-02	2.9E-07	2.3E+00
110	0.24	2.4E-07	2.4E+00	1.1E-02	1.0E-03	2.8E-05	1.6E-01	5.5E-02	2.4E-07	1.7E+00
111	0.19	1.9E-07	1.9E+00	1.1E-02	1.0E-03	2.2E-05	1.6E-01	5.5E-02	1.9E-07	1.3E+00
112	0.15	1.5E-07	1.6E+00	1.1E-02	1.0E-03	1.8E-05	1.6E-01	5.5E-02	1.5E-07	1.0E+00
113	0.04	4.1E-08	4.2E-01	1.1E-02	1.0E-03	4.8E-06	1.6E-01	5.5E-02	4.1E-08	7.9E-01
114	0.05	5.2E-08	5.3E-01	1.1E-02	1.0E-03	6.0E-06	1.6E-01	5.5E-02	5.2E-08	1.1E+00
115	0.07	6.8E-08	6.9E-01	1.1E-02	1.0E-03	7.9E-06	1.6E-01	5.5E-02	6.8E-08	1.8E+00
116	0.09	9.2E-08	9.4E-01	1.1E-02	1.0E-03	1.1E-05	1.6E-01	5.5E-02	9.2E-08	3.3E+00
117	0.13	1.3E-07	1.3E+00	1.1E-02	1.0E-03	1.5E-05	1.6E-01	5.5E-02	1.3E-07	7.6E+00
118	0.83	8.3E-07	8.4E+00	1.1E-02	1.0E-03	9.6E-05	1.6E-01	5.5E-02	8.3E-07	7.7E+00
119	0.66	6.6E-07	6.7E+00	1.1E-02	1.0E-03	7.6E-05	1.6E-01	5.5E-02	6.6E-07	4.5E+00
120	0.50	5.0E-07	5.1E+00	1.1E-02	1.0E-03	5.8E-05	1.6E-01	5.5E-02	5.0E-07	3.0E+00
121	0.37	3.7E-07	3.8E+00	1.1E-02	1.0E-03	4.3E-05	1.6E-01	5.5E-02	3.7E-07	2.1E+00
122	0.28	2.8E-07	2.8E+00	1.1E-02	1.0E-03	3.2E-05	1.6E-01	5.5E-02	2.8E-07	1.5E+00
123	0.21	2.1E-07	2.1E+00	1.1E-02	1.0E-03	2.4E-05	1.6E-01	5.5E-02	2.1E-07	1.1E+00
124	0.16	1.6E-07	1.6E+00	1.1E-02	1.0E-03	1.9E-05	1.6E-01	5.5E-02	1.6E-07	9.0E-01
125	0.04	4.3E-08	4.4E-01	1.1E-02	1.0E-03	5.0E-06	1.6E-01	5.5E-02	4.3E-08	7.8E-01
126	0.06	5.6E-08	5.6E-01	1.1E-02	1.0E-03	6.4E-06	1.6E-01	5.5E-02	5.6E-08	1.1E+00
127	0.07	7.5E-08	7.6E-01	1.1E-02	1.0E-03	8.6E-06	1.6E-01	5.5E-02	7.4E-08	1.8E+00
128	0.11	1.1E-07	1.1E+00	1.1E-02	1.0E-03	1.2E-05	1.6E-01	5.5E-02	1.0E-07	3.3E+00
129	0.16	1.6E-07	1.6E+00	1.1E-02	1.0E-03	1.8E-05	1.6E-01	5.5E-02	1.6E-07	7.4E+00
130	1.67	1.7E-06	1.7E+01	1.1E-02	1.0E-03	1.9E-04	1.6E-01	5.5E-02	1.7E-06	6.3E+00
131	0.99	9.9E-07	1.0E+01	1.1E-02	1.0E-03	1.2E-04	1.6E-01	5.5E-02	9.9E-07	3.7E+00
132	0.62	6.2E-07	6.3E+00	1.1E-02	1.0E-03	7.2E-05	1.6E-01	5.5E-02	6.2E-07	2.4E+00
133	0.42	4.2E-07	4.2E+00	1.1E-02	1.0E-03	4.9E-05	1.6E-01	5.5E-02	4.2E-07	1.7E+00
134	0.29	2.9E-07	2.9E+00	1.1E-02	1.0E-03	3.4E-05	1.6E-01	5.5E-02	2.9E-07	1.3E+00
135	0.21	2.1E-07	2.1E+00	1.1E-02	1.0E-03	2.4E-05	1.6E-01	5.5E-02	2.1E-07	9.9E-01
136	0.16	1.6E-07	1.6E+00	1.1E-02	1.0E-03	1.8E-05	1.6E-01	5.5E-02	1.6E-07	7.8E-01
137	0.04	4.4E-08	4.5E-01	1.1E-02	1.0E-03	5.1E-06	1.6E-01	5.5E-02	4.4E-08	7.4E-01
138	0.06	5.8E-08	5.9E-01	1.1E-02	1.0E-03	6.7E-06	1.6E-01	5.5E-02	5.8E-08	1.0E+00
139	0.08	7.8E-08	7.9E-01	1.1E-02	1.0E-03	9.0E-06	1.6E-01	5.5E-02	7.8E-08	1.6E+00
140	0.11	1.1E-07	1.1E+00	1.1E-02	1.0E-03	1.3E-05	1.6E-01	5.5E-02	1.1E-07	2.7E+00
141	0.17	1.7E-07	1.8E+00	1.1E-02	1.0E-03	2.0E-05	1.6E-01	5.5E-02	1.7E-07	5.0E+00

142	2.47	2.5E-06	2.5E+01	1.1E-02	1.0E-03	2.9E-04	1.6E-01	5.5E-02	2.5E-06	4.5E+00
143	1.19	1.2E-06	1.2E+01	1.1E-02	1.0E-03	1.4E-04	1.6E-01	5.5E-02	1.2E-06	2.9E+00
144	0.65	6.5E-07	6.7E+00	1.1E-02	1.0E-03	7.6E-05	1.6E-01	5.5E-02	6.5E-07	2.0E+00
145	0.41	4.1E-07	4.2E+00	1.1E-02	1.0E-03	4.8E-05	1.6E-01	5.5E-02	4.1E-07	1.5E+00
146	0.27	2.7E-07	2.8E+00	1.1E-02	1.0E-03	3.1E-05	1.6E-01	5.5E-02	2.7E-07	1.1E+00
147	0.19	1.9E-07	1.9E+00	1.1E-02	1.0E-03	2.2E-05	1.6E-01	5.5E-02	1.9E-07	8.6E-01
148	0.14	1.4E-07	1.4E+00	1.1E-02	1.0E-03	1.6E-05	1.6E-01	5.5E-02	1.4E-07	6.9E-01
149	0.04	4.4E-08	4.5E-01	1.1E-02	1.0E-03	5.1E-06	1.6E-01	5.5E-02	4.4E-08	6.7E-01
150	0.06	5.6E-08	5.7E-01	1.1E-02	1.0E-03	6.5E-06	1.6E-01	5.5E-02	5.6E-08	9.0E-01
151	0.08	7.7E-08	7.8E-01	1.1E-02	1.0E-03	8.9E-06	1.6E-01	5.5E-02	7.7E-08	1.3E+00
152	0.11	1.1E-07	1.1E+00	1.1E-02	1.0E-03	1.3E-05	1.6E-01	5.5E-02	1.1E-07	2.0E+00
153	0.17	1.7E-07	1.7E+00	1.1E-02	1.0E-03	2.0E-05	1.6E-01	5.5E-02	1.7E-07	3.1E+00
154	3.77	3.8E-06	3.8E+01	1.1E-02	1.0E-03	4.4E-04	1.6E-01	5.5E-02	3.8E-06	3.3E+00
155	1.12	1.1E-06	1.1E+01	1.1E-02	1.0E-03	1.3E-04	1.6E-01	5.5E-02	1.1E-06	2.3E+00
156	0.55	5.5E-07	5.6E+00	1.1E-02	1.0E-03	6.4E-05	1.6E-01	5.5E-02	5.5E-07	1.6E+00
157	0.35	3.5E-07	3.6E+00	1.1E-02	1.0E-03	4.1E-05	1.6E-01	5.5E-02	3.5E-07	1.2E+00
158	0.23	2.3E-07	2.4E+00	1.1E-02	1.0E-03	2.7E-05	1.6E-01	5.5E-02	2.3E-07	9.6E-01
159	0.16	1.6E-07	1.7E+00	1.1E-02	1.0E-03	1.9E-05	1.6E-01	5.5E-02	1.6E-07	7.6E-01
160	0.12	1.2E-07	1.2E+00	1.1E-02	1.0E-03	1.4E-05	1.6E-01	5.5E-02	1.2E-07	6.1E-01
161	0.04	4.0E-08	4.0E-01	1.1E-02	1.0E-03	4.6E-06	1.6E-01	5.5E-02	4.0E-08	5.9E-01
162	0.05	5.1E-08	5.2E-01	1.1E-02	1.0E-03	5.9E-06	1.6E-01	5.5E-02	5.1E-08	7.6E-01
163	0.07	6.8E-08	6.9E-01	1.1E-02	1.0E-03	7.8E-06	1.6E-01	5.5E-02	6.8E-08	1.0E+00
164	0.10	9.9E-08	1.0E+00	1.1E-02	1.0E-03	1.2E-05	1.6E-01	5.5E-02	9.9E-08	1.4E+00
165	0.15	1.5E-07	1.6E+00	1.1E-02	1.0E-03	1.8E-05	1.6E-01	5.5E-02	1.5E-07	2.1E+00
166	0.26	2.6E-07	2.7E+00	1.1E-02	1.0E-03	3.0E-05	1.6E-01	5.5E-02	2.6E-07	2.9E+00
167	0.54	5.4E-07	5.5E+00	1.1E-02	1.0E-03	6.3E-05	1.6E-01	5.5E-02	5.4E-07	3.6E+00
168	1.47	1.5E-06	1.5E+01	1.1E-02	1.0E-03	1.7E-04	1.6E-01	5.5E-02	1.5E-06	3.6E+00
169	2.41	2.4E-06	2.5E+01	1.1E-02	1.0E-03	2.8E-04	1.6E-01	5.5E-02	2.4E-06	3.1E+00
170	1.57	1.6E-06	1.6E+01	1.1E-02	1.0E-03	1.8E-04	1.6E-01	5.5E-02	1.6E-06	2.5E+00
171	0.76	7.6E-07	7.8E+00	1.1E-02	1.0E-03	8.9E-05	1.6E-01	5.5E-02	7.6E-07	1.9E+00
172	0.40	4.0E-07	4.0E+00	1.1E-02	1.0E-03	4.6E-05	1.6E-01	5.5E-02	4.0E-07	1.3E+00
173	0.26	2.6E-07	2.6E+00	1.1E-02	1.0E-03	3.0E-05	1.6E-01	5.5E-02	2.6E-07	1.0E+00
174	0.19	1.9E-07	1.9E+00	1.1E-02	1.0E-03	2.2E-05	1.6E-01	5.5E-02	1.9E-07	8.5E-01
175	0.14	1.4E-07	1.4E+00	1.1E-02	1.0E-03	1.6E-05	1.6E-01	5.5E-02	1.4E-07	6.8E-01
176	0.10	1.0E-07	1.1E+00	1.1E-02	1.0E-03	1.2E-05	1.6E-01	5.5E-02	1.0E-07	5.6E-01
177	0.04	3.7E-08	3.8E-01	1.1E-02	1.0E-03	4.3E-06	1.6E-01	5.5E-02	3.7E-08	5.1E-01
178	0.05	4.7E-08	4.8E-01	1.1E-02	1.0E-03	5.4E-06	1.6E-01	5.5E-02	4.7E-08	6.4E-01
179	0.06	6.0E-08	6.1E-01	1.1E-02	1.0E-03	7.0E-06	1.6E-01	5.5E-02	6.0E-08	8.2E-01
180	0.09	8.9E-08	9.0E-01	1.1E-02	1.0E-03	1.0E-05	1.6E-01	5.5E-02	8.9E-08	1.1E+00
181	0.13	1.3E-07	1.3E+00	1.1E-02	1.0E-03	1.5E-05	1.6E-01	5.5E-02	1.3E-07	1.5E+00
182	0.20	2.0E-07	2.0E+00	1.1E-02	1.0E-03	2.3E-05	1.6E-01	5.5E-02	2.0E-07	1.9E+00
183	0.34	3.4E-07	3.4E+00	1.1E-02	1.0E-03	3.9E-05	1.6E-01	5.5E-02	3.4E-07	2.2E+00
184	0.57	5.7E-07	5.8E+00	1.1E-02	1.0E-03	6.6E-05	1.6E-01	5.5E-02	5.7E-07	2.3E+00
185	0.77	7.7E-07	7.8E+00	1.1E-02	1.0E-03	8.9E-05	1.6E-01	5.5E-02	7.7E-07	2.2E+00
186	0.68	6.8E-07	6.9E+00	1.1E-02	1.0E-03	7.9E-05	1.6E-01	5.5E-02	6.8E-07	1.8E+00
187	0.48	4.8E-07	4.8E+00	1.1E-02	1.0E-03	5.5E-05	1.6E-01	5.5E-02	4.8E-07	1.5E+00
188	0.31	3.1E-07	3.2E+00	1.1E-02	1.0E-03	3.6E-05	1.6E-01	5.5E-02	3.1E-07	1.2E+00
189	0.20	2.0E-07	2.0E+00	1.1E-02	1.0E-03	2.3E-05	1.6E-01	5.5E-02	2.0E-07	9.0E-01
190	0.16	1.6E-07	1.6E+00	1.1E-02	1.0E-03	1.8E-05	1.6E-01	5.5E-02	1.5E-07	7.6E-01

191	0.12	1.2E-07	1.2E+00	1.1E-02	1.0E-03	1.4E-05	1.6E-01	5.5E-02	1.2E-07	6.3E-01
192	0.09	9.0E-08	9.2E-01	1.1E-02	1.0E-03	1.0E-05	1.6E-01	5.5E-02	9.0E-08	5.2E-01
193	0.03	3.4E-08	3.5E-01	1.1E-02	1.0E-03	4.0E-06	1.6E-01	5.5E-02	3.4E-08	4.4E-01
194	0.04	4.4E-08	4.5E-01	1.1E-02	1.0E-03	5.1E-06	1.6E-01	5.5E-02	4.4E-08	5.4E-01
195	0.06	5.8E-08	5.9E-01	1.1E-02	1.0E-03	6.7E-06	1.6E-01	5.5E-02	5.8E-08	6.7E-01
196	0.08	7.7E-08	7.8E-01	1.1E-02	1.0E-03	8.9E-06	1.6E-01	5.5E-02	7.7E-08	8.6E-01
197	0.10	1.0E-07	1.1E+00	1.1E-02	1.0E-03	1.2E-05	1.6E-01	5.5E-02	1.0E-07	1.1E+00
198	0.15	1.5E-07	1.5E+00	1.1E-02	1.0E-03	1.7E-05	1.6E-01	5.5E-02	1.5E-07	1.3E+00
199	0.22	2.2E-07	2.2E+00	1.1E-02	1.0E-03	2.6E-05	1.6E-01	5.5E-02	2.2E-07	1.5E+00
200	0.31	3.1E-07	3.2E+00	1.1E-02	1.0E-03	3.6E-05	1.6E-01	5.5E-02	3.1E-07	1.6E+00
201	0.38	3.8E-07	3.9E+00	1.1E-02	1.0E-03	4.4E-05	1.6E-01	5.5E-02	3.8E-07	1.5E+00
202	0.37	3.7E-07	3.7E+00	1.1E-02	1.0E-03	4.3E-05	1.6E-01	5.5E-02	3.7E-07	1.4E+00
203	0.29	2.9E-07	2.9E+00	1.1E-02	1.0E-03	3.3E-05	1.6E-01	5.5E-02	2.9E-07	1.1E+00
204	0.22	2.2E-07	2.3E+00	1.1E-02	1.0E-03	2.6E-05	1.6E-01	5.5E-02	2.2E-07	9.7E-01
205	0.17	1.7E-07	1.7E+00	1.1E-02	1.0E-03	1.9E-05	1.6E-01	5.5E-02	1.7E-07	8.0E-01
206	0.12	1.2E-07	1.2E+00	1.1E-02	1.0E-03	1.4E-05	1.6E-01	5.5E-02	1.2E-07	6.5E-01
207	0.10	1.0E-07	1.0E+00	1.1E-02	1.0E-03	1.2E-05	1.6E-01	5.5E-02	1.0E-07	5.7E-01
208	0.08	8.1E-08	8.2E-01	1.1E-02	1.0E-03	9.4E-06	1.6E-01	5.5E-02	8.1E-08	4.8E-01
209	0.03	3.4E-08	3.4E-01	1.1E-02	1.0E-03	3.9E-06	1.6E-01	5.5E-02	3.4E-08	3.8E-01
210	0.04	4.1E-08	4.2E-01	1.1E-02	1.0E-03	4.8E-06	1.6E-01	5.5E-02	4.1E-08	4.6E-01
211	0.05	5.1E-08	5.2E-01	1.1E-02	1.0E-03	5.9E-06	1.6E-01	5.5E-02	5.1E-08	5.6E-01
212	0.06	6.4E-08	6.5E-01	1.1E-02	1.0E-03	7.5E-06	1.6E-01	5.5E-02	6.4E-08	6.8E-01
213	0.08	8.4E-08	8.5E-01	1.1E-02	1.0E-03	9.7E-06	1.6E-01	5.5E-02	8.4E-08	8.3E-01
214	0.11	1.1E-07	1.2E+00	1.1E-02	1.0E-03	1.3E-05	1.6E-01	5.5E-02	1.1E-07	9.7E-01
215	0.15	1.5E-07	1.6E+00	1.1E-02	1.0E-03	1.8E-05	1.6E-01	5.5E-02	1.5E-07	1.1E+00
216	0.20	2.0E-07	2.0E+00	1.1E-02	1.0E-03	2.3E-05	1.6E-01	5.5E-02	2.0E-07	1.1E+00
217	0.23	2.3E-07	2.3E+00	1.1E-02	1.0E-03	2.6E-05	1.6E-01	5.5E-02	2.3E-07	1.1E+00
218	0.23	2.3E-07	2.3E+00	1.1E-02	1.0E-03	2.7E-05	1.6E-01	5.5E-02	2.3E-07	1.1E+00
219	0.21	2.1E-07	2.1E+00	1.1E-02	1.0E-03	2.4E-05	1.6E-01	5.5E-02	2.1E-07	9.6E-01
220	0.18	1.8E-07	1.8E+00	1.1E-02	1.0E-03	2.1E-05	1.6E-01	5.5E-02	1.8E-07	8.4E-01
221	0.14	1.4E-07	1.4E+00	1.1E-02	1.0E-03	1.7E-05	1.6E-01	5.5E-02	1.4E-07	7.2E-01
222	0.10	1.0E-07	1.1E+00	1.1E-02	1.0E-03	1.2E-05	1.6E-01	5.5E-02	1.0E-07	5.8E-01
223	0.08	8.3E-08	8.4E-01	1.1E-02	1.0E-03	9.6E-06	1.6E-01	5.5E-02	8.3E-08	4.9E-01
224	0.07	7.2E-08	7.4E-01	1.1E-02	1.0E-03	8.4E-06	1.6E-01	5.5E-02	7.2E-08	4.4E-01
225	0.03	3.1E-08	3.1E-01	1.1E-02	1.0E-03	3.6E-06	1.6E-01	5.5E-02	3.1E-08	3.4E-01
226	0.04	3.7E-08	3.7E-01	1.1E-02	1.0E-03	4.3E-06	1.6E-01	5.5E-02	3.7E-08	4.0E-01
227	0.04	4.4E-08	4.5E-01	1.1E-02	1.0E-03	5.1E-06	1.6E-01	5.5E-02	4.4E-08	4.7E-01
228	0.05	5.5E-08	5.6E-01	1.1E-02	1.0E-03	6.3E-06	1.6E-01	5.5E-02	5.5E-08	5.6E-01
229	0.07	6.9E-08	7.0E-01	1.1E-02	1.0E-03	8.0E-06	1.6E-01	5.5E-02	6.9E-08	6.5E-01
230	0.09	8.8E-08	9.0E-01	1.1E-02	1.0E-03	1.0E-05	1.6E-01	5.5E-02	8.8E-08	7.5E-01
231	0.11	1.1E-07	1.1E+00	1.1E-02	1.0E-03	1.3E-05	1.6E-01	5.5E-02	1.1E-07	8.3E-01
232	0.14	1.4E-07	1.4E+00	1.1E-02	1.0E-03	1.6E-05	1.6E-01	5.5E-02	1.4E-07	8.7E-01
233	0.15	1.5E-07	1.6E+00	1.1E-02	1.0E-03	1.8E-05	1.6E-01	5.5E-02	1.5E-07	8.7E-01
234	0.16	1.6E-07	1.6E+00	1.1E-02	1.0E-03	1.8E-05	1.6E-01	5.5E-02	1.6E-07	8.4E-01
235	0.15	1.5E-07	1.5E+00	1.1E-02	1.0E-03	1.8E-05	1.6E-01	5.5E-02	1.5E-07	7.8E-01
236	0.14	1.4E-07	1.4E+00	1.1E-02	1.0E-03	1.6E-05	1.6E-01	5.5E-02	1.4E-07	7.1E-01
237	0.12	1.2E-07	1.2E+00	1.1E-02	1.0E-03	1.3E-05	1.6E-01	5.5E-02	1.2E-07	6.2E-01
238	0.10	9.5E-08	9.7E-01	1.1E-02	1.0E-03	1.1E-05	1.6E-01	5.5E-02	9.5E-08	5.4E-01
239	0.07	7.2E-08	7.4E-01	1.1E-02	1.0E-03	8.4E-06	1.6E-01	5.5E-02	7.2E-08	4.4E-01

240	0.06	6.0E-08	6.1E-01	1.1E-02	1.0E-03	7.0E-06	1.6E-01	5.5E-02	6.0E-08	3.8E-01
241	0.03	2.7E-08	2.8E-01	1.1E-02	1.0E-03	3.2E-06	1.6E-01	5.5E-02	2.7E-08	2.9E-01
242	0.03	3.2E-08	3.3E-01	1.1E-02	1.0E-03	3.8E-06	1.6E-01	5.5E-02	3.2E-08	3.4E-01
243	0.04	3.8E-08	3.9E-01	1.1E-02	1.0E-03	4.5E-06	1.6E-01	5.5E-02	3.8E-08	4.0E-01
244	0.05	4.6E-08	4.7E-01	1.1E-02	1.0E-03	5.3E-06	1.6E-01	5.5E-02	4.6E-08	4.6E-01
245	0.06	5.7E-08	5.7E-01	1.1E-02	1.0E-03	6.6E-06	1.6E-01	5.5E-02	5.7E-08	5.3E-01
246	0.07	6.9E-08	7.0E-01	1.1E-02	1.0E-03	8.0E-06	1.6E-01	5.5E-02	6.9E-08	6.0E-01
247	0.08	8.5E-08	8.6E-01	1.1E-02	1.0E-03	9.8E-06	1.6E-01	5.5E-02	8.5E-08	6.5E-01
248	0.10	1.0E-07	1.0E+00	1.1E-02	1.0E-03	1.2E-05	1.6E-01	5.5E-02	1.0E-07	6.8E-01
249	0.11	1.1E-07	1.1E+00	1.1E-02	1.0E-03	1.3E-05	1.6E-01	5.5E-02	1.1E-07	6.9E-01
250	0.12	1.2E-07	1.2E+00	1.1E-02	1.0E-03	1.3E-05	1.6E-01	5.5E-02	1.2E-07	6.7E-01
251	0.11	1.1E-07	1.1E+00	1.1E-02	1.0E-03	1.3E-05	1.6E-01	5.5E-02	1.1E-07	6.4E-01
252	0.10	1.0E-07	1.1E+00	1.1E-02	1.0E-03	1.2E-05	1.6E-01	5.5E-02	1.0E-07	5.9E-01
253	0.09	9.3E-08	9.5E-01	1.1E-02	1.0E-03	1.1E-05	1.6E-01	5.5E-02	9.3E-08	5.4E-01
254	0.08	8.1E-08	8.2E-01	1.1E-02	1.0E-03	9.4E-06	1.6E-01	5.5E-02	8.1E-08	4.8E-01
255	0.07	6.7E-08	6.9E-01	1.1E-02	1.0E-03	7.8E-06	1.6E-01	5.5E-02	6.7E-08	4.2E-01
256	0.05	5.3E-08	5.4E-01	1.1E-02	1.0E-03	6.2E-06	1.6E-01	5.5E-02	5.3E-08	3.5E-01
257	0.02	2.5E-08	2.5E-01	1.1E-02	1.0E-03	2.9E-06	1.6E-01	5.5E-02	2.5E-08	2.6E-01
258	0.03	2.9E-08	2.9E-01	1.1E-02	1.0E-03	3.3E-06	1.6E-01	5.5E-02	2.9E-08	3.0E-01
259	0.03	3.3E-08	3.4E-01	1.1E-02	1.0E-03	3.9E-06	1.6E-01	5.5E-02	3.3E-08	3.4E-01
260	0.04	4.0E-08	4.0E-01	1.1E-02	1.0E-03	4.6E-06	1.6E-01	5.5E-02	4.0E-08	3.9E-01
261	0.05	4.7E-08	4.8E-01	1.1E-02	1.0E-03	5.5E-06	1.6E-01	5.5E-02	4.7E-08	4.4E-01
262	0.06	5.6E-08	5.7E-01	1.1E-02	1.0E-03	6.5E-06	1.6E-01	5.5E-02	5.6E-08	4.9E-01
263	0.07	6.7E-08	6.8E-01	1.1E-02	1.0E-03	7.7E-06	1.6E-01	5.5E-02	6.7E-08	5.3E-01
264	0.08	7.6E-08	7.8E-01	1.1E-02	1.0E-03	8.9E-06	1.6E-01	5.5E-02	7.6E-08	5.5E-01
265	0.08	8.4E-08	8.5E-01	1.1E-02	1.0E-03	9.7E-06	1.6E-01	5.5E-02	8.4E-08	5.6E-01
266	0.09	8.7E-08	8.9E-01	1.1E-02	1.0E-03	1.0E-05	1.6E-01	5.5E-02	8.7E-08	5.5E-01
267	0.09	8.7E-08	8.8E-01	1.1E-02	1.0E-03	1.0E-05	1.6E-01	5.5E-02	8.7E-08	5.3E-01
268	0.08	8.3E-08	8.4E-01	1.1E-02	1.0E-03	9.6E-06	1.6E-01	5.5E-02	8.3E-08	5.0E-01
269	0.08	7.6E-08	7.7E-01	1.1E-02	1.0E-03	8.8E-06	1.6E-01	5.5E-02	7.6E-08	4.6E-01
270	0.07	6.8E-08	6.9E-01	1.1E-02	1.0E-03	7.9E-06	1.6E-01	5.5E-02	6.8E-08	4.2E-01
271	0.06	5.9E-08	6.0E-01	1.1E-02	1.0E-03	6.9E-06	1.6E-01	5.5E-02	5.9E-08	3.8E-01
272	0.05	4.8E-08	4.9E-01	1.1E-02	1.0E-03	5.6E-06	1.6E-01	5.5E-02	4.8E-08	3.2E-01
273	0.14	1.4E-07	1.4E+00	1.1E-02	1.0E-03	1.6E-05	1.6E-01	5.5E-02	1.4E-07	1.2E+01
274	0.15	1.5E-07	1.5E+00	1.1E-02	1.0E-03	1.7E-05	1.6E-01	5.5E-02	1.5E-07	1.4E+01
275	0.16	1.6E-07	1.6E+00	1.1E-02	1.0E-03	1.8E-05	1.6E-01	5.5E-02	1.6E-07	1.6E+01
276	0.17	1.7E-07	1.7E+00	1.1E-02	1.0E-03	1.9E-05	1.6E-01	5.5E-02	1.7E-07	1.9E+01
277	0.18	1.8E-07	1.8E+00	1.1E-02	1.0E-03	2.1E-05	1.6E-01	5.5E-02	1.8E-07	2.1E+01
278	0.20	2.0E-07	1.9E+00	1.1E-02	1.0E-03	2.2E-05	1.6E-01	5.5E-02	1.9E-07	2.3E+01
279	0.21	2.1E-07	2.0E+00	1.1E-02	1.0E-03	2.3E-05	1.6E-01	5.5E-02	2.0E-07	2.5E+01
280	0.22	2.2E-07	2.1E+00	1.1E-02	1.0E-03	2.4E-05	1.6E-01	5.5E-02	2.1E-07	2.4E+01
281	0.23	2.3E-07	2.3E+00	1.1E-02	1.0E-03	2.6E-05	1.6E-01	5.5E-02	2.2E-07	2.3E+01
282	0.25	2.5E-07	2.4E+00	1.1E-02	1.0E-03	2.7E-05	1.6E-01	5.5E-02	2.4E-07	2.2E+01
283	0.26	2.6E-07	2.6E+00	1.1E-02	1.0E-03	2.9E-05	1.6E-01	5.5E-02	2.5E-07	2.0E+01
284	0.27	2.7E-07	2.7E+00	1.1E-02	1.0E-03	3.1E-05	1.6E-01	5.5E-02	2.6E-07	1.8E+01
285	0.28	2.8E-07	2.8E+00	1.1E-02	1.0E-03	3.2E-05	1.6E-01	5.5E-02	2.8E-07	1.7E+01
286	0.30	3.0E-07	3.0E+00	1.1E-02	1.0E-03	3.4E-05	1.6E-01	5.5E-02	2.9E-07	1.5E+01
287	0.31	3.1E-07	3.1E+00	1.1E-02	1.0E-03	3.6E-05	1.6E-01	5.5E-02	3.1E-07	1.3E+01
288	0.33	3.3E-07	3.3E+00	1.1E-02	1.0E-03	3.8E-05	1.6E-01	5.5E-02	3.2E-07	1.2E+01

289	0.35	3.5E-07	3.5E+00	1.1E-02	1.0E-03	4.0E-05	1.6E-01	5.5E-02	3.4E-07	1.1E+01
290	0.36	3.6E-07	3.7E+00	1.1E-02	1.0E-03	4.2E-05	1.6E-01	5.5E-02	3.6E-07	9.9E+00
291	0.38	3.8E-07	3.8E+00	1.1E-02	1.0E-03	4.4E-05	1.6E-01	5.5E-02	3.8E-07	9.0E+00
292	0.39	3.9E-07	3.9E+00	1.1E-02	1.0E-03	4.5E-05	1.6E-01	5.5E-02	3.9E-07	8.1E+00
293	0.39	3.9E-07	4.0E+00	1.1E-02	1.0E-03	4.6E-05	1.6E-01	5.5E-02	3.9E-07	7.4E+00
294	0.40	4.0E-07	4.0E+00	1.1E-02	1.0E-03	4.6E-05	1.6E-01	5.5E-02	4.0E-07	6.7E+00
295	0.40	4.0E-07	4.1E+00	1.1E-02	1.0E-03	4.6E-05	1.6E-01	5.5E-02	4.0E-07	6.1E+00
296	0.40	4.0E-07	4.0E+00	1.1E-02	1.0E-03	4.6E-05	1.6E-01	5.5E-02	4.0E-07	5.6E+00
297	0.40	4.0E-07	4.0E+00	1.1E-02	1.0E-03	4.6E-05	1.6E-01	5.5E-02	4.0E-07	5.1E+00
298	0.39	3.9E-07	4.0E+00	1.1E-02	1.0E-03	4.5E-05	1.6E-01	5.5E-02	3.9E-07	4.7E+00
299	0.15	1.5E-07	1.5E+00	1.1E-02	1.0E-03	1.7E-05	1.6E-01	5.5E-02	1.5E-07	1.4E+01
300	0.16	1.6E-07	1.6E+00	1.1E-02	1.0E-03	1.8E-05	1.6E-01	5.5E-02	1.6E-07	1.8E+01
301	0.17	1.7E-07	1.7E+00	1.1E-02	1.0E-03	2.0E-05	1.6E-01	5.5E-02	1.7E-07	2.2E+01
302	0.19	1.9E-07	1.8E+00	1.1E-02	1.0E-03	2.1E-05	1.6E-01	5.5E-02	1.8E-07	2.6E+01
303	0.20	2.0E-07	2.0E+00	1.1E-02	1.0E-03	2.3E-05	1.6E-01	5.5E-02	1.9E-07	3.1E+01
304	0.21	2.1E-07	2.1E+00	1.1E-02	1.0E-03	2.4E-05	1.6E-01	5.5E-02	2.1E-07	3.4E+01
305	0.23	2.3E-07	2.2E+00	1.1E-02	1.0E-03	2.6E-05	1.6E-01	5.5E-02	2.2E-07	3.5E+01
306	0.24	2.4E-07	2.4E+00	1.1E-02	1.0E-03	2.7E-05	1.6E-01	5.5E-02	2.3E-07	3.3E+01
307	0.26	2.6E-07	2.5E+00	1.1E-02	1.0E-03	2.9E-05	1.6E-01	5.5E-02	2.5E-07	3.0E+01
308	0.27	2.7E-07	2.7E+00	1.1E-02	1.0E-03	3.1E-05	1.6E-01	5.5E-02	2.7E-07	2.7E+01
309	0.29	2.9E-07	2.9E+00	1.1E-02	1.0E-03	3.3E-05	1.6E-01	5.5E-02	2.8E-07	2.4E+01
310	0.31	3.1E-07	3.0E+00	1.1E-02	1.0E-03	3.5E-05	1.6E-01	5.5E-02	3.0E-07	2.1E+01
311	0.32	3.2E-07	3.2E+00	1.1E-02	1.0E-03	3.7E-05	1.6E-01	5.5E-02	3.2E-07	1.9E+01
312	0.34	3.4E-07	3.4E+00	1.1E-02	1.0E-03	3.9E-05	1.6E-01	5.5E-02	3.3E-07	1.7E+01
313	0.36	3.6E-07	3.6E+00	1.1E-02	1.0E-03	4.2E-05	1.6E-01	5.5E-02	3.6E-07	1.5E+01
314	0.38	3.8E-07	3.8E+00	1.1E-02	1.0E-03	4.4E-05	1.6E-01	5.5E-02	3.8E-07	1.3E+01
315	0.40	4.0E-07	4.0E+00	1.1E-02	1.0E-03	4.6E-05	1.6E-01	5.5E-02	4.0E-07	1.2E+01
316	0.42	4.2E-07	4.3E+00	1.1E-02	1.0E-03	4.9E-05	1.6E-01	5.5E-02	4.2E-07	1.0E+01
317	0.44	4.4E-07	4.4E+00	1.1E-02	1.0E-03	5.1E-05	1.6E-01	5.5E-02	4.4E-07	9.4E+00
318	0.45	4.5E-07	4.5E+00	1.1E-02	1.0E-03	5.2E-05	1.6E-01	5.5E-02	4.5E-07	8.4E+00
319	0.45	4.5E-07	4.6E+00	1.1E-02	1.0E-03	5.2E-05	1.6E-01	5.5E-02	4.5E-07	7.6E+00
320	0.45	4.5E-07	4.6E+00	1.1E-02	1.0E-03	5.3E-05	1.6E-01	5.5E-02	4.5E-07	6.9E+00
321	0.45	4.5E-07	4.6E+00	1.1E-02	1.0E-03	5.3E-05	1.6E-01	5.5E-02	4.5E-07	6.2E+00
322	0.45	4.5E-07	4.6E+00	1.1E-02	1.0E-03	5.2E-05	1.6E-01	5.5E-02	4.5E-07	5.7E+00
323	0.44	4.4E-07	4.5E+00	1.1E-02	1.0E-03	5.1E-05	1.6E-01	5.5E-02	4.4E-07	5.2E+00
324	0.44	4.4E-07	4.4E+00	1.1E-02	1.0E-03	5.1E-05	1.6E-01	5.5E-02	4.4E-07	4.8E+00
325	0.16	1.6E-07	1.6E+00	1.1E-02	1.0E-03	1.9E-05	1.6E-01	5.5E-02	1.6E-07	1.8E+01
326	0.17	1.7E-07	1.7E+00	1.1E-02	1.0E-03	2.0E-05	1.6E-01	5.5E-02	1.7E-07	2.3E+01
327	0.19	1.9E-07	1.9E+00	1.1E-02	1.0E-03	2.1E-05	1.6E-01	5.5E-02	1.8E-07	2.9E+01
328	0.21	2.1E-07	2.0E+00	1.1E-02	1.0E-03	2.3E-05	1.6E-01	5.5E-02	2.0E-07	3.8E+01
329	0.22	2.2E-07	2.2E+00	1.1E-02	1.0E-03	2.5E-05	1.6E-01	5.5E-02	2.1E-07	4.8E+01
330	0.23	2.3E-07	2.3E+00	1.1E-02	1.0E-03	2.7E-05	1.6E-01	5.5E-02	2.3E-07	5.4E+01
331	0.25	2.5E-07	2.5E+00	1.1E-02	1.0E-03	2.8E-05	1.6E-01	5.5E-02	2.4E-07	5.3E+01
332	0.26	2.6E-07	2.7E+00	1.1E-02	1.0E-03	3.0E-05	1.6E-01	5.5E-02	2.6E-07	4.7E+01
333	0.28	2.8E-07	2.9E+00	1.1E-02	1.0E-03	3.3E-05	1.6E-01	5.5E-02	2.8E-07	4.0E+01
334	0.31	3.1E-07	3.1E+00	1.1E-02	1.0E-03	3.5E-05	1.6E-01	5.5E-02	3.0E-07	3.4E+01
335	0.33	3.3E-07	3.3E+00	1.1E-02	1.0E-03	3.8E-05	1.6E-01	5.5E-02	3.3E-07	2.9E+01
336	0.35	3.5E-07	3.5E+00	1.1E-02	1.0E-03	4.0E-05	1.6E-01	5.5E-02	3.4E-07	2.4E+01
337	0.38	3.8E-07	3.7E+00	1.1E-02	1.0E-03	4.3E-05	1.6E-01	5.5E-02	3.7E-07	2.1E+01

338	0.40	4.0E-07	4.0E+00	1.1E-02	1.0E-03	4.5E-05	1.6E-01	5.5E-02	3.9E-07	1.8E+01
339	0.43	4.3E-07	4.3E+00	1.1E-02	1.0E-03	4.9E-05	1.6E-01	5.5E-02	4.2E-07	1.6E+01
340	0.45	4.5E-07	4.5E+00	1.1E-02	1.0E-03	5.2E-05	1.6E-01	5.5E-02	4.4E-07	1.4E+01
341	0.47	4.7E-07	4.8E+00	1.1E-02	1.0E-03	5.4E-05	1.6E-01	5.5E-02	4.7E-07	1.2E+01
342	0.50	5.0E-07	5.0E+00	1.1E-02	1.0E-03	5.7E-05	1.6E-01	5.5E-02	4.9E-07	1.1E+01
343	0.51	5.1E-07	5.2E+00	1.1E-02	1.0E-03	5.9E-05	1.6E-01	5.5E-02	5.1E-07	9.7E+00
344	0.52	5.2E-07	5.3E+00	1.1E-02	1.0E-03	6.0E-05	1.6E-01	5.5E-02	5.2E-07	8.7E+00
345	0.52	5.2E-07	5.3E+00	1.1E-02	1.0E-03	6.1E-05	1.6E-01	5.5E-02	5.2E-07	7.8E+00
346	0.52	5.2E-07	5.3E+00	1.1E-02	1.0E-03	6.0E-05	1.6E-01	5.5E-02	5.2E-07	7.0E+00
347	0.52	5.2E-07	5.2E+00	1.1E-02	1.0E-03	6.0E-05	1.6E-01	5.5E-02	5.2E-07	6.3E+00
348	0.51	5.1E-07	5.2E+00	1.1E-02	1.0E-03	5.9E-05	1.6E-01	5.5E-02	5.1E-07	5.7E+00
349	0.50	5.0E-07	5.0E+00	1.1E-02	1.0E-03	5.8E-05	1.6E-01	5.5E-02	5.0E-07	5.2E+00
350	0.49	4.9E-07	4.9E+00	1.1E-02	1.0E-03	5.6E-05	1.6E-01	5.5E-02	4.8E-07	4.8E+00
351	0.17	1.7E-07	1.7E+00	1.1E-02	1.0E-03	2.0E-05	1.6E-01	5.5E-02	1.7E-07	2.1E+01
352	0.19	1.9E-07	1.9E+00	1.1E-02	1.0E-03	2.1E-05	1.6E-01	5.5E-02	1.8E-07	2.9E+01
353	0.21	2.1E-07	2.0E+00	1.1E-02	1.0E-03	2.3E-05	1.6E-01	5.5E-02	2.0E-07	4.0E+01
354	0.22	2.2E-07	2.2E+00	1.1E-02	1.0E-03	2.5E-05	1.6E-01	5.5E-02	2.2E-07	5.7E+01
355	0.24	2.4E-07	2.4E+00	1.1E-02	1.0E-03	2.7E-05	1.6E-01	5.5E-02	2.3E-07	2.2E+01
356	0.26	2.6E-07	2.6E+00	1.1E-02	1.0E-03	3.0E-05	1.6E-01	5.5E-02	2.5E-07	2.5E+01
357	0.28	2.8E-07	2.8E+00	1.1E-02	1.0E-03	3.2E-05	1.6E-01	5.5E-02	2.7E-07	2.6E+01
358	0.30	3.0E-07	3.0E+00	1.1E-02	1.0E-03	3.5E-05	1.6E-01	5.5E-02	3.0E-07	6.8E+01
359	0.32	3.2E-07	3.3E+00	1.1E-02	1.0E-03	3.7E-05	1.6E-01	5.5E-02	3.2E-07	5.2E+01
360	0.36	3.6E-07	3.5E+00	1.1E-02	1.0E-03	4.0E-05	1.6E-01	5.5E-02	3.5E-07	4.1E+01
361	0.38	3.8E-07	3.8E+00	1.1E-02	1.0E-03	4.4E-05	1.6E-01	5.5E-02	3.8E-07	3.3E+01
362	0.41	4.1E-07	4.1E+00	1.1E-02	1.0E-03	4.7E-05	1.6E-01	5.5E-02	4.0E-07	2.8E+01
363	0.44	4.4E-07	4.4E+00	1.1E-02	1.0E-03	5.0E-05	1.6E-01	5.5E-02	4.3E-07	2.3E+01
364	0.47	4.7E-07	4.7E+00	1.1E-02	1.0E-03	5.4E-05	1.6E-01	5.5E-02	4.6E-07	2.0E+01
365	0.50	5.0E-07	5.1E+00	1.1E-02	1.0E-03	5.8E-05	1.6E-01	5.5E-02	5.0E-07	1.7E+01
366	0.54	5.4E-07	5.4E+00	1.1E-02	1.0E-03	6.2E-05	1.6E-01	5.5E-02	5.3E-07	1.5E+01
367	0.56	5.6E-07	5.7E+00	1.1E-02	1.0E-03	6.5E-05	1.6E-01	5.5E-02	5.6E-07	1.3E+01
368	0.59	5.9E-07	6.0E+00	1.1E-02	1.0E-03	6.8E-05	1.6E-01	5.5E-02	5.9E-07	1.1E+01
369	0.61	6.1E-07	6.1E+00	1.1E-02	1.0E-03	7.0E-05	1.6E-01	5.5E-02	6.0E-07	9.9E+00
370	0.61	6.1E-07	6.2E+00	1.1E-02	1.0E-03	7.1E-05	1.6E-01	5.5E-02	6.1E-07	8.8E+00
371	0.61	6.1E-07	6.2E+00	1.1E-02	1.0E-03	7.0E-05	1.6E-01	5.5E-02	6.1E-07	7.8E+00
372	0.60	6.0E-07	6.1E+00	1.1E-02	1.0E-03	7.0E-05	1.6E-01	5.5E-02	6.0E-07	7.0E+00
373	0.59	5.9E-07	6.0E+00	1.1E-02	1.0E-03	6.8E-05	1.6E-01	5.5E-02	5.9E-07	6.3E+00
374	0.57	5.7E-07	5.8E+00	1.1E-02	1.0E-03	6.7E-05	1.6E-01	5.5E-02	5.7E-07	5.7E+00
375	0.56	5.6E-07	5.7E+00	1.1E-02	1.0E-03	6.5E-05	1.6E-01	5.5E-02	5.6E-07	5.2E+00
376	0.54	5.4E-07	5.5E+00	1.1E-02	1.0E-03	6.2E-05	1.6E-01	5.5E-02	5.4E-07	4.7E+00
377	0.19	1.9E-07	1.9E+00	1.1E-02	1.0E-03	2.1E-05	1.6E-01	5.5E-02	1.8E-07	2.5E+01
378	0.20	2.0E-07	2.0E+00	1.1E-02	1.0E-03	2.3E-05	1.6E-01	5.5E-02	2.0E-07	3.6E+01
379	0.22	2.2E-07	2.2E+00	1.1E-02	1.0E-03	2.5E-05	1.6E-01	5.5E-02	2.2E-07	5.3E+01
380	0.24	2.4E-07	2.4E+00	1.1E-02	1.0E-03	2.7E-05	1.6E-01	5.5E-02	2.4E-07	2.8E+01
381	0.26	2.6E-07	2.6E+00	1.1E-02	1.0E-03	3.0E-05	1.6E-01	5.5E-02	2.6E-07	3.4E+01
382	0.69	6.9E-07	7.0E+00	1.1E-02	1.0E-03	7.9E-05	1.6E-01	5.5E-02	6.8E-07	1.3E+01
383	0.71	7.1E-07	7.2E+00	1.1E-02	1.0E-03	8.2E-05	1.6E-01	5.5E-02	7.1E-07	1.1E+01
384	0.72	7.2E-07	7.3E+00	1.1E-02	1.0E-03	8.4E-05	1.6E-01	5.5E-02	7.2E-07	1.0E+01
385	0.72	7.2E-07	7.3E+00	1.1E-02	1.0E-03	8.4E-05	1.6E-01	5.5E-02	7.2E-07	8.8E+00
386	0.71	7.1E-07	7.2E+00	1.1E-02	1.0E-03	8.2E-05	1.6E-01	5.5E-02	7.1E-07	7.8E+00

387	0.69	6.9E-07	7.0E+00	1.1E-02	1.0E-03	8.0E-05	1.6E-01	5.5E-02	6.9E-07	7.0E+00
388	0.67	6.7E-07	6.8E+00	1.1E-02	1.0E-03	7.8E-05	1.6E-01	5.5E-02	6.7E-07	6.3E+00
389	0.65	6.5E-07	6.6E+00	1.1E-02	1.0E-03	7.5E-05	1.6E-01	5.5E-02	6.5E-07	5.6E+00
390	0.62	6.2E-07	6.3E+00	1.1E-02	1.0E-03	7.2E-05	1.6E-01	5.5E-02	6.2E-07	5.1E+00
391	0.60	6.0E-07	6.1E+00	1.1E-02	1.0E-03	6.9E-05	1.6E-01	5.5E-02	6.0E-07	4.6E+00
392	0.20	2.0E-07	2.0E+00	1.1E-02	1.0E-03	2.3E-05	1.6E-01	5.5E-02	2.0E-07	2.9E+01
393	0.22	2.2E-07	2.2E+00	1.1E-02	1.0E-03	2.5E-05	1.6E-01	5.5E-02	2.1E-07	4.2E+01
394	0.24	2.4E-07	2.4E+00	1.1E-02	1.0E-03	2.7E-05	1.6E-01	5.5E-02	2.3E-07	6.4E+01
395	0.26	2.6E-07	2.6E+00	1.1E-02	1.0E-03	3.0E-05	1.6E-01	5.5E-02	2.6E-07	4.2E+01
396	0.29	2.9E-07	2.9E+00	1.1E-02	1.0E-03	3.3E-05	1.6E-01	5.5E-02	2.9E-07	5.7E+01
397	0.85	8.5E-07	8.6E+00	1.1E-02	1.0E-03	9.8E-05	1.6E-01	5.5E-02	8.5E-07	1.3E+01
398	0.87	8.7E-07	8.8E+00	1.1E-02	1.0E-03	1.0E-04	1.6E-01	5.5E-02	8.7E-07	1.1E+01
399	0.87	8.7E-07	8.8E+00	1.1E-02	1.0E-03	1.0E-04	1.6E-01	5.5E-02	8.7E-07	1.0E+01
400	0.85	8.5E-07	8.7E+00	1.1E-02	1.0E-03	9.9E-05	1.6E-01	5.5E-02	8.5E-07	8.8E+00
401	0.83	8.3E-07	8.4E+00	1.1E-02	1.0E-03	9.6E-05	1.6E-01	5.5E-02	8.3E-07	7.7E+00
402	0.80	8.0E-07	8.1E+00	1.1E-02	1.0E-03	9.2E-05	1.6E-01	5.5E-02	8.0E-07	6.9E+00
403	0.76	7.6E-07	7.7E+00	1.1E-02	1.0E-03	8.8E-05	1.6E-01	5.5E-02	7.6E-07	6.1E+00
404	0.73	7.3E-07	7.4E+00	1.1E-02	1.0E-03	8.4E-05	1.6E-01	5.5E-02	7.3E-07	5.5E+00
405	0.69	6.9E-07	7.0E+00	1.1E-02	1.0E-03	8.0E-05	1.6E-01	5.5E-02	6.9E-07	5.0E+00
406	0.66	6.6E-07	6.7E+00	1.1E-02	1.0E-03	7.6E-05	1.6E-01	5.5E-02	6.6E-07	4.5E+00
407	0.21	2.1E-07	2.1E+00	1.1E-02	1.0E-03	2.4E-05	1.6E-01	5.5E-02	2.1E-07	3.1E+01
408	0.23	2.3E-07	2.3E+00	1.1E-02	1.0E-03	2.7E-05	1.6E-01	5.5E-02	2.3E-07	4.5E+01
409	0.26	2.6E-07	2.6E+00	1.1E-02	1.0E-03	2.9E-05	1.6E-01	5.5E-02	2.5E-07	7.1E+01
410	0.29	2.9E-07	2.8E+00	1.1E-02	1.0E-03	3.2E-05	1.6E-01	5.5E-02	2.8E-07	1.7E+01
411	0.31	3.1E-07	3.2E+00	1.1E-02	1.0E-03	3.6E-05	1.6E-01	5.5E-02	3.1E-07	2.0E+01
412	1.07	1.1E-06	1.1E+01	1.1E-02	1.0E-03	1.2E-04	1.6E-01	5.5E-02	1.1E-06	1.3E+01
413	1.08	1.1E-06	1.1E+01	1.1E-02	1.0E-03	1.3E-04	1.6E-01	5.5E-02	1.1E-06	1.1E+01
414	1.06	1.1E-06	1.1E+01	1.1E-02	1.0E-03	1.2E-04	1.6E-01	5.5E-02	1.1E-06	9.8E+00
415	1.02	1.0E-06	1.0E+01	1.1E-02	1.0E-03	1.2E-04	1.6E-01	5.5E-02	1.0E-06	8.6E+00
416	0.97	9.7E-07	9.8E+00	1.1E-02	1.0E-03	1.1E-04	1.6E-01	5.5E-02	9.7E-07	7.6E+00
417	0.92	9.2E-07	9.3E+00	1.1E-02	1.0E-03	1.1E-04	1.6E-01	5.5E-02	9.2E-07	6.7E+00
418	0.87	8.7E-07	8.8E+00	1.1E-02	1.0E-03	1.0E-04	1.6E-01	5.5E-02	8.6E-07	6.0E+00
419	0.81	8.1E-07	8.3E+00	1.1E-02	1.0E-03	9.4E-05	1.6E-01	5.5E-02	8.1E-07	5.4E+00
420	0.77	7.7E-07	7.8E+00	1.1E-02	1.0E-03	8.9E-05	1.6E-01	5.5E-02	7.7E-07	4.9E+00
421	0.72	7.2E-07	7.3E+00	1.1E-02	1.0E-03	8.4E-05	1.6E-01	5.5E-02	7.2E-07	4.4E+00
422	0.23	2.3E-07	2.3E+00	1.1E-02	1.0E-03	2.6E-05	1.6E-01	5.5E-02	2.2E-07	3.2E+01
423	0.25	2.5E-07	2.5E+00	1.1E-02	1.0E-03	2.9E-05	1.6E-01	5.5E-02	2.5E-07	4.7E+01
424	0.28	2.8E-07	2.8E+00	1.1E-02	1.0E-03	3.2E-05	1.6E-01	5.5E-02	2.7E-07	7.5E+01
425	0.31	3.1E-07	3.1E+00	1.1E-02	1.0E-03	3.5E-05	1.6E-01	5.5E-02	3.0E-07	6.2E+01
426	0.35	3.5E-07	3.5E+00	1.1E-02	1.0E-03	4.0E-05	1.6E-01	5.5E-02	3.4E-07	3.4E+01
427	1.39	1.4E-06	1.4E+01	1.1E-02	1.0E-03	1.6E-04	1.6E-01	5.5E-02	1.4E-06	1.3E+01
428	1.35	1.4E-06	1.4E+01	1.1E-02	1.0E-03	1.6E-04	1.6E-01	5.5E-02	1.4E-06	1.1E+01
429	1.29	1.3E-06	1.3E+01	1.1E-02	1.0E-03	1.5E-04	1.6E-01	5.5E-02	1.3E-06	9.5E+00
430	1.21	1.2E-06	1.2E+01	1.1E-02	1.0E-03	1.4E-04	1.6E-01	5.5E-02	1.2E-06	8.3E+00
431	1.13	1.1E-06	1.1E+01	1.1E-02	1.0E-03	1.3E-04	1.6E-01	5.5E-02	1.1E-06	7.3E+00
432	1.05	1.0E-06	1.1E+01	1.1E-02	1.0E-03	1.2E-04	1.6E-01	5.5E-02	1.0E-06	6.5E+00
433	0.98	9.8E-07	9.9E+00	1.1E-02	1.0E-03	1.1E-04	1.6E-01	5.5E-02	9.8E-07	5.8E+00
434	0.91	9.1E-07	9.2E+00	1.1E-02	1.0E-03	1.1E-04	1.6E-01	5.5E-02	9.1E-07	5.2E+00
435	0.84	8.4E-07	8.6E+00	1.1E-02	1.0E-03	9.8E-05	1.6E-01	5.5E-02	8.4E-07	4.7E+00

436	0.79	7.9E-07	8.0E+00	1.1E-02	1.0E-03	9.1E-05	1.6E-01	5.5E-02	7.9E-07	4.3E+00
437	0.24	2.4E-07	2.4E+00	1.1E-02	1.0E-03	2.8E-05	1.6E-01	5.5E-02	2.4E-07	3.2E+01
438	0.27	2.7E-07	2.7E+00	1.1E-02	1.0E-03	3.1E-05	1.6E-01	5.5E-02	2.6E-07	4.7E+01
439	0.30	3.0E-07	3.0E+00	1.1E-02	1.0E-03	3.4E-05	1.6E-01	5.5E-02	2.9E-07	7.4E+01
440	0.33	3.3E-07	3.3E+00	1.1E-02	1.0E-03	3.8E-05	1.6E-01	5.5E-02	3.3E-07	6.2E+01
441	0.38	3.8E-07	3.8E+00	1.1E-02	1.0E-03	4.4E-05	1.6E-01	5.5E-02	3.8E-07	3.0E+01
442	1.84	1.8E-06	1.9E+01	1.1E-02	1.0E-03	2.1E-04	1.6E-01	5.5E-02	1.8E-06	1.2E+01
443	1.71	1.7E-06	1.7E+01	1.1E-02	1.0E-03	2.0E-04	1.6E-01	5.5E-02	1.7E-06	1.1E+01
444	1.56	1.6E-06	1.6E+01	1.1E-02	1.0E-03	1.8E-04	1.6E-01	5.5E-02	1.6E-06	9.1E+00
445	1.42	1.4E-06	1.4E+01	1.1E-02	1.0E-03	1.7E-04	1.6E-01	5.5E-02	1.4E-06	8.0E+00
446	1.30	1.3E-06	1.3E+01	1.1E-02	1.0E-03	1.5E-04	1.6E-01	5.5E-02	1.3E-06	7.0E+00
447	1.19	1.2E-06	1.2E+01	1.1E-02	1.0E-03	1.4E-04	1.6E-01	5.5E-02	1.2E-06	6.2E+00
448	1.09	1.1E-06	1.1E+01	1.1E-02	1.0E-03	1.3E-04	1.6E-01	5.5E-02	1.1E-06	5.6E+00
449	1.01	1.0E-06	1.0E+01	1.1E-02	1.0E-03	1.2E-04	1.6E-01	5.5E-02	1.0E-06	5.0E+00
450	0.93	9.3E-07	9.4E+00	1.1E-02	1.0E-03	1.1E-04	1.6E-01	5.5E-02	9.2E-07	4.5E+00
451	0.86	8.6E-07	8.7E+00	1.1E-02	1.0E-03	9.9E-05	1.6E-01	5.5E-02	8.5E-07	4.1E+00
452	0.25	2.5E-07	2.5E+00	1.1E-02	1.0E-03	2.9E-05	1.6E-01	5.5E-02	2.5E-07	3.0E+01
453	0.28	2.8E-07	2.8E+00	1.1E-02	1.0E-03	3.3E-05	1.6E-01	5.5E-02	2.8E-07	4.5E+01
454	0.32	3.2E-07	3.2E+00	1.1E-02	1.0E-03	3.7E-05	1.6E-01	5.5E-02	3.2E-07	7.0E+01
455	0.36	3.6E-07	3.6E+00	1.1E-02	1.0E-03	4.2E-05	1.6E-01	5.5E-02	3.6E-07	1.5E+01
456	0.42	4.2E-07	4.2E+00	1.1E-02	1.0E-03	4.8E-05	1.6E-01	5.5E-02	4.1E-07	1.8E+01
457	2.42	2.4E-06	2.5E+01	1.1E-02	1.0E-03	2.8E-04	1.6E-01	5.5E-02	2.4E-06	1.2E+01
458	2.13	2.1E-06	2.2E+01	1.1E-02	1.0E-03	2.5E-04	1.6E-01	5.5E-02	2.1E-06	1.0E+01
459	1.87	1.9E-06	1.9E+01	1.1E-02	1.0E-03	2.2E-04	1.6E-01	5.5E-02	1.9E-06	8.7E+00
460	1.66	1.7E-06	1.7E+01	1.1E-02	1.0E-03	1.9E-04	1.6E-01	5.5E-02	1.7E-06	7.6E+00
461	1.48	1.5E-06	1.5E+01	1.1E-02	1.0E-03	1.7E-04	1.6E-01	5.5E-02	1.5E-06	6.7E+00
462	1.34	1.3E-06	1.4E+01	1.1E-02	1.0E-03	1.6E-04	1.6E-01	5.5E-02	1.3E-06	6.0E+00
463	1.22	1.2E-06	1.2E+01	1.1E-02	1.0E-03	1.4E-04	1.6E-01	5.5E-02	1.2E-06	5.3E+00
464	1.11	1.1E-06	1.1E+01	1.1E-02	1.0E-03	1.3E-04	1.6E-01	5.5E-02	1.1E-06	4.8E+00
465	1.01	1.0E-06	1.0E+01	1.1E-02	1.0E-03	1.2E-04	1.6E-01	5.5E-02	1.0E-06	4.3E+00
466	0.92	9.2E-07	9.4E+00	1.1E-02	1.0E-03	1.1E-04	1.6E-01	5.5E-02	9.2E-07	3.9E+00
467	0.27	2.7E-07	2.7E+00	1.1E-02	1.0E-03	3.1E-05	1.6E-01	5.5E-02	2.6E-07	2.8E+01
468	0.30	3.0E-07	3.0E+00	1.1E-02	1.0E-03	3.4E-05	1.6E-01	5.5E-02	3.0E-07	4.0E+01
469	0.34	3.4E-07	3.4E+00	1.1E-02	1.0E-03	3.9E-05	1.6E-01	5.5E-02	3.4E-07	6.1E+01
470	0.39	3.9E-07	3.9E+00	1.1E-02	1.0E-03	4.5E-05	1.6E-01	5.5E-02	3.9E-07	3.9E+01
471	0.45	4.5E-07	4.6E+00	1.1E-02	1.0E-03	5.2E-05	1.6E-01	5.5E-02	4.5E-07	5.0E+01
472	3.10	3.1E-06	3.1E+01	1.1E-02	1.0E-03	3.6E-04	1.6E-01	5.5E-02	3.1E-06	1.1E+01
473	2.58	2.6E-06	2.6E+01	1.1E-02	1.0E-03	3.0E-04	1.6E-01	5.5E-02	2.6E-06	9.3E+00
474	2.19	2.2E-06	2.2E+01	1.1E-02	1.0E-03	2.5E-04	1.6E-01	5.5E-02	2.2E-06	8.2E+00
475	1.90	1.9E-06	1.9E+01	1.1E-02	1.0E-03	2.2E-04	1.6E-01	5.5E-02	1.9E-06	7.2E+00
476	1.67	1.7E-06	1.7E+01	1.1E-02	1.0E-03	1.9E-04	1.6E-01	5.5E-02	1.7E-06	6.3E+00
477	1.49	1.5E-06	1.5E+01	1.1E-02	1.0E-03	1.7E-04	1.6E-01	5.5E-02	1.5E-06	5.7E+00
478	1.34	1.3E-06	1.4E+01	1.1E-02	1.0E-03	1.6E-04	1.6E-01	5.5E-02	1.3E-06	5.1E+00
479	1.21	1.2E-06	1.2E+01	1.1E-02	1.0E-03	1.4E-04	1.6E-01	5.5E-02	1.2E-06	4.6E+00
480	1.10	1.1E-06	1.1E+01	1.1E-02	1.0E-03	1.3E-04	1.6E-01	5.5E-02	1.1E-06	4.1E+00
481	0.99	9.9E-07	1.0E+01	1.1E-02	1.0E-03	1.2E-04	1.6E-01	5.5E-02	9.9E-07	3.7E+00
482	0.28	2.8E-07	2.8E+00	1.1E-02	1.0E-03	3.2E-05	1.6E-01	5.5E-02	2.8E-07	2.4E+01
483	0.31	3.1E-07	3.2E+00	1.1E-02	1.0E-03	3.6E-05	1.6E-01	5.5E-02	3.1E-07	3.4E+01
484	0.36	3.6E-07	3.6E+00	1.1E-02	1.0E-03	4.1E-05	1.6E-01	5.5E-02	3.6E-07	5.0E+01

485	0.42	4.2E-07	4.2E+00	1.1E-02	1.0E-03	4.8E-05	1.6E-01	5.5E-02	4.1E-07	2.6E+01
486	0.49	4.9E-07	5.0E+00	1.1E-02	1.0E-03	5.7E-05	1.6E-01	5.5E-02	4.9E-07	3.1E+01
487	3.71	3.7E-06	3.8E+01	1.1E-02	1.0E-03	4.3E-04	1.6E-01	5.5E-02	3.7E-06	9.9E+00
488	2.99	3.0E-06	3.0E+01	1.1E-02	1.0E-03	3.5E-04	1.6E-01	5.5E-02	3.0E-06	8.7E+00
489	2.49	2.5E-06	2.5E+01	1.1E-02	1.0E-03	2.9E-04	1.6E-01	5.5E-02	2.5E-06	7.6E+00
490	2.13	2.1E-06	2.2E+01	1.1E-02	1.0E-03	2.5E-04	1.6E-01	5.5E-02	2.1E-06	6.7E+00
491	1.86	1.9E-06	1.9E+01	1.1E-02	1.0E-03	2.2E-04	1.6E-01	5.5E-02	1.9E-06	6.0E+00
492	1.65	1.6E-06	1.7E+01	1.1E-02	1.0E-03	1.9E-04	1.6E-01	5.5E-02	1.6E-06	5.3E+00
493	1.46	1.5E-06	1.5E+01	1.1E-02	1.0E-03	1.7E-04	1.6E-01	5.5E-02	1.5E-06	4.8E+00
494	1.31	1.3E-06	1.3E+01	1.1E-02	1.0E-03	1.5E-04	1.6E-01	5.5E-02	1.3E-06	4.3E+00
495	1.18	1.2E-06	1.2E+01	1.1E-02	1.0E-03	1.4E-04	1.6E-01	5.5E-02	1.2E-06	3.9E+00
496	1.06	1.1E-06	1.1E+01	1.1E-02	1.0E-03	1.2E-04	1.6E-01	5.5E-02	1.1E-06	3.6E+00
497	0.29	2.9E-07	2.9E+00	1.1E-02	1.0E-03	3.3E-05	1.6E-01	5.5E-02	2.9E-07	2.0E+01
498	0.33	3.3E-07	3.3E+00	1.1E-02	1.0E-03	3.8E-05	1.6E-01	5.5E-02	3.3E-07	2.7E+01
499	0.38	3.8E-07	3.8E+00	1.1E-02	1.0E-03	4.4E-05	1.6E-01	5.5E-02	3.8E-07	3.8E+01
500	0.44	4.4E-07	4.5E+00	1.1E-02	1.0E-03	5.1E-05	1.6E-01	5.5E-02	4.4E-07	5.3E+01
501	0.53	5.3E-07	5.4E+00	1.1E-02	1.0E-03	6.1E-05	1.6E-01	5.5E-02	5.3E-07	2.0E+01
502	4.18	4.2E-06	4.2E+01	1.1E-02	1.0E-03	4.8E-04	1.6E-01	5.5E-02	4.2E-06	9.1E+00
503	3.34	3.3E-06	3.4E+01	1.1E-02	1.0E-03	3.9E-04	1.6E-01	5.5E-02	3.3E-06	8.0E+00
504	2.77	2.8E-06	2.8E+01	1.1E-02	1.0E-03	3.2E-04	1.6E-01	5.5E-02	2.8E-06	7.1E+00
505	2.36	2.4E-06	2.4E+01	1.1E-02	1.0E-03	2.7E-04	1.6E-01	5.5E-02	2.4E-06	6.3E+00
506	2.05	2.0E-06	2.1E+01	1.1E-02	1.0E-03	2.4E-04	1.6E-01	5.5E-02	2.0E-06	5.6E+00
507	1.79	1.8E-06	1.8E+01	1.1E-02	1.0E-03	2.1E-04	1.6E-01	5.5E-02	1.8E-06	5.0E+00
508	1.58	1.6E-06	1.6E+01	1.1E-02	1.0E-03	1.8E-04	1.6E-01	5.5E-02	1.6E-06	4.5E+00
509	1.40	1.4E-06	1.4E+01	1.1E-02	1.0E-03	1.6E-04	1.6E-01	5.5E-02	1.4E-06	4.1E+00
510	1.25	1.3E-06	1.3E+01	1.1E-02	1.0E-03	1.5E-04	1.6E-01	5.5E-02	1.3E-06	3.7E+00
511	1.12	1.1E-06	1.1E+01	1.1E-02	1.0E-03	1.3E-04	1.6E-01	5.5E-02	1.1E-06	3.4E+00
512	0.30	3.0E-07	3.0E+00	1.1E-02	1.0E-03	3.5E-05	1.6E-01	5.5E-02	3.0E-07	1.7E+01
513	0.34	3.4E-07	3.5E+00	1.1E-02	1.0E-03	4.0E-05	1.6E-01	5.5E-02	3.4E-07	2.2E+01
514	0.40	4.0E-07	4.0E+00	1.1E-02	1.0E-03	4.6E-05	1.6E-01	5.5E-02	3.9E-07	2.8E+01
515	0.47	4.7E-07	4.7E+00	1.1E-02	1.0E-03	5.4E-05	1.6E-01	5.5E-02	4.7E-07	3.6E+01
516	0.56	5.6E-07	5.7E+00	1.1E-02	1.0E-03	6.5E-05	1.6E-01	5.5E-02	5.6E-07	4.3E+01
517	4.54	4.5E-06	4.6E+01	1.1E-02	1.0E-03	5.3E-04	1.6E-01	5.5E-02	4.5E-06	8.3E+00
518	3.68	3.7E-06	3.7E+01	1.1E-02	1.0E-03	4.3E-04	1.6E-01	5.5E-02	3.7E-06	7.4E+00
519	3.05	3.1E-06	3.1E+01	1.1E-02	1.0E-03	3.5E-04	1.6E-01	5.5E-02	3.1E-06	6.5E+00
520	2.59	2.6E-06	2.6E+01	1.1E-02	1.0E-03	3.0E-04	1.6E-01	5.5E-02	2.6E-06	5.8E+00
521	2.23	2.2E-06	2.3E+01	1.1E-02	1.0E-03	2.6E-04	1.6E-01	5.5E-02	2.2E-06	5.2E+00
522	1.95	1.9E-06	2.0E+01	1.1E-02	1.0E-03	2.3E-04	1.6E-01	5.5E-02	1.9E-06	4.7E+00
523	1.70	1.7E-06	1.7E+01	1.1E-02	1.0E-03	2.0E-04	1.6E-01	5.5E-02	1.7E-06	4.3E+00
524	1.50	1.5E-06	1.5E+01	1.1E-02	1.0E-03	1.7E-04	1.6E-01	5.5E-02	1.5E-06	3.9E+00
525	1.32	1.3E-06	1.3E+01	1.1E-02	1.0E-03	1.5E-04	1.6E-01	5.5E-02	1.3E-06	3.5E+00
526	1.16	1.2E-06	1.2E+01	1.1E-02	1.0E-03	1.4E-04	1.6E-01	5.5E-02	1.2E-06	3.2E+00
527	0.31	3.1E-07	3.1E+00	1.1E-02	1.0E-03	3.6E-05	1.6E-01	5.5E-02	3.1E-07	1.4E+01
528	0.35	3.5E-07	3.6E+00	1.1E-02	1.0E-03	4.1E-05	1.6E-01	5.5E-02	3.5E-07	1.7E+01
529	0.41	4.1E-07	4.2E+00	1.1E-02	1.0E-03	4.8E-05	1.6E-01	5.5E-02	4.1E-07	2.1E+01
530	0.49	4.9E-07	5.0E+00	1.1E-02	1.0E-03	5.7E-05	1.6E-01	5.5E-02	4.9E-07	2.5E+01
531	0.59	5.9E-07	6.0E+00	1.1E-02	1.0E-03	6.9E-05	1.6E-01	5.5E-02	5.9E-07	2.8E+01
532	4.92	4.9E-06	5.0E+01	1.1E-02	1.0E-03	5.7E-04	1.6E-01	5.5E-02	4.9E-06	7.6E+00
533	4.03	4.0E-06	4.1E+01	1.1E-02	1.0E-03	4.7E-04	1.6E-01	5.5E-02	4.0E-06	6.8E+00

534	3.32	3.3E-06	3.4E+01	1.1E-02	1.0E-03	3.9E-04	1.6E-01	5.5E-02	3.3E-06	6.0E+00
535	2.78	2.8E-06	2.8E+01	1.1E-02	1.0E-03	3.2E-04	1.6E-01	5.5E-02	2.8E-06	5.4E+00
536	2.38	2.4E-06	2.4E+01	1.1E-02	1.0E-03	2.8E-04	1.6E-01	5.5E-02	2.4E-06	4.9E+00
537	2.06	2.1E-06	2.1E+01	1.1E-02	1.0E-03	2.4E-04	1.6E-01	5.5E-02	2.1E-06	4.4E+00
538	1.79	1.8E-06	1.8E+01	1.1E-02	1.0E-03	2.1E-04	1.6E-01	5.5E-02	1.8E-06	4.0E+00
539	1.57	1.6E-06	1.6E+01	1.1E-02	1.0E-03	1.8E-04	1.6E-01	5.5E-02	1.6E-06	3.7E+00
540	1.37	1.4E-06	1.4E+01	1.1E-02	1.0E-03	1.6E-04	1.6E-01	5.5E-02	1.4E-06	3.3E+00
541	1.19	1.2E-06	1.2E+01	1.1E-02	1.0E-03	1.4E-04	1.6E-01	5.5E-02	1.2E-06	3.0E+00
542	0.31	3.1E-07	3.2E+00	1.1E-02	1.0E-03	3.6E-05	1.6E-01	5.5E-02	3.1E-07	1.2E+01
543	0.36	3.6E-07	3.7E+00	1.1E-02	1.0E-03	4.2E-05	1.6E-01	5.5E-02	3.6E-07	1.4E+01
544	0.43	4.3E-07	4.3E+00	1.1E-02	1.0E-03	4.9E-05	1.6E-01	5.5E-02	4.2E-07	1.6E+01
545	0.51	5.1E-07	5.1E+00	1.1E-02	1.0E-03	5.9E-05	1.6E-01	5.5E-02	5.1E-07	1.8E+01
546	0.62	6.2E-07	6.3E+00	1.1E-02	1.0E-03	7.2E-05	1.6E-01	5.5E-02	6.2E-07	2.0E+01
547	5.49	5.5E-06	5.6E+01	1.1E-02	1.0E-03	6.4E-04	1.6E-01	5.5E-02	5.5E-06	6.9E+00
548	4.43	4.4E-06	4.5E+01	1.1E-02	1.0E-03	5.1E-04	1.6E-01	5.5E-02	4.4E-06	6.2E+00
549	3.63	3.6E-06	3.7E+01	1.1E-02	1.0E-03	4.2E-04	1.6E-01	5.5E-02	3.6E-06	5.5E+00
550	3.01	3.0E-06	3.1E+01	1.1E-02	1.0E-03	3.5E-04	1.6E-01	5.5E-02	3.0E-06	5.0E+00
551	2.47	2.5E-06	2.5E+01	1.1E-02	1.0E-03	2.9E-04	1.6E-01	5.5E-02	2.5E-06	4.5E+00
552	2.10	2.1E-06	2.1E+01	1.1E-02	1.0E-03	2.4E-04	1.6E-01	5.5E-02	2.1E-06	4.0E+00
553	1.82	1.8E-06	1.9E+01	1.1E-02	1.0E-03	2.1E-04	1.6E-01	5.5E-02	1.8E-06	3.7E+00
554	1.58	1.6E-06	1.6E+01	1.1E-02	1.0E-03	1.8E-04	1.6E-01	5.5E-02	1.6E-06	3.4E+00
555	1.38	1.4E-06	1.4E+01	1.1E-02	1.0E-03	1.6E-04	1.6E-01	5.5E-02	1.4E-06	3.1E+00
556	1.19	1.2E-06	1.2E+01	1.1E-02	1.0E-03	1.4E-04	1.6E-01	5.5E-02	1.2E-06	2.9E+00
557	0.32	3.2E-07	3.2E+00	1.1E-02	1.0E-03	3.7E-05	1.6E-01	5.5E-02	3.2E-07	9.6E+00
558	0.37	3.7E-07	3.7E+00	1.1E-02	1.0E-03	4.3E-05	1.6E-01	5.5E-02	3.7E-07	1.1E+01
559	0.43	4.3E-07	4.4E+00	1.1E-02	1.0E-03	5.0E-05	1.6E-01	5.5E-02	4.3E-07	1.3E+01
560	0.52	5.2E-07	5.3E+00	1.1E-02	1.0E-03	6.0E-05	1.6E-01	5.5E-02	5.2E-07	1.4E+01
561	0.63	6.3E-07	6.4E+00	1.1E-02	1.0E-03	7.3E-05	1.6E-01	5.5E-02	6.3E-07	1.5E+01
562	5.03	5.0E-06	5.1E+01	1.1E-02	1.0E-03	5.8E-04	1.6E-01	5.5E-02	5.0E-06	5.7E+00
563	4.07	4.1E-06	4.1E+01	1.1E-02	1.0E-03	4.7E-04	1.6E-01	5.5E-02	4.1E-06	5.1E+00
564	3.28	3.3E-06	3.3E+01	1.1E-02	1.0E-03	3.8E-04	1.6E-01	5.5E-02	3.3E-06	4.6E+00
565	2.49	2.5E-06	2.5E+01	1.1E-02	1.0E-03	2.9E-04	1.6E-01	5.5E-02	2.5E-06	4.1E+00
566	2.08	2.1E-06	2.1E+01	1.1E-02	1.0E-03	2.4E-04	1.6E-01	5.5E-02	2.1E-06	3.7E+00
567	1.77	1.8E-06	1.8E+01	1.1E-02	1.0E-03	2.1E-04	1.6E-01	5.5E-02	1.8E-06	3.4E+00
568	1.52	1.5E-06	1.5E+01	1.1E-02	1.0E-03	1.8E-04	1.6E-01	5.5E-02	1.5E-06	3.1E+00
569	1.31	1.3E-06	1.3E+01	1.1E-02	1.0E-03	1.5E-04	1.6E-01	5.5E-02	1.3E-06	2.9E+00
570	1.15	1.2E-06	1.2E+01	1.1E-02	1.0E-03	1.3E-04	1.6E-01	5.5E-02	1.2E-06	2.7E+00
571	0.32	3.2E-07	3.3E+00	1.1E-02	1.0E-03	3.7E-05	1.6E-01	5.5E-02	3.2E-07	8.2E+00
572	0.37	3.7E-07	3.8E+00	1.1E-02	1.0E-03	4.3E-05	1.6E-01	5.5E-02	3.7E-07	9.3E+00
573	0.44	4.4E-07	4.4E+00	1.1E-02	1.0E-03	5.1E-05	1.6E-01	5.5E-02	4.4E-07	1.0E+01
574	0.53	5.3E-07	5.4E+00	1.1E-02	1.0E-03	6.1E-05	1.6E-01	5.5E-02	5.3E-07	1.1E+01
575	0.64	6.4E-07	6.5E+00	1.1E-02	1.0E-03	7.4E-05	1.6E-01	5.5E-02	6.4E-07	1.2E+01
576	4.66	4.7E-06	4.7E+01	1.1E-02	1.0E-03	5.4E-04	1.6E-01	5.5E-02	4.7E-06	4.8E+00
577	3.71	3.7E-06	3.8E+01	1.1E-02	1.0E-03	4.3E-04	1.6E-01	5.5E-02	3.7E-06	4.3E+00
578	2.87	2.9E-06	2.9E+01	1.1E-02	1.0E-03	3.3E-04	1.6E-01	5.5E-02	2.9E-06	3.9E+00
579	2.35	2.3E-06	2.4E+01	1.1E-02	1.0E-03	2.7E-04	1.6E-01	5.5E-02	2.3E-06	3.6E+00
580	1.93	1.9E-06	2.0E+01	1.1E-02	1.0E-03	2.2E-04	1.6E-01	5.5E-02	1.9E-06	3.3E+00
581	1.58	1.6E-06	1.6E+01	1.1E-02	1.0E-03	1.8E-04	1.6E-01	5.5E-02	1.6E-06	3.0E+00
582	1.33	1.3E-06	1.3E+01	1.1E-02	1.0E-03	1.5E-04	1.6E-01	5.5E-02	1.3E-06	2.7E+00

583	1.12	1.1E-06	1.1E+01	1.1E-02	1.0E-03	1.3E-04	1.6E-01	5.5E-02	1.1E-06	2.5E+00
584	0.32	3.2E-07	3.3E+00	1.1E-02	1.0E-03	3.7E-05	1.6E-01	5.5E-02	3.2E-07	7.0E+00
585	0.37	3.7E-07	3.8E+00	1.1E-02	1.0E-03	4.3E-05	1.6E-01	5.5E-02	3.7E-07	7.8E+00
586	0.44	4.4E-07	4.5E+00	1.1E-02	1.0E-03	5.1E-05	1.6E-01	5.5E-02	4.4E-07	8.5E+00
587	0.53	5.3E-07	5.4E+00	1.1E-02	1.0E-03	6.1E-05	1.6E-01	5.5E-02	5.3E-07	9.1E+00
588	0.64	6.4E-07	6.5E+00	1.1E-02	1.0E-03	7.5E-05	1.6E-01	5.5E-02	6.4E-07	9.7E+00
589	4.38	4.4E-06	4.4E+01	1.1E-02	1.0E-03	5.1E-04	1.6E-01	5.5E-02	4.4E-06	4.1E+00
590	3.47	3.5E-06	3.5E+01	1.1E-02	1.0E-03	4.0E-04	1.6E-01	5.5E-02	3.5E-06	3.8E+00
591	2.75	2.7E-06	2.8E+01	1.1E-02	1.0E-03	3.2E-04	1.6E-01	5.5E-02	2.7E-06	3.5E+00
592	2.15	2.1E-06	2.2E+01	1.1E-02	1.0E-03	2.5E-04	1.6E-01	5.5E-02	2.1E-06	3.2E+00
593	1.74	1.7E-06	1.8E+01	1.1E-02	1.0E-03	2.0E-04	1.6E-01	5.5E-02	1.7E-06	2.9E+00
594	1.41	1.4E-06	1.4E+01	1.1E-02	1.0E-03	1.6E-04	1.6E-01	5.5E-02	1.4E-06	2.7E+00
595	1.15	1.2E-06	1.2E+01	1.1E-02	1.0E-03	1.3E-04	1.6E-01	5.5E-02	1.2E-06	2.4E+00
596	0.32	3.2E-07	3.2E+00	1.1E-02	1.0E-03	3.7E-05	1.6E-01	5.5E-02	3.2E-07	6.0E+00
597	0.37	3.7E-07	3.8E+00	1.1E-02	1.0E-03	4.3E-05	1.6E-01	5.5E-02	3.7E-07	6.6E+00
598	0.44	4.4E-07	4.4E+00	1.1E-02	1.0E-03	5.0E-05	1.6E-01	5.5E-02	4.3E-07	7.1E+00
599	0.52	5.2E-07	5.3E+00	1.1E-02	1.0E-03	6.0E-05	1.6E-01	5.5E-02	5.2E-07	7.6E+00
600	0.63	6.3E-07	6.4E+00	1.1E-02	1.0E-03	7.3E-05	1.6E-01	5.5E-02	6.3E-07	8.0E+00
601	3.71	3.7E-06	3.8E+01	1.1E-02	1.0E-03	4.3E-04	1.6E-01	5.5E-02	3.7E-06	3.5E+00
602	2.83	2.8E-06	2.9E+01	1.1E-02	1.0E-03	3.3E-04	1.6E-01	5.5E-02	2.8E-06	3.3E+00
603	2.19	2.2E-06	2.2E+01	1.1E-02	1.0E-03	2.5E-04	1.6E-01	5.5E-02	2.2E-06	3.0E+00
604	1.76	1.8E-06	1.8E+01	1.1E-02	1.0E-03	2.0E-04	1.6E-01	5.5E-02	1.8E-06	2.8E+00
605	1.43	1.4E-06	1.5E+01	1.1E-02	1.0E-03	1.7E-04	1.6E-01	5.5E-02	1.4E-06	2.6E+00
606	1.16	1.2E-06	1.2E+01	1.1E-02	1.0E-03	1.4E-04	1.6E-01	5.5E-02	1.2E-06	2.4E+00
607	0.31	3.1E-07	3.2E+00	1.1E-02	1.0E-03	3.6E-05	1.6E-01	5.5E-02	3.1E-07	5.2E+00
608	0.36	3.6E-07	3.7E+00	1.1E-02	1.0E-03	4.2E-05	1.6E-01	5.5E-02	3.6E-07	5.7E+00
609	0.43	4.3E-07	4.3E+00	1.1E-02	1.0E-03	5.0E-05	1.6E-01	5.5E-02	4.3E-07	6.1E+00
610	0.51	5.1E-07	5.2E+00	1.1E-02	1.0E-03	5.9E-05	1.6E-01	5.5E-02	5.1E-07	6.5E+00
611	0.61	6.1E-07	6.2E+00	1.1E-02	1.0E-03	7.1E-05	1.6E-01	5.5E-02	6.1E-07	6.8E+00
612	3.77	3.8E-06	3.8E+01	1.1E-02	1.0E-03	4.4E-04	1.6E-01	5.5E-02	3.8E-06	3.3E+00
613	2.80	2.8E-06	2.8E+01	1.1E-02	1.0E-03	3.3E-04	1.6E-01	5.5E-02	2.8E-06	3.1E+00
614	2.14	2.1E-06	2.2E+01	1.1E-02	1.0E-03	2.5E-04	1.6E-01	5.5E-02	2.1E-06	2.9E+00
615	1.70	1.7E-06	1.7E+01	1.1E-02	1.0E-03	2.0E-04	1.6E-01	5.5E-02	1.7E-06	2.7E+00
616	1.38	1.4E-06	1.4E+01	1.1E-02	1.0E-03	1.6E-04	1.6E-01	5.5E-02	1.4E-06	2.5E+00
617	1.12	1.1E-06	1.1E+01	1.1E-02	1.0E-03	1.3E-04	1.6E-01	5.5E-02	1.1E-06	2.3E+00
618	0.31	3.1E-07	3.1E+00	1.1E-02	1.0E-03	3.6E-05	1.6E-01	5.5E-02	3.1E-07	4.6E+00
619	0.35	3.5E-07	3.6E+00	1.1E-02	1.0E-03	4.1E-05	1.6E-01	5.5E-02	3.5E-07	4.9E+00
620	0.42	4.2E-07	4.2E+00	1.1E-02	1.0E-03	4.8E-05	1.6E-01	5.5E-02	4.1E-07	5.3E+00
621	0.49	4.9E-07	5.0E+00	1.1E-02	1.0E-03	5.7E-05	1.6E-01	5.5E-02	4.9E-07	5.6E+00
622	0.59	5.9E-07	6.0E+00	1.1E-02	1.0E-03	6.8E-05	1.6E-01	5.5E-02	5.9E-07	5.8E+00
623	3.55	3.5E-06	3.6E+01	1.1E-02	1.0E-03	4.1E-04	1.6E-01	5.5E-02	3.5E-06	3.1E+00
624	2.60	2.6E-06	2.6E+01	1.1E-02	1.0E-03	3.0E-04	1.6E-01	5.5E-02	2.6E-06	2.9E+00
625	1.99	2.0E-06	2.0E+01	1.1E-02	1.0E-03	2.3E-04	1.6E-01	5.5E-02	2.0E-06	2.7E+00
626	1.59	1.6E-06	1.6E+01	1.1E-02	1.0E-03	1.8E-04	1.6E-01	5.5E-02	1.6E-06	2.5E+00
627	1.30	1.3E-06	1.3E+01	1.1E-02	1.0E-03	1.5E-04	1.6E-01	5.5E-02	1.3E-06	2.4E+00
628	1.07	1.1E-06	1.1E+01	1.1E-02	1.0E-03	1.2E-04	1.6E-01	5.5E-02	1.1E-06	2.2E+00
629	0.30	3.0E-07	3.0E+00	1.1E-02	1.0E-03	3.4E-05	1.6E-01	5.5E-02	3.0E-07	4.1E+00
630	0.34	3.4E-07	3.5E+00	1.1E-02	1.0E-03	4.0E-05	1.6E-01	5.5E-02	3.4E-07	4.3E+00
631	0.40	4.0E-07	4.0E+00	1.1E-02	1.0E-03	4.6E-05	1.6E-01	5.5E-02	4.0E-07	4.6E+00

632	0.47	4.7E-07	4.7E+00	1.1E-02	1.0E-03	5.4E-05	1.6E-01	5.5E-02	4.7E-07	4.8E+00
633	0.56	5.6E-07	5.7E+00	1.1E-02	1.0E-03	6.5E-05	1.6E-01	5.5E-02	5.6E-07	5.0E+00
634	3.05	3.1E-06	3.1E+01	1.1E-02	1.0E-03	3.5E-04	1.6E-01	5.5E-02	3.1E-06	3.0E+00
635	2.29	2.3E-06	2.3E+01	1.1E-02	1.0E-03	2.7E-04	1.6E-01	5.5E-02	2.3E-06	2.8E+00
636	1.79	1.8E-06	1.8E+01	1.1E-02	1.0E-03	2.1E-04	1.6E-01	5.5E-02	1.8E-06	2.6E+00
637	1.45	1.4E-06	1.5E+01	1.1E-02	1.0E-03	1.7E-04	1.6E-01	5.5E-02	1.4E-06	2.4E+00
638	1.20	1.2E-06	1.2E+01	1.1E-02	1.0E-03	1.4E-04	1.6E-01	5.5E-02	1.2E-06	2.3E+00
639	1.01	1.0E-06	1.0E+01	1.1E-02	1.0E-03	1.2E-04	1.6E-01	5.5E-02	1.0E-06	2.1E+00
640	0.29	2.9E-07	2.9E+00	1.1E-02	1.0E-03	3.3E-05	1.6E-01	5.5E-02	2.9E-07	3.6E+00
641	0.33	3.3E-07	3.3E+00	1.1E-02	1.0E-03	3.8E-05	1.6E-01	5.5E-02	3.3E-07	3.8E+00
642	0.38	3.8E-07	3.9E+00	1.1E-02	1.0E-03	4.4E-05	1.6E-01	5.5E-02	3.8E-07	4.1E+00
643	0.45	4.5E-07	4.5E+00	1.1E-02	1.0E-03	5.2E-05	1.6E-01	5.5E-02	4.4E-07	4.3E+00
644	0.53	5.3E-07	5.4E+00	1.1E-02	1.0E-03	6.1E-05	1.6E-01	5.5E-02	5.3E-07	4.4E+00
645	2.45	2.5E-06	2.5E+01	1.1E-02	1.0E-03	2.8E-04	1.6E-01	5.5E-02	2.5E-06	2.8E+00
646	1.94	1.9E-06	2.0E+01	1.1E-02	1.0E-03	2.3E-04	1.6E-01	5.5E-02	1.9E-06	2.6E+00
647	1.57	1.6E-06	1.6E+01	1.1E-02	1.0E-03	1.8E-04	1.6E-01	5.5E-02	1.6E-06	2.5E+00
648	1.30	1.3E-06	1.3E+01	1.1E-02	1.0E-03	1.5E-04	1.6E-01	5.5E-02	1.3E-06	2.3E+00
649	1.09	1.1E-06	1.1E+01	1.1E-02	1.0E-03	1.3E-04	1.6E-01	5.5E-02	1.1E-06	2.2E+00
650	0.92	9.2E-07	9.4E+00	1.1E-02	1.0E-03	1.1E-04	1.6E-01	5.5E-02	9.2E-07	2.0E+00
651	0.28	2.8E-07	2.8E+00	1.1E-02	1.0E-03	3.2E-05	1.6E-01	5.5E-02	2.8E-07	3.2E+00
652	0.31	3.1E-07	3.2E+00	1.1E-02	1.0E-03	3.7E-05	1.6E-01	5.5E-02	3.1E-07	3.4E+00
653	0.36	3.6E-07	3.7E+00	1.1E-02	1.0E-03	4.2E-05	1.6E-01	5.5E-02	3.6E-07	3.6E+00
654	0.42	4.2E-07	4.3E+00	1.1E-02	1.0E-03	4.9E-05	1.6E-01	5.5E-02	4.2E-07	3.8E+00
655	0.50	5.0E-07	5.1E+00	1.1E-02	1.0E-03	5.8E-05	1.6E-01	5.5E-02	5.0E-07	3.9E+00
656	0.59	5.9E-07	6.0E+00	1.1E-02	1.0E-03	6.9E-05	1.6E-01	5.5E-02	5.9E-07	4.0E+00
657	0.72	7.2E-07	7.3E+00	1.1E-02	1.0E-03	8.4E-05	1.6E-01	5.5E-02	7.2E-07	4.1E+00
658	0.90	9.0E-07	9.1E+00	1.1E-02	1.0E-03	1.0E-04	1.6E-01	5.5E-02	9.0E-07	4.1E+00
659	1.14	1.1E-06	1.2E+01	1.1E-02	1.0E-03	1.3E-04	1.6E-01	5.5E-02	1.1E-06	4.1E+00
660	1.48	1.5E-06	1.5E+01	1.1E-02	1.0E-03	1.7E-04	1.6E-01	5.5E-02	1.5E-06	4.1E+00
661	1.91	1.9E-06	1.9E+01	1.1E-02	1.0E-03	2.2E-04	1.6E-01	5.5E-02	1.9E-06	4.0E+00
662	2.41	2.4E-06	2.4E+01	1.1E-02	1.0E-03	2.8E-04	1.6E-01	5.5E-02	2.4E-06	3.9E+00
663	2.84	2.8E-06	2.9E+01	1.1E-02	1.0E-03	3.3E-04	1.6E-01	5.5E-02	2.8E-06	3.8E+00
664	3.17	3.2E-06	3.2E+01	1.1E-02	1.0E-03	3.7E-04	1.6E-01	5.5E-02	3.2E-06	3.7E+00
665	3.36	3.4E-06	3.4E+01	1.1E-02	1.0E-03	3.9E-04	1.6E-01	5.5E-02	3.4E-06	3.6E+00
666	3.42	3.4E-06	3.5E+01	1.1E-02	1.0E-03	4.0E-04	1.6E-01	5.5E-02	3.4E-06	3.4E+00
667	3.35	3.3E-06	3.4E+01	1.1E-02	1.0E-03	3.9E-04	1.6E-01	5.5E-02	3.3E-06	3.3E+00
668	3.15	3.2E-06	3.2E+01	1.1E-02	1.0E-03	3.7E-04	1.6E-01	5.5E-02	3.2E-06	3.1E+00
669	2.80	2.8E-06	2.9E+01	1.1E-02	1.0E-03	3.3E-04	1.6E-01	5.5E-02	2.8E-06	2.9E+00
670	2.36	2.4E-06	2.4E+01	1.1E-02	1.0E-03	2.7E-04	1.6E-01	5.5E-02	2.4E-06	2.8E+00
671	1.95	1.9E-06	2.0E+01	1.1E-02	1.0E-03	2.3E-04	1.6E-01	5.5E-02	1.9E-06	2.6E+00
672	1.62	1.6E-06	1.6E+01	1.1E-02	1.0E-03	1.9E-04	1.6E-01	5.5E-02	1.6E-06	2.5E+00
673	1.35	1.4E-06	1.4E+01	1.1E-02	1.0E-03	1.6E-04	1.6E-01	5.5E-02	1.3E-06	2.3E+00
674	1.14	1.1E-06	1.2E+01	1.1E-02	1.0E-03	1.3E-04	1.6E-01	5.5E-02	1.1E-06	2.2E+00
675	0.98	9.8E-07	9.9E+00	1.1E-02	1.0E-03	1.1E-04	1.6E-01	5.5E-02	9.8E-07	2.1E+00
676	0.84	8.4E-07	8.6E+00	1.1E-02	1.0E-03	9.8E-05	1.6E-01	5.5E-02	8.4E-07	1.9E+00
677	0.26	2.6E-07	2.7E+00	1.1E-02	1.0E-03	3.0E-05	1.6E-01	5.5E-02	2.6E-07	2.9E+00
678	0.30	3.0E-07	3.0E+00	1.1E-02	1.0E-03	3.4E-05	1.6E-01	5.5E-02	3.0E-07	3.1E+00
679	0.34	3.4E-07	3.5E+00	1.1E-02	1.0E-03	3.9E-05	1.6E-01	5.5E-02	3.4E-07	3.2E+00
680	0.39	3.9E-07	4.0E+00	1.1E-02	1.0E-03	4.5E-05	1.6E-01	5.5E-02	3.9E-07	3.4E+00

681	0.46	4.6E-07	4.7E+00	1.1E-02	1.0E-03	5.3E-05	1.6E-01	5.5E-02	4.6E-07	3.5E+00
682	0.54	5.4E-07	5.5E+00	1.1E-02	1.0E-03	6.3E-05	1.6E-01	5.5E-02	5.4E-07	3.6E+00
683	0.64	6.4E-07	6.5E+00	1.1E-02	1.0E-03	7.5E-05	1.6E-01	5.5E-02	6.4E-07	3.7E+00
684	0.79	7.9E-07	8.0E+00	1.1E-02	1.0E-03	9.1E-05	1.6E-01	5.5E-02	7.9E-07	3.7E+00
685	0.97	9.7E-07	9.8E+00	1.1E-02	1.0E-03	1.1E-04	1.6E-01	5.5E-02	9.7E-07	3.7E+00
686	1.19	1.2E-06	1.2E+01	1.1E-02	1.0E-03	1.4E-04	1.6E-01	5.5E-02	1.2E-06	3.7E+00
687	1.47	1.5E-06	1.5E+01	1.1E-02	1.0E-03	1.7E-04	1.6E-01	5.5E-02	1.5E-06	3.6E+00
688	1.77	1.8E-06	1.8E+01	1.1E-02	1.0E-03	2.1E-04	1.6E-01	5.5E-02	1.8E-06	3.6E+00
689	2.03	2.0E-06	2.1E+01	1.1E-02	1.0E-03	2.4E-04	1.6E-01	5.5E-02	2.0E-06	3.5E+00
690	2.24	2.2E-06	2.3E+01	1.1E-02	1.0E-03	2.6E-04	1.6E-01	5.5E-02	2.2E-06	3.4E+00
691	2.37	2.4E-06	2.4E+01	1.1E-02	1.0E-03	2.7E-04	1.6E-01	5.5E-02	2.4E-06	3.3E+00
692	2.41	2.4E-06	2.5E+01	1.1E-02	1.0E-03	2.8E-04	1.6E-01	5.5E-02	2.4E-06	3.1E+00
693	2.38	2.4E-06	2.4E+01	1.1E-02	1.0E-03	2.8E-04	1.6E-01	5.5E-02	2.4E-06	3.0E+00
694	2.26	2.3E-06	2.3E+01	1.1E-02	1.0E-03	2.6E-04	1.6E-01	5.5E-02	2.3E-06	2.9E+00
695	2.07	2.1E-06	2.1E+01	1.1E-02	1.0E-03	2.4E-04	1.6E-01	5.5E-02	2.1E-06	2.7E+00
696	1.82	1.8E-06	1.9E+01	1.1E-02	1.0E-03	2.1E-04	1.6E-01	5.5E-02	1.8E-06	2.6E+00
697	1.57	1.6E-06	1.6E+01	1.1E-02	1.0E-03	1.8E-04	1.6E-01	5.5E-02	1.6E-06	2.5E+00
698	1.35	1.4E-06	1.4E+01	1.1E-02	1.0E-03	1.6E-04	1.6E-01	5.5E-02	1.4E-06	2.3E+00
699	1.16	1.2E-06	1.2E+01	1.1E-02	1.0E-03	1.3E-04	1.6E-01	5.5E-02	1.2E-06	2.2E+00
700	1.00	1.0E-06	1.0E+01	1.1E-02	1.0E-03	1.2E-04	1.6E-01	5.5E-02	1.0E-06	2.1E+00
701	0.87	8.7E-07	8.9E+00	1.1E-02	1.0E-03	1.0E-04	1.6E-01	5.5E-02	8.7E-07	2.0E+00
702	0.76	7.6E-07	7.8E+00	1.1E-02	1.0E-03	8.9E-05	1.6E-01	5.5E-02	7.6E-07	1.9E+00
703	0.25	2.5E-07	2.5E+00	1.1E-02	1.0E-03	2.9E-05	1.6E-01	5.5E-02	2.5E-07	2.7E+00
704	0.28	2.8E-07	2.9E+00	1.1E-02	1.0E-03	3.3E-05	1.6E-01	5.5E-02	2.8E-07	2.8E+00
705	0.32	3.2E-07	3.2E+00	1.1E-02	1.0E-03	3.7E-05	1.6E-01	5.5E-02	3.2E-07	2.9E+00
706	0.36	3.6E-07	3.7E+00	1.1E-02	1.0E-03	4.2E-05	1.6E-01	5.5E-02	3.6E-07	3.0E+00
707	0.42	4.2E-07	4.3E+00	1.1E-02	1.0E-03	4.9E-05	1.6E-01	5.5E-02	4.2E-07	3.1E+00
708	0.49	4.9E-07	5.0E+00	1.1E-02	1.0E-03	5.7E-05	1.6E-01	5.5E-02	4.9E-07	3.2E+00
709	0.58	5.8E-07	5.9E+00	1.1E-02	1.0E-03	6.7E-05	1.6E-01	5.5E-02	5.8E-07	3.3E+00
710	0.69	6.9E-07	7.1E+00	1.1E-02	1.0E-03	8.1E-05	1.6E-01	5.5E-02	6.9E-07	3.3E+00
711	0.83	8.3E-07	8.4E+00	1.1E-02	1.0E-03	9.6E-05	1.6E-01	5.5E-02	8.3E-07	3.3E+00
712	0.99	9.9E-07	1.0E+01	1.1E-02	1.0E-03	1.1E-04	1.6E-01	5.5E-02	9.9E-07	3.3E+00
713	1.17	1.2E-06	1.2E+01	1.1E-02	1.0E-03	1.4E-04	1.6E-01	5.5E-02	1.2E-06	3.3E+00
714	1.36	1.4E-06	1.4E+01	1.1E-02	1.0E-03	1.6E-04	1.6E-01	5.5E-02	1.4E-06	3.3E+00
715	1.53	1.5E-06	1.6E+01	1.1E-02	1.0E-03	1.8E-04	1.6E-01	5.5E-02	1.5E-06	3.2E+00
716	1.67	1.7E-06	1.7E+01	1.1E-02	1.0E-03	1.9E-04	1.6E-01	5.5E-02	1.7E-06	3.1E+00
717	1.75	1.8E-06	1.8E+01	1.1E-02	1.0E-03	2.0E-04	1.6E-01	5.5E-02	1.8E-06	3.0E+00
718	1.79	1.8E-06	1.8E+01	1.1E-02	1.0E-03	2.1E-04	1.6E-01	5.5E-02	1.8E-06	2.9E+00
719	1.78	1.8E-06	1.8E+01	1.1E-02	1.0E-03	2.1E-04	1.6E-01	5.5E-02	1.8E-06	2.8E+00
720	1.71	1.7E-06	1.7E+01	1.1E-02	1.0E-03	2.0E-04	1.6E-01	5.5E-02	1.7E-06	2.7E+00
721	1.60	1.6E-06	1.6E+01	1.1E-02	1.0E-03	1.9E-04	1.6E-01	5.5E-02	1.6E-06	2.6E+00
722	1.45	1.4E-06	1.5E+01	1.1E-02	1.0E-03	1.7E-04	1.6E-01	5.5E-02	1.4E-06	2.4E+00
723	1.29	1.3E-06	1.3E+01	1.1E-02	1.0E-03	1.5E-04	1.6E-01	5.5E-02	1.3E-06	2.3E+00
724	1.14	1.1E-06	1.2E+01	1.1E-02	1.0E-03	1.3E-04	1.6E-01	5.5E-02	1.1E-06	2.2E+00
725	1.01	1.0E-06	1.0E+01	1.1E-02	1.0E-03	1.2E-04	1.6E-01	5.5E-02	1.0E-06	2.1E+00
726	0.89	8.9E-07	9.0E+00	1.1E-02	1.0E-03	1.0E-04	1.6E-01	5.5E-02	8.9E-07	2.0E+00
727	0.78	7.8E-07	7.9E+00	1.1E-02	1.0E-03	9.1E-05	1.6E-01	5.5E-02	7.8E-07	1.9E+00
728	0.69	6.9E-07	7.0E+00	1.1E-02	1.0E-03	8.0E-05	1.6E-01	5.5E-02	6.9E-07	1.8E+00
729	0.24	2.4E-07	2.4E+00	1.1E-02	1.0E-03	2.7E-05	1.6E-01	5.5E-02	2.4E-07	2.4E+00

730	0.26	2.6E-07	2.7E+00	1.1E-02	1.0E-03	3.1E-05	1.6E-01	5.5E-02	2.6E-07	2.5E+00
731	0.30	3.0E-07	3.0E+00	1.1E-02	1.0E-03	3.5E-05	1.6E-01	5.5E-02	3.0E-07	2.6E+00
732	0.34	3.4E-07	3.5E+00	1.1E-02	1.0E-03	3.9E-05	1.6E-01	5.5E-02	3.4E-07	2.7E+00
733	0.39	3.9E-07	3.9E+00	1.1E-02	1.0E-03	4.5E-05	1.6E-01	5.5E-02	3.9E-07	2.8E+00
734	0.45	4.5E-07	4.6E+00	1.1E-02	1.0E-03	5.2E-05	1.6E-01	5.5E-02	4.5E-07	2.9E+00
735	0.52	5.2E-07	5.3E+00	1.1E-02	1.0E-03	6.0E-05	1.6E-01	5.5E-02	5.2E-07	3.0E+00
736	0.61	6.1E-07	6.2E+00	1.1E-02	1.0E-03	7.1E-05	1.6E-01	5.5E-02	6.1E-07	3.0E+00
737	0.71	7.1E-07	7.2E+00	1.1E-02	1.0E-03	8.2E-05	1.6E-01	5.5E-02	7.1E-07	3.0E+00
738	0.83	8.3E-07	8.4E+00	1.1E-02	1.0E-03	9.6E-05	1.6E-01	5.5E-02	8.3E-07	3.0E+00
739	0.95	9.5E-07	9.6E+00	1.1E-02	1.0E-03	1.1E-04	1.6E-01	5.5E-02	9.5E-07	3.0E+00
740	1.08	1.1E-06	1.1E+01	1.1E-02	1.0E-03	1.3E-04	1.6E-01	5.5E-02	1.1E-06	3.0E+00
741	1.20	1.2E-06	1.2E+01	1.1E-02	1.0E-03	1.4E-04	1.6E-01	5.5E-02	1.2E-06	2.9E+00
742	1.29	1.3E-06	1.3E+01	1.1E-02	1.0E-03	1.5E-04	1.6E-01	5.5E-02	1.3E-06	2.9E+00
743	1.35	1.4E-06	1.4E+01	1.1E-02	1.0E-03	1.6E-04	1.6E-01	5.5E-02	1.4E-06	2.8E+00
744	1.39	1.4E-06	1.4E+01	1.1E-02	1.0E-03	1.6E-04	1.6E-01	5.5E-02	1.4E-06	2.7E+00
745	1.39	1.4E-06	1.4E+01	1.1E-02	1.0E-03	1.6E-04	1.6E-01	5.5E-02	1.4E-06	2.6E+00
746	1.35	1.4E-06	1.4E+01	1.1E-02	1.0E-03	1.6E-04	1.6E-01	5.5E-02	1.4E-06	2.5E+00
747	1.28	1.3E-06	1.3E+01	1.1E-02	1.0E-03	1.5E-04	1.6E-01	5.5E-02	1.3E-06	2.4E+00
748	1.18	1.2E-06	1.2E+01	1.1E-02	1.0E-03	1.4E-04	1.6E-01	5.5E-02	1.2E-06	2.3E+00
749	1.08	1.1E-06	1.1E+01	1.1E-02	1.0E-03	1.3E-04	1.6E-01	5.5E-02	1.1E-06	2.2E+00
750	0.97	9.7E-07	9.9E+00	1.1E-02	1.0E-03	1.1E-04	1.6E-01	5.5E-02	9.7E-07	2.1E+00
751	0.87	8.7E-07	8.9E+00	1.1E-02	1.0E-03	1.0E-04	1.6E-01	5.5E-02	8.7E-07	2.0E+00
752	0.78	7.8E-07	7.9E+00	1.1E-02	1.0E-03	9.1E-05	1.6E-01	5.5E-02	7.8E-07	1.9E+00
753	0.70	7.0E-07	7.1E+00	1.1E-02	1.0E-03	8.1E-05	1.6E-01	5.5E-02	7.0E-07	1.8E+00
754	0.63	6.3E-07	6.4E+00	1.1E-02	1.0E-03	7.3E-05	1.6E-01	5.5E-02	6.3E-07	1.7E+00
755	0.22	2.2E-07	2.3E+00	1.1E-02	1.0E-03	2.6E-05	1.6E-01	5.5E-02	2.2E-07	2.2E+00
756	0.25	2.5E-07	2.5E+00	1.1E-02	1.0E-03	2.9E-05	1.6E-01	5.5E-02	2.5E-07	2.3E+00
757	0.28	2.8E-07	2.8E+00	1.1E-02	1.0E-03	3.2E-05	1.6E-01	5.5E-02	2.8E-07	2.4E+00
758	0.31	3.1E-07	3.2E+00	1.1E-02	1.0E-03	3.6E-05	1.6E-01	5.5E-02	3.1E-07	2.5E+00
759	0.36	3.6E-07	3.6E+00	1.1E-02	1.0E-03	4.1E-05	1.6E-01	5.5E-02	3.6E-07	2.6E+00
760	0.41	4.1E-07	4.1E+00	1.1E-02	1.0E-03	4.7E-05	1.6E-01	5.5E-02	4.1E-07	2.6E+00
761	0.47	4.7E-07	4.7E+00	1.1E-02	1.0E-03	5.4E-05	1.6E-01	5.5E-02	4.7E-07	2.7E+00
762	0.54	5.4E-07	5.5E+00	1.1E-02	1.0E-03	6.2E-05	1.6E-01	5.5E-02	5.4E-07	2.7E+00
763	0.61	6.1E-07	6.2E+00	1.1E-02	1.0E-03	7.1E-05	1.6E-01	5.5E-02	6.1E-07	2.8E+00
764	0.70	7.0E-07	7.1E+00	1.1E-02	1.0E-03	8.1E-05	1.6E-01	5.5E-02	7.0E-07	2.8E+00
765	0.79	7.9E-07	8.0E+00	1.1E-02	1.0E-03	9.1E-05	1.6E-01	5.5E-02	7.9E-07	2.7E+00
766	0.88	8.8E-07	8.9E+00	1.1E-02	1.0E-03	1.0E-04	1.6E-01	5.5E-02	8.8E-07	2.7E+00
767	0.97	9.7E-07	9.8E+00	1.1E-02	1.0E-03	1.1E-04	1.6E-01	5.5E-02	9.7E-07	2.7E+00
768	1.03	1.0E-06	1.0E+01	1.1E-02	1.0E-03	1.2E-04	1.6E-01	5.5E-02	1.0E-06	2.6E+00
769	1.08	1.1E-06	1.1E+01	1.1E-02	1.0E-03	1.3E-04	1.6E-01	5.5E-02	1.1E-06	2.6E+00
770	1.11	1.1E-06	1.1E+01	1.1E-02	1.0E-03	1.3E-04	1.6E-01	5.5E-02	1.1E-06	2.5E+00
771	1.12	1.1E-06	1.1E+01	1.1E-02	1.0E-03	1.3E-04	1.6E-01	5.5E-02	1.1E-06	2.4E+00
772	1.10	1.1E-06	1.1E+01	1.1E-02	1.0E-03	1.3E-04	1.6E-01	5.5E-02	1.1E-06	2.3E+00
773	1.06	1.1E-06	1.1E+01	1.1E-02	1.0E-03	1.2E-04	1.6E-01	5.5E-02	1.1E-06	2.2E+00
774	0.99	9.9E-07	1.0E+01	1.1E-02	1.0E-03	1.1E-04	1.6E-01	5.5E-02	9.9E-07	2.2E+00
775	0.91	9.1E-07	9.3E+00	1.1E-02	1.0E-03	1.1E-04	1.6E-01	5.5E-02	9.1E-07	2.1E+00
776	0.84	8.4E-07	8.5E+00	1.1E-02	1.0E-03	9.7E-05	1.6E-01	5.5E-02	8.4E-07	2.0E+00
777	0.77	7.7E-07	7.8E+00	1.1E-02	1.0E-03	8.9E-05	1.6E-01	5.5E-02	7.7E-07	1.9E+00
778	0.69	6.9E-07	7.1E+00	1.1E-02	1.0E-03	8.1E-05	1.6E-01	5.5E-02	6.9E-07	1.8E+00

779	0.63	6.3E-07	6.4E+00	1.1E-02	1.0E-03	7.3E-05	1.6E-01	5.5E-02	6.3E-07	1.7E+00
780	0.57	5.7E-07	5.8E+00	1.1E-02	1.0E-03	6.6E-05	1.6E-01	5.5E-02	5.7E-07	1.6E+00
781	0.21	2.1E-07	2.1E+00	1.1E-02	1.0E-03	2.4E-05	1.6E-01	5.5E-02	2.1E-07	2.0E+00
782	0.23	2.3E-07	2.4E+00	1.1E-02	1.0E-03	2.7E-05	1.6E-01	5.5E-02	2.3E-07	2.1E+00
783	0.26	2.6E-07	2.6E+00	1.1E-02	1.0E-03	3.0E-05	1.6E-01	5.5E-02	2.6E-07	2.2E+00
784	0.29	2.9E-07	3.0E+00	1.1E-02	1.0E-03	3.4E-05	1.6E-01	5.5E-02	2.9E-07	2.3E+00
785	0.33	3.3E-07	3.3E+00	1.1E-02	1.0E-03	3.8E-05	1.6E-01	5.5E-02	3.3E-07	2.4E+00
786	0.37	3.7E-07	3.8E+00	1.1E-02	1.0E-03	4.3E-05	1.6E-01	5.5E-02	3.7E-07	2.4E+00
787	0.42	4.2E-07	4.3E+00	1.1E-02	1.0E-03	4.9E-05	1.6E-01	5.5E-02	4.2E-07	2.5E+00
788	0.48	4.8E-07	4.8E+00	1.1E-02	1.0E-03	5.5E-05	1.6E-01	5.5E-02	4.8E-07	2.5E+00
789	0.53	5.3E-07	5.4E+00	1.1E-02	1.0E-03	6.2E-05	1.6E-01	5.5E-02	5.3E-07	2.5E+00
790	0.60	6.0E-07	6.1E+00	1.1E-02	1.0E-03	6.9E-05	1.6E-01	5.5E-02	6.0E-07	2.5E+00
791	0.67	6.7E-07	6.8E+00	1.1E-02	1.0E-03	7.7E-05	1.6E-01	5.5E-02	6.7E-07	2.5E+00
792	0.73	7.3E-07	7.5E+00	1.1E-02	1.0E-03	8.5E-05	1.6E-01	5.5E-02	7.3E-07	2.5E+00
793	0.80	8.0E-07	8.1E+00	1.1E-02	1.0E-03	9.3E-05	1.6E-01	5.5E-02	8.0E-07	2.5E+00
794	0.85	8.5E-07	8.6E+00	1.1E-02	1.0E-03	9.8E-05	1.6E-01	5.5E-02	8.5E-07	2.4E+00
795	0.89	8.9E-07	9.0E+00	1.1E-02	1.0E-03	1.0E-04	1.6E-01	5.5E-02	8.9E-07	2.4E+00
796	0.92	9.2E-07	9.3E+00	1.1E-02	1.0E-03	1.1E-04	1.6E-01	5.5E-02	9.2E-07	2.3E+00
797	0.93	9.3E-07	9.4E+00	1.1E-02	1.0E-03	1.1E-04	1.6E-01	5.5E-02	9.3E-07	2.3E+00
798	0.92	9.2E-07	9.3E+00	1.1E-02	1.0E-03	1.1E-04	1.6E-01	5.5E-02	9.2E-07	2.2E+00
799	0.89	8.9E-07	9.0E+00	1.1E-02	1.0E-03	1.0E-04	1.6E-01	5.5E-02	8.9E-07	2.1E+00
800	0.84	8.4E-07	8.5E+00	1.1E-02	1.0E-03	9.7E-05	1.6E-01	5.5E-02	8.4E-07	2.0E+00
801	0.78	7.8E-07	8.0E+00	1.1E-02	1.0E-03	9.1E-05	1.6E-01	5.5E-02	7.8E-07	1.9E+00
802	0.73	7.3E-07	7.4E+00	1.1E-02	1.0E-03	8.5E-05	1.6E-01	5.5E-02	7.3E-07	1.9E+00
803	0.68	6.8E-07	6.9E+00	1.1E-02	1.0E-03	7.9E-05	1.6E-01	5.5E-02	6.8E-07	1.8E+00
804	0.62	6.2E-07	6.3E+00	1.1E-02	1.0E-03	7.2E-05	1.6E-01	5.5E-02	6.2E-07	1.7E+00
805	0.57	5.7E-07	5.8E+00	1.1E-02	1.0E-03	6.6E-05	1.6E-01	5.5E-02	5.7E-07	1.6E+00
806	0.52	5.2E-07	5.3E+00	1.1E-02	1.0E-03	6.0E-05	1.6E-01	5.5E-02	5.2E-07	1.6E+00

Franklin School Project

Risk From New Building Demo - Unmitigated Residential

Haul Route 1A							Haul Route 2A							
g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec
2.0E-06	1.0E-03	6.6E-10	1.6E-01	5.5E-02	5.7E-12	3.4E-01	6.2E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11	3.4E-01	1.3E-05
2.0E-06	1.0E-03	7.5E-10	1.6E-01	5.5E-02	6.5E-12	3.9E-01	6.2E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-02	2.2E-11	3.9E-01	1.3E-05
2.0E-06	1.0E-03	8.5E-10	1.6E-01	5.5E-02	7.3E-12	4.5E-01	6.2E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-02	2.5E-11	4.5E-01	1.3E-05
2.0E-06	1.0E-03	9.5E-10	1.6E-01	5.5E-02	8.2E-12	5.2E-01	6.2E-06	1.0E-03	3.3E-09	1.6E-01	5.5E-02	2.9E-11	5.2E-01	1.3E-05
2.0E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	9.0E-12	5.8E-01	6.2E-06	1.0E-03	3.8E-09	1.6E-01	5.5E-02	3.3E-11	5.8E-01	1.3E-05
2.0E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.8E-12	6.5E-01	6.2E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-02	3.6E-11	6.5E-01	1.3E-05
2.0E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.1E-11	7.1E-01	6.2E-06	1.0E-03	4.6E-09	1.6E-01	5.5E-02	3.9E-11	7.1E-01	1.3E-05
2.0E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11	7.7E-01	6.2E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-02	4.3E-11	7.7E-01	1.3E-05
2.0E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11	8.4E-01	6.2E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-02	4.7E-11	8.4E-01	1.3E-05
2.0E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11	9.2E-01	6.2E-06	1.0E-03	6.0E-09	1.6E-01	5.5E-02	5.1E-11	9.2E-01	1.3E-05
2.0E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.4E-11	9.9E-01	6.2E-06	1.0E-03	6.4E-09	1.6E-01	5.5E-02	5.5E-11	9.9E-01	1.3E-05
2.0E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.5E-11	1.0E+00	6.2E-06	1.0E-03	6.7E-09	1.6E-01	5.5E-02	5.8E-11	1.0E+00	1.3E-05
2.0E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.5E-11	1.0E+00	6.2E-06	1.0E-03	6.8E-09	1.6E-01	5.5E-02	5.8E-11	1.0E+00	1.3E-05
2.0E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.5E-11	1.0E+00	6.2E-06	1.0E-03	6.6E-09	1.6E-01	5.5E-02	5.7E-11	1.0E+00	1.3E-05
2.0E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.4E-11	9.5E-01	6.2E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-02	5.3E-11	9.5E-01	1.3E-05
2.0E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11	8.8E-01	6.2E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-02	4.9E-11	8.8E-01	1.3E-05
2.0E-06	1.0E-03	7.7E-10	1.6E-01	5.5E-02	6.6E-12	3.9E-01	6.2E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-02	2.2E-11	3.9E-01	1.3E-05
2.0E-06	1.0E-03	9.0E-10	1.6E-01	5.5E-02	7.7E-12	4.7E-01	6.2E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-02	2.6E-11	4.7E-01	1.3E-05
2.0E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	9.0E-12	5.5E-01	6.2E-06	1.0E-03	3.6E-09	1.6E-01	5.5E-02	3.1E-11	5.5E-01	1.3E-05
2.0E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11	6.5E-01	6.2E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-02	3.7E-11	6.5E-01	1.3E-05
2.0E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11	7.6E-01	6.2E-06	1.0E-03	4.9E-09	1.6E-01	5.5E-02	4.3E-11	7.6E-01	1.3E-05
2.0E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11	8.7E-01	6.2E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-02	4.9E-11	8.7E-01	1.3E-05
2.0E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.4E-11	9.7E-01	6.2E-06	1.0E-03	6.3E-09	1.6E-01	5.5E-02	5.4E-11	9.7E-01	1.3E-05
2.0E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.5E-11	1.1E+00	6.2E-06	1.0E-03	7.0E-09	1.6E-01	5.5E-02	6.1E-11	1.1E+00	1.3E-05
2.0E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-02	1.7E-11	1.2E+00	6.2E-06	1.0E-03	7.8E-09	1.6E-01	5.5E-02	6.7E-11	1.2E+00	1.3E-05
2.0E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11	1.3E+00	6.2E-06	1.0E-03	8.6E-09	1.6E-01	5.5E-02	7.4E-11	1.3E+00	1.3E-05
2.0E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11	1.4E+00	6.2E-06	1.0E-03	9.2E-09	1.6E-01	5.5E-02	7.9E-11	1.4E+00	1.3E-05
2.0E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11	1.4E+00	6.2E-06	1.0E-03	9.3E-09	1.6E-01	5.5E-02	8.0E-11	1.4E+00	1.3E-05
2.0E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11	1.4E+00	6.2E-06	1.0E-03	9.0E-09	1.6E-01	5.5E-02	7.7E-11	1.4E+00	1.3E-05
2.0E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11	1.3E+00	6.2E-06	1.0E-03	8.3E-09	1.6E-01	5.5E-02	7.2E-11	1.3E+00	1.3E-05
2.0E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-02	1.7E-11	1.2E+00	6.2E-06	1.0E-03	7.5E-09	1.6E-01	5.5E-02	6.4E-11	1.2E+00	1.3E-05
2.0E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.5E-11	1.0E+00	6.2E-06	1.0E-03	6.6E-09	1.6E-01	5.5E-02	5.7E-11	1.0E+00	1.3E-05
2.0E-06	1.0E-03	9.1E-10	1.6E-01	5.5E-02	7.8E-12	4.5E-01	6.2E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-02	2.5E-11	4.5E-01	1.3E-05
2.0E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.4E-12	5.6E-01	6.2E-06	1.0E-03	3.6E-09	1.6E-01	5.5E-02	3.1E-11	5.6E-01	1.3E-05
2.0E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11	6.9E-01	6.2E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-02	3.8E-11	6.9E-01	1.3E-05
2.0E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.3E-11	8.5E-01	6.2E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-02	4.7E-11	8.5E-01	1.3E-05
2.0E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.6E-11	1.0E+00	6.2E-06	1.0E-03	6.7E-09	1.6E-01	5.5E-02	5.8E-11	1.0E+00	1.3E-05
2.0E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11	1.2E+00	6.2E-06	1.0E-03	8.0E-09	1.6E-01	5.5E-02	6.9E-11	1.2E+00	1.3E-05
2.0E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11	1.4E+00	6.2E-06	1.0E-03	9.3E-09	1.6E-01	5.5E-02	8.0E-11	1.4E+00	1.3E-05
2.0E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-02	2.2E-11	1.6E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.2E-11	1.6E+00	1.3E-05
2.0E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-02	2.5E-11	1.9E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	1.9E+00	1.3E-05
2.0E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-02	2.7E-11	2.1E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	2.1E+00	1.3E-05
2.0E-06	1.0E-03	3.3E-09	1.6E-01	5.5E-02	2.8E-11	2.1E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	2.1E+00	1.3E-05

2.0E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-02	2.7E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	2.0E+00	1.3E-05
2.0E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-02	2.5E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	1.8E+00	1.3E-05
2.0E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-02	2.3E-11	1.6E+00	6.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.8E-11	1.6E+00	1.3E-05
2.0E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11	1.3E+00	6.2E-06	1.0E-03	8.7E-09	1.6E-01	5.5E-02	7.5E-11	1.3E+00	1.3E-05
2.0E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-02	1.7E-11	1.1E+00	6.2E-06	1.0E-03	7.4E-09	1.6E-01	5.5E-02	6.4E-11	1.1E+00	1.3E-05
2.0E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.2E-12	5.2E-01	6.2E-06	1.0E-03	3.4E-09	1.6E-01	5.5E-02	2.9E-11	5.2E-01	1.3E-05
2.0E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11	6.6E-01	6.2E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-02	3.7E-11	6.6E-01	1.3E-05
2.0E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.4E-11	8.6E-01	6.2E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-02	4.8E-11	8.6E-01	1.3E-05
2.0E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11	1.1E+00	6.2E-06	1.0E-03	7.3E-09	1.6E-01	5.5E-02	6.3E-11	1.1E+00	1.3E-05
2.0E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-02	2.2E-11	1.5E+00	6.2E-06	1.0E-03	9.6E-09	1.6E-01	5.5E-02	8.3E-11	1.5E+00	1.3E-05
2.0E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-02	2.7E-11	1.9E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.1E-10	1.9E+00	1.3E-05
2.0E-06	1.0E-03	3.6E-09	1.6E-01	5.5E-02	3.1E-11	2.3E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	2.3E+00	1.3E-05
2.0E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-02	3.6E-11	2.8E+00	6.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.6E-10	2.8E+00	1.3E-05
2.0E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-02	4.0E-11	3.2E+00	6.2E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	3.2E+00	1.3E-05
2.0E-06	1.0E-03	4.9E-09	1.6E-01	5.5E-02	4.2E-11	3.4E+00	6.2E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	3.4E+00	1.3E-05
2.0E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-02	4.0E-11	3.1E+00	6.2E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.8E-10	3.1E+00	1.3E-05
2.0E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-02	3.6E-11	2.7E+00	6.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.5E-10	2.7E+00	1.3E-05
2.0E-06	1.0E-03	3.7E-09	1.6E-01	5.5E-02	3.2E-11	2.3E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	2.3E+00	1.3E-05
2.0E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-02	2.7E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	1.8E+00	1.3E-05
2.0E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-02	2.3E-11	1.5E+00	6.2E-06	1.0E-03	9.7E-09	1.6E-01	5.5E-02	8.3E-11	1.5E+00	1.3E-05
2.0E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11	1.2E+00	6.2E-06	1.0E-03	7.9E-09	1.6E-01	5.5E-02	6.8E-11	1.2E+00	1.3E-05
2.0E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.1E-11	5.9E-01	6.2E-06	1.0E-03	3.8E-09	1.6E-01	5.5E-02	3.3E-11	5.9E-01	1.3E-05
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2.0E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11	1.1E+00	6.2E-06	1.0E-03	6.9E-09	1.6E-01	5.5E-02	6.0E-11	1.1E+00	1.3E-05
2.0E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-02	2.5E-11	1.5E+00	6.2E-06	1.0E-03	9.9E-09	1.6E-01	5.5E-02	8.5E-11	1.5E+00	1.3E-05
2.0E-06	1.0E-03	3.9E-09	1.6E-01	5.5E-02	3.4E-11	2.2E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	2.2E+00	1.3E-05
2.0E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-02	4.4E-11	3.3E+00	6.2E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	3.3E+00	1.3E-05
2.0E-06	1.0E-03	6.3E-09	1.6E-01	5.5E-02	5.4E-11	4.5E+00	6.2E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-02	2.5E-10	4.5E+00	1.3E-05
2.0E-06	1.0E-03	7.5E-09	1.6E-01	5.5E-02	6.5E-11	5.6E+00	6.2E-06	1.0E-03	3.7E-08	1.6E-01	5.5E-02	3.2E-10	5.6E+00	1.3E-05
2.0E-06	1.0E-03	8.1E-09	1.6E-01	5.5E-02	7.0E-11	6.2E+00	6.2E-06	1.0E-03	4.0E-08	1.6E-01	5.5E-02	3.5E-10	6.2E+00	1.3E-05
2.0E-06	1.0E-03	7.7E-09	1.6E-01	5.5E-02	6.6E-11	5.6E+00	6.2E-06	1.0E-03	3.6E-08	1.6E-01	5.5E-02	3.1E-10	5.6E+00	1.3E-05
2.0E-06	1.0E-03	6.6E-09	1.6E-01	5.5E-02	5.7E-11	4.5E+00	6.2E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-02	2.5E-10	4.5E+00	1.3E-05
2.0E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-02	4.7E-11	3.4E+00	6.2E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	3.4E+00	1.3E-05
2.0E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-02	3.7E-11	2.6E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10	2.6E+00	1.3E-05
2.0E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-02	3.0E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	2.0E+00	1.3E-05
2.0E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-02	2.4E-11	1.5E+00	6.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.6E-11	1.5E+00	1.3E-05
2.0E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11	1.2E+00	6.2E-06	1.0E-03	7.9E-09	1.6E-01	5.5E-02	6.8E-11	1.2E+00	1.3E-05
2.0E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11	6.5E-01	6.2E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-02	3.6E-11	6.5E-01	1.3E-05
2.0E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-02	1.6E-11	8.8E-01	6.2E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-02	4.9E-11	8.8E-01	1.3E-05
2.0E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-02	2.3E-11	1.3E+00	6.2E-06	1.0E-03	8.3E-09	1.6E-01	5.5E-02	7.2E-11	1.3E+00	1.3E-05
2.0E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-02	3.5E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	2.0E+00	1.3E-05
2.0E-06	1.0E-03	6.3E-09	1.6E-01	5.5E-02	5.5E-11	3.5E+00	6.2E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-02	1.9E-10	3.5E+00	1.3E-05
2.0E-06	1.0E-03	9.8E-09	1.6E-01	5.5E-02	8.4E-11	6.5E+00	6.2E-06	1.0E-03	4.2E-08	1.6E-01	5.5E-02	3.6E-10	6.5E+00	1.3E-05
2.0E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	1.1E+01	6.2E-06	1.0E-03	7.3E-08	1.6E-01	5.5E-02	6.3E-10	1.1E+01	1.3E-05
2.0E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	1.5E+01	6.2E-06	1.0E-03	9.7E-08	1.6E-01	5.5E-02	8.3E-10	1.5E+01	1.3E-05
2.0E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	1.3E+01	6.2E-06	1.0E-03	8.3E-08	1.6E-01	5.5E-02	7.2E-10	1.3E+01	1.3E-05
2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	9.9E-11	8.7E+00	6.2E-06	1.0E-03	5.7E-08	1.6E-01	5.5E-02	4.9E-10	8.7E+00	1.3E-05
2.0E-06	1.0E-03	8.5E-09	1.6E-01	5.5E-02	7.4E-11	5.7E+00	6.2E-06	1.0E-03	3.7E-08	1.6E-01	5.5E-02	3.2E-10	5.7E+00	1.3E-05
2.0E-06	1.0E-03	6.3E-09	1.6E-01	5.5E-02	5.5E-11	3.9E+00	6.2E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.2E-10	3.9E+00	1.3E-05

2.0E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-02	4.1E-11	2.7E+00	6.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.5E-10	2.7E+00	1.3E-05
2.0E-06	1.0E-03	3.6E-09	1.6E-01	5.5E-02	3.1E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	2.0E+00	1.3E-05
2.0E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-02	2.4E-11	1.5E+00	6.2E-06	1.0E-03	9.7E-09	1.6E-01	5.5E-02	8.3E-11	1.5E+00	1.3E-05
2.0E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11	1.2E+00	6.2E-06	1.0E-03	7.5E-09	1.6E-01	5.5E-02	6.4E-11	1.2E+00	1.3E-05
2.0E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11	6.8E-01	6.2E-06	1.0E-03	4.4E-09	1.6E-01	5.5E-02	3.8E-11	6.8E-01	1.3E-05
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2.0E-06	1.0E-03	3.3E-09	1.6E-01	5.5E-02	2.9E-11	1.4E+00	6.2E-06	1.0E-03	9.4E-09	1.6E-01	5.5E-02	8.1E-11	1.4E+00	1.3E-05
2.0E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-02	4.8E-11	2.5E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	2.5E+00	1.3E-05
2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.2E-11	5.0E+00	6.2E-06	1.0E-03	3.2E-08	1.6E-01	5.5E-02	2.8E-10	5.0E+00	1.3E-05
2.0E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	1.4E+01	6.2E-06	1.0E-03	9.2E-08	1.6E-01	5.5E-02	7.9E-10	1.4E+01	1.3E-05
2.0E-06	1.0E-03	4.8E-08	1.6E-01	5.5E-02	4.2E-10	5.4E+01	6.2E-06	1.0E-03	3.5E-07	1.6E-01	5.5E-02	3.0E-09	5.4E+01	1.3E-05
2.0E-06	1.0E-03	4.1E-08	1.6E-01	5.5E-02	3.5E-10	6.1E+01	6.2E-06	1.0E-03	3.9E-07	1.6E-01	5.5E-02	3.4E-09	6.1E+01	1.3E-05
2.0E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.2E-10	2.4E+01	6.2E-06	1.0E-03	1.5E-07	1.6E-01	5.5E-02	1.3E-09	2.4E+01	1.3E-05
2.0E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	1.1E+01	6.2E-06	1.0E-03	7.1E-08	1.6E-01	5.5E-02	6.1E-10	1.1E+01	1.3E-05
2.0E-06	1.0E-03	9.7E-09	1.6E-01	5.5E-02	8.4E-11	6.0E+00	6.2E-06	1.0E-03	3.9E-08	1.6E-01	5.5E-02	3.4E-10	6.0E+00	1.3E-05
2.0E-06	1.0E-03	6.6E-09	1.6E-01	5.5E-02	5.7E-11	3.8E+00	6.2E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	3.8E+00	1.3E-05
2.0E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-02	4.0E-11	2.5E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	2.5E+00	1.3E-05
2.0E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-02	3.0E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	1.8E+00	1.3E-05
2.0E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-02	2.3E-11	1.3E+00	6.2E-06	1.0E-03	8.7E-09	1.6E-01	5.5E-02	7.5E-11	1.3E+00	1.3E-05
2.0E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11	1.0E+00	6.2E-06	1.0E-03	6.7E-09	1.6E-01	5.5E-02	5.8E-11	1.0E+00	1.3E-05
2.0E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.4E-11	6.9E-01	6.2E-06	1.0E-03	4.4E-09	1.6E-01	5.5E-02	3.8E-11	6.9E-01	1.3E-05
2.0E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11	9.7E-01	6.2E-06	1.0E-03	6.3E-09	1.6E-01	5.5E-02	5.4E-11	9.7E-01	1.3E-05
2.0E-06	1.0E-03	3.7E-09	1.6E-01	5.5E-02	3.2E-11	1.5E+00	6.2E-06	1.0E-03	9.6E-09	1.6E-01	5.5E-02	8.3E-11	1.5E+00	1.3E-05
2.0E-06	1.0E-03	6.8E-09	1.6E-01	5.5E-02	5.8E-11	2.6E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.4E-10	2.6E+00	1.3E-05
2.0E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.3E-10	5.5E+00	6.2E-06	1.0E-03	3.6E-08	1.6E-01	5.5E-02	3.1E-10	5.5E+00	1.3E-05
2.0E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	9.6E+00	6.2E-06	1.0E-03	6.2E-08	1.6E-01	5.5E-02	5.4E-10	9.6E+00	1.3E-05
2.0E-06	1.0E-03	9.3E-09	1.6E-01	5.5E-02	8.0E-11	5.1E+00	6.2E-06	1.0E-03	3.3E-08	1.6E-01	5.5E-02	2.9E-10	5.1E+00	1.3E-05
2.0E-06	1.0E-03	6.1E-09	1.6E-01	5.5E-02	5.2E-11	3.2E+00	6.2E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	3.2E+00	1.3E-05
2.0E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-02	3.6E-11	2.1E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	2.1E+00	1.3E-05
2.0E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-02	2.7E-11	1.5E+00	6.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.6E-11	1.5E+00	1.3E-05
2.0E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.0E-11	1.2E+00	6.2E-06	1.0E-03	7.5E-09	1.6E-01	5.5E-02	6.5E-11	1.2E+00	1.3E-05
2.0E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.6E-11	9.0E-01	6.2E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-02	5.1E-11	9.0E-01	1.3E-05
2.0E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.4E-11	6.6E-01	6.2E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-02	3.7E-11	6.6E-01	1.3E-05
2.0E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11	9.1E-01	6.2E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-02	5.1E-11	9.1E-01	1.3E-05
2.0E-06	1.0E-03	3.7E-09	1.6E-01	5.5E-02	3.2E-11	1.4E+00	6.2E-06	1.0E-03	8.8E-09	1.6E-01	5.5E-02	7.6E-11	1.4E+00	1.3E-05
2.0E-06	1.0E-03	6.7E-09	1.6E-01	5.5E-02	5.8E-11	2.2E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	2.2E+00	1.3E-05
2.0E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	4.1E+00	6.2E-06	1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.3E-10	4.1E+00	1.3E-05
2.0E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	6.4E+00	6.2E-06	1.0E-03	4.2E-08	1.6E-01	5.5E-02	3.6E-10	6.4E+00	1.3E-05
2.0E-06	1.0E-03	7.7E-09	1.6E-01	5.5E-02	6.6E-11	3.9E+00	6.2E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.2E-10	3.9E+00	1.3E-05
2.0E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-02	4.3E-11	2.5E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	2.5E+00	1.3E-05
2.0E-06	1.0E-03	3.6E-09	1.6E-01	5.5E-02	3.1E-11	1.8E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.9E-11	1.8E+00	1.3E-05
2.0E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-02	2.3E-11	1.3E+00	6.2E-06	1.0E-03	8.4E-09	1.6E-01	5.5E-02	7.3E-11	1.3E+00	1.3E-05
2.0E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-02	1.8E-11	9.9E-01	6.2E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-02	5.6E-11	9.9E-01	1.3E-05
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2.0E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-02	2.8E-11	1.1E+00	6.2E-06	1.0E-03	7.4E-09	1.6E-01	5.5E-02	6.4E-11	1.1E+00	1.3E-05
2.0E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-02	4.7E-11	1.7E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.7E-11	1.7E+00	1.3E-05
2.0E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.8E-11	2.7E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10	2.7E+00	1.3E-05

2.0E-06	1.0E-03	9.2E-09	1.6E-01	5.5E-02	7.9E-11	4.2E+00	6.2E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10	4.2E+00	1.3E-05
2.0E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-02	5.1E-11	2.8E+00	6.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.6E-10	2.8E+00	1.3E-05
2.0E-06	1.0E-03	4.0E-09	1.6E-01	5.5E-02	3.5E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	2.0E+00	1.3E-05
2.0E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-02	2.6E-11	1.5E+00	6.2E-06	1.0E-03	9.6E-09	1.6E-01	5.5E-02	8.3E-11	1.5E+00	1.3E-05
2.0E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	1.9E-11	1.1E+00	6.2E-06	1.0E-03	7.2E-09	1.6E-01	5.5E-02	6.2E-11	1.1E+00	1.3E-05
2.0E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.5E-11	8.7E-01	6.2E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-02	4.8E-11	8.7E-01	1.3E-05
2.0E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11	6.9E-01	6.2E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-02	3.9E-11	6.9E-01	1.3E-05
2.0E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11	5.4E-01	6.2E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-02	3.0E-11	5.4E-01	1.3E-05
2.0E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-02	1.6E-11	7.0E-01	6.2E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-02	3.9E-11	7.0E-01	1.3E-05
2.0E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-02	2.3E-11	9.4E-01	6.2E-06	1.0E-03	6.1E-09	1.6E-01	5.5E-02	5.2E-11	9.4E-01	1.3E-05
2.0E-06	1.0E-03	4.0E-09	1.6E-01	5.5E-02	3.5E-11	1.3E+00	6.2E-06	1.0E-03	8.5E-09	1.6E-01	5.5E-02	7.3E-11	1.3E+00	1.3E-05
2.0E-06	1.0E-03	6.4E-09	1.6E-01	5.5E-02	5.5E-11	1.9E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	1.9E+00	1.3E-05
2.0E-06	1.0E-03	6.9E-09	1.6E-01	5.5E-02	5.9E-11	3.0E+00	6.2E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.7E-10	3.0E+00	1.3E-05
2.0E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-02	4.0E-11	2.2E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	2.2E+00	1.3E-05
2.0E-06	1.0E-03	3.3E-09	1.6E-01	5.5E-02	2.8E-11	1.6E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.0E-11	1.6E+00	1.3E-05
2.0E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-02	2.2E-11	1.3E+00	6.2E-06	1.0E-03	8.3E-09	1.6E-01	5.5E-02	7.1E-11	1.3E+00	1.3E-05
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2.0E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11	6.3E-01	6.2E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-02	3.5E-11	6.3E-01	1.3E-05
2.0E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11	4.7E-01	6.2E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-02	2.6E-11	4.7E-01	1.3E-05
2.0E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.3E-11	5.9E-01	6.2E-06	1.0E-03	3.8E-09	1.6E-01	5.5E-02	3.3E-11	5.9E-01	1.3E-05
2.0E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11	7.6E-01	6.2E-06	1.0E-03	4.9E-09	1.6E-01	5.5E-02	4.2E-11	7.6E-01	1.3E-05
2.0E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-02	2.5E-11	1.0E+00	6.2E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-02	5.6E-11	1.0E+00	1.3E-05
2.0E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-02	3.7E-11	1.4E+00	6.2E-06	1.0E-03	8.8E-09	1.6E-01	5.5E-02	7.6E-11	1.4E+00	1.3E-05
2.0E-06	1.0E-03	6.0E-09	1.6E-01	5.5E-02	5.2E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	1.8E+00	1.3E-05
2.0E-06	1.0E-03	7.4E-09	1.6E-01	5.5E-02	6.4E-11	2.2E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	2.2E+00	1.3E-05
2.0E-06	1.0E-03	7.5E-09	1.6E-01	5.5E-02	6.5E-11	2.5E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	2.5E+00	1.3E-05
2.0E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-02	5.6E-11	2.4E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.3E-10	2.4E+00	1.3E-05
2.0E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-02	4.4E-11	2.1E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	2.1E+00	1.3E-05
2.0E-06	1.0E-03	3.8E-09	1.6E-01	5.5E-02	3.3E-11	1.7E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.7E-11	1.7E+00	1.3E-05
2.0E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-02	2.4E-11	1.3E+00	6.2E-06	1.0E-03	8.6E-09	1.6E-01	5.5E-02	7.4E-11	1.3E+00	1.3E-05
2.0E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11	1.1E+00	6.2E-06	1.0E-03	6.8E-09	1.6E-01	5.5E-02	5.9E-11	1.1E+00	1.3E-05
2.0E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.5E-11	8.7E-01	6.2E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-02	4.9E-11	8.7E-01	1.3E-05
2.0E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11	7.0E-01	6.2E-06	1.0E-03	4.6E-09	1.6E-01	5.5E-02	3.9E-11	7.0E-01	1.3E-05
2.0E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.9E-12	5.7E-01	6.2E-06	1.0E-03	3.7E-09	1.6E-01	5.5E-02	3.2E-11	5.7E-01	1.3E-05
2.0E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	9.0E-12	4.1E-01	6.2E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-02	2.3E-11	4.1E-01	1.3E-05
2.0E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11	5.0E-01	6.2E-06	1.0E-03	3.3E-09	1.6E-01	5.5E-02	2.8E-11	5.0E-01	1.3E-05
2.0E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.4E-11	6.2E-01	6.2E-06	1.0E-03	4.0E-09	1.6E-01	5.5E-02	3.5E-11	6.2E-01	1.3E-05
2.0E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11	8.0E-01	6.2E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-02	4.4E-11	8.0E-01	1.3E-05
2.0E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-02	2.6E-11	1.0E+00	6.2E-06	1.0E-03	6.7E-09	1.6E-01	5.5E-02	5.7E-11	1.0E+00	1.3E-05
2.0E-06	1.0E-03	3.9E-09	1.6E-01	5.5E-02	3.3E-11	1.3E+00	6.2E-06	1.0E-03	8.3E-09	1.6E-01	5.5E-02	7.2E-11	1.3E+00	1.3E-05
2.0E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-02	3.9E-11	1.5E+00	6.2E-06	1.0E-03	9.9E-09	1.6E-01	5.5E-02	8.5E-11	1.5E+00	1.3E-05
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2.0E-06	1.0E-03	4.4E-09	1.6E-01	5.5E-02	3.8E-11	1.7E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.4E-11	1.7E+00	1.3E-05
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2.0E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-02	2.6E-11	1.4E+00	6.2E-06	1.0E-03	8.8E-09	1.6E-01	5.5E-02	7.6E-11	1.4E+00	1.3E-05
2.0E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.1E-11	1.1E+00	6.2E-06	1.0E-03	7.4E-09	1.6E-01	5.5E-02	6.3E-11	1.1E+00	1.3E-05
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2.0E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.3E-11	7.7E-01	6.2E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-02	4.3E-11	7.7E-01	1.3E-05

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2.0E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.1E-12	5.3E-01	6.2E-06	1.0E-03	3.4E-09	1.6E-01	5.5E-02	3.0E-11	5.3E-01	1.3E-05
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2.0E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.5E-12	4.3E-01	6.2E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-02	2.4E-11	4.3E-01	1.3E-05
2.0E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11	5.3E-01	6.2E-06	1.0E-03	3.4E-09	1.6E-01	5.5E-02	2.9E-11	5.3E-01	1.3E-05
2.0E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.5E-11	6.5E-01	6.2E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-02	3.6E-11	6.5E-01	1.3E-05
2.0E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11	8.0E-01	6.2E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-02	4.5E-11	8.0E-01	1.3E-05
2.0E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-02	2.3E-11	9.6E-01	6.2E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-02	5.4E-11	9.6E-01	1.3E-05
2.0E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-02	2.7E-11	1.1E+00	6.2E-06	1.0E-03	7.1E-09	1.6E-01	5.5E-02	6.2E-11	1.1E+00	1.3E-05
2.0E-06	1.0E-03	3.3E-09	1.6E-01	5.5E-02	2.8E-11	1.2E+00	6.2E-06	1.0E-03	7.8E-09	1.6E-01	5.5E-02	6.7E-11	1.2E+00	1.3E-05
2.0E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-02	2.7E-11	1.2E+00	6.2E-06	1.0E-03	7.9E-09	1.6E-01	5.5E-02	6.8E-11	1.2E+00	1.3E-05
2.0E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-02	2.4E-11	1.2E+00	6.2E-06	1.0E-03	7.5E-09	1.6E-01	5.5E-02	6.5E-11	1.2E+00	1.3E-05
2.0E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.0E-11	1.0E+00	6.2E-06	1.0E-03	6.6E-09	1.6E-01	5.5E-02	5.7E-11	1.0E+00	1.3E-05
2.0E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-02	1.7E-11	9.0E-01	6.2E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-02	5.1E-11	9.0E-01	1.3E-05
2.0E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.4E-11	7.8E-01	6.2E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-02	4.3E-11	7.8E-01	1.3E-05
2.0E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11	6.4E-01	6.2E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-02	3.6E-11	6.4E-01	1.3E-05
2.0E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11	5.7E-01	6.2E-06	1.0E-03	3.7E-09	1.6E-01	5.5E-02	3.2E-11	5.7E-01	1.3E-05
2.0E-06	1.0E-03	9.8E-10	1.6E-01	5.5E-02	8.5E-12	4.9E-01	6.2E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-02	2.7E-11	4.9E-01	1.3E-05
2.0E-06	1.0E-03	7.9E-10	1.6E-01	5.5E-02	6.8E-12	3.2E-01	6.2E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11	3.2E-01	1.3E-05
2.0E-06	1.0E-03	9.4E-10	1.6E-01	5.5E-02	8.1E-12	3.7E-01	6.2E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.1E-11	3.7E-01	1.3E-05
2.0E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	9.9E-12	4.5E-01	6.2E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-02	2.5E-11	4.5E-01	1.3E-05
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2.0E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11	9.2E-01	6.2E-06	1.0E-03	6.0E-09	1.6E-01	5.5E-02	5.1E-11	9.2E-01	1.3E-05
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2.0E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-02	1.7E-11	8.4E-01	6.2E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-02	4.7E-11	8.4E-01	1.3E-05
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2.0E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11	5.6E-01	6.2E-06	1.0E-03	3.6E-09	1.6E-01	5.5E-02	3.1E-11	5.6E-01	1.3E-05
2.0E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	8.6E-12	4.9E-01	6.2E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-02	2.7E-11	4.9E-01	1.3E-05
2.0E-06	1.0E-03	9.1E-10	1.6E-01	5.5E-02	7.8E-12	4.5E-01	6.2E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-02	2.5E-11	4.5E-01	1.3E-05
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2.0E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11	5.9E-01	6.2E-06	1.0E-03	3.8E-09	1.6E-01	5.5E-02	3.3E-11	5.9E-01	1.3E-05
2.0E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.5E-11	6.6E-01	6.2E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-02	3.7E-11	6.6E-01	1.3E-05
2.0E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.5E-11	7.0E-01	6.2E-06	1.0E-03	4.6E-09	1.6E-01	5.5E-02	3.9E-11	7.0E-01	1.3E-05
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2.0E-06	1.0E-03	7.8E-10	1.6E-01	5.5E-02	6.8E-12	3.8E-01	6.2E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-02	2.1E-11	3.8E-01	1.3E-05
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2.0E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11	5.8E-01	6.2E-06	1.0E-03	3.8E-09	1.6E-01	5.5E-02	3.2E-11	5.8E-01	1.3E-05
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2.0E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11	5.3E-01	6.2E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-02	3.0E-11	5.3E-01	1.3E-05
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2.0E-06	1.0E-03	9.9E-10	1.6E-01	5.5E-02	8.5E-12	4.5E-01	6.2E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-02	2.5E-11	4.5E-01	1.3E-05
2.0E-06	1.0E-03	8.6E-10	1.6E-01	5.5E-02	7.4E-12	4.0E-01	6.2E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-02	2.3E-11	4.0E-01	1.3E-05
2.0E-06	1.0E-03	7.1E-10	1.6E-01	5.5E-02	6.2E-12	3.4E-01	6.2E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11	3.4E-01	1.3E-05
2.0E-06	1.0E-03	5.3E-10	1.6E-01	5.5E-02	4.6E-12	2.2E-01	6.2E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11	2.2E-01	1.3E-05
2.0E-06	1.0E-03	6.1E-10	1.6E-01	5.5E-02	5.2E-12	2.5E-01	6.2E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.4E-11	2.5E-01	1.3E-05
2.0E-06	1.0E-03	7.0E-10	1.6E-01	5.5E-02	6.0E-12	2.9E-01	6.2E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-02	1.6E-11	2.9E-01	1.3E-05
2.0E-06	1.0E-03	8.0E-10	1.6E-01	5.5E-02	6.9E-12	3.3E-01	6.2E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11	3.3E-01	1.3E-05
2.0E-06	1.0E-03	9.0E-10	1.6E-01	5.5E-02	7.8E-12	3.7E-01	6.2E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.0E-11	3.7E-01	1.3E-05
2.0E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	8.6E-12	4.0E-01	6.2E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-02	2.3E-11	4.0E-01	1.3E-05
2.0E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.3E-12	4.4E-01	6.2E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-02	2.4E-11	4.4E-01	1.3E-05
2.0E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.7E-12	4.6E-01	6.2E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-02	2.6E-11	4.6E-01	1.3E-05
2.0E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.9E-12	4.8E-01	6.2E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-02	2.7E-11	4.8E-01	1.3E-05
2.0E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.7E-12	4.8E-01	6.2E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-02	2.7E-11	4.8E-01	1.3E-05
2.0E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.4E-12	4.7E-01	6.2E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-02	2.6E-11	4.7E-01	1.3E-05
2.0E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	8.8E-12	4.5E-01	6.2E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-02	2.5E-11	4.5E-01	1.3E-05
2.0E-06	1.0E-03	9.5E-10	1.6E-01	5.5E-02	8.2E-12	4.3E-01	6.2E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-02	2.4E-11	4.3E-01	1.3E-05
2.0E-06	1.0E-03	8.7E-10	1.6E-01	5.5E-02	7.5E-12	4.0E-01	6.2E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-02	2.2E-11	4.0E-01	1.3E-05
2.0E-06	1.0E-03	7.8E-10	1.6E-01	5.5E-02	6.7E-12	3.6E-01	6.2E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11	3.6E-01	1.3E-05
2.0E-06	1.0E-03	6.6E-10	1.6E-01	5.5E-02	5.7E-12	3.1E-01	6.2E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-02	1.7E-11	3.1E-01	1.3E-05
2.0E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	1.4E+01	6.2E-06	1.0E-03	9.2E-08	1.6E-01	5.5E-02	7.9E-10	1.4E+01	1.3E-05
2.0E-06	1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.5E-10	1.8E+01	6.2E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09	1.8E+01	1.3E-05
2.0E-06	1.0E-03	3.3E-08	1.6E-01	5.5E-02	2.9E-10	2.4E+01	6.2E-06	1.0E-03	1.6E-07	1.6E-01	5.5E-02	1.3E-09	2.4E+01	1.3E-05
2.0E-06	1.0E-03	3.9E-08	1.6E-01	5.5E-02	3.3E-10	3.2E+01	6.2E-06	1.0E-03	2.1E-07	1.6E-01	5.5E-02	1.8E-09	3.2E+01	1.3E-05
2.0E-06	1.0E-03	4.4E-08	1.6E-01	5.5E-02	3.8E-10	4.2E+01	6.2E-06	1.0E-03	2.8E-07	1.6E-01	5.5E-02	2.4E-09	4.2E+01	1.3E-05
2.0E-06	1.0E-03	4.8E-08	1.6E-01	5.5E-02	4.2E-10	5.4E+01	6.2E-06	1.0E-03	3.5E-07	1.6E-01	5.5E-02	3.0E-09	5.4E+01	1.3E-05
2.0E-06	1.0E-03	5.1E-08	1.6E-01	5.5E-02	4.4E-10	6.3E+01	6.2E-06	1.0E-03	4.1E-07	1.6E-01	5.5E-02	3.5E-09	6.3E+01	1.3E-05
2.0E-06	1.0E-03	5.0E-08	1.6E-01	5.5E-02	4.3E-10	6.8E+01	6.2E-06	1.0E-03	4.4E-07	1.6E-01	5.5E-02	3.8E-09	6.8E+01	1.3E-05
2.0E-06	1.0E-03	4.8E-08	1.6E-01	5.5E-02	4.1E-10	7.0E+01	6.2E-06	1.0E-03	4.5E-07	1.6E-01	5.5E-02	3.9E-09	7.0E+01	1.3E-05
2.0E-06	1.0E-03	4.5E-08	1.6E-01	5.5E-02	3.9E-10	6.8E+01	6.2E-06	1.0E-03	4.4E-07	1.6E-01	5.5E-02	3.8E-09	6.8E+01	1.3E-05
2.0E-06	1.0E-03	4.1E-08	1.6E-01	5.5E-02	3.5E-10	6.1E+01	6.2E-06	1.0E-03	3.9E-07	1.6E-01	5.5E-02	3.4E-09	6.1E+01	1.3E-05
2.0E-06	1.0E-03	3.7E-08	1.6E-01	5.5E-02	3.2E-10	5.1E+01	6.2E-06	1.0E-03	3.3E-07	1.6E-01	5.5E-02	2.9E-09	5.1E+01	1.3E-05
2.0E-06	1.0E-03	3.4E-08	1.6E-01	5.5E-02	2.9E-10	4.2E+01	6.2E-06	1.0E-03	2.7E-07	1.6E-01	5.5E-02	2.4E-09	4.2E+01	1.3E-05
2.0E-06	1.0E-03	3.1E-08	1.6E-01	5.5E-02	2.6E-10	3.5E+01	6.2E-06	1.0E-03	2.2E-07	1.6E-01	5.5E-02	1.9E-09	3.5E+01	1.3E-05
2.0E-06	1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.4E-10	2.9E+01	6.2E-06	1.0E-03	1.9E-07	1.6E-01	5.5E-02	1.6E-09	2.9E+01	1.3E-05
2.0E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.2E-10	2.4E+01	6.2E-06	1.0E-03	1.5E-07	1.6E-01	5.5E-02	1.3E-09	2.4E+01	1.3E-05

2.0E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-02	1.9E-10	2.0E+01	6.2E-06	1.0E-03	1.3E-07	1.6E-01	5.5E-02	1.1E-09	2.0E+01	1.3E-05
2.0E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.8E-10	1.7E+01	6.2E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.5E-10	1.7E+01	1.3E-05
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2.0E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.4E-10	1.3E+01	6.2E-06	1.0E-03	8.2E-08	1.6E-01	5.5E-02	7.0E-10	1.3E+01	1.3E-05
2.0E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	1.1E+01	6.2E-06	1.0E-03	7.1E-08	1.6E-01	5.5E-02	6.1E-10	1.1E+01	1.3E-05
2.0E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	9.6E+00	6.2E-06	1.0E-03	6.2E-08	1.6E-01	5.5E-02	5.3E-10	9.6E+00	1.3E-05
2.0E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	8.5E+00	6.2E-06	1.0E-03	5.5E-08	1.6E-01	5.5E-02	4.7E-10	8.5E+00	1.3E-05
2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	9.9E-11	7.5E+00	6.2E-06	1.0E-03	4.9E-08	1.6E-01	5.5E-02	4.2E-10	7.5E+00	1.3E-05
2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.1E-11	6.7E+00	6.2E-06	1.0E-03	4.4E-08	1.6E-01	5.5E-02	3.7E-10	6.7E+00	1.3E-05
2.0E-06	1.0E-03	9.7E-09	1.6E-01	5.5E-02	8.4E-11	6.0E+00	6.2E-06	1.0E-03	3.9E-08	1.6E-01	5.5E-02	3.4E-10	6.0E+00	1.3E-05
2.0E-06	1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.5E-10	1.6E+01	6.2E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.0E-10	1.6E+01	1.3E-05
2.0E-06	1.0E-03	3.6E-08	1.6E-01	5.5E-02	3.1E-10	2.2E+01	6.2E-06	1.0E-03	1.4E-07	1.6E-01	5.5E-02	1.2E-09	2.2E+01	1.3E-05
2.0E-06	1.0E-03	4.4E-08	1.6E-01	5.5E-02	3.8E-10	3.0E+01	6.2E-06	1.0E-03	2.0E-07	1.6E-01	5.5E-02	1.7E-09	3.0E+01	1.3E-05
2.0E-06	1.0E-03	5.4E-08	1.6E-01	5.5E-02	4.6E-10	4.3E+01	6.2E-06	1.0E-03	2.8E-07	1.6E-01	5.5E-02	2.4E-09	4.3E+01	1.3E-05
2.0E-06	1.0E-03	6.3E-08	1.6E-01	5.5E-02	5.4E-10	1.5E+01	6.2E-06	1.0E-03	9.9E-08	1.6E-01	5.5E-02	8.5E-10	1.5E+01	1.3E-05
2.0E-06	1.0E-03	7.0E-08	1.6E-01	5.5E-02	6.0E-10	2.2E+01	6.2E-06	1.0E-03	1.4E-07	1.6E-01	5.5E-02	1.2E-09	2.2E+01	1.3E-05
2.0E-06	1.0E-03	7.2E-08	1.6E-01	5.5E-02	6.2E-10	3.2E+01	6.2E-06	1.0E-03	2.1E-07	1.6E-01	5.5E-02	1.8E-09	3.2E+01	1.3E-05
2.0E-06	1.0E-03	6.9E-08	1.6E-01	5.5E-02	5.9E-10	4.6E+01	6.2E-06	1.0E-03	3.0E-07	1.6E-01	5.5E-02	2.6E-09	4.6E+01	1.3E-05
2.0E-06	1.0E-03	6.3E-08	1.6E-01	5.5E-02	5.4E-10	4.7E+01	6.2E-06	1.0E-03	3.1E-07	1.6E-01	5.5E-02	2.6E-09	4.7E+01	1.3E-05
2.0E-06	1.0E-03	5.6E-08	1.6E-01	5.5E-02	4.8E-10	3.5E+01	6.2E-06	1.0E-03	2.3E-07	1.6E-01	5.5E-02	2.0E-09	3.5E+01	1.3E-05
2.0E-06	1.0E-03	4.9E-08	1.6E-01	5.5E-02	4.3E-10	2.6E+01	6.2E-06	1.0E-03	1.7E-07	1.6E-01	5.5E-02	1.5E-09	2.6E+01	1.3E-05
2.0E-06	1.0E-03	4.4E-08	1.6E-01	5.5E-02	3.8E-10	6.8E+01	6.2E-06	1.0E-03	4.4E-07	1.6E-01	5.5E-02	3.8E-09	6.8E+01	1.3E-05
2.0E-06	1.0E-03	3.9E-08	1.6E-01	5.5E-02	3.3E-10	5.2E+01	6.2E-06	1.0E-03	3.4E-07	1.6E-01	5.5E-02	2.9E-09	5.2E+01	1.3E-05
2.0E-06	1.0E-03	3.4E-08	1.6E-01	5.5E-02	2.9E-10	4.0E+01	6.2E-06	1.0E-03	2.6E-07	1.6E-01	5.5E-02	2.2E-09	4.0E+01	1.3E-05
2.0E-06	1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.6E-10	3.2E+01	6.2E-06	1.0E-03	2.1E-07	1.6E-01	5.5E-02	1.8E-09	3.2E+01	1.3E-05
2.0E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10	2.6E+01	6.2E-06	1.0E-03	1.7E-07	1.6E-01	5.5E-02	1.4E-09	2.6E+01	1.3E-05
2.0E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	2.1E+01	6.2E-06	1.0E-03	1.4E-07	1.6E-01	5.5E-02	1.2E-09	2.1E+01	1.3E-05
2.0E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	1.8E+01	6.2E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.9E-10	1.8E+01	1.3E-05
2.0E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.7E-10	1.5E+01	6.2E-06	1.0E-03	9.7E-08	1.6E-01	5.5E-02	8.3E-10	1.5E+01	1.3E-05
2.0E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10	1.3E+01	6.2E-06	1.0E-03	8.3E-08	1.6E-01	5.5E-02	7.1E-10	1.3E+01	1.3E-05
2.0E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.3E-10	1.1E+01	6.2E-06	1.0E-03	7.1E-08	1.6E-01	5.5E-02	6.1E-10	1.1E+01	1.3E-05
2.0E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	9.6E+00	6.2E-06	1.0E-03	6.2E-08	1.6E-01	5.5E-02	5.3E-10	9.6E+00	1.3E-05
2.0E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	8.4E+00	6.2E-06	1.0E-03	5.5E-08	1.6E-01	5.5E-02	4.7E-10	8.4E+00	1.3E-05
2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	7.4E+00	6.2E-06	1.0E-03	4.8E-08	1.6E-01	5.5E-02	4.2E-10	7.4E+00	1.3E-05
2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.2E-11	6.6E+00	6.2E-06	1.0E-03	4.3E-08	1.6E-01	5.5E-02	3.7E-10	6.6E+00	1.3E-05
2.0E-06	1.0E-03	9.8E-09	1.6E-01	5.5E-02	8.4E-11	5.9E+00	6.2E-06	1.0E-03	3.8E-08	1.6E-01	5.5E-02	3.3E-10	5.9E+00	1.3E-05
2.0E-06	1.0E-03	3.6E-08	1.6E-01	5.5E-02	3.1E-10	1.8E+01	6.2E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09	1.8E+01	1.3E-05
2.0E-06	1.0E-03	4.7E-08	1.6E-01	5.5E-02	4.0E-10	2.5E+01	6.2E-06	1.0E-03	1.6E-07	1.6E-01	5.5E-02	1.4E-09	2.5E+01	1.3E-05
2.0E-06	1.0E-03	6.0E-08	1.6E-01	5.5E-02	5.2E-10	3.7E+01	6.2E-06	1.0E-03	2.4E-07	1.6E-01	5.5E-02	2.0E-09	3.7E+01	1.3E-05
2.0E-06	1.0E-03	7.8E-08	1.6E-01	5.5E-02	6.7E-10	5.7E+01	6.2E-06	1.0E-03	3.7E-07	1.6E-01	5.5E-02	3.2E-09	5.7E+01	1.3E-05
2.0E-06	1.0E-03	9.8E-08	1.6E-01	5.5E-02	8.4E-10	1.8E+01	6.2E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09	1.8E+01	1.3E-05
2.0E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.5E-10	2.7E+01	6.2E-06	1.0E-03	1.8E-07	1.6E-01	5.5E-02	1.5E-09	2.7E+01	1.3E-05
2.0E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.4E-10	4.4E+01	6.2E-06	1.0E-03	2.8E-07	1.6E-01	5.5E-02	2.4E-09	4.4E+01	1.3E-05
2.0E-06	1.0E-03	9.6E-08	1.6E-01	5.5E-02	8.3E-10	0.0E+00	6.2E-06	1.0E-03	0.0E+00	1.6E-01	5.5E-02	0.0E+00	0.0E+00	1.3E-05
2.0E-06	1.0E-03	8.2E-08	1.6E-01	5.5E-02	7.1E-10	0.0E+00	6.2E-06	1.0E-03	0.0E+00	1.6E-01	5.5E-02	0.0E+00	0.0E+00	1.3E-05
2.0E-06	1.0E-03	6.9E-08	1.6E-01	5.5E-02	6.0E-10	4.3E+01	6.2E-06	1.0E-03	2.8E-07	1.6E-01	5.5E-02	2.4E-09	4.3E+01	1.3E-05
2.0E-06	1.0E-03	5.9E-08	1.6E-01	5.5E-02	5.1E-10	3.0E+01	6.2E-06	1.0E-03	2.0E-07	1.6E-01	5.5E-02	1.7E-09	3.0E+01	1.3E-05
2.0E-06	1.0E-03	5.0E-08	1.6E-01	5.5E-02	4.3E-10	2.2E+01	6.2E-06	1.0E-03	1.5E-07	1.6E-01	5.5E-02	1.3E-09	2.2E+01	1.3E-05
2.0E-06	1.0E-03	4.3E-08	1.6E-01	5.5E-02	3.7E-10	6.1E+01	6.2E-06	1.0E-03	4.0E-07	1.6E-01	5.5E-02	3.4E-09	6.1E+01	1.3E-05

2.0E-06	1.0E-03	3.8E-08	1.6E-01	5.5E-02	3.2E-10	4.4E+01	6.2E-06	1.0E-03	2.9E-07	1.6E-01	5.5E-02	2.5E-09	4.4E+01	1.3E-05
2.0E-06	1.0E-03	3.3E-08	1.6E-01	5.5E-02	2.8E-10	3.4E+01	6.2E-06	1.0E-03	2.2E-07	1.6E-01	5.5E-02	1.9E-09	3.4E+01	1.3E-05
2.0E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-02	2.5E-10	2.7E+01	6.2E-06	1.0E-03	1.7E-07	1.6E-01	5.5E-02	1.5E-09	2.7E+01	1.3E-05
2.0E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.2E-10	2.2E+01	6.2E-06	1.0E-03	1.4E-07	1.6E-01	5.5E-02	1.2E-09	2.2E+01	1.3E-05
2.0E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	1.8E+01	6.2E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09	1.8E+01	1.3E-05
2.0E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	1.5E+01	6.2E-06	1.0E-03	9.7E-08	1.6E-01	5.5E-02	8.3E-10	1.5E+01	1.3E-05
2.0E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.5E-10	1.3E+01	6.2E-06	1.0E-03	8.2E-08	1.6E-01	5.5E-02	7.1E-10	1.3E+01	1.3E-05
2.0E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	1.1E+01	6.2E-06	1.0E-03	7.0E-08	1.6E-01	5.5E-02	6.1E-10	1.1E+01	1.3E-05
2.0E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	9.4E+00	6.2E-06	1.0E-03	6.1E-08	1.6E-01	5.5E-02	5.3E-10	9.4E+00	1.3E-05
2.0E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	8.2E+00	6.2E-06	1.0E-03	5.4E-08	1.6E-01	5.5E-02	4.6E-10	8.2E+00	1.3E-05
2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	7.3E+00	6.2E-06	1.0E-03	4.7E-08	1.6E-01	5.5E-02	4.1E-10	7.3E+00	1.3E-05
2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.2E-11	6.5E+00	6.2E-06	1.0E-03	4.2E-08	1.6E-01	5.5E-02	3.6E-10	6.5E+00	1.3E-05
2.0E-06	1.0E-03	9.8E-09	1.6E-01	5.5E-02	8.4E-11	5.8E+00	6.2E-06	1.0E-03	3.8E-08	1.6E-01	5.5E-02	3.2E-10	5.8E+00	1.3E-05
2.0E-06	1.0E-03	4.4E-08	1.6E-01	5.5E-02	3.8E-10	1.9E+01	6.2E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.1E-09	1.9E+01	1.3E-05
2.0E-06	1.0E-03	5.9E-08	1.6E-01	5.5E-02	5.1E-10	2.7E+01	6.2E-06	1.0E-03	1.8E-07	1.6E-01	5.5E-02	1.5E-09	2.7E+01	1.3E-05
2.0E-06	1.0E-03	8.2E-08	1.6E-01	5.5E-02	7.1E-10	4.1E+01	6.2E-06	1.0E-03	2.7E-07	1.6E-01	5.5E-02	2.3E-09	4.1E+01	1.3E-05
2.0E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09	1.3E+01	6.2E-06	1.0E-03	8.5E-08	1.6E-01	5.5E-02	7.3E-10	1.3E+01	1.3E-05
2.0E-06	1.0E-03	4.6E-08	1.6E-01	5.5E-02	4.0E-10	2.0E+01	6.2E-06	1.0E-03	1.3E-07	1.6E-01	5.5E-02	1.1E-09	2.0E+01	1.3E-05
2.0E-06	1.0E-03	5.1E-08	1.6E-01	5.5E-02	4.4E-10	3.1E+01	6.2E-06	1.0E-03	2.0E-07	1.6E-01	5.5E-02	1.7E-09	3.1E+01	1.3E-05
2.0E-06	1.0E-03	5.3E-08	1.6E-01	5.5E-02	4.6E-10	0.0E+00	6.2E-06	1.0E-03	0.0E+00	1.6E-01	5.5E-02	0.0E+00	0.0E+00	1.3E-05
2.0E-06	1.0E-03	1.4E-07	1.6E-01	5.5E-02	1.2E-09	0.0E+00	6.2E-06	1.0E-03	0.0E+00	1.6E-01	5.5E-02	0.0E+00	0.0E+00	1.3E-05
2.0E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.2E-10	0.0E+00	6.2E-06	1.0E-03	0.0E+00	1.6E-01	5.5E-02	0.0E+00	0.0E+00	1.3E-05
2.0E-06	1.0E-03	8.4E-08	1.6E-01	5.5E-02	7.2E-10	5.0E+01	6.2E-06	1.0E-03	3.2E-07	1.6E-01	5.5E-02	2.8E-09	5.0E+01	1.3E-05
2.0E-06	1.0E-03	6.8E-08	1.6E-01	5.5E-02	5.9E-10	3.2E+01	6.2E-06	1.0E-03	2.1E-07	1.6E-01	5.5E-02	1.8E-09	3.2E+01	1.3E-05
2.0E-06	1.0E-03	5.7E-08	1.6E-01	5.5E-02	4.9E-10	2.3E+01	6.2E-06	1.0E-03	1.5E-07	1.6E-01	5.5E-02	1.3E-09	2.3E+01	1.3E-05
2.0E-06	1.0E-03	4.8E-08	1.6E-01	5.5E-02	4.1E-10	6.8E+01	6.2E-06	1.0E-03	4.4E-07	1.6E-01	5.5E-02	3.8E-09	6.8E+01	1.3E-05
2.0E-06	1.0E-03	4.1E-08	1.6E-01	5.5E-02	3.5E-10	4.6E+01	6.2E-06	1.0E-03	3.0E-07	1.6E-01	5.5E-02	2.6E-09	4.6E+01	1.3E-05
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2.0E-06	1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.6E-10	2.7E+01	6.2E-06	1.0E-03	1.7E-07	1.6E-01	5.5E-02	1.5E-09	2.7E+01	1.3E-05
2.0E-06	1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.3E-10	2.1E+01	6.2E-06	1.0E-03	1.4E-07	1.6E-01	5.5E-02	1.2E-09	2.1E+01	1.3E-05
2.0E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	1.8E+01	6.2E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.8E-10	1.8E+01	1.3E-05
2.0E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.8E-10	1.5E+01	6.2E-06	1.0E-03	9.5E-08	1.6E-01	5.5E-02	8.2E-10	1.5E+01	1.3E-05
2.0E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.6E-10	1.2E+01	6.2E-06	1.0E-03	8.0E-08	1.6E-01	5.5E-02	6.9E-10	1.2E+01	1.3E-05
2.0E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	1.1E+01	6.2E-06	1.0E-03	6.9E-08	1.6E-01	5.5E-02	5.9E-10	1.1E+01	1.3E-05
2.0E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	9.2E+00	6.2E-06	1.0E-03	5.9E-08	1.6E-01	5.5E-02	5.1E-10	9.2E+00	1.3E-05
2.0E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	8.0E+00	6.2E-06	1.0E-03	5.2E-08	1.6E-01	5.5E-02	4.5E-10	8.0E+00	1.3E-05
2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	7.0E+00	6.2E-06	1.0E-03	4.6E-08	1.6E-01	5.5E-02	3.9E-10	7.0E+00	1.3E-05
2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.2E-11	6.3E+00	6.2E-06	1.0E-03	4.1E-08	1.6E-01	5.5E-02	3.5E-10	6.3E+00	1.3E-05
2.0E-06	1.0E-03	9.7E-09	1.6E-01	5.5E-02	8.3E-11	5.6E+00	6.2E-06	1.0E-03	3.6E-08	1.6E-01	5.5E-02	3.1E-10	5.6E+00	1.3E-05
2.0E-06	1.0E-03	5.2E-08	1.6E-01	5.5E-02	4.4E-10	1.9E+01	6.2E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.1E-09	1.9E+01	1.3E-05
2.0E-06	1.0E-03	7.3E-08	1.6E-01	5.5E-02	6.3E-10	2.7E+01	6.2E-06	1.0E-03	1.8E-07	1.6E-01	5.5E-02	1.5E-09	2.7E+01	1.3E-05
2.0E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.4E-10	4.2E+01	6.2E-06	1.0E-03	2.7E-07	1.6E-01	5.5E-02	2.3E-09	4.2E+01	1.3E-05
2.0E-06	1.0E-03	5.7E-08	1.6E-01	5.5E-02	4.9E-10	1.3E+01	6.2E-06	1.0E-03	8.6E-08	1.6E-01	5.5E-02	7.4E-10	1.3E+01	1.3E-05
2.0E-06	1.0E-03	7.0E-08	1.6E-01	5.5E-02	6.0E-10	2.0E+01	6.2E-06	1.0E-03	1.3E-07	1.6E-01	5.5E-02	1.1E-09	2.0E+01	1.3E-05
2.0E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10	2.1E+01	6.2E-06	1.0E-03	1.3E-07	1.6E-01	5.5E-02	1.1E-09	2.1E+01	1.3E-05
2.0E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.0E-10	1.7E+01	6.2E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.4E-10	1.7E+01	1.3E-05
2.0E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	1.4E+01	6.2E-06	1.0E-03	9.1E-08	1.6E-01	5.5E-02	7.8E-10	1.4E+01	1.3E-05
2.0E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.6E-10	1.2E+01	6.2E-06	1.0E-03	7.7E-08	1.6E-01	5.5E-02	6.6E-10	1.2E+01	1.3E-05
2.0E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	1.0E+01	6.2E-06	1.0E-03	6.6E-08	1.6E-01	5.5E-02	5.7E-10	1.0E+01	1.3E-05

2.0E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	8.8E+00	6.2E-06	1.0E-03	5.7E-08	1.6E-01	5.5E-02	4.9E-10	8.8E+00	1.3E-05
2.0E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	7.7E+00	6.2E-06	1.0E-03	5.0E-08	1.6E-01	5.5E-02	4.3E-10	7.7E+00	1.3E-05
2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	6.8E+00	6.2E-06	1.0E-03	4.4E-08	1.6E-01	5.5E-02	3.8E-10	6.8E+00	1.3E-05
2.0E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	9.0E-11	6.0E+00	6.2E-06	1.0E-03	3.9E-08	1.6E-01	5.5E-02	3.4E-10	6.0E+00	1.3E-05
2.0E-06	1.0E-03	9.5E-09	1.6E-01	5.5E-02	8.2E-11	5.4E+00	6.2E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-02	3.0E-10	5.4E+00	1.3E-05
2.0E-06	1.0E-03	5.9E-08	1.6E-01	5.5E-02	5.0E-10	1.8E+01	6.2E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09	1.8E+01	1.3E-05
2.0E-06	1.0E-03	8.5E-08	1.6E-01	5.5E-02	7.3E-10	2.6E+01	6.2E-06	1.0E-03	1.7E-07	1.6E-01	5.5E-02	1.4E-09	2.6E+01	1.3E-05
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2.0E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09	1.8E+01	6.2E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09	1.8E+01	1.3E-05
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2.0E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.0E-10	1.6E+01	6.2E-06	1.0E-03	1.0E-07	1.6E-01	5.5E-02	8.8E-10	1.6E+01	1.3E-05
2.0E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.8E-10	1.3E+01	6.2E-06	1.0E-03	8.5E-08	1.6E-01	5.5E-02	7.4E-10	1.3E+01	1.3E-05
2.0E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.5E-10	1.1E+01	6.2E-06	1.0E-03	7.2E-08	1.6E-01	5.5E-02	6.2E-10	1.1E+01	1.3E-05
2.0E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	9.6E+00	6.2E-06	1.0E-03	6.2E-08	1.6E-01	5.5E-02	5.4E-10	9.6E+00	1.3E-05
2.0E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	8.3E+00	6.2E-06	1.0E-03	5.4E-08	1.6E-01	5.5E-02	4.6E-10	8.3E+00	1.3E-05
2.0E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	7.3E+00	6.2E-06	1.0E-03	4.7E-08	1.6E-01	5.5E-02	4.1E-10	7.3E+00	1.3E-05
2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.8E-11	6.4E+00	6.2E-06	1.0E-03	4.2E-08	1.6E-01	5.5E-02	3.6E-10	6.4E+00	1.3E-05
2.0E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.8E-11	5.7E+00	6.2E-06	1.0E-03	3.7E-08	1.6E-01	5.5E-02	3.2E-10	5.7E+00	1.3E-05
2.0E-06	1.0E-03	9.3E-09	1.6E-01	5.5E-02	8.0E-11	5.1E+00	6.2E-06	1.0E-03	3.3E-08	1.6E-01	5.5E-02	2.9E-10	5.1E+00	1.3E-05
2.0E-06	1.0E-03	6.4E-08	1.6E-01	5.5E-02	5.5E-10	1.6E+01	6.2E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.2E-10	1.6E+01	1.3E-05
2.0E-06	1.0E-03	9.3E-08	1.6E-01	5.5E-02	8.0E-10	2.2E+01	6.2E-06	1.0E-03	1.4E-07	1.6E-01	5.5E-02	1.2E-09	2.2E+01	1.3E-05
2.0E-06	1.0E-03	1.5E-07	1.6E-01	5.5E-02	1.3E-09	3.1E+01	6.2E-06	1.0E-03	2.0E-07	1.6E-01	5.5E-02	1.7E-09	3.1E+01	1.3E-05
2.0E-06	1.0E-03	3.4E-08	1.6E-01	5.5E-02	2.9E-10	4.5E+01	6.2E-06	1.0E-03	2.9E-07	1.6E-01	5.5E-02	2.5E-09	4.5E+01	1.3E-05
2.0E-06	1.0E-03	4.2E-08	1.6E-01	5.5E-02	3.6E-10	1.5E+01	6.2E-06	1.0E-03	9.9E-08	1.6E-01	5.5E-02	8.6E-10	1.5E+01	1.3E-05
2.0E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10	1.7E+01	6.2E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.7E-10	1.7E+01	1.3E-05
2.0E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	1.4E+01	6.2E-06	1.0E-03	9.3E-08	1.6E-01	5.5E-02	8.0E-10	1.4E+01	1.3E-05
2.0E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	1.2E+01	6.2E-06	1.0E-03	7.9E-08	1.6E-01	5.5E-02	6.8E-10	1.2E+01	1.3E-05
2.0E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.5E-10	1.0E+01	6.2E-06	1.0E-03	6.7E-08	1.6E-01	5.5E-02	5.8E-10	1.0E+01	1.3E-05
2.0E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.3E-10	9.0E+00	6.2E-06	1.0E-03	5.8E-08	1.6E-01	5.5E-02	5.0E-10	9.0E+00	1.3E-05
2.0E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	7.8E+00	6.2E-06	1.0E-03	5.1E-08	1.6E-01	5.5E-02	4.4E-10	7.8E+00	1.3E-05
2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.1E-10	6.9E+00	6.2E-06	1.0E-03	4.5E-08	1.6E-01	5.5E-02	3.8E-10	6.9E+00	1.3E-05
2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.5E-11	6.1E+00	6.2E-06	1.0E-03	3.9E-08	1.6E-01	5.5E-02	3.4E-10	6.1E+00	1.3E-05
2.0E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.6E-11	5.4E+00	6.2E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-02	3.0E-10	5.4E+00	1.3E-05
2.0E-06	1.0E-03	9.1E-09	1.6E-01	5.5E-02	7.8E-11	4.9E+00	6.2E-06	1.0E-03	3.1E-08	1.6E-01	5.5E-02	2.7E-10	4.9E+00	1.3E-05
2.0E-06	1.0E-03	6.6E-08	1.6E-01	5.5E-02	5.7E-10	1.5E+01	6.2E-06	1.0E-03	9.4E-08	1.6E-01	5.5E-02	8.1E-10	1.5E+01	1.3E-05
2.0E-06	1.0E-03	9.7E-08	1.6E-01	5.5E-02	8.4E-10	1.9E+01	6.2E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09	1.9E+01	1.3E-05
2.0E-06	1.0E-03	1.5E-07	1.6E-01	5.5E-02	1.3E-09	2.5E+01	6.2E-06	1.0E-03	1.6E-07	1.6E-01	5.5E-02	1.4E-09	2.5E+01	1.3E-05
2.0E-06	1.0E-03	1.3E-07	1.6E-01	5.5E-02	1.1E-09	3.3E+01	6.2E-06	1.0E-03	2.1E-07	1.6E-01	5.5E-02	1.8E-09	3.3E+01	1.3E-05
2.0E-06	1.0E-03	6.9E-08	1.6E-01	5.5E-02	6.0E-10	4.4E+01	6.2E-06	1.0E-03	2.8E-07	1.6E-01	5.5E-02	2.4E-09	4.4E+01	1.3E-05
2.0E-06	1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.3E-10	1.5E+01	6.2E-06	1.0E-03	9.9E-08	1.6E-01	5.5E-02	8.6E-10	1.5E+01	1.3E-05
2.0E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-02	1.9E-10	1.3E+01	6.2E-06	1.0E-03	8.4E-08	1.6E-01	5.5E-02	7.3E-10	1.3E+01	1.3E-05
2.0E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	1.1E+01	6.2E-06	1.0E-03	7.2E-08	1.6E-01	5.5E-02	6.2E-10	1.1E+01	1.3E-05
2.0E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10	9.6E+00	6.2E-06	1.0E-03	6.2E-08	1.6E-01	5.5E-02	5.3E-10	9.6E+00	1.3E-05
2.0E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	8.3E+00	6.2E-06	1.0E-03	5.4E-08	1.6E-01	5.5E-02	4.6E-10	8.3E+00	1.3E-05
2.0E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.2E-10	7.3E+00	6.2E-06	1.0E-03	4.7E-08	1.6E-01	5.5E-02	4.1E-10	7.3E+00	1.3E-05
2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	6.4E+00	6.2E-06	1.0E-03	4.2E-08	1.6E-01	5.5E-02	3.6E-10	6.4E+00	1.3E-05
2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.2E-11	5.7E+00	6.2E-06	1.0E-03	3.7E-08	1.6E-01	5.5E-02	3.2E-10	5.7E+00	1.3E-05
2.0E-06	1.0E-03	9.6E-09	1.6E-01	5.5E-02	8.3E-11	5.1E+00	6.2E-06	1.0E-03	3.3E-08	1.6E-01	5.5E-02	2.8E-10	5.1E+00	1.3E-05

2.0E-06	1.0E-03	8.7E-09	1.6E-01	5.5E-02	7.5E-11	4.6E+00	6.2E-06	1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.6E-10	4.6E+00	1.3E-05
2.0E-06	1.0E-03	6.6E-08	1.6E-01	5.5E-02	5.6E-10	1.3E+01	6.2E-06	1.0E-03	8.1E-08	1.6E-01	5.5E-02	7.0E-10	1.3E+01	1.3E-05
2.0E-06	1.0E-03	9.7E-08	1.6E-01	5.5E-02	8.3E-10	1.6E+01	6.2E-06	1.0E-03	1.0E-07	1.6E-01	5.5E-02	8.7E-10	1.6E+01	1.3E-05
2.0E-06	1.0E-03	1.5E-07	1.6E-01	5.5E-02	1.3E-09	2.0E+01	6.2E-06	1.0E-03	1.3E-07	1.6E-01	5.5E-02	1.1E-09	2.0E+01	1.3E-05
2.0E-06	1.0E-03	1.3E-07	1.6E-01	5.5E-02	1.1E-09	2.4E+01	6.2E-06	1.0E-03	1.6E-07	1.6E-01	5.5E-02	1.4E-09	2.4E+01	1.3E-05
2.0E-06	1.0E-03	6.1E-08	1.6E-01	5.5E-02	5.3E-10	3.0E+01	6.2E-06	1.0E-03	2.0E-07	1.6E-01	5.5E-02	1.7E-09	3.0E+01	1.3E-05
2.0E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.2E-10	1.3E+01	6.2E-06	1.0E-03	8.7E-08	1.6E-01	5.5E-02	7.5E-10	1.3E+01	1.3E-05
2.0E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	1.2E+01	6.2E-06	1.0E-03	7.5E-08	1.6E-01	5.5E-02	6.5E-10	1.2E+01	1.3E-05
2.0E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.6E-10	1.0E+01	6.2E-06	1.0E-03	6.5E-08	1.6E-01	5.5E-02	5.6E-10	1.0E+01	1.3E-05
2.0E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	8.7E+00	6.2E-06	1.0E-03	5.7E-08	1.6E-01	5.5E-02	4.9E-10	8.7E+00	1.3E-05
2.0E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	7.7E+00	6.2E-06	1.0E-03	5.0E-08	1.6E-01	5.5E-02	4.3E-10	7.7E+00	1.3E-05
2.0E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	6.8E+00	6.2E-06	1.0E-03	4.4E-08	1.6E-01	5.5E-02	3.8E-10	6.8E+00	1.3E-05
2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.9E-11	6.0E+00	6.2E-06	1.0E-03	3.9E-08	1.6E-01	5.5E-02	3.4E-10	6.0E+00	1.3E-05
2.0E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.9E-11	5.3E+00	6.2E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-02	3.0E-10	5.3E+00	1.3E-05
2.0E-06	1.0E-03	9.3E-09	1.6E-01	5.5E-02	8.0E-11	4.8E+00	6.2E-06	1.0E-03	3.1E-08	1.6E-01	5.5E-02	2.7E-10	4.8E+00	1.3E-05
2.0E-06	1.0E-03	8.4E-09	1.6E-01	5.5E-02	7.2E-11	4.3E+00	6.2E-06	1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.4E-10	4.3E+00	1.3E-05
2.0E-06	1.0E-03	6.2E-08	1.6E-01	5.5E-02	5.4E-10	1.1E+01	6.2E-06	1.0E-03	6.9E-08	1.6E-01	5.5E-02	6.0E-10	1.1E+01	1.3E-05
2.0E-06	1.0E-03	9.2E-08	1.6E-01	5.5E-02	7.9E-10	1.3E+01	6.2E-06	1.0E-03	8.4E-08	1.6E-01	5.5E-02	7.2E-10	1.3E+01	1.3E-05
2.0E-06	1.0E-03	1.4E-07	1.6E-01	5.5E-02	1.2E-09	1.6E+01	6.2E-06	1.0E-03	1.0E-07	1.6E-01	5.5E-02	8.8E-10	1.6E+01	1.3E-05
2.0E-06	1.0E-03	3.1E-08	1.6E-01	5.5E-02	2.7E-10	1.9E+01	6.2E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.1E-09	1.9E+01	1.3E-05
2.0E-06	1.0E-03	3.6E-08	1.6E-01	5.5E-02	3.1E-10	2.2E+01	6.2E-06	1.0E-03	1.5E-07	1.6E-01	5.5E-02	1.3E-09	2.2E+01	1.3E-05
2.0E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.0E-10	1.2E+01	6.2E-06	1.0E-03	7.6E-08	1.6E-01	5.5E-02	6.6E-10	1.2E+01	1.3E-05
2.0E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	1.0E+01	6.2E-06	1.0E-03	6.7E-08	1.6E-01	5.5E-02	5.8E-10	1.0E+01	1.3E-05
2.0E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.5E-10	9.0E+00	6.2E-06	1.0E-03	5.9E-08	1.6E-01	5.5E-02	5.0E-10	9.0E+00	1.3E-05
2.0E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.3E-10	7.9E+00	6.2E-06	1.0E-03	5.2E-08	1.6E-01	5.5E-02	4.4E-10	7.9E+00	1.3E-05
2.0E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	7.0E+00	6.2E-06	1.0E-03	4.6E-08	1.6E-01	5.5E-02	3.9E-10	7.0E+00	1.3E-05
2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.1E-10	6.2E+00	6.2E-06	1.0E-03	4.1E-08	1.6E-01	5.5E-02	3.5E-10	6.2E+00	1.3E-05
2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.4E-11	5.6E+00	6.2E-06	1.0E-03	3.6E-08	1.6E-01	5.5E-02	3.1E-10	5.6E+00	1.3E-05
2.0E-06	1.0E-03	9.9E-09	1.6E-01	5.5E-02	8.5E-11	5.0E+00	6.2E-06	1.0E-03	3.3E-08	1.6E-01	5.5E-02	2.8E-10	5.0E+00	1.3E-05
2.0E-06	1.0E-03	8.9E-09	1.6E-01	5.5E-02	7.6E-11	4.5E+00	6.2E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-02	2.5E-10	4.5E+00	1.3E-05
2.0E-06	1.0E-03	8.1E-09	1.6E-01	5.5E-02	6.9E-11	4.1E+00	6.2E-06	1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.3E-10	4.1E+00	1.3E-05
2.0E-06	1.0E-03	5.7E-08	1.6E-01	5.5E-02	4.9E-10	9.1E+00	6.2E-06	1.0E-03	5.9E-08	1.6E-01	5.5E-02	5.1E-10	9.1E+00	1.3E-05
2.0E-06	1.0E-03	8.2E-08	1.6E-01	5.5E-02	7.0E-10	1.1E+01	6.2E-06	1.0E-03	6.9E-08	1.6E-01	5.5E-02	6.0E-10	1.1E+01	1.3E-05
2.0E-06	1.0E-03	1.3E-07	1.6E-01	5.5E-02	1.1E-09	1.3E+01	6.2E-06	1.0E-03	8.2E-08	1.6E-01	5.5E-02	7.0E-10	1.3E+01	1.3E-05
2.0E-06	1.0E-03	8.0E-08	1.6E-01	5.5E-02	6.9E-10	1.5E+01	6.2E-06	1.0E-03	9.6E-08	1.6E-01	5.5E-02	8.3E-10	1.5E+01	1.3E-05
2.0E-06	1.0E-03	1.0E-07	1.6E-01	5.5E-02	8.9E-10	1.7E+01	6.2E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.7E-10	1.7E+01	1.3E-05
2.0E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	1.0E+01	6.2E-06	1.0E-03	6.7E-08	1.6E-01	5.5E-02	5.8E-10	1.0E+01	1.3E-05
2.0E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.7E-10	9.1E+00	6.2E-06	1.0E-03	5.9E-08	1.6E-01	5.5E-02	5.1E-10	9.1E+00	1.3E-05
2.0E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.4E-10	8.1E+00	6.2E-06	1.0E-03	5.3E-08	1.6E-01	5.5E-02	4.5E-10	8.1E+00	1.3E-05
2.0E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	7.2E+00	6.2E-06	1.0E-03	4.7E-08	1.6E-01	5.5E-02	4.0E-10	7.2E+00	1.3E-05
2.0E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	6.4E+00	6.2E-06	1.0E-03	4.2E-08	1.6E-01	5.5E-02	3.6E-10	6.4E+00	1.3E-05
2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	5.8E+00	6.2E-06	1.0E-03	3.7E-08	1.6E-01	5.5E-02	3.2E-10	5.8E+00	1.3E-05
2.0E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	9.0E-11	5.2E+00	6.2E-06	1.0E-03	3.4E-08	1.6E-01	5.5E-02	2.9E-10	5.2E+00	1.3E-05
2.0E-06	1.0E-03	9.4E-09	1.6E-01	5.5E-02	8.1E-11	4.7E+00	6.2E-06	1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.6E-10	4.7E+00	1.3E-05
2.0E-06	1.0E-03	8.5E-09	1.6E-01	5.5E-02	7.3E-11	4.2E+00	6.2E-06	1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.4E-10	4.2E+00	1.3E-05
2.0E-06	1.0E-03	7.7E-09	1.6E-01	5.5E-02	6.6E-11	3.9E+00	6.2E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.2E-10	3.9E+00	1.3E-05
2.0E-06	1.0E-03	4.9E-08	1.6E-01	5.5E-02	4.2E-10	7.8E+00	6.2E-06	1.0E-03	5.0E-08	1.6E-01	5.5E-02	4.3E-10	7.8E+00	1.3E-05
2.0E-06	1.0E-03	6.9E-08	1.6E-01	5.5E-02	6.0E-10	9.0E+00	6.2E-06	1.0E-03	5.8E-08	1.6E-01	5.5E-02	5.0E-10	9.0E+00	1.3E-05
2.0E-06	1.0E-03	1.0E-07	1.6E-01	5.5E-02	8.8E-10	1.0E+01	6.2E-06	1.0E-03	6.7E-08	1.6E-01	5.5E-02	5.8E-10	1.0E+01	1.3E-05

2.0E-06	1.0E-03	5.3E-08	1.6E-01	5.5E-02	4.6E-10	1.2E+01	6.2E-06	1.0E-03	7.8E-08	1.6E-01	5.5E-02	6.7E-10	1.2E+01	1.3E-05
2.0E-06	1.0E-03	6.3E-08	1.6E-01	5.5E-02	5.4E-10	1.4E+01	6.2E-06	1.0E-03	8.9E-08	1.6E-01	5.5E-02	7.7E-10	1.4E+01	1.3E-05
2.0E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.8E-10	9.1E+00	6.2E-06	1.0E-03	5.9E-08	1.6E-01	5.5E-02	5.1E-10	9.1E+00	1.3E-05
2.0E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.5E-10	8.1E+00	6.2E-06	1.0E-03	5.3E-08	1.6E-01	5.5E-02	4.6E-10	8.1E+00	1.3E-05
2.0E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.3E-10	7.3E+00	6.2E-06	1.0E-03	4.7E-08	1.6E-01	5.5E-02	4.1E-10	7.3E+00	1.3E-05
2.0E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	6.6E+00	6.2E-06	1.0E-03	4.3E-08	1.6E-01	5.5E-02	3.7E-10	6.6E+00	1.3E-05
2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.1E-10	5.9E+00	6.2E-06	1.0E-03	3.8E-08	1.6E-01	5.5E-02	3.3E-10	5.9E+00	1.3E-05
2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.5E-11	5.3E+00	6.2E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-02	3.0E-10	5.3E+00	1.3E-05
2.0E-06	1.0E-03	9.9E-09	1.6E-01	5.5E-02	8.5E-11	4.8E+00	6.2E-06	1.0E-03	3.1E-08	1.6E-01	5.5E-02	2.7E-10	4.8E+00	1.3E-05
2.0E-06	1.0E-03	8.9E-09	1.6E-01	5.5E-02	7.7E-11	4.4E+00	6.2E-06	1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.5E-10	4.4E+00	1.3E-05
2.0E-06	1.0E-03	8.1E-09	1.6E-01	5.5E-02	7.0E-11	4.0E+00	6.2E-06	1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.2E-10	4.0E+00	1.3E-05
2.0E-06	1.0E-03	7.4E-09	1.6E-01	5.5E-02	6.3E-11	3.6E+00	6.2E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.0E-10	3.6E+00	1.3E-05
2.0E-06	1.0E-03	4.2E-08	1.6E-01	5.5E-02	3.6E-10	6.7E+00	6.2E-06	1.0E-03	4.4E-08	1.6E-01	5.5E-02	3.8E-10	6.7E+00	1.3E-05
2.0E-06	1.0E-03	5.6E-08	1.6E-01	5.5E-02	4.8E-10	7.7E+00	6.2E-06	1.0E-03	5.0E-08	1.6E-01	5.5E-02	4.3E-10	7.7E+00	1.3E-05
2.0E-06	1.0E-03	7.8E-08	1.6E-01	5.5E-02	6.7E-10	8.8E+00	6.2E-06	1.0E-03	5.7E-08	1.6E-01	5.5E-02	4.9E-10	8.8E+00	1.3E-05
2.0E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.4E-10	1.0E+01	6.2E-06	1.0E-03	6.5E-08	1.6E-01	5.5E-02	5.6E-10	1.0E+01	1.3E-05
2.0E-06	1.0E-03	4.2E-08	1.6E-01	5.5E-02	3.6E-10	1.1E+01	6.2E-06	1.0E-03	7.2E-08	1.6E-01	5.5E-02	6.2E-10	1.1E+01	1.3E-05
2.0E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.6E-10	8.0E+00	6.2E-06	1.0E-03	5.2E-08	1.6E-01	5.5E-02	4.5E-10	8.0E+00	1.3E-05
2.0E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	7.3E+00	6.2E-06	1.0E-03	4.7E-08	1.6E-01	5.5E-02	4.1E-10	7.3E+00	1.3E-05
2.0E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.2E-10	6.6E+00	6.2E-06	1.0E-03	4.3E-08	1.6E-01	5.5E-02	3.7E-10	6.6E+00	1.3E-05
2.0E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	6.0E+00	6.2E-06	1.0E-03	3.9E-08	1.6E-01	5.5E-02	3.3E-10	6.0E+00	1.3E-05
2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	9.9E-11	5.4E+00	6.2E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-02	3.0E-10	5.4E+00	1.3E-05
2.0E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.9E-11	4.9E+00	6.2E-06	1.0E-03	3.2E-08	1.6E-01	5.5E-02	2.8E-10	4.9E+00	1.3E-05
2.0E-06	1.0E-03	9.3E-09	1.6E-01	5.5E-02	8.0E-11	4.5E+00	6.2E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-02	2.5E-10	4.5E+00	1.3E-05
2.0E-06	1.0E-03	8.4E-09	1.6E-01	5.5E-02	7.3E-11	4.1E+00	6.2E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10	4.1E+00	1.3E-05
2.0E-06	1.0E-03	7.7E-09	1.6E-01	5.5E-02	6.6E-11	3.8E+00	6.2E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	3.8E+00	1.3E-05
2.0E-06	1.0E-03	7.0E-09	1.6E-01	5.5E-02	6.0E-11	3.4E+00	6.2E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	3.4E+00	1.3E-05
2.0E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-02	3.0E-10	5.9E+00	6.2E-06	1.0E-03	3.8E-08	1.6E-01	5.5E-02	3.3E-10	5.9E+00	1.3E-05
2.0E-06	1.0E-03	4.4E-08	1.6E-01	5.5E-02	3.8E-10	6.6E+00	6.2E-06	1.0E-03	4.3E-08	1.6E-01	5.5E-02	3.7E-10	6.6E+00	1.3E-05
2.0E-06	1.0E-03	5.7E-08	1.6E-01	5.5E-02	4.9E-10	7.4E+00	6.2E-06	1.0E-03	4.8E-08	1.6E-01	5.5E-02	4.1E-10	7.4E+00	1.3E-05
2.0E-06	1.0E-03	7.3E-08	1.6E-01	5.5E-02	6.3E-10	8.3E+00	6.2E-06	1.0E-03	5.4E-08	1.6E-01	5.5E-02	4.6E-10	8.3E+00	1.3E-05
2.0E-06	1.0E-03	8.7E-08	1.6E-01	5.5E-02	7.5E-10	9.2E+00	6.2E-06	1.0E-03	6.0E-08	1.6E-01	5.5E-02	5.1E-10	9.2E+00	1.3E-05
2.0E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10	7.1E+00	6.2E-06	1.0E-03	4.6E-08	1.6E-01	5.5E-02	4.0E-10	7.1E+00	1.3E-05
2.0E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	6.6E+00	6.2E-06	1.0E-03	4.3E-08	1.6E-01	5.5E-02	3.7E-10	6.6E+00	1.3E-05
2.0E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.2E-10	6.0E+00	6.2E-06	1.0E-03	3.9E-08	1.6E-01	5.5E-02	3.3E-10	6.0E+00	1.3E-05
2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	5.5E+00	6.2E-06	1.0E-03	3.6E-08	1.6E-01	5.5E-02	3.1E-10	5.5E+00	1.3E-05
2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.3E-11	5.0E+00	6.2E-06	1.0E-03	3.2E-08	1.6E-01	5.5E-02	2.8E-10	5.0E+00	1.3E-05
2.0E-06	1.0E-03	9.7E-09	1.6E-01	5.5E-02	8.4E-11	4.6E+00	6.2E-06	1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.6E-10	4.6E+00	1.3E-05
2.0E-06	1.0E-03	8.8E-09	1.6E-01	5.5E-02	7.6E-11	4.2E+00	6.2E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10	4.2E+00	1.3E-05
2.0E-06	1.0E-03	8.0E-09	1.6E-01	5.5E-02	6.9E-11	3.8E+00	6.2E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.1E-10	3.8E+00	1.3E-05
2.0E-06	1.0E-03	7.3E-09	1.6E-01	5.5E-02	6.3E-11	3.5E+00	6.2E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	3.5E+00	1.3E-05
2.0E-06	1.0E-03	6.6E-09	1.6E-01	5.5E-02	5.7E-11	3.2E+00	6.2E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	3.2E+00	1.3E-05
2.0E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-02	2.5E-10	5.2E+00	6.2E-06	1.0E-03	3.4E-08	1.6E-01	5.5E-02	2.9E-10	5.2E+00	1.3E-05
2.0E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-02	3.0E-10	5.8E+00	6.2E-06	1.0E-03	3.7E-08	1.6E-01	5.5E-02	3.2E-10	5.8E+00	1.3E-05
2.0E-06	1.0E-03	4.3E-08	1.6E-01	5.5E-02	3.7E-10	6.4E+00	6.2E-06	1.0E-03	4.2E-08	1.6E-01	5.5E-02	3.6E-10	6.4E+00	1.3E-05
2.0E-06	1.0E-03	5.1E-08	1.6E-01	5.5E-02	4.4E-10	7.1E+00	6.2E-06	1.0E-03	4.6E-08	1.6E-01	5.5E-02	4.0E-10	7.1E+00	1.3E-05
2.0E-06	1.0E-03	5.8E-08	1.6E-01	5.5E-02	5.0E-10	7.8E+00	6.2E-06	1.0E-03	5.0E-08	1.6E-01	5.5E-02	4.3E-10	7.8E+00	1.3E-05
2.0E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.3E-10	6.4E+00	6.2E-06	1.0E-03	4.1E-08	1.6E-01	5.5E-02	3.6E-10	6.4E+00	1.3E-05
2.0E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	5.9E+00	6.2E-06	1.0E-03	3.8E-08	1.6E-01	5.5E-02	3.3E-10	5.9E+00	1.3E-05

2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.1E-10	5.4E+00	6.2E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-02	3.0E-10	5.4E+00	1.3E-05
2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.5E-11	5.0E+00	6.2E-06	1.0E-03	3.2E-08	1.6E-01	5.5E-02	2.8E-10	5.0E+00	1.3E-05
2.0E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.6E-11	4.6E+00	6.2E-06	1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.6E-10	4.6E+00	1.3E-05
2.0E-06	1.0E-03	9.0E-09	1.6E-01	5.5E-02	7.8E-11	4.2E+00	6.2E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.4E-10	4.2E+00	1.3E-05
2.0E-06	1.0E-03	8.2E-09	1.6E-01	5.5E-02	7.1E-11	3.9E+00	6.2E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.2E-10	3.9E+00	1.3E-05
2.0E-06	1.0E-03	7.5E-09	1.6E-01	5.5E-02	6.5E-11	3.6E+00	6.2E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	3.6E+00	1.3E-05
2.0E-06	1.0E-03	6.9E-09	1.6E-01	5.5E-02	5.9E-11	3.3E+00	6.2E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	3.3E+00	1.3E-05
2.0E-06	1.0E-03	6.3E-09	1.6E-01	5.5E-02	5.4E-11	3.0E+00	6.2E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	3.0E+00	1.3E-05
2.0E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.0E-10	4.6E+00	6.2E-06	1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.6E-10	4.6E+00	1.3E-05
2.0E-06	1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.4E-10	5.1E+00	6.2E-06	1.0E-03	3.3E-08	1.6E-01	5.5E-02	2.8E-10	5.1E+00	1.3E-05
2.0E-06	1.0E-03	3.3E-08	1.6E-01	5.5E-02	2.9E-10	5.6E+00	6.2E-06	1.0E-03	3.6E-08	1.6E-01	5.5E-02	3.1E-10	5.6E+00	1.3E-05
2.0E-06	1.0E-03	3.8E-08	1.6E-01	5.5E-02	3.2E-10	6.1E+00	6.2E-06	1.0E-03	4.0E-08	1.6E-01	5.5E-02	3.4E-10	6.1E+00	1.3E-05
2.0E-06	1.0E-03	4.1E-08	1.6E-01	5.5E-02	3.5E-10	6.6E+00	6.2E-06	1.0E-03	4.3E-08	1.6E-01	5.5E-02	3.7E-10	6.6E+00	1.3E-05
2.0E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	5.7E+00	6.2E-06	1.0E-03	3.7E-08	1.6E-01	5.5E-02	3.2E-10	5.7E+00	1.3E-05
2.0E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	5.3E+00	6.2E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-02	3.0E-10	5.3E+00	1.3E-05
2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.8E-11	4.9E+00	6.2E-06	1.0E-03	3.2E-08	1.6E-01	5.5E-02	2.8E-10	4.9E+00	1.3E-05
2.0E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.8E-11	4.6E+00	6.2E-06	1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.5E-10	4.6E+00	1.3E-05
2.0E-06	1.0E-03	9.2E-09	1.6E-01	5.5E-02	7.9E-11	4.2E+00	6.2E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10	4.2E+00	1.3E-05
2.0E-06	1.0E-03	8.3E-09	1.6E-01	5.5E-02	7.1E-11	3.8E+00	6.2E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.1E-10	3.8E+00	1.3E-05
2.0E-06	1.0E-03	7.6E-09	1.6E-01	5.5E-02	6.5E-11	3.6E+00	6.2E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	3.6E+00	1.3E-05
2.0E-06	1.0E-03	7.0E-09	1.6E-01	5.5E-02	6.0E-11	3.3E+00	6.2E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	3.3E+00	1.3E-05
2.0E-06	1.0E-03	6.4E-09	1.6E-01	5.5E-02	5.5E-11	3.1E+00	6.2E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	3.1E+00	1.3E-05
2.0E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-02	5.1E-11	2.8E+00	6.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.6E-10	2.8E+00	1.3E-05
2.0E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	4.1E+00	6.2E-06	1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.3E-10	4.1E+00	1.3E-05
2.0E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	4.5E+00	6.2E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-02	2.5E-10	4.5E+00	1.3E-05
2.0E-06	1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.3E-10	4.9E+00	6.2E-06	1.0E-03	3.2E-08	1.6E-01	5.5E-02	2.7E-10	4.9E+00	1.3E-05
2.0E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-02	2.5E-10	5.3E+00	6.2E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-02	3.0E-10	5.3E+00	1.3E-05
2.0E-06	1.0E-03	3.1E-08	1.6E-01	5.5E-02	2.7E-10	5.7E+00	6.2E-06	1.0E-03	3.7E-08	1.6E-01	5.5E-02	3.2E-10	5.7E+00	1.3E-05
2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	4.9E+00	6.2E-06	1.0E-03	3.1E-08	1.6E-01	5.5E-02	2.7E-10	4.9E+00	1.3E-05
2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.1E-11	4.5E+00	6.2E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-02	2.5E-10	4.5E+00	1.3E-05
2.0E-06	1.0E-03	9.5E-09	1.6E-01	5.5E-02	8.2E-11	4.2E+00	6.2E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10	4.2E+00	1.3E-05
2.0E-06	1.0E-03	8.3E-09	1.6E-01	5.5E-02	7.2E-11	3.8E+00	6.2E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	3.8E+00	1.3E-05
2.0E-06	1.0E-03	7.6E-09	1.6E-01	5.5E-02	6.5E-11	3.5E+00	6.2E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-02	1.9E-10	3.5E+00	1.3E-05
2.0E-06	1.0E-03	6.9E-09	1.6E-01	5.5E-02	6.0E-11	3.2E+00	6.2E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	3.2E+00	1.3E-05
2.0E-06	1.0E-03	6.4E-09	1.6E-01	5.5E-02	5.5E-11	3.0E+00	6.2E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	3.0E+00	1.3E-05
2.0E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-02	5.1E-11	2.8E+00	6.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.6E-10	2.8E+00	1.3E-05
2.0E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-02	4.7E-11	2.6E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10	2.6E+00	1.3E-05
2.0E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.4E-10	3.7E+00	6.2E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	3.7E+00	1.3E-05
2.0E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.6E-10	4.0E+00	6.2E-06	1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.2E-10	4.0E+00	1.3E-05
2.0E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	4.3E+00	6.2E-06	1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.4E-10	4.3E+00	1.3E-05
2.0E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	4.7E+00	6.2E-06	1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.6E-10	4.7E+00	1.3E-05
2.0E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	5.0E+00	6.2E-06	1.0E-03	3.2E-08	1.6E-01	5.5E-02	2.8E-10	5.0E+00	1.3E-05
2.0E-06	1.0E-03	9.8E-09	1.6E-01	5.5E-02	8.5E-11	4.2E+00	6.2E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10	4.2E+00	1.3E-05
2.0E-06	1.0E-03	8.9E-09	1.6E-01	5.5E-02	7.7E-11	3.9E+00	6.2E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.2E-10	3.9E+00	1.3E-05
2.0E-06	1.0E-03	8.0E-09	1.6E-01	5.5E-02	6.9E-11	3.6E+00	6.2E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	3.6E+00	1.3E-05
2.0E-06	1.0E-03	7.3E-09	1.6E-01	5.5E-02	6.3E-11	3.3E+00	6.2E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	3.3E+00	1.3E-05
2.0E-06	1.0E-03	6.7E-09	1.6E-01	5.5E-02	5.8E-11	3.1E+00	6.2E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	3.1E+00	1.3E-05
2.0E-06	1.0E-03	6.1E-09	1.6E-01	5.5E-02	5.3E-11	2.9E+00	6.2E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.6E-10	2.9E+00	1.3E-05
2.0E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-02	4.8E-11	2.7E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10	2.7E+00	1.3E-05

2.0E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-02	4.4E-11	2.5E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	2.5E+00	1.3E-05
2.0E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	3.3E+00	6.2E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	3.3E+00	1.3E-05
2.0E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	3.6E+00	6.2E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	3.6E+00	1.3E-05
2.0E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10	3.9E+00	6.2E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.2E-10	3.9E+00	1.3E-05
2.0E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.6E-10	4.1E+00	6.2E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10	4.1E+00	1.3E-05
2.0E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	4.4E+00	6.2E-06	1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.5E-10	4.4E+00	1.3E-05
2.0E-06	1.0E-03	8.4E-09	1.6E-01	5.5E-02	7.2E-11	3.6E+00	6.2E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.0E-10	3.6E+00	1.3E-05
2.0E-06	1.0E-03	7.8E-09	1.6E-01	5.5E-02	6.7E-11	3.4E+00	6.2E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	3.4E+00	1.3E-05
2.0E-06	1.0E-03	7.1E-09	1.6E-01	5.5E-02	6.2E-11	3.2E+00	6.2E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	3.2E+00	1.3E-05
2.0E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-02	5.6E-11	3.0E+00	6.2E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.7E-10	3.0E+00	1.3E-05
2.0E-06	1.0E-03	6.0E-09	1.6E-01	5.5E-02	5.2E-11	2.8E+00	6.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.6E-10	2.8E+00	1.3E-05
2.0E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-02	4.7E-11	2.6E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10	2.6E+00	1.3E-05
2.0E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-02	4.3E-11	2.4E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.3E-10	2.4E+00	1.3E-05
2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.1E-10	3.0E+00	6.2E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	3.0E+00	1.3E-05
2.0E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	3.3E+00	6.2E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	3.3E+00	1.3E-05
2.0E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	3.5E+00	6.2E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-02	1.9E-10	3.5E+00	1.3E-05
2.0E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.3E-10	3.7E+00	6.2E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	3.7E+00	1.3E-05
2.0E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	3.9E+00	6.2E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.2E-10	3.9E+00	1.3E-05
2.0E-06	1.0E-03	7.3E-09	1.6E-01	5.5E-02	6.3E-11	3.2E+00	6.2E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	3.2E+00	1.3E-05
2.0E-06	1.0E-03	6.7E-09	1.6E-01	5.5E-02	5.8E-11	3.0E+00	6.2E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	3.0E+00	1.3E-05
2.0E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-02	5.4E-11	2.8E+00	6.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.6E-10	2.8E+00	1.3E-05
2.0E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-02	5.0E-11	2.7E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10	2.7E+00	1.3E-05
2.0E-06	1.0E-03	5.3E-09	1.6E-01	5.5E-02	4.6E-11	2.5E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	2.5E+00	1.3E-05
2.0E-06	1.0E-03	4.9E-09	1.6E-01	5.5E-02	4.2E-11	2.3E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	2.3E+00	1.3E-05
2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.2E-11	2.7E+00	6.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.5E-10	2.7E+00	1.3E-05
2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	2.9E+00	6.2E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.6E-10	2.9E+00	1.3E-05
2.0E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	3.1E+00	6.2E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.8E-10	3.1E+00	1.3E-05
2.0E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	3.3E+00	6.2E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	3.3E+00	1.3E-05
2.0E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	3.5E+00	6.2E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-02	1.9E-10	3.5E+00	1.3E-05
2.0E-06	1.0E-03	6.9E-09	1.6E-01	5.5E-02	5.9E-11	3.0E+00	6.2E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.7E-10	3.0E+00	1.3E-05
2.0E-06	1.0E-03	6.4E-09	1.6E-01	5.5E-02	5.5E-11	2.8E+00	6.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.6E-10	2.8E+00	1.3E-05
2.0E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-02	5.1E-11	2.7E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10	2.7E+00	1.3E-05
2.0E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-02	4.7E-11	2.5E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	2.5E+00	1.3E-05
2.0E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-02	4.4E-11	2.4E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	2.4E+00	1.3E-05
2.0E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-02	4.0E-11	2.2E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	2.2E+00	1.3E-05
2.0E-06	1.0E-03	9.4E-09	1.6E-01	5.5E-02	8.1E-11	2.5E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	2.5E+00	1.3E-05
2.0E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.7E-11	2.7E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10	2.7E+00	1.3E-05
2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.3E-11	2.8E+00	6.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.6E-10	2.8E+00	1.3E-05
2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.8E-11	3.0E+00	6.2E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.7E-10	3.0E+00	1.3E-05
2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	3.1E+00	6.2E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.8E-10	3.1E+00	1.3E-05
2.0E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-02	5.6E-11	2.8E+00	6.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.6E-10	2.8E+00	1.3E-05
2.0E-06	1.0E-03	6.0E-09	1.6E-01	5.5E-02	5.2E-11	2.6E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10	2.6E+00	1.3E-05
2.0E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-02	4.8E-11	2.5E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	2.5E+00	1.3E-05
2.0E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-02	4.5E-11	2.4E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	2.4E+00	1.3E-05
2.0E-06	1.0E-03	4.9E-09	1.6E-01	5.5E-02	4.2E-11	2.2E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	2.2E+00	1.3E-05
2.0E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-02	3.9E-11	2.1E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	2.1E+00	1.3E-05
2.0E-06	1.0E-03	8.3E-09	1.6E-01	5.5E-02	7.2E-11	2.3E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	2.3E+00	1.3E-05
2.0E-06	1.0E-03	8.9E-09	1.6E-01	5.5E-02	7.7E-11	2.4E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	2.4E+00	1.3E-05
2.0E-06	1.0E-03	9.5E-09	1.6E-01	5.5E-02	8.1E-11	2.6E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.4E-10	2.6E+00	1.3E-05

2.0E-06	1.0E-03	9.9E-09	1.6E-01	5.5E-02	8.6E-11	2.7E+00	6.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.5E-10	2.7E+00	1.3E-05
2.0E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.9E-11	2.8E+00	6.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.6E-10	2.8E+00	1.3E-05
2.0E-06	1.0E-03	6.1E-09	1.6E-01	5.5E-02	5.2E-11	2.6E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.4E-10	2.6E+00	1.3E-05
2.0E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-02	4.9E-11	2.5E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	2.5E+00	1.3E-05
2.0E-06	1.0E-03	5.3E-09	1.6E-01	5.5E-02	4.6E-11	2.4E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	2.4E+00	1.3E-05
2.0E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-02	4.3E-11	2.2E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	2.2E+00	1.3E-05
2.0E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-02	4.0E-11	2.1E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	2.1E+00	1.3E-05
2.0E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-02	3.7E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	2.0E+00	1.3E-05
2.0E-06	1.0E-03	7.4E-09	1.6E-01	5.5E-02	6.4E-11	2.1E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	2.1E+00	1.3E-05
2.0E-06	1.0E-03	7.9E-09	1.6E-01	5.5E-02	6.8E-11	2.2E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	2.2E+00	1.3E-05
2.0E-06	1.0E-03	8.3E-09	1.6E-01	5.5E-02	7.2E-11	2.4E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	2.4E+00	1.3E-05
2.0E-06	1.0E-03	8.7E-09	1.6E-01	5.5E-02	7.5E-11	2.5E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	2.5E+00	1.3E-05
2.0E-06	1.0E-03	9.1E-09	1.6E-01	5.5E-02	7.8E-11	2.6E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.4E-10	2.6E+00	1.3E-05
2.0E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-02	4.9E-11	2.4E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	2.4E+00	1.3E-05
2.0E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-02	4.6E-11	2.3E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	2.3E+00	1.3E-05
2.0E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-02	4.3E-11	2.2E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	2.2E+00	1.3E-05
2.0E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-02	4.1E-11	2.1E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	2.1E+00	1.3E-05
2.0E-06	1.0E-03	4.4E-09	1.6E-01	5.5E-02	3.8E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	2.0E+00	1.3E-05
2.0E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-02	3.6E-11	1.9E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.1E-10	1.9E+00	1.3E-05
2.0E-06	1.0E-03	6.7E-09	1.6E-01	5.5E-02	5.7E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	2.0E+00	1.3E-05
2.0E-06	1.0E-03	7.1E-09	1.6E-01	5.5E-02	6.1E-11	2.1E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.2E-10	2.1E+00	1.3E-05
2.0E-06	1.0E-03	7.4E-09	1.6E-01	5.5E-02	6.4E-11	2.2E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	2.2E+00	1.3E-05
2.0E-06	1.0E-03	7.8E-09	1.6E-01	5.5E-02	6.7E-11	2.3E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	2.3E+00	1.3E-05
2.0E-06	1.0E-03	8.0E-09	1.6E-01	5.5E-02	6.9E-11	2.4E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	2.4E+00	1.3E-05
2.0E-06	1.0E-03	8.3E-09	1.6E-01	5.5E-02	7.1E-11	2.4E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	2.4E+00	1.3E-05
2.0E-06	1.0E-03	8.4E-09	1.6E-01	5.5E-02	7.3E-11	2.5E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	2.5E+00	1.3E-05
2.0E-06	1.0E-03	8.5E-09	1.6E-01	5.5E-02	7.3E-11	2.6E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.4E-10	2.6E+00	1.3E-05
2.0E-06	1.0E-03	8.5E-09	1.6E-01	5.5E-02	7.3E-11	2.6E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10	2.6E+00	1.3E-05
2.0E-06	1.0E-03	8.4E-09	1.6E-01	5.5E-02	7.3E-11	2.7E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10	2.7E+00	1.3E-05
2.0E-06	1.0E-03	8.3E-09	1.6E-01	5.5E-02	7.2E-11	2.7E+00	6.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.5E-10	2.7E+00	1.3E-05
2.0E-06	1.0E-03	8.1E-09	1.6E-01	5.5E-02	7.0E-11	2.7E+00	6.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.5E-10	2.7E+00	1.3E-05
2.0E-06	1.0E-03	7.9E-09	1.6E-01	5.5E-02	6.8E-11	2.7E+00	6.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.5E-10	2.7E+00	1.3E-05
2.0E-06	1.0E-03	7.6E-09	1.6E-01	5.5E-02	6.6E-11	2.7E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10	2.7E+00	1.3E-05
2.0E-06	1.0E-03	7.3E-09	1.6E-01	5.5E-02	6.3E-11	2.7E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10	2.7E+00	1.3E-05
2.0E-06	1.0E-03	7.0E-09	1.6E-01	5.5E-02	6.0E-11	2.6E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10	2.6E+00	1.3E-05
2.0E-06	1.0E-03	6.7E-09	1.6E-01	5.5E-02	5.8E-11	2.6E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.4E-10	2.6E+00	1.3E-05
2.0E-06	1.0E-03	6.4E-09	1.6E-01	5.5E-02	5.5E-11	2.5E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	2.5E+00	1.3E-05
2.0E-06	1.0E-03	6.0E-09	1.6E-01	5.5E-02	5.2E-11	2.4E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	2.4E+00	1.3E-05
2.0E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-02	4.9E-11	2.3E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	2.3E+00	1.3E-05
2.0E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-02	4.6E-11	2.3E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	2.3E+00	1.3E-05
2.0E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-02	4.4E-11	2.2E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	2.2E+00	1.3E-05
2.0E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-02	4.1E-11	2.1E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	2.1E+00	1.3E-05
2.0E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-02	3.9E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	2.0E+00	1.3E-05
2.0E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-02	3.7E-11	1.9E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.1E-10	1.9E+00	1.3E-05
2.0E-06	1.0E-03	4.0E-09	1.6E-01	5.5E-02	3.4E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	1.8E+00	1.3E-05
2.0E-06	1.0E-03	6.0E-09	1.6E-01	5.5E-02	5.2E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	1.8E+00	1.3E-05
2.0E-06	1.0E-03	6.3E-09	1.6E-01	5.5E-02	5.5E-11	1.9E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.1E-10	1.9E+00	1.3E-05
2.0E-06	1.0E-03	6.7E-09	1.6E-01	5.5E-02	5.7E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	2.0E+00	1.3E-05
2.0E-06	1.0E-03	6.9E-09	1.6E-01	5.5E-02	6.0E-11	2.1E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	2.1E+00	1.3E-05

2.0E-06	1.0E-03	7.2E-09	1.6E-01	5.5E-02	6.2E-11	2.2E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	2.2E+00	1.3E-05
2.0E-06	1.0E-03	7.4E-09	1.6E-01	5.5E-02	6.4E-11	2.2E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	2.2E+00	1.3E-05
2.0E-06	1.0E-03	7.5E-09	1.6E-01	5.5E-02	6.5E-11	2.3E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	2.3E+00	1.3E-05
2.0E-06	1.0E-03	7.6E-09	1.6E-01	5.5E-02	6.5E-11	2.4E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	2.4E+00	1.3E-05
2.0E-06	1.0E-03	7.6E-09	1.6E-01	5.5E-02	6.6E-11	2.4E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.3E-10	2.4E+00	1.3E-05
2.0E-06	1.0E-03	7.6E-09	1.6E-01	5.5E-02	6.5E-11	2.4E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	2.4E+00	1.3E-05
2.0E-06	1.0E-03	7.5E-09	1.6E-01	5.5E-02	6.5E-11	2.5E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	2.5E+00	1.3E-05
2.0E-06	1.0E-03	7.3E-09	1.6E-01	5.5E-02	6.3E-11	2.5E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	2.5E+00	1.3E-05
2.0E-06	1.0E-03	7.2E-09	1.6E-01	5.5E-02	6.2E-11	2.5E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	2.5E+00	1.3E-05
2.0E-06	1.0E-03	7.0E-09	1.6E-01	5.5E-02	6.0E-11	2.5E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	2.5E+00	1.3E-05
2.0E-06	1.0E-03	6.7E-09	1.6E-01	5.5E-02	5.8E-11	2.4E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	2.4E+00	1.3E-05
2.0E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-02	5.6E-11	2.4E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.3E-10	2.4E+00	1.3E-05
2.0E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-02	5.3E-11	2.4E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	2.4E+00	1.3E-05
2.0E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-02	5.1E-11	2.3E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	2.3E+00	1.3E-05
2.0E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-02	4.9E-11	2.3E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	2.3E+00	1.3E-05
2.0E-06	1.0E-03	5.3E-09	1.6E-01	5.5E-02	4.6E-11	2.2E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	2.2E+00	1.3E-05
2.0E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-02	4.4E-11	2.1E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	2.1E+00	1.3E-05
2.0E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-02	4.1E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	2.0E+00	1.3E-05
2.0E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-02	3.9E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	2.0E+00	1.3E-05
2.0E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-02	3.7E-11	1.9E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.1E-10	1.9E+00	1.3E-05
2.0E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-02	3.5E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	1.8E+00	1.3E-05
2.0E-06	1.0E-03	3.8E-09	1.6E-01	5.5E-02	3.3E-11	1.7E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.7E-11	1.7E+00	1.3E-05
2.0E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-02	4.7E-11	1.7E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.4E-11	1.7E+00	1.3E-05
2.0E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-02	4.9E-11	1.8E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.9E-11	1.8E+00	1.3E-05
2.0E-06	1.0E-03	6.0E-09	1.6E-01	5.5E-02	5.2E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	1.8E+00	1.3E-05
2.0E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-02	5.4E-11	1.9E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.1E-10	1.9E+00	1.3E-05
2.0E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-02	5.6E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	2.0E+00	1.3E-05
2.0E-06	1.0E-03	6.6E-09	1.6E-01	5.5E-02	5.7E-11	2.1E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	2.1E+00	1.3E-05
2.0E-06	1.0E-03	6.8E-09	1.6E-01	5.5E-02	5.8E-11	2.1E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	2.1E+00	1.3E-05
2.0E-06	1.0E-03	6.8E-09	1.6E-01	5.5E-02	5.9E-11	2.2E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	2.2E+00	1.3E-05
2.0E-06	1.0E-03	6.9E-09	1.6E-01	5.5E-02	5.9E-11	2.2E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	2.2E+00	1.3E-05
2.0E-06	1.0E-03	6.8E-09	1.6E-01	5.5E-02	5.9E-11	2.2E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	2.2E+00	1.3E-05
2.0E-06	1.0E-03	6.8E-09	1.6E-01	5.5E-02	5.8E-11	2.3E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	2.3E+00	1.3E-05
2.0E-06	1.0E-03	6.7E-09	1.6E-01	5.5E-02	5.8E-11	2.3E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	2.3E+00	1.3E-05
2.0E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-02	5.6E-11	2.3E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	2.3E+00	1.3E-05
2.0E-06	1.0E-03	6.4E-09	1.6E-01	5.5E-02	5.5E-11	2.3E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	2.3E+00	1.3E-05
2.0E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-02	5.3E-11	2.3E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	2.3E+00	1.3E-05
2.0E-06	1.0E-03	6.0E-09	1.6E-01	5.5E-02	5.1E-11	2.2E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	2.2E+00	1.3E-05
2.0E-06	1.0E-03	5.8E-09	1.6E-01	5.5E-02	5.0E-11	2.2E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	2.2E+00	1.3E-05
2.0E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-02	4.7E-11	2.2E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	2.2E+00	1.3E-05
2.0E-06	1.0E-03	5.3E-09	1.6E-01	5.5E-02	4.5E-11	2.1E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	2.1E+00	1.3E-05
2.0E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-02	4.3E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	2.0E+00	1.3E-05
2.0E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-02	4.1E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	2.0E+00	1.3E-05
2.0E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-02	3.9E-11	1.9E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	1.9E+00	1.3E-05
2.0E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-02	3.7E-11	1.9E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	1.9E+00	1.3E-05
2.0E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-02	3.5E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	1.8E+00	1.3E-05
2.0E-06	1.0E-03	3.9E-09	1.6E-01	5.5E-02	3.3E-11	1.7E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.6E-11	1.7E+00	1.3E-05
2.0E-06	1.0E-03	3.7E-09	1.6E-01	5.5E-02	3.2E-11	1.7E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.2E-11	1.7E+00	1.3E-05
2.0E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-02	4.3E-11	1.6E+00	6.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.8E-11	1.6E+00	1.3E-05

2.0E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-02	4.5E-11	1.6E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.2E-11	1.6E+00	1.3E-05
2.0E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-02	4.7E-11	1.7E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.6E-11	1.7E+00	1.3E-05
2.0E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-02	4.9E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	9.9E-11	1.8E+00	1.3E-05
2.0E-06	1.0E-03	5.8E-09	1.6E-01	5.5E-02	5.0E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	1.8E+00	1.3E-05
2.0E-06	1.0E-03	6.0E-09	1.6E-01	5.5E-02	5.2E-11	1.9E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.1E-10	1.9E+00	1.3E-05
2.0E-06	1.0E-03	6.1E-09	1.6E-01	5.5E-02	5.3E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	2.0E+00	1.3E-05
2.0E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-02	5.3E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	2.0E+00	1.3E-05
2.0E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-02	5.4E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	2.0E+00	1.3E-05
2.0E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-02	5.3E-11	2.1E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.2E-10	2.1E+00	1.3E-05
2.0E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-02	5.3E-11	2.1E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	2.1E+00	1.3E-05
2.0E-06	1.0E-03	6.1E-09	1.6E-01	5.5E-02	5.3E-11	2.1E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	2.1E+00	1.3E-05
2.0E-06	1.0E-03	6.0E-09	1.6E-01	5.5E-02	5.2E-11	2.1E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	2.1E+00	1.3E-05
2.0E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-02	5.0E-11	2.1E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	2.1E+00	1.3E-05
2.0E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-02	4.9E-11	2.1E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	2.1E+00	1.3E-05
2.0E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-02	4.8E-11	2.1E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.2E-10	2.1E+00	1.3E-05
2.0E-06	1.0E-03	5.3E-09	1.6E-01	5.5E-02	4.6E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	2.0E+00	1.3E-05
2.0E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-02	4.4E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	2.0E+00	1.3E-05
2.0E-06	1.0E-03	4.9E-09	1.6E-01	5.5E-02	4.2E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	2.0E+00	1.3E-05
2.0E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-02	4.1E-11	1.9E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.1E-10	1.9E+00	1.3E-05
2.0E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-02	3.9E-11	1.9E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	1.9E+00	1.3E-05
2.0E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-02	3.7E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	1.8E+00	1.3E-05
2.0E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-02	3.5E-11	1.8E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.8E-11	1.8E+00	1.3E-05
2.0E-06	1.0E-03	3.9E-09	1.6E-01	5.5E-02	3.3E-11	1.7E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.5E-11	1.7E+00	1.3E-05
2.0E-06	1.0E-03	3.7E-09	1.6E-01	5.5E-02	3.2E-11	1.6E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.1E-11	1.6E+00	1.3E-05
2.0E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-02	3.0E-11	1.6E+00	6.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.8E-11	1.6E+00	1.3E-05
2.0E-06	1.0E-03	4.6E-09	1.6E-01	5.5E-02	3.9E-11	1.5E+00	6.2E-06	1.0E-03	9.5E-09	1.6E-01	5.5E-02	8.2E-11	1.5E+00	1.3E-05
2.0E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-02	4.1E-11	1.5E+00	6.2E-06	1.0E-03	9.9E-09	1.6E-01	5.5E-02	8.5E-11	1.5E+00	1.3E-05
2.0E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-02	4.3E-11	1.6E+00	6.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.9E-11	1.6E+00	1.3E-05
2.0E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-02	4.4E-11	1.6E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.2E-11	1.6E+00	1.3E-05
2.0E-06	1.0E-03	5.3E-09	1.6E-01	5.5E-02	4.6E-11	1.7E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.5E-11	1.7E+00	1.3E-05
2.0E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-02	4.7E-11	1.8E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.8E-11	1.8E+00	1.3E-05
2.0E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-02	4.8E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	1.8E+00	1.3E-05
2.0E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-02	4.8E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	1.8E+00	1.3E-05
2.0E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-02	4.9E-11	1.9E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.1E-10	1.9E+00	1.3E-05
2.0E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-02	4.9E-11	1.9E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.1E-10	1.9E+00	1.3E-05
2.0E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-02	4.9E-11	1.9E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	1.9E+00	1.3E-05
2.0E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-02	4.8E-11	1.9E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	1.9E+00	1.3E-05
2.0E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-02	4.7E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	2.0E+00	1.3E-05
2.0E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-02	4.6E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	2.0E+00	1.3E-05
2.0E-06	1.0E-03	5.3E-09	1.6E-01	5.5E-02	4.5E-11	1.9E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	1.9E+00	1.3E-05
2.0E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-02	4.4E-11	1.9E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	1.9E+00	1.3E-05
2.0E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-02	4.3E-11	1.9E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.1E-10	1.9E+00	1.3E-05
2.0E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-02	4.1E-11	1.9E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	1.9E+00	1.3E-05
2.0E-06	1.0E-03	4.6E-09	1.6E-01	5.5E-02	4.0E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	1.8E+00	1.3E-05
2.0E-06	1.0E-03	4.4E-09	1.6E-01	5.5E-02	3.8E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	1.8E+00	1.3E-05
2.0E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-02	3.7E-11	1.8E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.8E-11	1.8E+00	1.3E-05
2.0E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-02	3.5E-11	1.7E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.5E-11	1.7E+00	1.3E-05
2.0E-06	1.0E-03	3.9E-09	1.6E-01	5.5E-02	3.3E-11	1.7E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.2E-11	1.7E+00	1.3E-05
2.0E-06	1.0E-03	3.7E-09	1.6E-01	5.5E-02	3.2E-11	1.6E+00	6.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	9.0E-11	1.6E+00	1.3E-05

2.0E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-02	3.0E-11	1.6E+00	6.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.7E-11	1.6E+00	1.3E-05
2.0E-06	1.0E-03	3.4E-09	1.6E-01	5.5E-02	2.9E-11	1.5E+00	6.2E-06	1.0E-03	9.7E-09	1.6E-01	5.5E-02	8.4E-11	1.5E+00	1.3E-05
2.0E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-02	3.6E-11	1.4E+00	6.2E-06	1.0E-03	8.9E-09	1.6E-01	5.5E-02	7.7E-11	1.4E+00	1.3E-05
2.0E-06	1.0E-03	4.4E-09	1.6E-01	5.5E-02	3.8E-11	1.4E+00	6.2E-06	1.0E-03	9.3E-09	1.6E-01	5.5E-02	8.0E-11	1.4E+00	1.3E-05
2.0E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-02	3.9E-11	1.5E+00	6.2E-06	1.0E-03	9.6E-09	1.6E-01	5.5E-02	8.3E-11	1.5E+00	1.3E-05
2.0E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-02	4.0E-11	1.5E+00	6.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.6E-11	1.5E+00	1.3E-05
2.0E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-02	4.2E-11	1.6E+00	6.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.9E-11	1.6E+00	1.3E-05
2.0E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-02	4.3E-11	1.6E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.1E-11	1.6E+00	1.3E-05
2.0E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-02	4.3E-11	1.7E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.4E-11	1.7E+00	1.3E-05
2.0E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-02	4.4E-11	1.7E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.6E-11	1.7E+00	1.3E-05
2.0E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-02	4.4E-11	1.7E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.7E-11	1.7E+00	1.3E-05
2.0E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-02	4.5E-11	1.8E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.9E-11	1.8E+00	1.3E-05
2.0E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-02	4.4E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	1.8E+00	1.3E-05
2.0E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-02	4.4E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	1.8E+00	1.3E-05
2.0E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-02	4.4E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	1.8E+00	1.3E-05
2.0E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-02	4.3E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	1.8E+00	1.3E-05
2.0E-06	1.0E-03	4.9E-09	1.6E-01	5.5E-02	4.2E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	1.8E+00	1.3E-05
2.0E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-02	4.1E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	1.8E+00	1.3E-05
2.0E-06	1.0E-03	4.6E-09	1.6E-01	5.5E-02	4.0E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	9.9E-11	1.8E+00	1.3E-05
2.0E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-02	3.9E-11	1.8E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.8E-11	1.8E+00	1.3E-05
2.0E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-02	3.7E-11	1.7E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.6E-11	1.7E+00	1.3E-05
2.0E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-02	3.6E-11	1.7E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.4E-11	1.7E+00	1.3E-05
2.0E-06	1.0E-03	4.0E-09	1.6E-01	5.5E-02	3.4E-11	1.6E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.2E-11	1.6E+00	1.3E-05
2.0E-06	1.0E-03	3.8E-09	1.6E-01	5.5E-02	3.3E-11	1.6E+00	6.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	9.0E-11	1.6E+00	1.3E-05
2.0E-06	1.0E-03	3.7E-09	1.6E-01	5.5E-02	3.2E-11	1.6E+00	6.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.7E-11	1.6E+00	1.3E-05
2.0E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-02	3.0E-11	1.5E+00	6.2E-06	1.0E-03	9.9E-09	1.6E-01	5.5E-02	8.5E-11	1.5E+00	1.3E-05
2.0E-06	1.0E-03	3.4E-09	1.6E-01	5.5E-02	2.9E-11	1.5E+00	6.2E-06	1.0E-03	9.6E-09	1.6E-01	5.5E-02	8.2E-11	1.5E+00	1.3E-05
2.0E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-02	2.8E-11	1.4E+00	6.2E-06	1.0E-03	9.2E-09	1.6E-01	5.5E-02	8.0E-11	1.4E+00	1.3E-05

Franklin School Project

Risk From New Building Demo - Unmitigated Residential

Haul Route 1A

D1	Dose	R1	ED	Risk	Conc	g/sec
1.0E-03	4.5E-09	1.6E-01	5.5E-02	3.9E-11	3.9E+00	1.4E-06
1.0E-03	5.2E-09	1.6E-01	5.5E-02	4.5E-11	4.4E+00	1.4E-06
1.0E-03	6.0E-09	1.6E-01	5.5E-02	5.2E-11	4.7E+00	1.4E-06
1.0E-03	6.9E-09	1.6E-01	5.5E-02	5.9E-11	4.8E+00	1.4E-06
1.0E-03	7.7E-09	1.6E-01	5.5E-02	6.7E-11	4.8E+00	1.4E-06
1.0E-03	8.6E-09	1.6E-01	5.5E-02	7.4E-11	4.7E+00	1.4E-06
1.0E-03	9.4E-09	1.6E-01	5.5E-02	8.1E-11	4.3E+00	1.4E-06
1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.8E-11	3.6E+00	1.4E-06
1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.6E-11	2.8E+00	1.4E-06
1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.1E-10	2.2E+00	1.4E-06
1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	1.6E+00	1.4E-06
1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	1.3E+00	1.4E-06
1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	1.0E+00	1.4E-06
1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.2E-10	8.0E-01	1.4E-06
1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	6.5E-01	1.4E-06
1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	5.4E-01	1.4E-06
1.0E-03	5.2E-09	1.6E-01	5.5E-02	4.5E-11	8.3E+00	1.4E-06
1.0E-03	6.2E-09	1.6E-01	5.5E-02	5.3E-11	8.9E+00	1.4E-06
1.0E-03	7.4E-09	1.6E-01	5.5E-02	6.3E-11	9.3E+00	1.4E-06
1.0E-03	8.7E-09	1.6E-01	5.5E-02	7.5E-11	9.5E+00	1.4E-06
1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.7E-11	9.4E+00	1.4E-06
1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	9.0E+00	1.4E-06
1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	7.7E+00	1.4E-06
1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	5.3E+00	1.4E-06
1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	3.4E+00	1.4E-06
1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.5E-10	2.3E+00	1.4E-06
1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.6E-10	1.7E+00	1.4E-06
1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.6E-10	1.2E+00	1.4E-06
1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.6E-10	9.4E-01	1.4E-06
1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10	7.5E-01	1.4E-06
1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	6.1E-01	1.4E-06
1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	5.0E-01	1.4E-06
1.0E-03	6.1E-09	1.6E-01	5.5E-02	5.2E-11	6.9E+00	1.4E-06
1.0E-03	7.4E-09	1.6E-01	5.5E-02	6.4E-11	1.1E+01	1.4E-06
1.0E-03	9.1E-09	1.6E-01	5.5E-02	7.9E-11	6.2E+00	1.4E-06
1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.7E-11	6.1E+00	1.4E-06
1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	6.0E+00	1.4E-06
1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	5.4E+00	1.4E-06
1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.6E-10	6.2E+00	1.4E-06
1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	7.1E+00	1.4E-06
1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.1E-10	3.6E+00	1.4E-06
1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.4E-10	2.2E+00	1.4E-06
1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.4E-10	1.5E+00	1.4E-06

Haul Route 2A

D1	Dose	R1	ED	Risk
1.0E-03	5.6E-09	1.6E-01	5.5E-02	4.8E-11
1.0E-03	6.2E-09	1.6E-01	5.5E-02	5.4E-11
1.0E-03	6.7E-09	1.6E-01	5.5E-02	5.8E-11
1.0E-03	6.9E-09	1.6E-01	5.5E-02	5.9E-11
1.0E-03	6.9E-09	1.6E-01	5.5E-02	6.0E-11
1.0E-03	6.7E-09	1.6E-01	5.5E-02	5.8E-11
1.0E-03	6.1E-09	1.6E-01	5.5E-02	5.3E-11
1.0E-03	5.2E-09	1.6E-01	5.5E-02	4.4E-11
1.0E-03	4.0E-09	1.6E-01	5.5E-02	3.5E-11
1.0E-03	3.1E-09	1.6E-01	5.5E-02	2.7E-11
1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.0E-11
1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.6E-11
1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.9E-12
1.0E-03	9.3E-10	1.6E-01	5.5E-02	8.0E-12
1.0E-03	7.7E-10	1.6E-01	5.5E-02	6.7E-12
1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10
1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10
1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10
1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10
1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10
1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10
1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.5E-11
1.0E-03	7.6E-09	1.6E-01	5.5E-02	6.5E-11
1.0E-03	4.9E-09	1.6E-01	5.5E-02	4.3E-11
1.0E-03	3.3E-09	1.6E-01	5.5E-02	2.9E-11
1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.0E-11
1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.5E-11
1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.2E-12
1.0E-03	8.7E-10	1.6E-01	5.5E-02	7.5E-12
1.0E-03	7.2E-10	1.6E-01	5.5E-02	6.2E-12
1.0E-03	9.8E-09	1.6E-01	5.5E-02	8.5E-11
1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10
1.0E-03	8.8E-09	1.6E-01	5.5E-02	7.6E-11
1.0E-03	8.8E-09	1.6E-01	5.5E-02	7.6E-11
1.0E-03	8.6E-09	1.6E-01	5.5E-02	7.4E-11
1.0E-03	7.7E-09	1.6E-01	5.5E-02	6.6E-11
1.0E-03	8.8E-09	1.6E-01	5.5E-02	7.6E-11
1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.8E-11
1.0E-03	5.2E-09	1.6E-01	5.5E-02	4.5E-11
1.0E-03	3.2E-09	1.6E-01	5.5E-02	2.7E-11
1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11

1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10	1.1E+00	1.4E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.4E-11
1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	8.5E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11
1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	6.7E-01	1.4E-06	1.0E-03	9.6E-10	1.6E-01	5.5E-02	8.3E-12
1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.5E-10	5.4E-01	1.4E-06	1.0E-03	7.8E-10	1.6E-01	5.5E-02	6.7E-12
1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	4.5E-01	1.4E-06	1.0E-03	6.5E-10	1.6E-01	5.5E-02	5.6E-12
1.0E-03	7.0E-09	1.6E-01	5.5E-02	6.0E-11	6.3E+00	1.4E-06	1.0E-03	9.1E-09	1.6E-01	5.5E-02	7.8E-11
1.0E-03	8.8E-09	1.6E-01	5.5E-02	7.6E-11	1.0E+01	1.4E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10
1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.8E-11	5.6E+00	1.4E-06	1.0E-03	8.1E-09	1.6E-01	5.5E-02	6.9E-11
1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	5.5E+00	1.4E-06	1.0E-03	7.9E-09	1.6E-01	5.5E-02	6.8E-11
1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	5.3E+00	1.4E-06	1.0E-03	7.5E-09	1.6E-01	5.5E-02	6.5E-11
1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.2E-10	4.5E+00	1.4E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-02	5.6E-11
1.0E-03	3.1E-08	1.6E-01	5.5E-02	2.7E-10	5.2E+00	1.4E-06	1.0E-03	7.5E-09	1.6E-01	5.5E-02	6.4E-11
1.0E-03	3.7E-08	1.6E-01	5.5E-02	3.2E-10	6.0E+00	1.4E-06	1.0E-03	8.6E-09	1.6E-01	5.5E-02	7.4E-11
1.0E-03	4.3E-08	1.6E-01	5.5E-02	3.7E-10	3.0E+00	1.4E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-02	3.7E-11
1.0E-03	4.5E-08	1.6E-01	5.5E-02	3.8E-10	1.9E+00	1.4E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-02	2.3E-11
1.0E-03	4.2E-08	1.6E-01	5.5E-02	3.6E-10	1.3E+00	1.4E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-02	1.6E-11
1.0E-03	3.6E-08	1.6E-01	5.5E-02	3.1E-10	9.5E-01	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.6E-10	7.4E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.1E-12
1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	5.9E-01	1.4E-06	1.0E-03	8.4E-10	1.6E-01	5.5E-02	7.3E-12
1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	4.8E-01	1.4E-06	1.0E-03	6.9E-10	1.6E-01	5.5E-02	6.0E-12
1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	4.0E-01	1.4E-06	1.0E-03	5.8E-10	1.6E-01	5.5E-02	5.0E-12
1.0E-03	7.9E-09	1.6E-01	5.5E-02	6.8E-11	7.0E+00	1.4E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.6E-11
1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.9E-11	7.3E+00	1.4E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	9.0E-11
1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	7.4E+00	1.4E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.1E-11
1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	7.3E+00	1.4E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	9.0E-11
1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.6E-10	7.0E+00	1.4E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.7E-11
1.0E-03	4.4E-08	1.6E-01	5.5E-02	3.7E-10	6.4E+00	1.4E-06	1.0E-03	9.2E-09	1.6E-01	5.5E-02	7.9E-11
1.0E-03	5.9E-08	1.6E-01	5.5E-02	5.1E-10	5.2E+00	1.4E-06	1.0E-03	7.4E-09	1.6E-01	5.5E-02	6.4E-11
1.0E-03	7.5E-08	1.6E-01	5.5E-02	6.5E-10	3.4E+00	1.4E-06	1.0E-03	4.9E-09	1.6E-01	5.5E-02	4.2E-11
1.0E-03	8.3E-08	1.6E-01	5.5E-02	7.1E-10	2.2E+00	1.4E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-02	2.7E-11
1.0E-03	7.5E-08	1.6E-01	5.5E-02	6.4E-10	1.5E+00	1.4E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11
1.0E-03	6.0E-08	1.6E-01	5.5E-02	5.2E-10	1.1E+00	1.4E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11
1.0E-03	4.6E-08	1.6E-01	5.5E-02	4.0E-10	8.2E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11
1.0E-03	3.5E-08	1.6E-01	5.5E-02	3.0E-10	6.4E-01	1.4E-06	1.0E-03	9.2E-10	1.6E-01	5.5E-02	7.9E-12
1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10	5.2E-01	1.4E-06	1.0E-03	7.5E-10	1.6E-01	5.5E-02	6.4E-12
1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	4.3E-01	1.4E-06	1.0E-03	6.2E-10	1.6E-01	5.5E-02	5.3E-12
1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	3.6E-01	1.4E-06	1.0E-03	5.2E-10	1.6E-01	5.5E-02	4.5E-12
1.0E-03	8.6E-09	1.6E-01	5.5E-02	7.4E-11	3.5E+00	1.4E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-02	4.4E-11
1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	3.8E+00	1.4E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-02	4.6E-11
1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10	3.8E+00	1.4E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-02	4.7E-11
1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10	3.8E+00	1.4E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-02	4.7E-11
1.0E-03	4.6E-08	1.6E-01	5.5E-02	4.0E-10	3.7E+00	1.4E-06	1.0E-03	5.3E-09	1.6E-01	5.5E-02	4.5E-11
1.0E-03	8.6E-08	1.6E-01	5.5E-02	7.4E-10	3.4E+00	1.4E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-02	4.2E-11
1.0E-03	1.5E-07	1.6E-01	5.5E-02	1.3E-09	2.9E+00	1.4E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-02	3.5E-11
1.0E-03	2.0E-07	1.6E-01	5.5E-02	1.7E-09	2.2E+00	1.4E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-02	2.7E-11
1.0E-03	1.7E-07	1.6E-01	5.5E-02	1.5E-09	1.6E+00	1.4E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.0E-11
1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09	1.2E+00	1.4E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.5E-11
1.0E-03	7.6E-08	1.6E-01	5.5E-02	6.6E-10	9.1E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
1.0E-03	5.2E-08	1.6E-01	5.5E-02	4.5E-10	7.1E-01	1.4E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	8.7E-12

1.0E-03	3.6E-08	1.6E-01	5.5E-02	3.1E-10	5.7E-01	1.4E-06	1.0E-03	8.1E-10	1.6E-01	5.5E-02	7.0E-12
1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.3E-10	4.7E-01	1.4E-06	1.0E-03	6.7E-10	1.6E-01	5.5E-02	5.8E-12
1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	3.9E-01	1.4E-06	1.0E-03	5.6E-10	1.6E-01	5.5E-02	4.8E-12
1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	3.3E-01	1.4E-06	1.0E-03	4.7E-10	1.6E-01	5.5E-02	4.1E-12
1.0E-03	9.0E-09	1.6E-01	5.5E-02	7.8E-11	2.2E+00	1.4E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-02	2.7E-11
1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	2.4E+00	1.4E-06	1.0E-03	3.4E-09	1.6E-01	5.5E-02	2.9E-11
1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.7E-10	2.4E+00	1.4E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-02	3.0E-11
1.0E-03	3.3E-08	1.6E-01	5.5E-02	2.8E-10	2.4E+00	1.4E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-02	3.0E-11
1.0E-03	6.7E-08	1.6E-01	5.5E-02	5.7E-10	2.4E+00	1.4E-06	1.0E-03	3.4E-09	1.6E-01	5.5E-02	2.9E-11
1.0E-03	1.9E-07	1.6E-01	5.5E-02	1.6E-09	2.2E+00	1.4E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-02	2.7E-11
1.0E-03	7.2E-07	1.6E-01	5.5E-02	6.2E-09	1.9E+00	1.4E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-02	2.4E-11
1.0E-03	8.1E-07	1.6E-01	5.5E-02	6.9E-09	1.6E+00	1.4E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11
1.0E-03	3.2E-07	1.6E-01	5.5E-02	2.7E-09	1.3E+00	1.4E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.6E-11
1.0E-03	1.5E-07	1.6E-01	5.5E-02	1.3E-09	1.0E+00	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
1.0E-03	8.0E-08	1.6E-01	5.5E-02	6.9E-10	7.9E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.7E-12
1.0E-03	5.0E-08	1.6E-01	5.5E-02	4.3E-10	6.3E-01	1.4E-06	1.0E-03	9.0E-10	1.6E-01	5.5E-02	7.8E-12
1.0E-03	3.4E-08	1.6E-01	5.5E-02	2.9E-10	5.1E-01	1.4E-06	1.0E-03	7.4E-10	1.6E-01	5.5E-02	6.3E-12
1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	4.3E-01	1.4E-06	1.0E-03	6.1E-10	1.6E-01	5.5E-02	5.3E-12
1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.5E-10	3.6E-01	1.4E-06	1.0E-03	5.1E-10	1.6E-01	5.5E-02	4.4E-12
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1.0E-03	9.1E-09	1.6E-01	5.5E-02	7.9E-11	1.5E+00	1.4E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.9E-11
1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	1.6E+00	1.4E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11
1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	1.7E+00	1.4E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.1E-11
1.0E-03	3.4E-08	1.6E-01	5.5E-02	2.9E-10	1.7E+00	1.4E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.1E-11
1.0E-03	7.3E-08	1.6E-01	5.5E-02	6.3E-10	1.7E+00	1.4E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.1E-11
1.0E-03	1.3E-07	1.6E-01	5.5E-02	1.1E-09	8.5E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11
1.0E-03	6.8E-08	1.6E-01	5.5E-02	5.9E-10	6.9E-01	1.4E-06	1.0E-03	9.9E-10	1.6E-01	5.5E-02	8.5E-12
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1.0E-03	2.9E-08	1.6E-01	5.5E-02	2.5E-10	4.7E-01	1.4E-06	1.0E-03	6.7E-10	1.6E-01	5.5E-02	5.8E-12
1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	3.9E-01	1.4E-06	1.0E-03	5.6E-10	1.6E-01	5.5E-02	4.9E-12
1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	3.3E-01	1.4E-06	1.0E-03	4.8E-10	1.6E-01	5.5E-02	4.1E-12
1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	2.9E-01	1.4E-06	1.0E-03	4.1E-10	1.6E-01	5.5E-02	3.5E-12
1.0E-03	8.8E-09	1.6E-01	5.5E-02	7.6E-11	1.1E+00	1.4E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.3E-11
1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	1.2E+00	1.4E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.5E-11
1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.6E-10	1.2E+00	1.4E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.5E-11
1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.5E-10	1.3E+00	1.4E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.5E-11
1.0E-03	5.4E-08	1.6E-01	5.5E-02	4.7E-10	1.2E+00	1.4E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.5E-11
1.0E-03	8.6E-08	1.6E-01	5.5E-02	7.4E-10	7.2E-01	1.4E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	8.9E-12
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1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	3.1E-01	1.4E-06	1.0E-03	4.5E-10	1.6E-01	5.5E-02	3.9E-12
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1.0E-03	8.1E-09	1.6E-01	5.5E-02	7.0E-11	8.3E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11
1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.4E-11	9.0E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	9.4E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.2E-11
1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	9.6E-01	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
1.0E-03	3.6E-08	1.6E-01	5.5E-02	3.1E-10	9.6E-01	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11

1.0E-03	5.6E-08	1.6E-01	5.5E-02	4.8E-10	6.1E-01	1.4E-06	1.0E-03	8.8E-10	1.6E-01	5.5E-02	7.6E-12
1.0E-03	3.8E-08	1.6E-01	5.5E-02	3.3E-10	5.3E-01	1.4E-06	1.0E-03	7.6E-10	1.6E-01	5.5E-02	6.5E-12
1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10	4.6E-01	1.4E-06	1.0E-03	6.5E-10	1.6E-01	5.5E-02	5.6E-12
1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	4.0E-01	1.4E-06	1.0E-03	5.7E-10	1.6E-01	5.5E-02	4.9E-12
1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	3.4E-01	1.4E-06	1.0E-03	4.9E-10	1.6E-01	5.5E-02	4.2E-12
1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	3.0E-01	1.4E-06	1.0E-03	4.2E-10	1.6E-01	5.5E-02	3.6E-12
1.0E-03	9.2E-09	1.6E-01	5.5E-02	7.9E-11	2.6E-01	1.4E-06	1.0E-03	3.7E-10	1.6E-01	5.5E-02	3.2E-12
1.0E-03	7.2E-09	1.6E-01	5.5E-02	6.2E-11	6.5E-01	1.4E-06	1.0E-03	9.4E-10	1.6E-01	5.5E-02	8.1E-12
1.0E-03	9.3E-09	1.6E-01	5.5E-02	8.0E-11	7.0E-01	1.4E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	8.7E-12
1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	7.4E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.1E-12
1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10	7.6E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.4E-12
1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.1E-10	7.6E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.4E-12
1.0E-03	4.0E-08	1.6E-01	5.5E-02	3.4E-10	5.3E-01	1.4E-06	1.0E-03	7.6E-10	1.6E-01	5.5E-02	6.6E-12
1.0E-03	2.9E-08	1.6E-01	5.5E-02	2.5E-10	4.7E-01	1.4E-06	1.0E-03	6.7E-10	1.6E-01	5.5E-02	5.8E-12
1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	4.1E-01	1.4E-06	1.0E-03	5.8E-10	1.6E-01	5.5E-02	5.0E-12
1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10	3.6E-01	1.4E-06	1.0E-03	5.2E-10	1.6E-01	5.5E-02	4.5E-12
1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	3.2E-01	1.4E-06	1.0E-03	4.5E-10	1.6E-01	5.5E-02	3.9E-12
1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.9E-11	2.8E-01	1.4E-06	1.0E-03	4.0E-10	1.6E-01	5.5E-02	3.4E-12
1.0E-03	8.3E-09	1.6E-01	5.5E-02	7.2E-11	2.4E-01	1.4E-06	1.0E-03	3.5E-10	1.6E-01	5.5E-02	3.0E-12
1.0E-03	6.3E-09	1.6E-01	5.5E-02	5.4E-11	5.3E-01	1.4E-06	1.0E-03	7.6E-10	1.6E-01	5.5E-02	6.5E-12
1.0E-03	7.9E-09	1.6E-01	5.5E-02	6.8E-11	5.7E-01	1.4E-06	1.0E-03	8.1E-10	1.6E-01	5.5E-02	7.0E-12
1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.7E-11	6.0E-01	1.4E-06	1.0E-03	8.5E-10	1.6E-01	5.5E-02	7.3E-12
1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	6.1E-01	1.4E-06	1.0E-03	8.8E-10	1.6E-01	5.5E-02	7.5E-12
1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.6E-10	6.2E-01	1.4E-06	1.0E-03	8.8E-10	1.6E-01	5.5E-02	7.6E-12
1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	6.1E-01	1.4E-06	1.0E-03	8.7E-10	1.6E-01	5.5E-02	7.5E-12
1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.6E-10	5.8E-01	1.4E-06	1.0E-03	8.3E-10	1.6E-01	5.5E-02	7.2E-12
1.0E-03	3.3E-08	1.6E-01	5.5E-02	2.8E-10	5.5E-01	1.4E-06	1.0E-03	7.9E-10	1.6E-01	5.5E-02	6.8E-12
1.0E-03	3.2E-08	1.6E-01	5.5E-02	2.8E-10	5.1E-01	1.4E-06	1.0E-03	7.3E-10	1.6E-01	5.5E-02	6.3E-12
1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.4E-10	4.6E-01	1.4E-06	1.0E-03	6.6E-10	1.6E-01	5.5E-02	5.7E-12
1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	4.2E-01	1.4E-06	1.0E-03	6.0E-10	1.6E-01	5.5E-02	5.1E-12
1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.5E-10	3.7E-01	1.4E-06	1.0E-03	5.2E-10	1.6E-01	5.5E-02	4.5E-12
1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	3.2E-01	1.4E-06	1.0E-03	4.6E-10	1.6E-01	5.5E-02	4.0E-12
1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	2.9E-01	1.4E-06	1.0E-03	4.2E-10	1.6E-01	5.5E-02	3.6E-12
1.0E-03	9.4E-09	1.6E-01	5.5E-02	8.1E-11	2.6E-01	1.4E-06	1.0E-03	3.7E-10	1.6E-01	5.5E-02	3.2E-12
1.0E-03	7.7E-09	1.6E-01	5.5E-02	6.6E-11	2.3E-01	1.4E-06	1.0E-03	3.3E-10	1.6E-01	5.5E-02	2.8E-12
1.0E-03	5.5E-09	1.6E-01	5.5E-02	4.7E-11	4.4E-01	1.4E-06	1.0E-03	6.3E-10	1.6E-01	5.5E-02	5.4E-12
1.0E-03	6.7E-09	1.6E-01	5.5E-02	5.8E-11	4.7E-01	1.4E-06	1.0E-03	6.7E-10	1.6E-01	5.5E-02	5.8E-12
1.0E-03	8.3E-09	1.6E-01	5.5E-02	7.1E-11	4.9E-01	1.4E-06	1.0E-03	7.0E-10	1.6E-01	5.5E-02	6.0E-12
1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.1E-11	5.0E-01	1.4E-06	1.0E-03	7.2E-10	1.6E-01	5.5E-02	6.2E-12
1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	5.1E-01	1.4E-06	1.0E-03	7.3E-10	1.6E-01	5.5E-02	6.3E-12
1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10	5.0E-01	1.4E-06	1.0E-03	7.2E-10	1.6E-01	5.5E-02	6.2E-12
1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	4.9E-01	1.4E-06	1.0E-03	7.0E-10	1.6E-01	5.5E-02	6.0E-12
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1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	4.4E-01	1.4E-06	1.0E-03	6.3E-10	1.6E-01	5.5E-02	5.4E-12
1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	4.0E-01	1.4E-06	1.0E-03	5.8E-10	1.6E-01	5.5E-02	5.0E-12
1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.6E-10	3.7E-01	1.4E-06	1.0E-03	5.3E-10	1.6E-01	5.5E-02	4.6E-12
1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	3.3E-01	1.4E-06	1.0E-03	4.8E-10	1.6E-01	5.5E-02	4.1E-12
1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	2.9E-01	1.4E-06	1.0E-03	4.2E-10	1.6E-01	5.5E-02	3.6E-12
1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.8E-11	2.7E-01	1.4E-06	1.0E-03	3.9E-10	1.6E-01	5.5E-02	3.3E-12

1.0E-03	8.5E-09	1.6E-01	5.5E-02	7.3E-11	2.4E-01	1.4E-06	1.0E-03	3.5E-10	1.6E-01	5.5E-02	3.0E-12
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1.0E-03	7.1E-09	1.6E-01	5.5E-02	6.1E-11	2.7E-01	1.4E-06	1.0E-03	3.8E-10	1.6E-01	5.5E-02	3.3E-12
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1.0E-03	7.7E-09	1.6E-01	5.5E-02	6.6E-11	2.4E-01	1.4E-06	1.0E-03	3.5E-10	1.6E-01	5.5E-02	3.0E-12
1.0E-03	7.5E-09	1.6E-01	5.5E-02	6.4E-11	2.3E-01	1.4E-06	1.0E-03	3.3E-10	1.6E-01	5.5E-02	2.9E-12
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1.0E-03	3.8E-09	1.6E-01	5.5E-02	3.3E-11	2.3E-01	1.4E-06	1.0E-03	3.3E-10	1.6E-01	5.5E-02	2.8E-12
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1.0E-03	5.4E-09	1.6E-01	5.5E-02	4.6E-11	2.4E-01	1.4E-06	1.0E-03	3.4E-10	1.6E-01	5.5E-02	2.9E-12
1.0E-03	5.8E-09	1.6E-01	5.5E-02	5.0E-11	2.4E-01	1.4E-06	1.0E-03	3.4E-10	1.6E-01	5.5E-02	2.9E-12
1.0E-03	6.2E-09	1.6E-01	5.5E-02	5.3E-11	2.3E-01	1.4E-06	1.0E-03	3.3E-10	1.6E-01	5.5E-02	2.9E-12
1.0E-03	6.3E-09	1.6E-01	5.5E-02	5.5E-11	2.3E-01	1.4E-06	1.0E-03	3.2E-10	1.6E-01	5.5E-02	2.8E-12
1.0E-03	6.4E-09	1.6E-01	5.5E-02	5.5E-11	2.2E-01	1.4E-06	1.0E-03	3.1E-10	1.6E-01	5.5E-02	2.7E-12
1.0E-03	6.2E-09	1.6E-01	5.5E-02	5.4E-11	2.1E-01	1.4E-06	1.0E-03	3.0E-10	1.6E-01	5.5E-02	2.6E-12
1.0E-03	6.0E-09	1.6E-01	5.5E-02	5.2E-11	2.0E-01	1.4E-06	1.0E-03	2.9E-10	1.6E-01	5.5E-02	2.5E-12
1.0E-03	5.7E-09	1.6E-01	5.5E-02	4.9E-11	1.9E-01	1.4E-06	1.0E-03	2.7E-10	1.6E-01	5.5E-02	2.3E-12
1.0E-03	5.3E-09	1.6E-01	5.5E-02	4.5E-11	1.8E-01	1.4E-06	1.0E-03	2.6E-10	1.6E-01	5.5E-02	2.2E-12
1.0E-03	4.8E-09	1.6E-01	5.5E-02	4.1E-11	1.7E-01	1.4E-06	1.0E-03	2.4E-10	1.6E-01	5.5E-02	2.1E-12
1.0E-03	4.2E-09	1.6E-01	5.5E-02	3.6E-11	1.5E-01	1.4E-06	1.0E-03	2.2E-10	1.6E-01	5.5E-02	1.9E-12
1.0E-03	1.9E-07	1.6E-01	5.5E-02	1.6E-09	2.2E+00	1.4E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-02	2.7E-11
1.0E-03	2.4E-07	1.6E-01	5.5E-02	2.1E-09	2.2E+00	1.4E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-02	2.7E-11
1.0E-03	3.2E-07	1.6E-01	5.5E-02	2.8E-09	2.1E+00	1.4E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-02	2.6E-11
1.0E-03	4.3E-07	1.6E-01	5.5E-02	3.7E-09	2.1E+00	1.4E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-02	2.5E-11
1.0E-03	5.7E-07	1.6E-01	5.5E-02	4.9E-09	2.0E+00	1.4E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-02	2.5E-11
1.0E-03	7.2E-07	1.6E-01	5.5E-02	6.2E-09	1.9E+00	1.4E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-02	2.4E-11
1.0E-03	8.4E-07	1.6E-01	5.5E-02	7.2E-09	1.9E+00	1.4E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-02	2.3E-11
1.0E-03	9.1E-07	1.6E-01	5.5E-02	7.8E-09	1.8E+00	1.4E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-02	2.2E-11
1.0E-03	9.3E-07	1.6E-01	5.5E-02	8.0E-09	1.7E+00	1.4E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-02	2.2E-11
1.0E-03	9.0E-07	1.6E-01	5.5E-02	7.8E-09	1.7E+00	1.4E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.1E-11
1.0E-03	8.1E-07	1.6E-01	5.5E-02	6.9E-09	1.6E+00	1.4E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11
1.0E-03	6.8E-07	1.6E-01	5.5E-02	5.9E-09	1.5E+00	1.4E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11
1.0E-03	5.6E-07	1.6E-01	5.5E-02	4.8E-09	1.5E+00	1.4E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11
1.0E-03	4.6E-07	1.6E-01	5.5E-02	4.0E-09	1.4E+00	1.4E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-02	1.7E-11
1.0E-03	3.8E-07	1.6E-01	5.5E-02	3.3E-09	1.3E+00	1.4E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-02	1.7E-11
1.0E-03	3.2E-07	1.6E-01	5.5E-02	2.7E-09	1.3E+00	1.4E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.6E-11

1.0E-03	2.7E-07	1.6E-01	5.5E-02	2.3E-09	1.2E+00	1.4E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.5E-11
1.0E-03	2.3E-07	1.6E-01	5.5E-02	2.0E-09	1.2E+00	1.4E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.4E-11
1.0E-03	1.9E-07	1.6E-01	5.5E-02	1.7E-09	1.1E+00	1.4E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.4E-11
1.0E-03	1.7E-07	1.6E-01	5.5E-02	1.4E-09	1.1E+00	1.4E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11
1.0E-03	1.5E-07	1.6E-01	5.5E-02	1.3E-09	1.0E+00	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
1.0E-03	1.3E-07	1.6E-01	5.5E-02	1.1E-09	9.5E-01	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.7E-10	9.1E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
1.0E-03	1.0E-07	1.6E-01	5.5E-02	8.6E-10	8.7E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.1E-11
1.0E-03	8.9E-08	1.6E-01	5.5E-02	7.7E-10	8.3E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11
1.0E-03	8.0E-08	1.6E-01	5.5E-02	6.9E-10	7.9E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.7E-12
1.0E-03	2.2E-07	1.6E-01	5.5E-02	1.9E-09	2.0E+00	1.4E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-02	2.5E-11
1.0E-03	2.9E-07	1.6E-01	5.5E-02	2.5E-09	2.0E+00	1.4E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-02	2.5E-11
1.0E-03	4.0E-07	1.6E-01	5.5E-02	3.5E-09	2.0E+00	1.4E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-02	2.4E-11
1.0E-03	5.7E-07	1.6E-01	5.5E-02	4.9E-09	1.9E+00	1.4E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-02	2.4E-11
1.0E-03	2.0E-07	1.6E-01	5.5E-02	1.8E-09	1.9E+00	1.4E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-02	2.3E-11
1.0E-03	2.9E-07	1.6E-01	5.5E-02	2.5E-09	1.8E+00	1.4E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-02	2.2E-11
1.0E-03	4.2E-07	1.6E-01	5.5E-02	3.6E-09	1.8E+00	1.4E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-02	2.2E-11
1.0E-03	6.2E-07	1.6E-01	5.5E-02	5.3E-09	1.7E+00	1.4E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.1E-11
1.0E-03	6.3E-07	1.6E-01	5.5E-02	5.4E-09	1.6E+00	1.4E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.0E-11
1.0E-03	4.7E-07	1.6E-01	5.5E-02	4.0E-09	1.6E+00	1.4E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11
1.0E-03	3.5E-07	1.6E-01	5.5E-02	3.0E-09	1.5E+00	1.4E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11
1.0E-03	9.1E-07	1.6E-01	5.5E-02	7.8E-09	1.5E+00	1.4E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11
1.0E-03	6.9E-07	1.6E-01	5.5E-02	5.9E-09	1.4E+00	1.4E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-02	1.7E-11
1.0E-03	5.3E-07	1.6E-01	5.5E-02	4.6E-09	1.3E+00	1.4E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-02	1.7E-11
1.0E-03	4.2E-07	1.6E-01	5.5E-02	3.6E-09	1.3E+00	1.4E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.6E-11
1.0E-03	3.4E-07	1.6E-01	5.5E-02	2.9E-09	1.2E+00	1.4E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.5E-11
1.0E-03	2.8E-07	1.6E-01	5.5E-02	2.4E-09	1.2E+00	1.4E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.4E-11
1.0E-03	2.3E-07	1.6E-01	5.5E-02	2.0E-09	1.1E+00	1.4E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.4E-11
1.0E-03	2.0E-07	1.6E-01	5.5E-02	1.7E-09	1.1E+00	1.4E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11
1.0E-03	1.7E-07	1.6E-01	5.5E-02	1.5E-09	1.0E+00	1.4E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11
1.0E-03	1.5E-07	1.6E-01	5.5E-02	1.3E-09	9.7E-01	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
1.0E-03	1.3E-07	1.6E-01	5.5E-02	1.1E-09	9.2E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.6E-10	8.8E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
1.0E-03	9.9E-08	1.6E-01	5.5E-02	8.5E-10	8.4E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11
1.0E-03	8.8E-08	1.6E-01	5.5E-02	7.6E-10	8.0E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	9.9E-12
1.0E-03	7.9E-08	1.6E-01	5.5E-02	6.8E-10	7.7E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.5E-12
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1.0E-03	3.3E-07	1.6E-01	5.5E-02	2.9E-09	1.9E+00	1.4E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-02	2.3E-11
1.0E-03	4.9E-07	1.6E-01	5.5E-02	4.2E-09	1.8E+00	1.4E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-02	2.3E-11
1.0E-03	7.5E-07	1.6E-01	5.5E-02	6.5E-09	1.8E+00	1.4E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-02	2.2E-11
1.0E-03	2.4E-07	1.6E-01	5.5E-02	2.1E-09	1.7E+00	1.4E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-02	2.2E-11
1.0E-03	3.6E-07	1.6E-01	5.5E-02	3.1E-09	1.7E+00	1.4E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.1E-11
1.0E-03	5.8E-07	1.6E-01	5.5E-02	5.0E-09	1.7E+00	1.4E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.0E-11
1.0E-03	0.0E+00	1.6E-01	5.5E-02	0.0E+00	1.6E+00	1.4E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11
1.0E-03	0.0E+00	1.6E-01	5.5E-02	0.0E+00	1.6E+00	1.4E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11
1.0E-03	5.8E-07	1.6E-01	5.5E-02	5.0E-09	1.5E+00	1.4E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11
1.0E-03	4.0E-07	1.6E-01	5.5E-02	3.5E-09	1.4E+00	1.4E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11
1.0E-03	3.0E-07	1.6E-01	5.5E-02	2.6E-09	1.4E+00	1.4E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-02	1.7E-11
1.0E-03	8.2E-07	1.6E-01	5.5E-02	7.0E-09	1.3E+00	1.4E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-02	1.6E-11

1.0E-03	5.9E-07	1.6E-01	5.5E-02	5.1E-09	1.3E+00	1.4E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.6E-11
1.0E-03	4.5E-07	1.6E-01	5.5E-02	3.9E-09	1.2E+00	1.4E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.5E-11
1.0E-03	3.6E-07	1.6E-01	5.5E-02	3.1E-09	1.2E+00	1.4E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.4E-11
1.0E-03	2.9E-07	1.6E-01	5.5E-02	2.5E-09	1.1E+00	1.4E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.4E-11
1.0E-03	2.4E-07	1.6E-01	5.5E-02	2.0E-09	1.1E+00	1.4E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11
1.0E-03	2.0E-07	1.6E-01	5.5E-02	1.7E-09	1.0E+00	1.4E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11
1.0E-03	1.7E-07	1.6E-01	5.5E-02	1.5E-09	9.8E-01	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
1.0E-03	1.4E-07	1.6E-01	5.5E-02	1.2E-09	9.4E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.2E-11
1.0E-03	1.3E-07	1.6E-01	5.5E-02	1.1E-09	9.0E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.5E-10	8.6E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.1E-11
1.0E-03	9.7E-08	1.6E-01	5.5E-02	8.3E-10	8.2E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11
1.0E-03	8.6E-08	1.6E-01	5.5E-02	7.4E-10	7.8E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.6E-12
1.0E-03	7.7E-08	1.6E-01	5.5E-02	6.6E-10	7.5E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.2E-12
1.0E-03	2.5E-07	1.6E-01	5.5E-02	2.2E-09	1.8E+00	1.4E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-02	2.2E-11
1.0E-03	3.6E-07	1.6E-01	5.5E-02	3.1E-09	1.8E+00	1.4E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-02	2.2E-11
1.0E-03	5.5E-07	1.6E-01	5.5E-02	4.7E-09	1.7E+00	1.4E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-02	2.1E-11
1.0E-03	1.7E-07	1.6E-01	5.5E-02	1.5E-09	1.7E+00	1.4E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.1E-11
1.0E-03	2.6E-07	1.6E-01	5.5E-02	2.3E-09	1.6E+00	1.4E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11
1.0E-03	4.1E-07	1.6E-01	5.5E-02	3.6E-09	1.6E+00	1.4E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11
1.0E-03	0.0E+00	1.6E-01	5.5E-02	0.0E+00	1.6E+00	1.4E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11
1.0E-03	0.0E+00	1.6E-01	5.5E-02	0.0E+00	1.5E+00	1.4E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11
1.0E-03	0.0E+00	1.6E-01	5.5E-02	0.0E+00	1.5E+00	1.4E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11
1.0E-03	6.6E-07	1.6E-01	5.5E-02	5.7E-09	1.4E+00	1.4E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-02	1.7E-11
1.0E-03	4.3E-07	1.6E-01	5.5E-02	3.7E-09	1.4E+00	1.4E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-02	1.7E-11
1.0E-03	3.1E-07	1.6E-01	5.5E-02	2.6E-09	1.3E+00	1.4E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-02	1.6E-11
1.0E-03	9.1E-07	1.6E-01	5.5E-02	7.8E-09	1.3E+00	1.4E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.6E-11
1.0E-03	6.2E-07	1.6E-01	5.5E-02	5.3E-09	1.2E+00	1.4E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.5E-11
1.0E-03	4.6E-07	1.6E-01	5.5E-02	3.9E-09	1.2E+00	1.4E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.4E-11
1.0E-03	3.6E-07	1.6E-01	5.5E-02	3.1E-09	1.1E+00	1.4E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.4E-11
1.0E-03	2.9E-07	1.6E-01	5.5E-02	2.5E-09	1.1E+00	1.4E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11
1.0E-03	2.3E-07	1.6E-01	5.5E-02	2.0E-09	1.0E+00	1.4E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11
1.0E-03	1.9E-07	1.6E-01	5.5E-02	1.7E-09	9.9E-01	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
1.0E-03	1.6E-07	1.6E-01	5.5E-02	1.4E-09	9.5E-01	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
1.0E-03	1.4E-07	1.6E-01	5.5E-02	1.2E-09	9.1E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09	8.7E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.1E-11
1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.2E-10	8.3E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11
1.0E-03	9.4E-08	1.6E-01	5.5E-02	8.1E-10	7.9E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.8E-12
1.0E-03	8.3E-08	1.6E-01	5.5E-02	7.2E-10	7.6E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.4E-12
1.0E-03	7.4E-08	1.6E-01	5.5E-02	6.4E-10	7.3E-01	1.4E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	9.0E-12
1.0E-03	2.5E-07	1.6E-01	5.5E-02	2.2E-09	1.7E+00	1.4E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.1E-11
1.0E-03	3.6E-07	1.6E-01	5.5E-02	3.1E-09	1.6E+00	1.4E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.0E-11
1.0E-03	5.6E-07	1.6E-01	5.5E-02	4.8E-09	1.6E+00	1.4E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11
1.0E-03	1.8E-07	1.6E-01	5.5E-02	1.5E-09	1.6E+00	1.4E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	1.9E-11
1.0E-03	2.6E-07	1.6E-01	5.5E-02	2.3E-09	1.5E+00	1.4E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11
1.0E-03	2.7E-07	1.6E-01	5.5E-02	2.4E-09	1.0E+00	1.4E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11
1.0E-03	2.2E-07	1.6E-01	5.5E-02	1.9E-09	1.0E+00	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
1.0E-03	1.9E-07	1.6E-01	5.5E-02	1.6E-09	9.5E-01	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
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1.0E-03	1.3E-07	1.6E-01	5.5E-02	1.2E-09	8.8E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11

1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09	8.4E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11
1.0E-03	1.0E-07	1.6E-01	5.5E-02	8.8E-10	8.1E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	9.9E-12
1.0E-03	9.0E-08	1.6E-01	5.5E-02	7.8E-10	7.7E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.5E-12
1.0E-03	8.0E-08	1.6E-01	5.5E-02	6.9E-10	7.4E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.1E-12
1.0E-03	7.2E-08	1.6E-01	5.5E-02	6.2E-10	7.1E-01	1.4E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	8.8E-12
1.0E-03	2.4E-07	1.6E-01	5.5E-02	2.1E-09	1.6E+00	1.4E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11
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1.0E-03	5.0E-07	1.6E-01	5.5E-02	4.3E-09	1.5E+00	1.4E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11
1.0E-03	1.7E-07	1.6E-01	5.5E-02	1.4E-09	1.5E+00	1.4E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11
1.0E-03	2.4E-07	1.6E-01	5.5E-02	2.1E-09	1.5E+00	1.4E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11
1.0E-03	2.5E-07	1.6E-01	5.5E-02	2.2E-09	1.0E+00	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
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1.0E-03	9.7E-08	1.6E-01	5.5E-02	8.3E-10	7.8E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.6E-12
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1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09	8.2E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11
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1.0E-03	3.3E-07	1.6E-01	5.5E-02	2.8E-09	1.4E+00	1.4E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-02	1.7E-11
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1.0E-03	5.8E-07	1.6E-01	5.5E-02	5.0E-09	1.3E+00	1.4E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-02	1.6E-11
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1.0E-03	1.7E-07	1.6E-01	5.5E-02	1.5E-09	8.9E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
1.0E-03	1.5E-07	1.6E-01	5.5E-02	1.3E-09	8.6E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.1E-11
1.0E-03	1.3E-07	1.6E-01	5.5E-02	1.1E-09	8.3E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11
1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.5E-10	8.0E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.8E-12
1.0E-03	9.7E-08	1.6E-01	5.5E-02	8.4E-10	7.7E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.4E-12
1.0E-03	8.6E-08	1.6E-01	5.5E-02	7.4E-10	7.4E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.1E-12
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1.0E-03	6.8E-08	1.6E-01	5.5E-02	5.8E-10	6.8E-01	1.4E-06	1.0E-03	9.8E-10	1.6E-01	5.5E-02	8.4E-12

1.0E-03	6.1E-08	1.6E-01	5.5E-02	5.3E-10	6.6E-01	1.4E-06	1.0E-03	9.4E-10	1.6E-01	5.5E-02	8.1E-12
1.0E-03	1.7E-07	1.6E-01	5.5E-02	1.4E-09	1.3E+00	1.4E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-02	1.6E-11
1.0E-03	2.1E-07	1.6E-01	5.5E-02	1.8E-09	1.3E+00	1.4E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-02	1.6E-11
1.0E-03	2.6E-07	1.6E-01	5.5E-02	2.2E-09	1.3E+00	1.4E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.6E-11
1.0E-03	3.3E-07	1.6E-01	5.5E-02	2.8E-09	1.3E+00	1.4E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.6E-11
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1.0E-03	1.8E-07	1.6E-01	5.5E-02	1.5E-09	8.9E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
1.0E-03	1.5E-07	1.6E-01	5.5E-02	1.3E-09	8.6E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.1E-11
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1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09	8.0E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.8E-12
1.0E-03	1.0E-07	1.6E-01	5.5E-02	8.8E-10	7.7E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.5E-12
1.0E-03	9.0E-08	1.6E-01	5.5E-02	7.7E-10	7.4E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.2E-12
1.0E-03	8.0E-08	1.6E-01	5.5E-02	6.9E-10	7.2E-01	1.4E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	8.8E-12
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1.0E-03	6.4E-08	1.6E-01	5.5E-02	5.5E-10	6.6E-01	1.4E-06	1.0E-03	9.5E-10	1.6E-01	5.5E-02	8.2E-12
1.0E-03	5.8E-08	1.6E-01	5.5E-02	5.0E-10	6.4E-01	1.4E-06	1.0E-03	9.2E-10	1.6E-01	5.5E-02	7.9E-12
1.0E-03	1.4E-07	1.6E-01	5.5E-02	1.2E-09	1.2E+00	1.4E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.5E-11
1.0E-03	1.7E-07	1.6E-01	5.5E-02	1.5E-09	1.2E+00	1.4E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.5E-11
1.0E-03	2.1E-07	1.6E-01	5.5E-02	1.8E-09	1.2E+00	1.4E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.5E-11
1.0E-03	2.5E-07	1.6E-01	5.5E-02	2.2E-09	1.2E+00	1.4E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.5E-11
1.0E-03	3.0E-07	1.6E-01	5.5E-02	2.6E-09	1.2E+00	1.4E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.4E-11
1.0E-03	1.6E-07	1.6E-01	5.5E-02	1.3E-09	8.5E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.1E-11
1.0E-03	1.4E-07	1.6E-01	5.5E-02	1.2E-09	8.3E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11
1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09	8.0E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.9E-12
1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.1E-10	7.7E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.5E-12
1.0E-03	9.4E-08	1.6E-01	5.5E-02	8.1E-10	7.5E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.2E-12
1.0E-03	8.3E-08	1.6E-01	5.5E-02	7.2E-10	7.2E-01	1.4E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	8.9E-12
1.0E-03	7.4E-08	1.6E-01	5.5E-02	6.4E-10	7.0E-01	1.4E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	8.6E-12
1.0E-03	6.7E-08	1.6E-01	5.5E-02	5.8E-10	6.7E-01	1.4E-06	1.0E-03	9.6E-10	1.6E-01	5.5E-02	8.3E-12
1.0E-03	6.0E-08	1.6E-01	5.5E-02	5.2E-10	6.5E-01	1.4E-06	1.0E-03	9.3E-10	1.6E-01	5.5E-02	8.0E-12
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1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09	1.2E+00	1.4E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.5E-11
1.0E-03	1.4E-07	1.6E-01	5.5E-02	1.2E-09	1.2E+00	1.4E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.4E-11
1.0E-03	1.7E-07	1.6E-01	5.5E-02	1.4E-09	1.2E+00	1.4E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.4E-11
1.0E-03	2.0E-07	1.6E-01	5.5E-02	1.7E-09	1.1E+00	1.4E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.4E-11
1.0E-03	2.3E-07	1.6E-01	5.5E-02	2.0E-09	1.1E+00	1.4E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.4E-11
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1.0E-03	1.4E-07	1.6E-01	5.5E-02	1.2E-09	1.1E+00	1.4E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.4E-11

1.0E-03	1.6E-07	1.6E-01	5.5E-02	1.4E-09	1.1E+00	1.4E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11
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1.0E-03	8.5E-08	1.6E-01	5.5E-02	7.3E-10	7.1E-01	1.4E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	8.8E-12
1.0E-03	7.9E-08	1.6E-01	5.5E-02	6.8E-10	6.9E-01	1.4E-06	1.0E-03	9.9E-10	1.6E-01	5.5E-02	8.6E-12

1.0E-03	7.2E-08	1.6E-01	5.5E-02	6.2E-10	6.7E-01	1.4E-06	1.0E-03	9.7E-10	1.6E-01	5.5E-02	8.3E-12
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1.0E-03	8.2E-08	1.6E-01	5.5E-02	7.0E-10	8.9E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
1.0E-03	8.8E-08	1.6E-01	5.5E-02	7.6E-10	8.8E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
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1.0E-03	6.6E-08	1.6E-01	5.5E-02	5.7E-10	6.5E-01	1.4E-06	1.0E-03	9.3E-10	1.6E-01	5.5E-02	8.0E-12
1.0E-03	6.1E-08	1.6E-01	5.5E-02	5.2E-10	6.3E-01	1.4E-06	1.0E-03	9.1E-10	1.6E-01	5.5E-02	7.8E-12
1.0E-03	5.6E-08	1.6E-01	5.5E-02	4.8E-10	6.1E-01	1.4E-06	1.0E-03	8.8E-10	1.6E-01	5.5E-02	7.6E-12
1.0E-03	5.1E-08	1.6E-01	5.5E-02	4.4E-10	6.0E-01	1.4E-06	1.0E-03	8.5E-10	1.6E-01	5.5E-02	7.3E-12
1.0E-03	4.8E-08	1.6E-01	5.5E-02	4.1E-10	5.8E-01	1.4E-06	1.0E-03	8.3E-10	1.6E-01	5.5E-02	7.1E-12
1.0E-03	4.4E-08	1.6E-01	5.5E-02	3.8E-10	5.6E-01	1.4E-06	1.0E-03	8.1E-10	1.6E-01	5.5E-02	6.9E-12
1.0E-03	4.1E-08	1.6E-01	5.5E-02	3.5E-10	5.5E-01	1.4E-06	1.0E-03	7.8E-10	1.6E-01	5.5E-02	6.7E-12
1.0E-03	3.8E-08	1.6E-01	5.5E-02	3.3E-10	5.3E-01	1.4E-06	1.0E-03	7.6E-10	1.6E-01	5.5E-02	6.5E-12
1.0E-03	5.4E-08	1.6E-01	5.5E-02	4.7E-10	8.8E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
1.0E-03	6.0E-08	1.6E-01	5.5E-02	5.1E-10	8.7E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
1.0E-03	6.5E-08	1.6E-01	5.5E-02	5.6E-10	8.6E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.1E-11
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1.0E-03	5.0E-08	1.6E-01	5.5E-02	4.3E-10	5.9E-01	1.4E-06	1.0E-03	8.4E-10	1.6E-01	5.5E-02	7.3E-12
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1.0E-03	4.3E-08	1.6E-01	5.5E-02	3.7E-10	5.6E-01	1.4E-06	1.0E-03	8.0E-10	1.6E-01	5.5E-02	6.9E-12
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1.0E-03	3.3E-08	1.6E-01	5.5E-02	2.8E-10	5.0E-01	1.4E-06	1.0E-03	7.1E-10	1.6E-01	5.5E-02	6.1E-12
1.0E-03	4.4E-08	1.6E-01	5.5E-02	3.8E-10	8.1E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	9.9E-12
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1.0E-03	3.3E-08	1.6E-01	5.5E-02	2.9E-10	5.0E-01	1.4E-06	1.0E-03	7.1E-10	1.6E-01	5.5E-02	6.1E-12
1.0E-03	3.2E-08	1.6E-01	5.5E-02	2.7E-10	4.8E-01	1.4E-06	1.0E-03	6.9E-10	1.6E-01	5.5E-02	6.0E-12
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1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.4E-10	4.6E-01	1.4E-06	1.0E-03	6.6E-10	1.6E-01	5.5E-02	5.7E-12
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1.0E-03	3.6E-08	1.6E-01	5.5E-02	3.1E-10	6.7E-01	1.4E-06	1.0E-03	9.5E-10	1.6E-01	5.5E-02	8.2E-12
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1.0E-03	3.3E-08	1.6E-01	5.5E-02	2.8E-10	4.9E-01	1.4E-06	1.0E-03	7.1E-10	1.6E-01	5.5E-02	6.1E-12
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1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.4E-10	4.6E-01	1.4E-06	1.0E-03	6.6E-10	1.6E-01	5.5E-02	5.7E-12
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1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.4E-10	6.5E-01	1.4E-06	1.0E-03	9.4E-10	1.6E-01	5.5E-02	8.1E-12
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1.0E-03	3.3E-08	1.6E-01	5.5E-02	2.8E-10	6.4E-01	1.4E-06	1.0E-03	9.2E-10	1.6E-01	5.5E-02	7.9E-12
1.0E-03	3.4E-08	1.6E-01	5.5E-02	3.0E-10	6.3E-01	1.4E-06	1.0E-03	9.1E-10	1.6E-01	5.5E-02	7.8E-12
1.0E-03	3.2E-08	1.6E-01	5.5E-02	2.8E-10	4.9E-01	1.4E-06	1.0E-03	7.0E-10	1.6E-01	5.5E-02	6.0E-12
1.0E-03	3.1E-08	1.6E-01	5.5E-02	2.7E-10	4.8E-01	1.4E-06	1.0E-03	6.9E-10	1.6E-01	5.5E-02	5.9E-12
1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.6E-10	4.7E-01	1.4E-06	1.0E-03	6.7E-10	1.6E-01	5.5E-02	5.8E-12
1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.4E-10	4.6E-01	1.4E-06	1.0E-03	6.6E-10	1.6E-01	5.5E-02	5.7E-12
1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10	4.5E-01	1.4E-06	1.0E-03	6.4E-10	1.6E-01	5.5E-02	5.5E-12
1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.2E-10	4.4E-01	1.4E-06	1.0E-03	6.3E-10	1.6E-01	5.5E-02	5.4E-12
1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.3E-10	6.3E-01	1.4E-06	1.0E-03	9.0E-10	1.6E-01	5.5E-02	7.8E-12
1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.4E-10	6.3E-01	1.4E-06	1.0E-03	8.9E-10	1.6E-01	5.5E-02	7.7E-12
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1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.4E-10	5.1E-01	1.4E-06	1.0E-03	7.3E-10	1.6E-01	5.5E-02	6.3E-12
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1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.4E-10	4.9E-01	1.4E-06	1.0E-03	6.9E-10	1.6E-01	5.5E-02	6.0E-12
1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.4E-10	4.8E-01	1.4E-06	1.0E-03	6.8E-10	1.6E-01	5.5E-02	5.9E-12
1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10	4.7E-01	1.4E-06	1.0E-03	6.7E-10	1.6E-01	5.5E-02	5.8E-12
1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10	4.6E-01	1.4E-06	1.0E-03	6.6E-10	1.6E-01	5.5E-02	5.7E-12
1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.3E-10	4.5E-01	1.4E-06	1.0E-03	6.5E-10	1.6E-01	5.5E-02	5.6E-12
1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.2E-10	4.5E-01	1.4E-06	1.0E-03	6.4E-10	1.6E-01	5.5E-02	5.5E-12
1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.1E-10	4.4E-01	1.4E-06	1.0E-03	6.3E-10	1.6E-01	5.5E-02	5.4E-12
1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	4.3E-01	1.4E-06	1.0E-03	6.2E-10	1.6E-01	5.5E-02	5.3E-12
1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	4.2E-01	1.4E-06	1.0E-03	6.0E-10	1.6E-01	5.5E-02	5.2E-12
1.0E-03	2.3E-08	1.6E-01	5.5E-02	1.9E-10	4.1E-01	1.4E-06	1.0E-03	5.9E-10	1.6E-01	5.5E-02	5.1E-12
1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	4.1E-01	1.4E-06	1.0E-03	5.8E-10	1.6E-01	5.5E-02	5.0E-12
1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	4.0E-01	1.4E-06	1.0E-03	5.7E-10	1.6E-01	5.5E-02	4.9E-12
1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	5.4E-01	1.4E-06	1.0E-03	7.7E-10	1.6E-01	5.5E-02	6.7E-12
1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.8E-10	5.4E-01	1.4E-06	1.0E-03	7.7E-10	1.6E-01	5.5E-02	6.6E-12
1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	5.3E-01	1.4E-06	1.0E-03	7.6E-10	1.6E-01	5.5E-02	6.6E-12
1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	5.3E-01	1.4E-06	1.0E-03	7.6E-10	1.6E-01	5.5E-02	6.5E-12
1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	5.3E-01	1.4E-06	1.0E-03	7.5E-10	1.6E-01	5.5E-02	6.5E-12
1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	5.2E-01	1.4E-06	1.0E-03	7.5E-10	1.6E-01	5.5E-02	6.4E-12
1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	5.2E-01	1.4E-06	1.0E-03	7.4E-10	1.6E-01	5.5E-02	6.4E-12
1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.1E-10	5.1E-01	1.4E-06	1.0E-03	7.3E-10	1.6E-01	5.5E-02	6.3E-12
1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.2E-10	5.1E-01	1.4E-06	1.0E-03	7.3E-10	1.6E-01	5.5E-02	6.3E-12
1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.2E-10	5.0E-01	1.4E-06	1.0E-03	7.2E-10	1.6E-01	5.5E-02	6.2E-12
1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.2E-10	5.0E-01	1.4E-06	1.0E-03	7.1E-10	1.6E-01	5.5E-02	6.1E-12
1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.2E-10	4.9E-01	1.4E-06	1.0E-03	7.0E-10	1.6E-01	5.5E-02	6.0E-12
1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.2E-10	4.8E-01	1.4E-06	1.0E-03	6.9E-10	1.6E-01	5.5E-02	6.0E-12
1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.2E-10	4.8E-01	1.4E-06	1.0E-03	6.8E-10	1.6E-01	5.5E-02	5.9E-12
1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.2E-10	4.7E-01	1.4E-06	1.0E-03	6.7E-10	1.6E-01	5.5E-02	5.8E-12
1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.2E-10	4.6E-01	1.4E-06	1.0E-03	6.6E-10	1.6E-01	5.5E-02	5.7E-12
1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.2E-10	4.6E-01	1.4E-06	1.0E-03	6.5E-10	1.6E-01	5.5E-02	5.6E-12
1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.2E-10	4.5E-01	1.4E-06	1.0E-03	6.4E-10	1.6E-01	5.5E-02	5.5E-12
1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.1E-10	4.4E-01	1.4E-06	1.0E-03	6.3E-10	1.6E-01	5.5E-02	5.4E-12
1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	4.3E-01	1.4E-06	1.0E-03	6.2E-10	1.6E-01	5.5E-02	5.4E-12
1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	4.3E-01	1.4E-06	1.0E-03	6.1E-10	1.6E-01	5.5E-02	5.3E-12
1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	4.2E-01	1.4E-06	1.0E-03	6.0E-10	1.6E-01	5.5E-02	5.2E-12
1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	4.1E-01	1.4E-06	1.0E-03	5.9E-10	1.6E-01	5.5E-02	5.1E-12
1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	4.0E-01	1.4E-06	1.0E-03	5.8E-10	1.6E-01	5.5E-02	5.0E-12

1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	4.0E-01	1.4E-06	1.0E-03	5.7E-10	1.6E-01	5.5E-02	4.9E-12
1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	3.9E-01	1.4E-06	1.0E-03	5.6E-10	1.6E-01	5.5E-02	4.8E-12
1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.6E-10	5.2E-01	1.4E-06	1.0E-03	7.5E-10	1.6E-01	5.5E-02	6.4E-12
1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.6E-10	5.2E-01	1.4E-06	1.0E-03	7.4E-10	1.6E-01	5.5E-02	6.4E-12
1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	5.2E-01	1.4E-06	1.0E-03	7.4E-10	1.6E-01	5.5E-02	6.4E-12
1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.8E-10	5.1E-01	1.4E-06	1.0E-03	7.3E-10	1.6E-01	5.5E-02	6.3E-12
1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	5.1E-01	1.4E-06	1.0E-03	7.3E-10	1.6E-01	5.5E-02	6.3E-12
1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	5.0E-01	1.4E-06	1.0E-03	7.2E-10	1.6E-01	5.5E-02	6.2E-12
1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	5.0E-01	1.4E-06	1.0E-03	7.2E-10	1.6E-01	5.5E-02	6.2E-12
1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	5.0E-01	1.4E-06	1.0E-03	7.1E-10	1.6E-01	5.5E-02	6.1E-12
1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	4.9E-01	1.4E-06	1.0E-03	7.0E-10	1.6E-01	5.5E-02	6.0E-12
1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.0E-10	4.9E-01	1.4E-06	1.0E-03	7.0E-10	1.6E-01	5.5E-02	6.0E-12
1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	4.8E-01	1.4E-06	1.0E-03	6.9E-10	1.6E-01	5.5E-02	5.9E-12
1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	4.7E-01	1.4E-06	1.0E-03	6.8E-10	1.6E-01	5.5E-02	5.8E-12
1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	4.7E-01	1.4E-06	1.0E-03	6.7E-10	1.6E-01	5.5E-02	5.8E-12
1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	4.6E-01	1.4E-06	1.0E-03	6.6E-10	1.6E-01	5.5E-02	5.7E-12
1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	4.6E-01	1.4E-06	1.0E-03	6.5E-10	1.6E-01	5.5E-02	5.6E-12
1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	4.5E-01	1.4E-06	1.0E-03	6.4E-10	1.6E-01	5.5E-02	5.5E-12
1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.0E-10	4.4E-01	1.4E-06	1.0E-03	6.3E-10	1.6E-01	5.5E-02	5.5E-12
1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	4.4E-01	1.4E-06	1.0E-03	6.2E-10	1.6E-01	5.5E-02	5.4E-12
1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	4.3E-01	1.4E-06	1.0E-03	6.1E-10	1.6E-01	5.5E-02	5.3E-12
1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	4.2E-01	1.4E-06	1.0E-03	6.0E-10	1.6E-01	5.5E-02	5.2E-12
1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	4.1E-01	1.4E-06	1.0E-03	5.9E-10	1.6E-01	5.5E-02	5.1E-12
1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	4.1E-01	1.4E-06	1.0E-03	5.8E-10	1.6E-01	5.5E-02	5.0E-12
1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	4.0E-01	1.4E-06	1.0E-03	5.7E-10	1.6E-01	5.5E-02	4.9E-12
1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	3.9E-01	1.4E-06	1.0E-03	5.6E-10	1.6E-01	5.5E-02	4.8E-12
1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	3.9E-01	1.4E-06	1.0E-03	5.5E-10	1.6E-01	5.5E-02	4.8E-12
1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.6E-10	3.8E-01	1.4E-06	1.0E-03	5.4E-10	1.6E-01	5.5E-02	4.7E-12

Risk From New Building Grading - Unmitigated Residential

Franklin School Project

Risk From New Building Grading - Unmitigated Residential

	0.84	Max							
						Onsite			
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
1	0.00	3.0E-09	2.0E-01	6.7E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.0E-09
2	0.00	3.3E-09	2.2E-01	6.7E-03	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
3	0.00	3.6E-09	2.4E-01	6.7E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.6E-09
4	0.00	3.9E-09	2.6E-01	6.7E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.9E-09
5	0.00	4.3E-09	2.9E-01	6.7E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.3E-09
6	0.00	4.6E-09	3.1E-01	6.7E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.6E-09
7	0.00	5.0E-09	3.3E-01	6.7E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.0E-09
8	0.01	5.3E-09	3.5E-01	6.7E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.3E-09
9	0.01	5.6E-09	3.7E-01	6.7E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.6E-09
10	0.01	5.9E-09	3.9E-01	6.7E-03	1.0E-03	2.7E-06	1.6E-01	1.4E-02	5.9E-09
11	0.01	6.4E-09	4.2E-01	6.7E-03	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.4E-09
12	0.01	6.8E-09	4.5E-01	6.7E-03	1.0E-03	3.2E-06	1.6E-01	1.4E-02	6.8E-09
13	0.01	7.3E-09	4.8E-01	6.7E-03	1.0E-03	3.4E-06	1.6E-01	1.4E-02	7.3E-09
14	0.01	7.6E-09	5.0E-01	6.7E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.6E-09
15	0.01	7.8E-09	5.2E-01	6.7E-03	1.0E-03	3.6E-06	1.6E-01	1.4E-02	7.8E-09
16	0.01	7.9E-09	5.3E-01	6.7E-03	1.0E-03	3.7E-06	1.6E-01	1.4E-02	7.9E-09
17	0.00	3.3E-09	2.2E-01	6.7E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.3E-09
18	0.00	3.7E-09	2.5E-01	6.7E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09
19	0.00	4.2E-09	2.8E-01	6.7E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.2E-09
20	0.00	4.6E-09	3.1E-01	6.7E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.6E-09
21	0.01	5.1E-09	3.4E-01	6.7E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.1E-09
22	0.01	5.6E-09	3.7E-01	6.7E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.6E-09
23	0.01	6.1E-09	4.0E-01	6.7E-03	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.1E-09
24	0.01	6.5E-09	4.3E-01	6.7E-03	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.5E-09
25	0.01	7.0E-09	4.6E-01	6.7E-03	1.0E-03	3.2E-06	1.6E-01	1.4E-02	7.0E-09
26	0.01	7.4E-09	4.9E-01	6.7E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.4E-09
27	0.01	8.2E-09	5.4E-01	6.7E-03	1.0E-03	3.8E-06	1.6E-01	1.4E-02	8.2E-09
28	0.01	8.8E-09	5.9E-01	6.7E-03	1.0E-03	4.1E-06	1.6E-01	1.4E-02	8.8E-09
29	0.01	9.4E-09	6.2E-01	6.7E-03	1.0E-03	4.4E-06	1.6E-01	1.4E-02	9.4E-09
30	0.01	9.8E-09	6.5E-01	6.7E-03	1.0E-03	4.5E-06	1.6E-01	1.4E-02	9.8E-09
31	0.01	9.9E-09	6.6E-01	6.7E-03	1.0E-03	4.6E-06	1.6E-01	1.4E-02	9.9E-09
32	0.01	9.9E-09	6.5E-01	6.7E-03	1.0E-03	4.6E-06	1.6E-01	1.4E-02	9.9E-09
33	0.00	3.8E-09	2.5E-01	6.7E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.8E-09
34	0.00	4.3E-09	2.8E-01	6.7E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.3E-09
35	0.00	4.8E-09	3.2E-01	6.7E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09
36	0.01	5.5E-09	3.6E-01	6.7E-03	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.5E-09
37	0.01	6.2E-09	4.1E-01	6.7E-03	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.2E-09
38	0.01	6.9E-09	4.6E-01	6.7E-03	1.0E-03	3.2E-06	1.6E-01	1.4E-02	6.9E-09
39	0.01	7.6E-09	5.1E-01	6.7E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.6E-09
40	0.01	8.3E-09	5.5E-01	6.7E-03	1.0E-03	3.8E-06	1.6E-01	1.4E-02	8.3E-09
41	0.01	9.0E-09	5.9E-01	6.7E-03	1.0E-03	4.2E-06	1.6E-01	1.4E-02	9.0E-09
42	0.01	9.7E-09	6.5E-01	6.7E-03	1.0E-03	4.5E-06	1.6E-01	1.4E-02	9.7E-09
43	0.01	1.1E-08	7.2E-01	6.7E-03	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08

44	0.01	1.2E-08	7.8E-01	6.7E-03	1.0E-03	5.5E-06	1.6E-01	1.4E-02	1.2E-08
45	0.01	1.2E-08	8.3E-01	6.7E-03	1.0E-03	5.8E-06	1.6E-01	1.4E-02	1.2E-08
46	0.01	1.3E-08	8.5E-01	6.7E-03	1.0E-03	5.9E-06	1.6E-01	1.4E-02	1.3E-08
47	0.01	1.3E-08	8.4E-01	6.7E-03	1.0E-03	5.9E-06	1.6E-01	1.4E-02	1.3E-08
48	0.01	1.2E-08	8.1E-01	6.7E-03	1.0E-03	5.7E-06	1.6E-01	1.4E-02	1.2E-08
49	0.00	4.2E-09	2.8E-01	6.7E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.2E-09
50	0.00	4.9E-09	3.2E-01	6.7E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	4.9E-09
51	0.01	5.7E-09	3.8E-01	6.7E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.7E-09
52	0.01	6.6E-09	4.4E-01	6.7E-03	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.6E-09
53	0.01	7.6E-09	5.0E-01	6.7E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.6E-09
54	0.01	8.7E-09	5.8E-01	6.7E-03	1.0E-03	4.0E-06	1.6E-01	1.4E-02	8.7E-09
55	0.01	9.8E-09	6.5E-01	6.7E-03	1.0E-03	4.6E-06	1.6E-01	1.4E-02	9.8E-09
56	0.01	1.1E-08	7.2E-01	6.7E-03	1.0E-03	5.0E-06	1.6E-01	1.4E-02	1.1E-08
57	0.01	1.2E-08	7.9E-01	6.7E-03	1.0E-03	5.6E-06	1.6E-01	1.4E-02	1.2E-08
58	0.01	1.3E-08	8.9E-01	6.7E-03	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.3E-08
59	0.02	1.5E-08	1.0E+00	6.7E-03	1.0E-03	7.1E-06	1.6E-01	1.4E-02	1.5E-08
60	0.02	1.6E-08	1.1E+00	6.7E-03	1.0E-03	7.6E-06	1.6E-01	1.4E-02	1.6E-08
61	0.02	1.7E-08	1.1E+00	6.7E-03	1.0E-03	7.9E-06	1.6E-01	1.4E-02	1.7E-08
62	0.02	1.7E-08	1.1E+00	6.7E-03	1.0E-03	7.9E-06	1.6E-01	1.4E-02	1.7E-08
63	0.02	1.6E-08	1.1E+00	6.7E-03	1.0E-03	7.5E-06	1.6E-01	1.4E-02	1.6E-08
64	0.02	1.5E-08	1.0E+00	6.7E-03	1.0E-03	7.0E-06	1.6E-01	1.4E-02	1.5E-08
65	0.00	4.7E-09	3.1E-01	6.7E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.7E-09
66	0.01	5.6E-09	3.7E-01	6.7E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.6E-09
67	0.01	6.6E-09	4.4E-01	6.7E-03	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.6E-09
68	0.01	8.0E-09	5.3E-01	6.7E-03	1.0E-03	3.7E-06	1.6E-01	1.4E-02	8.0E-09
69	0.01	9.5E-09	6.3E-01	6.7E-03	1.0E-03	4.4E-06	1.6E-01	1.4E-02	9.5E-09
70	0.01	1.1E-08	7.5E-01	6.7E-03	1.0E-03	5.3E-06	1.6E-01	1.4E-02	1.1E-08
71	0.01	1.3E-08	8.8E-01	6.7E-03	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.3E-08
72	0.02	1.5E-08	1.0E+00	6.7E-03	1.0E-03	7.0E-06	1.6E-01	1.4E-02	1.5E-08
73	0.02	1.7E-08	1.1E+00	6.7E-03	1.0E-03	8.0E-06	1.6E-01	1.4E-02	1.7E-08
74	0.02	2.0E-08	1.3E+00	6.7E-03	1.0E-03	9.3E-06	1.6E-01	1.4E-02	2.0E-08
75	0.02	2.3E-08	1.5E+00	6.7E-03	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.3E-08
76	0.02	2.4E-08	1.6E+00	6.7E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
77	0.02	2.4E-08	1.6E+00	6.7E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
78	0.02	2.2E-08	1.5E+00	6.7E-03	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08
79	0.02	2.1E-08	1.4E+00	6.7E-03	1.0E-03	9.5E-06	1.6E-01	1.4E-02	2.1E-08
80	0.02	1.8E-08	1.2E+00	6.7E-03	1.0E-03	8.5E-06	1.6E-01	1.4E-02	1.8E-08
81	0.01	5.3E-09	3.5E-01	6.7E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.3E-09
82	0.01	6.4E-09	4.2E-01	6.7E-03	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.4E-09
83	0.01	7.8E-09	5.2E-01	6.7E-03	1.0E-03	3.6E-06	1.6E-01	1.4E-02	7.8E-09
84	0.01	9.7E-09	6.4E-01	6.7E-03	1.0E-03	4.5E-06	1.6E-01	1.4E-02	9.7E-09
85	0.01	1.2E-08	8.1E-01	6.7E-03	1.0E-03	5.6E-06	1.6E-01	1.4E-02	1.2E-08
86	0.02	1.5E-08	1.0E+00	6.7E-03	1.0E-03	7.1E-06	1.6E-01	1.4E-02	1.5E-08
87	0.02	1.9E-08	1.3E+00	6.7E-03	1.0E-03	8.8E-06	1.6E-01	1.4E-02	1.9E-08
88	0.02	2.3E-08	1.5E+00	6.7E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.3E-08
89	0.03	2.7E-08	1.8E+00	6.7E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.7E-08
90	0.03	3.3E-08	2.2E+00	6.7E-03	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.3E-08
91	0.04	3.6E-08	2.4E+00	6.7E-03	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.6E-08
92	0.04	3.6E-08	2.4E+00	6.7E-03	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.6E-08

93	0.03	3.3E-08	2.2E+00	6.7E-03	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.3E-08
94	0.03	2.9E-08	1.9E+00	6.7E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	2.9E-08
95	0.03	2.5E-08	1.7E+00	6.7E-03	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.5E-08
96	0.02	2.1E-08	1.4E+00	6.7E-03	1.0E-03	9.9E-06	1.6E-01	1.4E-02	2.1E-08
97	0.01	5.8E-09	3.8E-01	6.7E-03	1.0E-03	2.7E-06	1.6E-01	1.4E-02	5.8E-09
98	0.01	7.2E-09	4.7E-01	6.7E-03	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.2E-09
99	0.01	9.1E-09	6.0E-01	6.7E-03	1.0E-03	4.2E-06	1.6E-01	1.4E-02	9.1E-09
100	0.01	1.2E-08	7.8E-01	6.7E-03	1.0E-03	5.5E-06	1.6E-01	1.4E-02	1.2E-08
101	0.02	1.6E-08	1.0E+00	6.7E-03	1.0E-03	7.3E-06	1.6E-01	1.4E-02	1.6E-08
102	0.02	2.1E-08	1.4E+00	6.7E-03	1.0E-03	9.9E-06	1.6E-01	1.4E-02	2.1E-08
103	0.03	2.9E-08	1.9E+00	6.7E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.9E-08
104	0.04	3.8E-08	2.6E+00	6.7E-03	1.0E-03	1.8E-05	1.6E-01	1.4E-02	3.8E-08
105	0.05	5.0E-08	3.3E+00	6.7E-03	1.0E-03	2.3E-05	1.6E-01	1.4E-02	5.0E-08
106	0.06	6.0E-08	4.0E+00	6.7E-03	1.0E-03	2.8E-05	1.6E-01	1.4E-02	6.0E-08
107	0.06	6.0E-08	4.0E+00	6.7E-03	1.0E-03	2.8E-05	1.6E-01	1.4E-02	6.0E-08
108	0.05	5.4E-08	3.6E+00	6.7E-03	1.0E-03	2.5E-05	1.6E-01	1.4E-02	5.4E-08
109	0.04	4.5E-08	3.0E+00	6.7E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.5E-08
110	0.04	3.6E-08	2.4E+00	6.7E-03	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.6E-08
111	0.03	2.9E-08	1.9E+00	6.7E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	2.9E-08
112	0.02	2.4E-08	1.6E+00	6.7E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
113	0.01	6.3E-09	4.2E-01	6.7E-03	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.3E-09
114	0.01	7.9E-09	5.3E-01	6.7E-03	1.0E-03	3.7E-06	1.6E-01	1.4E-02	7.9E-09
115	0.01	1.0E-08	6.9E-01	6.7E-03	1.0E-03	4.8E-06	1.6E-01	1.4E-02	1.0E-08
116	0.01	1.4E-08	9.4E-01	6.7E-03	1.0E-03	6.5E-06	1.6E-01	1.4E-02	1.4E-08
117	0.02	2.0E-08	1.3E+00	6.7E-03	1.0E-03	9.3E-06	1.6E-01	1.4E-02	2.0E-08
118	0.13	1.3E-07	8.4E+00	6.7E-03	1.0E-03	5.9E-05	1.6E-01	1.4E-02	1.3E-07
119	0.10	1.0E-07	6.7E+00	6.7E-03	1.0E-03	4.7E-05	1.6E-01	1.4E-02	1.0E-07
120	0.08	7.6E-08	5.1E+00	6.7E-03	1.0E-03	3.5E-05	1.6E-01	1.4E-02	7.6E-08
121	0.06	5.7E-08	3.8E+00	6.7E-03	1.0E-03	2.6E-05	1.6E-01	1.4E-02	5.7E-08
122	0.04	4.2E-08	2.8E+00	6.7E-03	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.2E-08
123	0.03	3.2E-08	2.1E+00	6.7E-03	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.2E-08
124	0.02	2.5E-08	1.6E+00	6.7E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.5E-08
125	0.01	6.6E-09	4.4E-01	6.7E-03	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.6E-09
126	0.01	8.5E-09	5.6E-01	6.7E-03	1.0E-03	4.0E-06	1.6E-01	1.4E-02	8.5E-09
127	0.01	1.1E-08	7.6E-01	6.7E-03	1.0E-03	5.3E-06	1.6E-01	1.4E-02	1.1E-08
128	0.02	1.6E-08	1.1E+00	6.7E-03	1.0E-03	7.5E-06	1.6E-01	1.4E-02	1.6E-08
129	0.02	2.4E-08	1.6E+00	6.7E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
130	0.26	2.6E-07	1.7E+01	6.7E-03	1.0E-03	1.2E-04	1.6E-01	1.4E-02	2.6E-07
131	0.15	1.5E-07	1.0E+01	6.7E-03	1.0E-03	7.0E-05	1.6E-01	1.4E-02	1.5E-07
132	0.10	9.5E-08	6.3E+00	6.7E-03	1.0E-03	4.4E-05	1.6E-01	1.4E-02	9.5E-08
133	0.06	6.4E-08	4.2E+00	6.7E-03	1.0E-03	3.0E-05	1.6E-01	1.4E-02	6.4E-08
134	0.04	4.4E-08	2.9E+00	6.7E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.4E-08
135	0.03	3.2E-08	2.1E+00	6.7E-03	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.2E-08
136	0.02	2.4E-08	1.6E+00	6.7E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
137	0.01	6.8E-09	4.5E-01	6.7E-03	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.8E-09
138	0.01	8.8E-09	5.9E-01	6.7E-03	1.0E-03	4.1E-06	1.6E-01	1.4E-02	8.8E-09
139	0.01	1.2E-08	7.9E-01	6.7E-03	1.0E-03	5.5E-06	1.6E-01	1.4E-02	1.2E-08
140	0.02	1.7E-08	1.1E+00	6.7E-03	1.0E-03	8.0E-06	1.6E-01	1.4E-02	1.7E-08
141	0.03	2.6E-08	1.8E+00	6.7E-03	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.6E-08

142	0.38	3.8E-07	2.5E+01	6.7E-03	1.0E-03	1.8E-04	1.6E-01	1.4E-02	3.8E-07
143	0.18	1.8E-07	1.2E+01	6.7E-03	1.0E-03	8.5E-05	1.6E-01	1.4E-02	1.8E-07
144	0.10	1.0E-07	6.7E+00	6.7E-03	1.0E-03	4.7E-05	1.6E-01	1.4E-02	1.0E-07
145	0.06	6.3E-08	4.2E+00	6.7E-03	1.0E-03	2.9E-05	1.6E-01	1.4E-02	6.3E-08
146	0.04	4.2E-08	2.8E+00	6.7E-03	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.2E-08
147	0.03	2.9E-08	1.9E+00	6.7E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	2.9E-08
148	0.02	2.2E-08	1.4E+00	6.7E-03	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08
149	0.01	6.7E-09	4.5E-01	6.7E-03	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.7E-09
150	0.01	8.6E-09	5.7E-01	6.7E-03	1.0E-03	4.0E-06	1.6E-01	1.4E-02	8.6E-09
151	0.01	1.2E-08	7.8E-01	6.7E-03	1.0E-03	5.5E-06	1.6E-01	1.4E-02	1.2E-08
152	0.02	1.7E-08	1.1E+00	6.7E-03	1.0E-03	7.8E-06	1.6E-01	1.4E-02	1.7E-08
153	0.03	2.6E-08	1.7E+00	6.7E-03	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.6E-08
154	0.58	5.8E-07	3.8E+01	6.7E-03	1.0E-03	2.7E-04	1.6E-01	1.4E-02	5.8E-07
155	0.17	1.7E-07	1.1E+01	6.7E-03	1.0E-03	8.0E-05	1.6E-01	1.4E-02	1.7E-07
156	0.08	8.4E-08	5.6E+00	6.7E-03	1.0E-03	3.9E-05	1.6E-01	1.4E-02	8.4E-08
157	0.05	5.4E-08	3.6E+00	6.7E-03	1.0E-03	2.5E-05	1.6E-01	1.4E-02	5.4E-08
158	0.04	3.5E-08	2.4E+00	6.7E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.5E-08
159	0.03	2.5E-08	1.7E+00	6.7E-03	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.5E-08
160	0.02	1.9E-08	1.2E+00	6.7E-03	1.0E-03	8.7E-06	1.6E-01	1.4E-02	1.9E-08
161	0.01	6.1E-09	4.0E-01	6.7E-03	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.1E-09
162	0.01	7.8E-09	5.2E-01	6.7E-03	1.0E-03	3.6E-06	1.6E-01	1.4E-02	7.8E-09
163	0.01	1.0E-08	6.9E-01	6.7E-03	1.0E-03	4.8E-06	1.6E-01	1.4E-02	1.0E-08
164	0.02	1.5E-08	1.0E+00	6.7E-03	1.0E-03	7.1E-06	1.6E-01	1.4E-02	1.5E-08
165	0.02	2.4E-08	1.6E+00	6.7E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
166	0.04	4.0E-08	2.7E+00	6.7E-03	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.0E-08
167	0.08	8.3E-08	5.5E+00	6.7E-03	1.0E-03	3.8E-05	1.6E-01	1.4E-02	8.3E-08
168	0.23	2.3E-07	1.5E+01	6.7E-03	1.0E-03	1.0E-04	1.6E-01	1.4E-02	2.3E-07
169	0.37	3.7E-07	2.5E+01	6.7E-03	1.0E-03	1.7E-04	1.6E-01	1.4E-02	3.7E-07
170	0.24	2.4E-07	1.6E+01	6.7E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.4E-07
171	0.12	1.2E-07	7.8E+00	6.7E-03	1.0E-03	5.4E-05	1.6E-01	1.4E-02	1.2E-07
172	0.06	6.1E-08	4.0E+00	6.7E-03	1.0E-03	2.8E-05	1.6E-01	1.4E-02	6.1E-08
173	0.04	4.0E-08	2.6E+00	6.7E-03	1.0E-03	1.8E-05	1.6E-01	1.4E-02	4.0E-08
174	0.03	2.9E-08	1.9E+00	6.7E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	2.9E-08
175	0.02	2.1E-08	1.4E+00	6.7E-03	1.0E-03	9.8E-06	1.6E-01	1.4E-02	2.1E-08
176	0.02	1.6E-08	1.1E+00	6.7E-03	1.0E-03	7.4E-06	1.6E-01	1.4E-02	1.6E-08
177	0.01	5.7E-09	3.8E-01	6.7E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.7E-09
178	0.01	7.2E-09	4.8E-01	6.7E-03	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.2E-09
179	0.01	9.2E-09	6.1E-01	6.7E-03	1.0E-03	4.3E-06	1.6E-01	1.4E-02	9.2E-09
180	0.01	1.4E-08	9.0E-01	6.7E-03	1.0E-03	6.3E-06	1.6E-01	1.4E-02	1.4E-08
181	0.02	2.0E-08	1.3E+00	6.7E-03	1.0E-03	9.2E-06	1.6E-01	1.4E-02	2.0E-08
182	0.03	3.0E-08	2.0E+00	6.7E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.0E-08
183	0.05	5.2E-08	3.4E+00	6.7E-03	1.0E-03	2.4E-05	1.6E-01	1.4E-02	5.2E-08
184	0.09	8.7E-08	5.8E+00	6.7E-03	1.0E-03	4.1E-05	1.6E-01	1.4E-02	8.7E-08
185	0.12	1.2E-07	7.8E+00	6.7E-03	1.0E-03	5.5E-05	1.6E-01	1.4E-02	1.2E-07
186	0.10	1.0E-07	6.9E+00	6.7E-03	1.0E-03	4.8E-05	1.6E-01	1.4E-02	1.0E-07
187	0.07	7.3E-08	4.8E+00	6.7E-03	1.0E-03	3.4E-05	1.6E-01	1.4E-02	7.3E-08
188	0.05	4.8E-08	3.2E+00	6.7E-03	1.0E-03	2.2E-05	1.6E-01	1.4E-02	4.8E-08
189	0.03	3.1E-08	2.0E+00	6.7E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.1E-08
190	0.02	2.4E-08	1.6E+00	6.7E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08

191	0.02	1.8E-08	1.2E+00	6.7E-03	1.0E-03	8.4E-06	1.6E-01	1.4E-02	1.8E-08
192	0.01	1.4E-08	9.2E-01	6.7E-03	1.0E-03	6.4E-06	1.6E-01	1.4E-02	1.4E-08
193	0.01	5.3E-09	3.5E-01	6.7E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.3E-09
194	0.01	6.7E-09	4.5E-01	6.7E-03	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.7E-09
195	0.01	8.9E-09	5.9E-01	6.7E-03	1.0E-03	4.1E-06	1.6E-01	1.4E-02	8.9E-09
196	0.01	1.2E-08	7.8E-01	6.7E-03	1.0E-03	5.4E-06	1.6E-01	1.4E-02	1.2E-08
197	0.02	1.6E-08	1.1E+00	6.7E-03	1.0E-03	7.4E-06	1.6E-01	1.4E-02	1.6E-08
198	0.02	2.3E-08	1.5E+00	6.7E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.3E-08
199	0.03	3.4E-08	2.2E+00	6.7E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.4E-08
200	0.05	4.8E-08	3.2E+00	6.7E-03	1.0E-03	2.2E-05	1.6E-01	1.4E-02	4.8E-08
201	0.06	5.8E-08	3.9E+00	6.7E-03	1.0E-03	2.7E-05	1.6E-01	1.4E-02	5.8E-08
202	0.06	5.6E-08	3.7E+00	6.7E-03	1.0E-03	2.6E-05	1.6E-01	1.4E-02	5.6E-08
203	0.04	4.4E-08	2.9E+00	6.7E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.4E-08
204	0.03	3.4E-08	2.3E+00	6.7E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.4E-08
205	0.03	2.6E-08	1.7E+00	6.7E-03	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.6E-08
206	0.02	1.9E-08	1.2E+00	6.7E-03	1.0E-03	8.7E-06	1.6E-01	1.4E-02	1.9E-08
207	0.02	1.6E-08	1.0E+00	6.7E-03	1.0E-03	7.2E-06	1.6E-01	1.4E-02	1.6E-08
208	0.01	1.2E-08	8.2E-01	6.7E-03	1.0E-03	5.7E-06	1.6E-01	1.4E-02	1.2E-08
209	0.01	5.2E-09	3.4E-01	6.7E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.2E-09
210	0.01	6.3E-09	4.2E-01	6.7E-03	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.3E-09
211	0.01	7.8E-09	5.2E-01	6.7E-03	1.0E-03	3.6E-06	1.6E-01	1.4E-02	7.8E-09
212	0.01	9.9E-09	6.5E-01	6.7E-03	1.0E-03	4.6E-06	1.6E-01	1.4E-02	9.9E-09
213	0.01	1.3E-08	8.5E-01	6.7E-03	1.0E-03	6.0E-06	1.6E-01	1.4E-02	1.3E-08
214	0.02	1.7E-08	1.2E+00	6.7E-03	1.0E-03	8.1E-06	1.6E-01	1.4E-02	1.7E-08
215	0.02	2.4E-08	1.6E+00	6.7E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
216	0.03	3.0E-08	2.0E+00	6.7E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.0E-08
217	0.03	3.5E-08	2.3E+00	6.7E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.5E-08
218	0.04	3.5E-08	2.3E+00	6.7E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.5E-08
219	0.03	3.2E-08	2.1E+00	6.7E-03	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.2E-08
220	0.03	2.7E-08	1.8E+00	6.7E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.7E-08
221	0.02	2.2E-08	1.4E+00	6.7E-03	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08
222	0.02	1.6E-08	1.1E+00	6.7E-03	1.0E-03	7.4E-06	1.6E-01	1.4E-02	1.6E-08
223	0.01	1.3E-08	8.4E-01	6.7E-03	1.0E-03	5.9E-06	1.6E-01	1.4E-02	1.3E-08
224	0.01	1.1E-08	7.4E-01	6.7E-03	1.0E-03	5.2E-06	1.6E-01	1.4E-02	1.1E-08
225	0.00	4.7E-09	3.1E-01	6.7E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.7E-09
226	0.01	5.6E-09	3.7E-01	6.7E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.6E-09
227	0.01	6.8E-09	4.5E-01	6.7E-03	1.0E-03	3.2E-06	1.6E-01	1.4E-02	6.8E-09
228	0.01	8.4E-09	5.6E-01	6.7E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.4E-09
229	0.01	1.1E-08	7.0E-01	6.7E-03	1.0E-03	4.9E-06	1.6E-01	1.4E-02	1.1E-08
230	0.01	1.4E-08	9.0E-01	6.7E-03	1.0E-03	6.3E-06	1.6E-01	1.4E-02	1.4E-08
231	0.02	1.7E-08	1.1E+00	6.7E-03	1.0E-03	8.0E-06	1.6E-01	1.4E-02	1.7E-08
232	0.02	2.1E-08	1.4E+00	6.7E-03	1.0E-03	9.7E-06	1.6E-01	1.4E-02	2.1E-08
233	0.02	2.4E-08	1.6E+00	6.7E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
234	0.02	2.4E-08	1.6E+00	6.7E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
235	0.02	2.3E-08	1.5E+00	6.7E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.3E-08
236	0.02	2.1E-08	1.4E+00	6.7E-03	1.0E-03	9.6E-06	1.6E-01	1.4E-02	2.1E-08
237	0.02	1.8E-08	1.2E+00	6.7E-03	1.0E-03	8.2E-06	1.6E-01	1.4E-02	1.8E-08
238	0.01	1.5E-08	9.7E-01	6.7E-03	1.0E-03	6.8E-06	1.6E-01	1.4E-02	1.5E-08
239	0.01	1.1E-08	7.4E-01	6.7E-03	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08

240	0.01	9.2E-09	6.1E-01	6.7E-03	1.0E-03	4.3E-06	1.6E-01	1.4E-02	9.2E-09
241	0.00	4.2E-09	2.8E-01	6.7E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.2E-09
242	0.00	5.0E-09	3.3E-01	6.7E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.0E-09
243	0.01	5.9E-09	3.9E-01	6.7E-03	1.0E-03	2.7E-06	1.6E-01	1.4E-02	5.9E-09
244	0.01	7.0E-09	4.7E-01	6.7E-03	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.0E-09
245	0.01	8.7E-09	5.7E-01	6.7E-03	1.0E-03	4.0E-06	1.6E-01	1.4E-02	8.7E-09
246	0.01	1.1E-08	7.0E-01	6.7E-03	1.0E-03	4.9E-06	1.6E-01	1.4E-02	1.1E-08
247	0.01	1.3E-08	8.6E-01	6.7E-03	1.0E-03	6.0E-06	1.6E-01	1.4E-02	1.3E-08
248	0.02	1.5E-08	1.0E+00	6.7E-03	1.0E-03	7.1E-06	1.6E-01	1.4E-02	1.5E-08
249	0.02	1.7E-08	1.1E+00	6.7E-03	1.0E-03	7.9E-06	1.6E-01	1.4E-02	1.7E-08
250	0.02	1.8E-08	1.2E+00	6.7E-03	1.0E-03	8.2E-06	1.6E-01	1.4E-02	1.8E-08
251	0.02	1.7E-08	1.1E+00	6.7E-03	1.0E-03	8.0E-06	1.6E-01	1.4E-02	1.7E-08
252	0.02	1.6E-08	1.1E+00	6.7E-03	1.0E-03	7.5E-06	1.6E-01	1.4E-02	1.6E-08
253	0.01	1.4E-08	9.5E-01	6.7E-03	1.0E-03	6.6E-06	1.6E-01	1.4E-02	1.4E-08
254	0.01	1.2E-08	8.2E-01	6.7E-03	1.0E-03	5.7E-06	1.6E-01	1.4E-02	1.2E-08
255	0.01	1.0E-08	6.9E-01	6.7E-03	1.0E-03	4.8E-06	1.6E-01	1.4E-02	1.0E-08
256	0.01	8.2E-09	5.4E-01	6.7E-03	1.0E-03	3.8E-06	1.6E-01	1.4E-02	8.2E-09
257	0.00	3.8E-09	2.5E-01	6.7E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.8E-09
258	0.00	4.4E-09	2.9E-01	6.7E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.4E-09
259	0.01	5.1E-09	3.4E-01	6.7E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.1E-09
260	0.01	6.1E-09	4.0E-01	6.7E-03	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.1E-09
261	0.01	7.2E-09	4.8E-01	6.7E-03	1.0E-03	3.4E-06	1.6E-01	1.4E-02	7.2E-09
262	0.01	8.6E-09	5.7E-01	6.7E-03	1.0E-03	4.0E-06	1.6E-01	1.4E-02	8.6E-09
263	0.01	1.0E-08	6.8E-01	6.7E-03	1.0E-03	4.7E-06	1.6E-01	1.4E-02	1.0E-08
264	0.01	1.2E-08	7.8E-01	6.7E-03	1.0E-03	5.4E-06	1.6E-01	1.4E-02	1.2E-08
265	0.01	1.3E-08	8.5E-01	6.7E-03	1.0E-03	6.0E-06	1.6E-01	1.4E-02	1.3E-08
266	0.01	1.3E-08	8.9E-01	6.7E-03	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.3E-08
267	0.01	1.3E-08	8.8E-01	6.7E-03	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.3E-08
268	0.01	1.3E-08	8.4E-01	6.7E-03	1.0E-03	5.9E-06	1.6E-01	1.4E-02	1.3E-08
269	0.01	1.2E-08	7.7E-01	6.7E-03	1.0E-03	5.4E-06	1.6E-01	1.4E-02	1.2E-08
270	0.01	1.0E-08	6.9E-01	6.7E-03	1.0E-03	4.8E-06	1.6E-01	1.4E-02	1.0E-08
271	0.01	9.0E-09	6.0E-01	6.7E-03	1.0E-03	4.2E-06	1.6E-01	1.4E-02	9.0E-09
272	0.01	7.4E-09	4.9E-01	6.7E-03	1.0E-03	3.4E-06	1.6E-01	1.4E-02	7.4E-09
273	0.02	2.1E-08	1.4E+00	6.7E-03	1.0E-03	9.9E-06	1.6E-01	1.4E-02	2.1E-08
274	0.02	2.2E-08	1.5E+00	6.7E-03	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08
275	0.02	2.4E-08	1.6E+00	6.7E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
276	0.03	2.5E-08	1.7E+00	6.7E-03	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.5E-08
277	0.03	2.7E-08	1.8E+00	6.7E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.7E-08
278	0.03	2.9E-08	1.9E+00	6.7E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.9E-08
279	0.03	3.1E-08	2.0E+00	6.7E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.1E-08
280	0.03	3.2E-08	2.1E+00	6.7E-03	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.2E-08
281	0.03	3.4E-08	2.3E+00	6.7E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.4E-08
282	0.04	3.6E-08	2.4E+00	6.7E-03	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.6E-08
283	0.04	3.8E-08	2.6E+00	6.7E-03	1.0E-03	1.8E-05	1.6E-01	1.4E-02	3.8E-08
284	0.04	4.0E-08	2.7E+00	6.7E-03	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.0E-08
285	0.04	4.2E-08	2.8E+00	6.7E-03	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.2E-08
286	0.04	4.5E-08	3.0E+00	6.7E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.5E-08
287	0.05	4.7E-08	3.1E+00	6.7E-03	1.0E-03	2.2E-05	1.6E-01	1.4E-02	4.7E-08
288	0.05	5.0E-08	3.3E+00	6.7E-03	1.0E-03	2.3E-05	1.6E-01	1.4E-02	5.0E-08

289	0.05	5.2E-08	3.5E+00	6.7E-03	1.0E-03	2.4E-05	1.6E-01	1.4E-02	5.2E-08
290	0.06	5.5E-08	3.7E+00	6.7E-03	1.0E-03	2.6E-05	1.6E-01	1.4E-02	5.5E-08
291	0.06	5.8E-08	3.8E+00	6.7E-03	1.0E-03	2.7E-05	1.6E-01	1.4E-02	5.8E-08
292	0.06	5.9E-08	3.9E+00	6.7E-03	1.0E-03	2.7E-05	1.6E-01	1.4E-02	5.9E-08
293	0.06	6.0E-08	4.0E+00	6.7E-03	1.0E-03	2.8E-05	1.6E-01	1.4E-02	6.0E-08
294	0.06	6.1E-08	4.0E+00	6.7E-03	1.0E-03	2.8E-05	1.6E-01	1.4E-02	6.1E-08
295	0.06	6.1E-08	4.1E+00	6.7E-03	1.0E-03	2.8E-05	1.6E-01	1.4E-02	6.1E-08
296	0.06	6.1E-08	4.0E+00	6.7E-03	1.0E-03	2.8E-05	1.6E-01	1.4E-02	6.1E-08
297	0.06	6.1E-08	4.0E+00	6.7E-03	1.0E-03	2.8E-05	1.6E-01	1.4E-02	6.1E-08
298	0.06	6.0E-08	4.0E+00	6.7E-03	1.0E-03	2.8E-05	1.6E-01	1.4E-02	6.0E-08
299	0.02	2.3E-08	1.5E+00	6.7E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.3E-08
300	0.02	2.4E-08	1.6E+00	6.7E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
301	0.03	2.6E-08	1.7E+00	6.7E-03	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.6E-08
302	0.03	2.8E-08	1.8E+00	6.7E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.8E-08
303	0.03	3.0E-08	2.0E+00	6.7E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.0E-08
304	0.03	3.2E-08	2.1E+00	6.7E-03	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.2E-08
305	0.03	3.4E-08	2.2E+00	6.7E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.4E-08
306	0.04	3.6E-08	2.4E+00	6.7E-03	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.6E-08
307	0.04	3.8E-08	2.5E+00	6.7E-03	1.0E-03	1.8E-05	1.6E-01	1.4E-02	3.8E-08
308	0.04	4.1E-08	2.7E+00	6.7E-03	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.1E-08
309	0.04	4.4E-08	2.9E+00	6.7E-03	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.4E-08
310	0.05	4.6E-08	3.0E+00	6.7E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.6E-08
311	0.05	4.8E-08	3.2E+00	6.7E-03	1.0E-03	2.2E-05	1.6E-01	1.4E-02	4.8E-08
312	0.05	5.1E-08	3.4E+00	6.7E-03	1.0E-03	2.4E-05	1.6E-01	1.4E-02	5.1E-08
313	0.05	5.5E-08	3.6E+00	6.7E-03	1.0E-03	2.6E-05	1.6E-01	1.4E-02	5.5E-08
314	0.06	5.8E-08	3.8E+00	6.7E-03	1.0E-03	2.7E-05	1.6E-01	1.4E-02	5.8E-08
315	0.06	6.1E-08	4.0E+00	6.7E-03	1.0E-03	2.8E-05	1.6E-01	1.4E-02	6.1E-08
316	0.06	6.4E-08	4.3E+00	6.7E-03	1.0E-03	3.0E-05	1.6E-01	1.4E-02	6.4E-08
317	0.07	6.7E-08	4.4E+00	6.7E-03	1.0E-03	3.1E-05	1.6E-01	1.4E-02	6.7E-08
318	0.07	6.8E-08	4.5E+00	6.7E-03	1.0E-03	3.2E-05	1.6E-01	1.4E-02	6.8E-08
319	0.07	6.9E-08	4.6E+00	6.7E-03	1.0E-03	3.2E-05	1.6E-01	1.4E-02	6.9E-08
320	0.07	6.9E-08	4.6E+00	6.7E-03	1.0E-03	3.2E-05	1.6E-01	1.4E-02	6.9E-08
321	0.07	6.9E-08	4.6E+00	6.7E-03	1.0E-03	3.2E-05	1.6E-01	1.4E-02	6.9E-08
322	0.07	6.9E-08	4.6E+00	6.7E-03	1.0E-03	3.2E-05	1.6E-01	1.4E-02	6.9E-08
323	0.07	6.8E-08	4.5E+00	6.7E-03	1.0E-03	3.2E-05	1.6E-01	1.4E-02	6.8E-08
324	0.07	6.7E-08	4.4E+00	6.7E-03	1.0E-03	3.1E-05	1.6E-01	1.4E-02	6.7E-08
325	0.02	2.4E-08	1.6E+00	6.7E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
326	0.03	2.6E-08	1.7E+00	6.7E-03	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.6E-08
327	0.03	2.8E-08	1.9E+00	6.7E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.8E-08
328	0.03	3.0E-08	2.0E+00	6.7E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.0E-08
329	0.03	3.3E-08	2.2E+00	6.7E-03	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.3E-08
330	0.04	3.5E-08	2.3E+00	6.7E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.5E-08
331	0.04	3.8E-08	2.5E+00	6.7E-03	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.8E-08
332	0.04	4.0E-08	2.7E+00	6.7E-03	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.0E-08
333	0.04	4.3E-08	2.9E+00	6.7E-03	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.3E-08
334	0.05	4.6E-08	3.1E+00	6.7E-03	1.0E-03	2.2E-05	1.6E-01	1.4E-02	4.6E-08
335	0.05	5.0E-08	3.3E+00	6.7E-03	1.0E-03	2.3E-05	1.6E-01	1.4E-02	5.0E-08
336	0.05	5.3E-08	3.5E+00	6.7E-03	1.0E-03	2.5E-05	1.6E-01	1.4E-02	5.3E-08
337	0.06	5.6E-08	3.7E+00	6.7E-03	1.0E-03	2.6E-05	1.6E-01	1.4E-02	5.6E-08

338	0.06	6.0E-08	4.0E+00	6.7E-03	1.0E-03	2.8E-05	1.6E-01	1.4E-02	6.0E-08
339	0.06	6.4E-08	4.3E+00	6.7E-03	1.0E-03	3.0E-05	1.6E-01	1.4E-02	6.4E-08
340	0.07	6.8E-08	4.5E+00	6.7E-03	1.0E-03	3.2E-05	1.6E-01	1.4E-02	6.8E-08
341	0.07	7.2E-08	4.8E+00	6.7E-03	1.0E-03	3.3E-05	1.6E-01	1.4E-02	7.2E-08
342	0.08	7.6E-08	5.0E+00	6.7E-03	1.0E-03	3.5E-05	1.6E-01	1.4E-02	7.6E-08
343	0.08	7.8E-08	5.2E+00	6.7E-03	1.0E-03	3.6E-05	1.6E-01	1.4E-02	7.8E-08
344	0.08	8.0E-08	5.3E+00	6.7E-03	1.0E-03	3.7E-05	1.6E-01	1.4E-02	8.0E-08
345	0.08	8.0E-08	5.3E+00	6.7E-03	1.0E-03	3.7E-05	1.6E-01	1.4E-02	8.0E-08
346	0.08	8.0E-08	5.3E+00	6.7E-03	1.0E-03	3.7E-05	1.6E-01	1.4E-02	8.0E-08
347	0.08	7.9E-08	5.2E+00	6.7E-03	1.0E-03	3.7E-05	1.6E-01	1.4E-02	7.9E-08
348	0.08	7.8E-08	5.2E+00	6.7E-03	1.0E-03	3.6E-05	1.6E-01	1.4E-02	7.8E-08
349	0.08	7.6E-08	5.0E+00	6.7E-03	1.0E-03	3.5E-05	1.6E-01	1.4E-02	7.6E-08
350	0.07	7.4E-08	4.9E+00	6.7E-03	1.0E-03	3.4E-05	1.6E-01	1.4E-02	7.4E-08
351	0.03	2.6E-08	1.7E+00	6.7E-03	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.6E-08
352	0.03	2.8E-08	1.9E+00	6.7E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.8E-08
353	0.03	3.1E-08	2.0E+00	6.7E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.1E-08
354	0.03	3.3E-08	2.2E+00	6.7E-03	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.3E-08
355	0.04	3.6E-08	2.4E+00	6.7E-03	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.6E-08
356	0.04	3.9E-08	2.6E+00	6.7E-03	1.0E-03	1.8E-05	1.6E-01	1.4E-02	3.9E-08
357	0.04	4.2E-08	2.8E+00	6.7E-03	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.2E-08
358	0.05	4.6E-08	3.0E+00	6.7E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.6E-08
359	0.05	4.9E-08	3.3E+00	6.7E-03	1.0E-03	2.3E-05	1.6E-01	1.4E-02	4.9E-08
360	0.05	5.3E-08	3.5E+00	6.7E-03	1.0E-03	2.5E-05	1.6E-01	1.4E-02	5.3E-08
361	0.06	5.8E-08	3.8E+00	6.7E-03	1.0E-03	2.7E-05	1.6E-01	1.4E-02	5.8E-08
362	0.06	6.2E-08	4.1E+00	6.7E-03	1.0E-03	2.9E-05	1.6E-01	1.4E-02	6.2E-08
363	0.07	6.6E-08	4.4E+00	6.7E-03	1.0E-03	3.1E-05	1.6E-01	1.4E-02	6.6E-08
364	0.07	7.1E-08	4.7E+00	6.7E-03	1.0E-03	3.3E-05	1.6E-01	1.4E-02	7.1E-08
365	0.08	7.6E-08	5.1E+00	6.7E-03	1.0E-03	3.6E-05	1.6E-01	1.4E-02	7.6E-08
366	0.08	8.1E-08	5.4E+00	6.7E-03	1.0E-03	3.8E-05	1.6E-01	1.4E-02	8.1E-08
367	0.09	8.6E-08	5.7E+00	6.7E-03	1.0E-03	4.0E-05	1.6E-01	1.4E-02	8.6E-08
368	0.09	9.0E-08	6.0E+00	6.7E-03	1.0E-03	4.2E-05	1.6E-01	1.4E-02	9.0E-08
369	0.09	9.3E-08	6.1E+00	6.7E-03	1.0E-03	4.3E-05	1.6E-01	1.4E-02	9.3E-08
370	0.09	9.3E-08	6.2E+00	6.7E-03	1.0E-03	4.3E-05	1.6E-01	1.4E-02	9.3E-08
371	0.09	9.3E-08	6.2E+00	6.7E-03	1.0E-03	4.3E-05	1.6E-01	1.4E-02	9.3E-08
372	0.09	9.2E-08	6.1E+00	6.7E-03	1.0E-03	4.3E-05	1.6E-01	1.4E-02	9.2E-08
373	0.09	9.0E-08	6.0E+00	6.7E-03	1.0E-03	4.2E-05	1.6E-01	1.4E-02	9.0E-08
374	0.09	8.8E-08	5.8E+00	6.7E-03	1.0E-03	4.1E-05	1.6E-01	1.4E-02	8.8E-08
375	0.09	8.5E-08	5.7E+00	6.7E-03	1.0E-03	4.0E-05	1.6E-01	1.4E-02	8.5E-08
376	0.08	8.2E-08	5.5E+00	6.7E-03	1.0E-03	3.8E-05	1.6E-01	1.4E-02	8.2E-08
377	0.03	2.8E-08	1.9E+00	6.7E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.8E-08
378	0.03	3.1E-08	2.0E+00	6.7E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.1E-08
379	0.03	3.3E-08	2.2E+00	6.7E-03	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.3E-08
380	0.04	3.6E-08	2.4E+00	6.7E-03	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.6E-08
381	0.04	4.0E-08	2.6E+00	6.7E-03	1.0E-03	1.8E-05	1.6E-01	1.4E-02	4.0E-08
382	0.10	1.0E-07	7.0E+00	6.7E-03	1.0E-03	4.9E-05	1.6E-01	1.4E-02	1.0E-07
383	0.11	1.1E-07	7.2E+00	6.7E-03	1.0E-03	5.1E-05	1.6E-01	1.4E-02	1.1E-07
384	0.11	1.1E-07	7.3E+00	6.7E-03	1.0E-03	5.1E-05	1.6E-01	1.4E-02	1.1E-07
385	0.11	1.1E-07	7.3E+00	6.7E-03	1.0E-03	5.1E-05	1.6E-01	1.4E-02	1.1E-07
386	0.11	1.1E-07	7.2E+00	6.7E-03	1.0E-03	5.0E-05	1.6E-01	1.4E-02	1.1E-07

387	0.11	1.1E-07	7.0E+00	6.7E-03	1.0E-03	4.9E-05	1.6E-01	1.4E-02	1.1E-07
388	0.10	1.0E-07	6.8E+00	6.7E-03	1.0E-03	4.8E-05	1.6E-01	1.4E-02	1.0E-07
389	0.10	9.9E-08	6.6E+00	6.7E-03	1.0E-03	4.6E-05	1.6E-01	1.4E-02	9.9E-08
390	0.10	9.5E-08	6.3E+00	6.7E-03	1.0E-03	4.4E-05	1.6E-01	1.4E-02	9.5E-08
391	0.09	9.1E-08	6.1E+00	6.7E-03	1.0E-03	4.2E-05	1.6E-01	1.4E-02	9.1E-08
392	0.03	3.0E-08	2.0E+00	6.7E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.0E-08
393	0.03	3.3E-08	2.2E+00	6.7E-03	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.3E-08
394	0.04	3.6E-08	2.4E+00	6.7E-03	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.6E-08
395	0.04	4.0E-08	2.6E+00	6.7E-03	1.0E-03	1.8E-05	1.6E-01	1.4E-02	4.0E-08
396	0.04	4.4E-08	2.9E+00	6.7E-03	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.4E-08
397	0.13	1.3E-07	8.6E+00	6.7E-03	1.0E-03	6.0E-05	1.6E-01	1.4E-02	1.3E-07
398	0.13	1.3E-07	8.8E+00	6.7E-03	1.0E-03	6.2E-05	1.6E-01	1.4E-02	1.3E-07
399	0.13	1.3E-07	8.8E+00	6.7E-03	1.0E-03	6.2E-05	1.6E-01	1.4E-02	1.3E-07
400	0.13	1.3E-07	8.7E+00	6.7E-03	1.0E-03	6.1E-05	1.6E-01	1.4E-02	1.3E-07
401	0.13	1.3E-07	8.4E+00	6.7E-03	1.0E-03	5.9E-05	1.6E-01	1.4E-02	1.3E-07
402	0.12	1.2E-07	8.1E+00	6.7E-03	1.0E-03	5.7E-05	1.6E-01	1.4E-02	1.2E-07
403	0.12	1.2E-07	7.7E+00	6.7E-03	1.0E-03	5.4E-05	1.6E-01	1.4E-02	1.2E-07
404	0.11	1.1E-07	7.4E+00	6.7E-03	1.0E-03	5.2E-05	1.6E-01	1.4E-02	1.1E-07
405	0.11	1.1E-07	7.0E+00	6.7E-03	1.0E-03	4.9E-05	1.6E-01	1.4E-02	1.1E-07
406	0.10	1.0E-07	6.7E+00	6.7E-03	1.0E-03	4.7E-05	1.6E-01	1.4E-02	1.0E-07
407	0.03	3.2E-08	2.1E+00	6.7E-03	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.2E-08
408	0.04	3.5E-08	2.3E+00	6.7E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.5E-08
409	0.04	3.9E-08	2.6E+00	6.7E-03	1.0E-03	1.8E-05	1.6E-01	1.4E-02	3.9E-08
410	0.04	4.3E-08	2.8E+00	6.7E-03	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.3E-08
411	0.05	4.8E-08	3.2E+00	6.7E-03	1.0E-03	2.2E-05	1.6E-01	1.4E-02	4.8E-08
412	0.16	1.6E-07	1.1E+01	6.7E-03	1.0E-03	7.6E-05	1.6E-01	1.4E-02	1.6E-07
413	0.16	1.6E-07	1.1E+01	6.7E-03	1.0E-03	7.7E-05	1.6E-01	1.4E-02	1.6E-07
414	0.16	1.6E-07	1.1E+01	6.7E-03	1.0E-03	7.5E-05	1.6E-01	1.4E-02	1.6E-07
415	0.16	1.6E-07	1.0E+01	6.7E-03	1.0E-03	7.2E-05	1.6E-01	1.4E-02	1.6E-07
416	0.15	1.5E-07	9.8E+00	6.7E-03	1.0E-03	6.9E-05	1.6E-01	1.4E-02	1.5E-07
417	0.14	1.4E-07	9.3E+00	6.7E-03	1.0E-03	6.5E-05	1.6E-01	1.4E-02	1.4E-07
418	0.13	1.3E-07	8.8E+00	6.7E-03	1.0E-03	6.1E-05	1.6E-01	1.4E-02	1.3E-07
419	0.12	1.2E-07	8.3E+00	6.7E-03	1.0E-03	5.8E-05	1.6E-01	1.4E-02	1.2E-07
420	0.12	1.2E-07	7.8E+00	6.7E-03	1.0E-03	5.5E-05	1.6E-01	1.4E-02	1.2E-07
421	0.11	1.1E-07	7.3E+00	6.7E-03	1.0E-03	5.1E-05	1.6E-01	1.4E-02	1.1E-07
422	0.03	3.4E-08	2.3E+00	6.7E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.4E-08
423	0.04	3.8E-08	2.5E+00	6.7E-03	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.8E-08
424	0.04	4.2E-08	2.8E+00	6.7E-03	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.2E-08
425	0.05	4.7E-08	3.1E+00	6.7E-03	1.0E-03	2.2E-05	1.6E-01	1.4E-02	4.7E-08
426	0.05	5.2E-08	3.5E+00	6.7E-03	1.0E-03	2.4E-05	1.6E-01	1.4E-02	5.2E-08
427	0.21	2.1E-07	1.4E+01	6.7E-03	1.0E-03	9.9E-05	1.6E-01	1.4E-02	2.1E-07
428	0.21	2.1E-07	1.4E+01	6.7E-03	1.0E-03	9.6E-05	1.6E-01	1.4E-02	2.1E-07
429	0.20	2.0E-07	1.3E+01	6.7E-03	1.0E-03	9.1E-05	1.6E-01	1.4E-02	2.0E-07
430	0.18	1.8E-07	1.2E+01	6.7E-03	1.0E-03	8.6E-05	1.6E-01	1.4E-02	1.8E-07
431	0.17	1.7E-07	1.1E+01	6.7E-03	1.0E-03	8.0E-05	1.6E-01	1.4E-02	1.7E-07
432	0.16	1.6E-07	1.1E+01	6.7E-03	1.0E-03	7.5E-05	1.6E-01	1.4E-02	1.6E-07
433	0.15	1.5E-07	9.9E+00	6.7E-03	1.0E-03	6.9E-05	1.6E-01	1.4E-02	1.5E-07
434	0.14	1.4E-07	9.2E+00	6.7E-03	1.0E-03	6.4E-05	1.6E-01	1.4E-02	1.4E-07
435	0.13	1.3E-07	8.6E+00	6.7E-03	1.0E-03	6.0E-05	1.6E-01	1.4E-02	1.3E-07

436	0.12	1.2E-07	8.0E+00	6.7E-03	1.0E-03	5.6E-05	1.6E-01	1.4E-02	1.2E-07
437	0.04	3.6E-08	2.4E+00	6.7E-03	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.6E-08
438	0.04	4.0E-08	2.7E+00	6.7E-03	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.0E-08
439	0.04	4.5E-08	3.0E+00	6.7E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.5E-08
440	0.05	5.0E-08	3.3E+00	6.7E-03	1.0E-03	2.3E-05	1.6E-01	1.4E-02	5.0E-08
441	0.06	5.8E-08	3.8E+00	6.7E-03	1.0E-03	2.7E-05	1.6E-01	1.4E-02	5.8E-08
442	0.28	2.8E-07	1.9E+01	6.7E-03	1.0E-03	1.3E-04	1.6E-01	1.4E-02	2.8E-07
443	0.26	2.6E-07	1.7E+01	6.7E-03	1.0E-03	1.2E-04	1.6E-01	1.4E-02	2.6E-07
444	0.24	2.4E-07	1.6E+01	6.7E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.4E-07
445	0.22	2.2E-07	1.4E+01	6.7E-03	1.0E-03	1.0E-04	1.6E-01	1.4E-02	2.2E-07
446	0.20	2.0E-07	1.3E+01	6.7E-03	1.0E-03	9.2E-05	1.6E-01	1.4E-02	2.0E-07
447	0.18	1.8E-07	1.2E+01	6.7E-03	1.0E-03	8.5E-05	1.6E-01	1.4E-02	1.8E-07
448	0.17	1.7E-07	1.1E+01	6.7E-03	1.0E-03	7.8E-05	1.6E-01	1.4E-02	1.7E-07
449	0.15	1.5E-07	1.0E+01	6.7E-03	1.0E-03	7.2E-05	1.6E-01	1.4E-02	1.5E-07
450	0.14	1.4E-07	9.4E+00	6.7E-03	1.0E-03	6.6E-05	1.6E-01	1.4E-02	1.4E-07
451	0.13	1.3E-07	8.7E+00	6.7E-03	1.0E-03	6.1E-05	1.6E-01	1.4E-02	1.3E-07
452	0.04	3.8E-08	2.5E+00	6.7E-03	1.0E-03	1.8E-05	1.6E-01	1.4E-02	3.8E-08
453	0.04	4.3E-08	2.8E+00	6.7E-03	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.3E-08
454	0.05	4.8E-08	3.2E+00	6.7E-03	1.0E-03	2.2E-05	1.6E-01	1.4E-02	4.8E-08
455	0.05	5.5E-08	3.6E+00	6.7E-03	1.0E-03	2.5E-05	1.6E-01	1.4E-02	5.5E-08
456	0.06	6.3E-08	4.2E+00	6.7E-03	1.0E-03	2.9E-05	1.6E-01	1.4E-02	6.3E-08
457	0.37	3.7E-07	2.5E+01	6.7E-03	1.0E-03	1.7E-04	1.6E-01	1.4E-02	3.7E-07
458	0.33	3.3E-07	2.2E+01	6.7E-03	1.0E-03	1.5E-04	1.6E-01	1.4E-02	3.3E-07
459	0.29	2.9E-07	1.9E+01	6.7E-03	1.0E-03	1.3E-04	1.6E-01	1.4E-02	2.9E-07
460	0.25	2.5E-07	1.7E+01	6.7E-03	1.0E-03	1.2E-04	1.6E-01	1.4E-02	2.5E-07
461	0.23	2.3E-07	1.5E+01	6.7E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.3E-07
462	0.21	2.1E-07	1.4E+01	6.7E-03	1.0E-03	9.5E-05	1.6E-01	1.4E-02	2.1E-07
463	0.19	1.9E-07	1.2E+01	6.7E-03	1.0E-03	8.7E-05	1.6E-01	1.4E-02	1.9E-07
464	0.17	1.7E-07	1.1E+01	6.7E-03	1.0E-03	7.9E-05	1.6E-01	1.4E-02	1.7E-07
465	0.15	1.5E-07	1.0E+01	6.7E-03	1.0E-03	7.2E-05	1.6E-01	1.4E-02	1.5E-07
466	0.14	1.4E-07	9.4E+00	6.7E-03	1.0E-03	6.6E-05	1.6E-01	1.4E-02	1.4E-07
467	0.04	4.0E-08	2.7E+00	6.7E-03	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.0E-08
468	0.05	4.5E-08	3.0E+00	6.7E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.5E-08
469	0.05	5.1E-08	3.4E+00	6.7E-03	1.0E-03	2.4E-05	1.6E-01	1.4E-02	5.1E-08
470	0.06	5.9E-08	3.9E+00	6.7E-03	1.0E-03	2.7E-05	1.6E-01	1.4E-02	5.9E-08
471	0.07	6.9E-08	4.6E+00	6.7E-03	1.0E-03	3.2E-05	1.6E-01	1.4E-02	6.9E-08
472	0.47	4.7E-07	3.1E+01	6.7E-03	1.0E-03	2.2E-04	1.6E-01	1.4E-02	4.7E-07
473	0.39	3.9E-07	2.6E+01	6.7E-03	1.0E-03	1.8E-04	1.6E-01	1.4E-02	3.9E-07
474	0.33	3.3E-07	2.2E+01	6.7E-03	1.0E-03	1.6E-04	1.6E-01	1.4E-02	3.3E-07
475	0.29	2.9E-07	1.9E+01	6.7E-03	1.0E-03	1.4E-04	1.6E-01	1.4E-02	2.9E-07
476	0.26	2.6E-07	1.7E+01	6.7E-03	1.0E-03	1.2E-04	1.6E-01	1.4E-02	2.6E-07
477	0.23	2.3E-07	1.5E+01	6.7E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.3E-07
478	0.21	2.1E-07	1.4E+01	6.7E-03	1.0E-03	9.5E-05	1.6E-01	1.4E-02	2.1E-07
479	0.19	1.9E-07	1.2E+01	6.7E-03	1.0E-03	8.6E-05	1.6E-01	1.4E-02	1.9E-07
480	0.17	1.7E-07	1.1E+01	6.7E-03	1.0E-03	7.8E-05	1.6E-01	1.4E-02	1.7E-07
481	0.15	1.5E-07	1.0E+01	6.7E-03	1.0E-03	7.0E-05	1.6E-01	1.4E-02	1.5E-07
482	0.04	4.2E-08	2.8E+00	6.7E-03	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.2E-08
483	0.05	4.8E-08	3.2E+00	6.7E-03	1.0E-03	2.2E-05	1.6E-01	1.4E-02	4.8E-08
484	0.05	5.5E-08	3.6E+00	6.7E-03	1.0E-03	2.5E-05	1.6E-01	1.4E-02	5.5E-08

485	0.06	6.3E-08	4.2E+00	6.7E-03	1.0E-03	2.9E-05	1.6E-01	1.4E-02	6.3E-08
486	0.07	7.5E-08	5.0E+00	6.7E-03	1.0E-03	3.5E-05	1.6E-01	1.4E-02	7.5E-08
487	0.57	5.7E-07	3.8E+01	6.7E-03	1.0E-03	2.6E-04	1.6E-01	1.4E-02	5.7E-07
488	0.46	4.6E-07	3.0E+01	6.7E-03	1.0E-03	2.1E-04	1.6E-01	1.4E-02	4.6E-07
489	0.38	3.8E-07	2.5E+01	6.7E-03	1.0E-03	1.8E-04	1.6E-01	1.4E-02	3.8E-07
490	0.33	3.3E-07	2.2E+01	6.7E-03	1.0E-03	1.5E-04	1.6E-01	1.4E-02	3.3E-07
491	0.29	2.9E-07	1.9E+01	6.7E-03	1.0E-03	1.3E-04	1.6E-01	1.4E-02	2.9E-07
492	0.25	2.5E-07	1.7E+01	6.7E-03	1.0E-03	1.2E-04	1.6E-01	1.4E-02	2.5E-07
493	0.22	2.2E-07	1.5E+01	6.7E-03	1.0E-03	1.0E-04	1.6E-01	1.4E-02	2.2E-07
494	0.20	2.0E-07	1.3E+01	6.7E-03	1.0E-03	9.3E-05	1.6E-01	1.4E-02	2.0E-07
495	0.18	1.8E-07	1.2E+01	6.7E-03	1.0E-03	8.4E-05	1.6E-01	1.4E-02	1.8E-07
496	0.16	1.6E-07	1.1E+01	6.7E-03	1.0E-03	7.5E-05	1.6E-01	1.4E-02	1.6E-07
497	0.04	4.4E-08	2.9E+00	6.7E-03	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.4E-08
498	0.05	5.0E-08	3.3E+00	6.7E-03	1.0E-03	2.3E-05	1.6E-01	1.4E-02	5.0E-08
499	0.06	5.8E-08	3.8E+00	6.7E-03	1.0E-03	2.7E-05	1.6E-01	1.4E-02	5.8E-08
500	0.07	6.8E-08	4.5E+00	6.7E-03	1.0E-03	3.2E-05	1.6E-01	1.4E-02	6.8E-08
501	0.08	8.1E-08	5.4E+00	6.7E-03	1.0E-03	3.8E-05	1.6E-01	1.4E-02	8.1E-08
502	0.64	6.4E-07	4.2E+01	6.7E-03	1.0E-03	3.0E-04	1.6E-01	1.4E-02	6.4E-07
503	0.51	5.1E-07	3.4E+01	6.7E-03	1.0E-03	2.4E-04	1.6E-01	1.4E-02	5.1E-07
504	0.42	4.2E-07	2.8E+01	6.7E-03	1.0E-03	2.0E-04	1.6E-01	1.4E-02	4.2E-07
505	0.36	3.6E-07	2.4E+01	6.7E-03	1.0E-03	1.7E-04	1.6E-01	1.4E-02	3.6E-07
506	0.31	3.1E-07	2.1E+01	6.7E-03	1.0E-03	1.5E-04	1.6E-01	1.4E-02	3.1E-07
507	0.27	2.7E-07	1.8E+01	6.7E-03	1.0E-03	1.3E-04	1.6E-01	1.4E-02	2.7E-07
508	0.24	2.4E-07	1.6E+01	6.7E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.4E-07
509	0.22	2.2E-07	1.4E+01	6.7E-03	1.0E-03	1.0E-04	1.6E-01	1.4E-02	2.2E-07
510	0.19	1.9E-07	1.3E+01	6.7E-03	1.0E-03	8.9E-05	1.6E-01	1.4E-02	1.9E-07
511	0.17	1.7E-07	1.1E+01	6.7E-03	1.0E-03	7.9E-05	1.6E-01	1.4E-02	1.7E-07
512	0.05	4.6E-08	3.0E+00	6.7E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.6E-08
513	0.05	5.2E-08	3.5E+00	6.7E-03	1.0E-03	2.4E-05	1.6E-01	1.4E-02	5.2E-08
514	0.06	6.0E-08	4.0E+00	6.7E-03	1.0E-03	2.8E-05	1.6E-01	1.4E-02	6.0E-08
515	0.07	7.1E-08	4.7E+00	6.7E-03	1.0E-03	3.3E-05	1.6E-01	1.4E-02	7.1E-08
516	0.09	8.6E-08	5.7E+00	6.7E-03	1.0E-03	4.0E-05	1.6E-01	1.4E-02	8.6E-08
517	0.70	7.0E-07	4.6E+01	6.7E-03	1.0E-03	3.2E-04	1.6E-01	1.4E-02	7.0E-07
518	0.56	5.6E-07	3.7E+01	6.7E-03	1.0E-03	2.6E-04	1.6E-01	1.4E-02	5.6E-07
519	0.47	4.7E-07	3.1E+01	6.7E-03	1.0E-03	2.2E-04	1.6E-01	1.4E-02	4.7E-07
520	0.40	4.0E-07	2.6E+01	6.7E-03	1.0E-03	1.8E-04	1.6E-01	1.4E-02	4.0E-07
521	0.34	3.4E-07	2.3E+01	6.7E-03	1.0E-03	1.6E-04	1.6E-01	1.4E-02	3.4E-07
522	0.30	3.0E-07	2.0E+01	6.7E-03	1.0E-03	1.4E-04	1.6E-01	1.4E-02	3.0E-07
523	0.26	2.6E-07	1.7E+01	6.7E-03	1.0E-03	1.2E-04	1.6E-01	1.4E-02	2.6E-07
524	0.23	2.3E-07	1.5E+01	6.7E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.3E-07
525	0.20	2.0E-07	1.3E+01	6.7E-03	1.0E-03	9.4E-05	1.6E-01	1.4E-02	2.0E-07
526	0.18	1.8E-07	1.2E+01	6.7E-03	1.0E-03	8.3E-05	1.6E-01	1.4E-02	1.8E-07
527	0.05	4.7E-08	3.1E+00	6.7E-03	1.0E-03	2.2E-05	1.6E-01	1.4E-02	4.7E-08
528	0.05	5.4E-08	3.6E+00	6.7E-03	1.0E-03	2.5E-05	1.6E-01	1.4E-02	5.4E-08
529	0.06	6.3E-08	4.2E+00	6.7E-03	1.0E-03	2.9E-05	1.6E-01	1.4E-02	6.3E-08
530	0.07	7.5E-08	5.0E+00	6.7E-03	1.0E-03	3.5E-05	1.6E-01	1.4E-02	7.5E-08
531	0.09	9.1E-08	6.0E+00	6.7E-03	1.0E-03	4.2E-05	1.6E-01	1.4E-02	9.1E-08
532	0.75	7.5E-07	5.0E+01	6.7E-03	1.0E-03	3.5E-04	1.6E-01	1.4E-02	7.5E-07
533	0.62	6.2E-07	4.1E+01	6.7E-03	1.0E-03	2.9E-04	1.6E-01	1.4E-02	6.2E-07

534	0.51	5.1E-07	3.4E+01	6.7E-03	1.0E-03	2.4E-04	1.6E-01	1.4E-02	5.1E-07
535	0.43	4.3E-07	2.8E+01	6.7E-03	1.0E-03	2.0E-04	1.6E-01	1.4E-02	4.3E-07
536	0.36	3.6E-07	2.4E+01	6.7E-03	1.0E-03	1.7E-04	1.6E-01	1.4E-02	3.6E-07
537	0.32	3.2E-07	2.1E+01	6.7E-03	1.0E-03	1.5E-04	1.6E-01	1.4E-02	3.2E-07
538	0.27	2.7E-07	1.8E+01	6.7E-03	1.0E-03	1.3E-04	1.6E-01	1.4E-02	2.7E-07
539	0.24	2.4E-07	1.6E+01	6.7E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.4E-07
540	0.21	2.1E-07	1.4E+01	6.7E-03	1.0E-03	9.7E-05	1.6E-01	1.4E-02	2.1E-07
541	0.18	1.8E-07	1.2E+01	6.7E-03	1.0E-03	8.5E-05	1.6E-01	1.4E-02	1.8E-07
542	0.05	4.8E-08	3.2E+00	6.7E-03	1.0E-03	2.2E-05	1.6E-01	1.4E-02	4.8E-08
543	0.06	5.5E-08	3.7E+00	6.7E-03	1.0E-03	2.6E-05	1.6E-01	1.4E-02	5.5E-08
544	0.07	6.5E-08	4.3E+00	6.7E-03	1.0E-03	3.0E-05	1.6E-01	1.4E-02	6.5E-08
545	0.08	7.8E-08	5.1E+00	6.7E-03	1.0E-03	3.6E-05	1.6E-01	1.4E-02	7.8E-08
546	0.09	9.5E-08	6.3E+00	6.7E-03	1.0E-03	4.4E-05	1.6E-01	1.4E-02	9.5E-08
547	0.84	8.4E-07	5.6E+01	6.7E-03	1.0E-03	3.9E-04	1.6E-01	1.4E-02	8.4E-07
548	0.68	6.8E-07	4.5E+01	6.7E-03	1.0E-03	3.2E-04	1.6E-01	1.4E-02	6.8E-07
549	0.56	5.6E-07	3.7E+01	6.7E-03	1.0E-03	2.6E-04	1.6E-01	1.4E-02	5.6E-07
550	0.46	4.6E-07	3.1E+01	6.7E-03	1.0E-03	2.1E-04	1.6E-01	1.4E-02	4.6E-07
551	0.38	3.8E-07	2.5E+01	6.7E-03	1.0E-03	1.8E-04	1.6E-01	1.4E-02	3.8E-07
552	0.32	3.2E-07	2.1E+01	6.7E-03	1.0E-03	1.5E-04	1.6E-01	1.4E-02	3.2E-07
553	0.28	2.8E-07	1.9E+01	6.7E-03	1.0E-03	1.3E-04	1.6E-01	1.4E-02	2.8E-07
554	0.24	2.4E-07	1.6E+01	6.7E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.4E-07
555	0.21	2.1E-07	1.4E+01	6.7E-03	1.0E-03	9.8E-05	1.6E-01	1.4E-02	2.1E-07
556	0.18	1.8E-07	1.2E+01	6.7E-03	1.0E-03	8.5E-05	1.6E-01	1.4E-02	1.8E-07
557	0.05	4.9E-08	3.2E+00	6.7E-03	1.0E-03	2.3E-05	1.6E-01	1.4E-02	4.9E-08
558	0.06	5.6E-08	3.7E+00	6.7E-03	1.0E-03	2.6E-05	1.6E-01	1.4E-02	5.6E-08
559	0.07	6.6E-08	4.4E+00	6.7E-03	1.0E-03	3.1E-05	1.6E-01	1.4E-02	6.6E-08
560	0.08	8.0E-08	5.3E+00	6.7E-03	1.0E-03	3.7E-05	1.6E-01	1.4E-02	8.0E-08
561	0.10	9.7E-08	6.4E+00	6.7E-03	1.0E-03	4.5E-05	1.6E-01	1.4E-02	9.7E-08
562	0.77	7.7E-07	5.1E+01	6.7E-03	1.0E-03	3.6E-04	1.6E-01	1.4E-02	7.7E-07
563	0.62	6.2E-07	4.1E+01	6.7E-03	1.0E-03	2.9E-04	1.6E-01	1.4E-02	6.2E-07
564	0.50	5.0E-07	3.3E+01	6.7E-03	1.0E-03	2.3E-04	1.6E-01	1.4E-02	5.0E-07
565	0.38	3.8E-07	2.5E+01	6.7E-03	1.0E-03	1.8E-04	1.6E-01	1.4E-02	3.8E-07
566	0.32	3.2E-07	2.1E+01	6.7E-03	1.0E-03	1.5E-04	1.6E-01	1.4E-02	3.2E-07
567	0.27	2.7E-07	1.8E+01	6.7E-03	1.0E-03	1.3E-04	1.6E-01	1.4E-02	2.7E-07
568	0.23	2.3E-07	1.5E+01	6.7E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.3E-07
569	0.20	2.0E-07	1.3E+01	6.7E-03	1.0E-03	9.3E-05	1.6E-01	1.4E-02	2.0E-07
570	0.18	1.8E-07	1.2E+01	6.7E-03	1.0E-03	8.2E-05	1.6E-01	1.4E-02	1.8E-07
571	0.05	4.9E-08	3.3E+00	6.7E-03	1.0E-03	2.3E-05	1.6E-01	1.4E-02	4.9E-08
572	0.06	5.7E-08	3.8E+00	6.7E-03	1.0E-03	2.6E-05	1.6E-01	1.4E-02	5.7E-08
573	0.07	6.7E-08	4.4E+00	6.7E-03	1.0E-03	3.1E-05	1.6E-01	1.4E-02	6.7E-08
574	0.08	8.1E-08	5.4E+00	6.7E-03	1.0E-03	3.7E-05	1.6E-01	1.4E-02	8.1E-08
575	0.10	9.8E-08	6.5E+00	6.7E-03	1.0E-03	4.6E-05	1.6E-01	1.4E-02	9.8E-08
576	0.71	7.1E-07	4.7E+01	6.7E-03	1.0E-03	3.3E-04	1.6E-01	1.4E-02	7.1E-07
577	0.57	5.7E-07	3.8E+01	6.7E-03	1.0E-03	2.6E-04	1.6E-01	1.4E-02	5.7E-07
578	0.44	4.4E-07	2.9E+01	6.7E-03	1.0E-03	2.0E-04	1.6E-01	1.4E-02	4.4E-07
579	0.36	3.6E-07	2.4E+01	6.7E-03	1.0E-03	1.7E-04	1.6E-01	1.4E-02	3.6E-07
580	0.30	3.0E-07	2.0E+01	6.7E-03	1.0E-03	1.4E-04	1.6E-01	1.4E-02	3.0E-07
581	0.24	2.4E-07	1.6E+01	6.7E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.4E-07
582	0.20	2.0E-07	1.3E+01	6.7E-03	1.0E-03	9.4E-05	1.6E-01	1.4E-02	2.0E-07

583	0.17	1.7E-07	1.1E+01	6.7E-03	1.0E-03	8.0E-05	1.6E-01	1.4E-02	1.7E-07
584	0.05	4.9E-08	3.3E+00	6.7E-03	1.0E-03	2.3E-05	1.6E-01	1.4E-02	4.9E-08
585	0.06	5.7E-08	3.8E+00	6.7E-03	1.0E-03	2.7E-05	1.6E-01	1.4E-02	5.7E-08
586	0.07	6.7E-08	4.5E+00	6.7E-03	1.0E-03	3.1E-05	1.6E-01	1.4E-02	6.7E-08
587	0.08	8.1E-08	5.4E+00	6.7E-03	1.0E-03	3.7E-05	1.6E-01	1.4E-02	8.1E-08
588	0.10	9.8E-08	6.5E+00	6.7E-03	1.0E-03	4.6E-05	1.6E-01	1.4E-02	9.8E-08
589	0.67	6.7E-07	4.4E+01	6.7E-03	1.0E-03	3.1E-04	1.6E-01	1.4E-02	6.7E-07
590	0.53	5.3E-07	3.5E+01	6.7E-03	1.0E-03	2.5E-04	1.6E-01	1.4E-02	5.3E-07
591	0.42	4.2E-07	2.8E+01	6.7E-03	1.0E-03	2.0E-04	1.6E-01	1.4E-02	4.2E-07
592	0.33	3.3E-07	2.2E+01	6.7E-03	1.0E-03	1.5E-04	1.6E-01	1.4E-02	3.3E-07
593	0.27	2.7E-07	1.8E+01	6.7E-03	1.0E-03	1.2E-04	1.6E-01	1.4E-02	2.7E-07
594	0.22	2.2E-07	1.4E+01	6.7E-03	1.0E-03	1.0E-04	1.6E-01	1.4E-02	2.2E-07
595	0.18	1.8E-07	1.2E+01	6.7E-03	1.0E-03	8.2E-05	1.6E-01	1.4E-02	1.8E-07
596	0.05	4.9E-08	3.2E+00	6.7E-03	1.0E-03	2.3E-05	1.6E-01	1.4E-02	4.9E-08
597	0.06	5.7E-08	3.8E+00	6.7E-03	1.0E-03	2.6E-05	1.6E-01	1.4E-02	5.7E-08
598	0.07	6.7E-08	4.4E+00	6.7E-03	1.0E-03	3.1E-05	1.6E-01	1.4E-02	6.7E-08
599	0.08	8.0E-08	5.3E+00	6.7E-03	1.0E-03	3.7E-05	1.6E-01	1.4E-02	8.0E-08
600	0.10	9.7E-08	6.4E+00	6.7E-03	1.0E-03	4.5E-05	1.6E-01	1.4E-02	9.7E-08
601	0.57	5.7E-07	3.8E+01	6.7E-03	1.0E-03	2.6E-04	1.6E-01	1.4E-02	5.7E-07
602	0.43	4.3E-07	2.9E+01	6.7E-03	1.0E-03	2.0E-04	1.6E-01	1.4E-02	4.3E-07
603	0.34	3.4E-07	2.2E+01	6.7E-03	1.0E-03	1.6E-04	1.6E-01	1.4E-02	3.4E-07
604	0.27	2.7E-07	1.8E+01	6.7E-03	1.0E-03	1.2E-04	1.6E-01	1.4E-02	2.7E-07
605	0.22	2.2E-07	1.5E+01	6.7E-03	1.0E-03	1.0E-04	1.6E-01	1.4E-02	2.2E-07
606	0.18	1.8E-07	1.2E+01	6.7E-03	1.0E-03	8.3E-05	1.6E-01	1.4E-02	1.8E-07
607	0.05	4.8E-08	3.2E+00	6.7E-03	1.0E-03	2.2E-05	1.6E-01	1.4E-02	4.8E-08
608	0.06	5.6E-08	3.7E+00	6.7E-03	1.0E-03	2.6E-05	1.6E-01	1.4E-02	5.6E-08
609	0.07	6.5E-08	4.3E+00	6.7E-03	1.0E-03	3.0E-05	1.6E-01	1.4E-02	6.5E-08
610	0.08	7.8E-08	5.2E+00	6.7E-03	1.0E-03	3.6E-05	1.6E-01	1.4E-02	7.8E-08
611	0.09	9.4E-08	6.2E+00	6.7E-03	1.0E-03	4.4E-05	1.6E-01	1.4E-02	9.4E-08
612	0.58	5.8E-07	3.8E+01	6.7E-03	1.0E-03	2.7E-04	1.6E-01	1.4E-02	5.8E-07
613	0.43	4.3E-07	2.8E+01	6.7E-03	1.0E-03	2.0E-04	1.6E-01	1.4E-02	4.3E-07
614	0.33	3.3E-07	2.2E+01	6.7E-03	1.0E-03	1.5E-04	1.6E-01	1.4E-02	3.3E-07
615	0.26	2.6E-07	1.7E+01	6.7E-03	1.0E-03	1.2E-04	1.6E-01	1.4E-02	2.6E-07
616	0.21	2.1E-07	1.4E+01	6.7E-03	1.0E-03	9.8E-05	1.6E-01	1.4E-02	2.1E-07
617	0.17	1.7E-07	1.1E+01	6.7E-03	1.0E-03	8.0E-05	1.6E-01	1.4E-02	1.7E-07
618	0.05	4.7E-08	3.1E+00	6.7E-03	1.0E-03	2.2E-05	1.6E-01	1.4E-02	4.7E-08
619	0.05	5.4E-08	3.6E+00	6.7E-03	1.0E-03	2.5E-05	1.6E-01	1.4E-02	5.4E-08
620	0.06	6.4E-08	4.2E+00	6.7E-03	1.0E-03	3.0E-05	1.6E-01	1.4E-02	6.4E-08
621	0.07	7.5E-08	5.0E+00	6.7E-03	1.0E-03	3.5E-05	1.6E-01	1.4E-02	7.5E-08
622	0.09	9.0E-08	6.0E+00	6.7E-03	1.0E-03	4.2E-05	1.6E-01	1.4E-02	9.0E-08
623	0.54	5.4E-07	3.6E+01	6.7E-03	1.0E-03	2.5E-04	1.6E-01	1.4E-02	5.4E-07
624	0.40	4.0E-07	2.6E+01	6.7E-03	1.0E-03	1.9E-04	1.6E-01	1.4E-02	4.0E-07
625	0.31	3.1E-07	2.0E+01	6.7E-03	1.0E-03	1.4E-04	1.6E-01	1.4E-02	3.1E-07
626	0.24	2.4E-07	1.6E+01	6.7E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.4E-07
627	0.20	2.0E-07	1.3E+01	6.7E-03	1.0E-03	9.3E-05	1.6E-01	1.4E-02	2.0E-07
628	0.16	1.6E-07	1.1E+01	6.7E-03	1.0E-03	7.6E-05	1.6E-01	1.4E-02	1.6E-07
629	0.05	4.6E-08	3.0E+00	6.7E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.6E-08
630	0.05	5.2E-08	3.5E+00	6.7E-03	1.0E-03	2.4E-05	1.6E-01	1.4E-02	5.2E-08
631	0.06	6.1E-08	4.0E+00	6.7E-03	1.0E-03	2.8E-05	1.6E-01	1.4E-02	6.1E-08

632	0.07	7.1E-08	4.7E+00	6.7E-03	1.0E-03	3.3E-05	1.6E-01	1.4E-02	7.1E-08
633	0.09	8.6E-08	5.7E+00	6.7E-03	1.0E-03	4.0E-05	1.6E-01	1.4E-02	8.6E-08
634	0.47	4.7E-07	3.1E+01	6.7E-03	1.0E-03	2.2E-04	1.6E-01	1.4E-02	4.7E-07
635	0.35	3.5E-07	2.3E+01	6.7E-03	1.0E-03	1.6E-04	1.6E-01	1.4E-02	3.5E-07
636	0.27	2.7E-07	1.8E+01	6.7E-03	1.0E-03	1.3E-04	1.6E-01	1.4E-02	2.7E-07
637	0.22	2.2E-07	1.5E+01	6.7E-03	1.0E-03	1.0E-04	1.6E-01	1.4E-02	2.2E-07
638	0.18	1.8E-07	1.2E+01	6.7E-03	1.0E-03	8.5E-05	1.6E-01	1.4E-02	1.8E-07
639	0.15	1.5E-07	1.0E+01	6.7E-03	1.0E-03	7.2E-05	1.6E-01	1.4E-02	1.5E-07
640	0.04	4.4E-08	2.9E+00	6.7E-03	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.4E-08
641	0.05	5.0E-08	3.3E+00	6.7E-03	1.0E-03	2.3E-05	1.6E-01	1.4E-02	5.0E-08
642	0.06	5.8E-08	3.9E+00	6.7E-03	1.0E-03	2.7E-05	1.6E-01	1.4E-02	5.8E-08
643	0.07	6.8E-08	4.5E+00	6.7E-03	1.0E-03	3.2E-05	1.6E-01	1.4E-02	6.8E-08
644	0.08	8.1E-08	5.4E+00	6.7E-03	1.0E-03	3.8E-05	1.6E-01	1.4E-02	8.1E-08
645	0.38	3.8E-07	2.5E+01	6.7E-03	1.0E-03	1.7E-04	1.6E-01	1.4E-02	3.8E-07
646	0.30	3.0E-07	2.0E+01	6.7E-03	1.0E-03	1.4E-04	1.6E-01	1.4E-02	3.0E-07
647	0.24	2.4E-07	1.6E+01	6.7E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.4E-07
648	0.20	2.0E-07	1.3E+01	6.7E-03	1.0E-03	9.2E-05	1.6E-01	1.4E-02	2.0E-07
649	0.17	1.7E-07	1.1E+01	6.7E-03	1.0E-03	7.7E-05	1.6E-01	1.4E-02	1.7E-07
650	0.14	1.4E-07	9.4E+00	6.7E-03	1.0E-03	6.6E-05	1.6E-01	1.4E-02	1.4E-07
651	0.04	4.2E-08	2.8E+00	6.7E-03	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.2E-08
652	0.05	4.8E-08	3.2E+00	6.7E-03	1.0E-03	2.2E-05	1.6E-01	1.4E-02	4.8E-08
653	0.06	5.6E-08	3.7E+00	6.7E-03	1.0E-03	2.6E-05	1.6E-01	1.4E-02	5.6E-08
654	0.06	6.5E-08	4.3E+00	6.7E-03	1.0E-03	3.0E-05	1.6E-01	1.4E-02	6.5E-08
655	0.08	7.6E-08	5.1E+00	6.7E-03	1.0E-03	3.5E-05	1.6E-01	1.4E-02	7.6E-08
656	0.09	9.1E-08	6.0E+00	6.7E-03	1.0E-03	4.2E-05	1.6E-01	1.4E-02	9.1E-08
657	0.11	1.1E-07	7.3E+00	6.7E-03	1.0E-03	5.1E-05	1.6E-01	1.4E-02	1.1E-07
658	0.14	1.4E-07	9.1E+00	6.7E-03	1.0E-03	6.4E-05	1.6E-01	1.4E-02	1.4E-07
659	0.17	1.7E-07	1.2E+01	6.7E-03	1.0E-03	8.1E-05	1.6E-01	1.4E-02	1.7E-07
660	0.23	2.3E-07	1.5E+01	6.7E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.3E-07
661	0.29	2.9E-07	1.9E+01	6.7E-03	1.0E-03	1.4E-04	1.6E-01	1.4E-02	2.9E-07
662	0.37	3.7E-07	2.4E+01	6.7E-03	1.0E-03	1.7E-04	1.6E-01	1.4E-02	3.7E-07
663	0.44	4.4E-07	2.9E+01	6.7E-03	1.0E-03	2.0E-04	1.6E-01	1.4E-02	4.4E-07
664	0.49	4.9E-07	3.2E+01	6.7E-03	1.0E-03	2.3E-04	1.6E-01	1.4E-02	4.9E-07
665	0.52	5.2E-07	3.4E+01	6.7E-03	1.0E-03	2.4E-04	1.6E-01	1.4E-02	5.2E-07
666	0.52	5.2E-07	3.5E+01	6.7E-03	1.0E-03	2.4E-04	1.6E-01	1.4E-02	5.2E-07
667	0.51	5.1E-07	3.4E+01	6.7E-03	1.0E-03	2.4E-04	1.6E-01	1.4E-02	5.1E-07
668	0.48	4.8E-07	3.2E+01	6.7E-03	1.0E-03	2.2E-04	1.6E-01	1.4E-02	4.8E-07
669	0.43	4.3E-07	2.9E+01	6.7E-03	1.0E-03	2.0E-04	1.6E-01	1.4E-02	4.3E-07
670	0.36	3.6E-07	2.4E+01	6.7E-03	1.0E-03	1.7E-04	1.6E-01	1.4E-02	3.6E-07
671	0.30	3.0E-07	2.0E+01	6.7E-03	1.0E-03	1.4E-04	1.6E-01	1.4E-02	3.0E-07
672	0.25	2.5E-07	1.6E+01	6.7E-03	1.0E-03	1.2E-04	1.6E-01	1.4E-02	2.5E-07
673	0.21	2.1E-07	1.4E+01	6.7E-03	1.0E-03	9.6E-05	1.6E-01	1.4E-02	2.1E-07
674	0.17	1.7E-07	1.2E+01	6.7E-03	1.0E-03	8.1E-05	1.6E-01	1.4E-02	1.7E-07
675	0.15	1.5E-07	9.9E+00	6.7E-03	1.0E-03	6.9E-05	1.6E-01	1.4E-02	1.5E-07
676	0.13	1.3E-07	8.6E+00	6.7E-03	1.0E-03	6.0E-05	1.6E-01	1.4E-02	1.3E-07
677	0.04	4.0E-08	2.7E+00	6.7E-03	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.0E-08
678	0.05	4.5E-08	3.0E+00	6.7E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.5E-08
679	0.05	5.2E-08	3.5E+00	6.7E-03	1.0E-03	2.4E-05	1.6E-01	1.4E-02	5.2E-08
680	0.06	6.0E-08	4.0E+00	6.7E-03	1.0E-03	2.8E-05	1.6E-01	1.4E-02	6.0E-08

681	0.07	7.0E-08	4.7E+00	6.7E-03	1.0E-03	3.3E-05	1.6E-01	1.4E-02	7.0E-08
682	0.08	8.3E-08	5.5E+00	6.7E-03	1.0E-03	3.8E-05	1.6E-01	1.4E-02	8.3E-08
683	0.10	9.9E-08	6.5E+00	6.7E-03	1.0E-03	4.6E-05	1.6E-01	1.4E-02	9.9E-08
684	0.12	1.2E-07	8.0E+00	6.7E-03	1.0E-03	5.6E-05	1.6E-01	1.4E-02	1.2E-07
685	0.15	1.5E-07	9.8E+00	6.7E-03	1.0E-03	6.9E-05	1.6E-01	1.4E-02	1.5E-07
686	0.18	1.8E-07	1.2E+01	6.7E-03	1.0E-03	8.5E-05	1.6E-01	1.4E-02	1.8E-07
687	0.23	2.3E-07	1.5E+01	6.7E-03	1.0E-03	1.0E-04	1.6E-01	1.4E-02	2.3E-07
688	0.27	2.7E-07	1.8E+01	6.7E-03	1.0E-03	1.3E-04	1.6E-01	1.4E-02	2.7E-07
689	0.31	3.1E-07	2.1E+01	6.7E-03	1.0E-03	1.4E-04	1.6E-01	1.4E-02	3.1E-07
690	0.34	3.4E-07	2.3E+01	6.7E-03	1.0E-03	1.6E-04	1.6E-01	1.4E-02	3.4E-07
691	0.36	3.6E-07	2.4E+01	6.7E-03	1.0E-03	1.7E-04	1.6E-01	1.4E-02	3.6E-07
692	0.37	3.7E-07	2.5E+01	6.7E-03	1.0E-03	1.7E-04	1.6E-01	1.4E-02	3.7E-07
693	0.36	3.6E-07	2.4E+01	6.7E-03	1.0E-03	1.7E-04	1.6E-01	1.4E-02	3.6E-07
694	0.35	3.5E-07	2.3E+01	6.7E-03	1.0E-03	1.6E-04	1.6E-01	1.4E-02	3.5E-07
695	0.32	3.2E-07	2.1E+01	6.7E-03	1.0E-03	1.5E-04	1.6E-01	1.4E-02	3.2E-07
696	0.28	2.8E-07	1.9E+01	6.7E-03	1.0E-03	1.3E-04	1.6E-01	1.4E-02	2.8E-07
697	0.24	2.4E-07	1.6E+01	6.7E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.4E-07
698	0.21	2.1E-07	1.4E+01	6.7E-03	1.0E-03	9.6E-05	1.6E-01	1.4E-02	2.1E-07
699	0.18	1.8E-07	1.2E+01	6.7E-03	1.0E-03	8.3E-05	1.6E-01	1.4E-02	1.8E-07
700	0.15	1.5E-07	1.0E+01	6.7E-03	1.0E-03	7.1E-05	1.6E-01	1.4E-02	1.5E-07
701	0.13	1.3E-07	8.9E+00	6.7E-03	1.0E-03	6.2E-05	1.6E-01	1.4E-02	1.3E-07
702	0.12	1.2E-07	7.8E+00	6.7E-03	1.0E-03	5.4E-05	1.6E-01	1.4E-02	1.2E-07
703	0.04	3.8E-08	2.5E+00	6.7E-03	1.0E-03	1.8E-05	1.6E-01	1.4E-02	3.8E-08
704	0.04	4.3E-08	2.9E+00	6.7E-03	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.3E-08
705	0.05	4.9E-08	3.2E+00	6.7E-03	1.0E-03	2.3E-05	1.6E-01	1.4E-02	4.9E-08
706	0.06	5.6E-08	3.7E+00	6.7E-03	1.0E-03	2.6E-05	1.6E-01	1.4E-02	5.6E-08
707	0.06	6.4E-08	4.3E+00	6.7E-03	1.0E-03	3.0E-05	1.6E-01	1.4E-02	6.4E-08
708	0.08	7.5E-08	5.0E+00	6.7E-03	1.0E-03	3.5E-05	1.6E-01	1.4E-02	7.5E-08
709	0.09	8.9E-08	5.9E+00	6.7E-03	1.0E-03	4.1E-05	1.6E-01	1.4E-02	8.9E-08
710	0.11	1.1E-07	7.1E+00	6.7E-03	1.0E-03	4.9E-05	1.6E-01	1.4E-02	1.1E-07
711	0.13	1.3E-07	8.4E+00	6.7E-03	1.0E-03	5.9E-05	1.6E-01	1.4E-02	1.3E-07
712	0.15	1.5E-07	1.0E+01	6.7E-03	1.0E-03	7.0E-05	1.6E-01	1.4E-02	1.5E-07
713	0.18	1.8E-07	1.2E+01	6.7E-03	1.0E-03	8.3E-05	1.6E-01	1.4E-02	1.8E-07
714	0.21	2.1E-07	1.4E+01	6.7E-03	1.0E-03	9.7E-05	1.6E-01	1.4E-02	2.1E-07
715	0.23	2.3E-07	1.6E+01	6.7E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.3E-07
716	0.26	2.6E-07	1.7E+01	6.7E-03	1.0E-03	1.2E-04	1.6E-01	1.4E-02	2.6E-07
717	0.27	2.7E-07	1.8E+01	6.7E-03	1.0E-03	1.2E-04	1.6E-01	1.4E-02	2.7E-07
718	0.27	2.7E-07	1.8E+01	6.7E-03	1.0E-03	1.3E-04	1.6E-01	1.4E-02	2.7E-07
719	0.27	2.7E-07	1.8E+01	6.7E-03	1.0E-03	1.3E-04	1.6E-01	1.4E-02	2.7E-07
720	0.26	2.6E-07	1.7E+01	6.7E-03	1.0E-03	1.2E-04	1.6E-01	1.4E-02	2.6E-07
721	0.24	2.4E-07	1.6E+01	6.7E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.4E-07
722	0.22	2.2E-07	1.5E+01	6.7E-03	1.0E-03	1.0E-04	1.6E-01	1.4E-02	2.2E-07
723	0.20	2.0E-07	1.3E+01	6.7E-03	1.0E-03	9.2E-05	1.6E-01	1.4E-02	2.0E-07
724	0.18	1.8E-07	1.2E+01	6.7E-03	1.0E-03	8.1E-05	1.6E-01	1.4E-02	1.8E-07
725	0.15	1.5E-07	1.0E+01	6.7E-03	1.0E-03	7.2E-05	1.6E-01	1.4E-02	1.5E-07
726	0.14	1.4E-07	9.0E+00	6.7E-03	1.0E-03	6.3E-05	1.6E-01	1.4E-02	1.4E-07
727	0.12	1.2E-07	7.9E+00	6.7E-03	1.0E-03	5.6E-05	1.6E-01	1.4E-02	1.2E-07
728	0.11	1.1E-07	7.0E+00	6.7E-03	1.0E-03	4.9E-05	1.6E-01	1.4E-02	1.1E-07
729	0.04	3.6E-08	2.4E+00	6.7E-03	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.6E-08

730	0.04	4.1E-08	2.7E+00	6.7E-03	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.1E-08
731	0.05	4.6E-08	3.0E+00	6.7E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.6E-08
732	0.05	5.2E-08	3.5E+00	6.7E-03	1.0E-03	2.4E-05	1.6E-01	1.4E-02	5.2E-08
733	0.06	5.9E-08	3.9E+00	6.7E-03	1.0E-03	2.8E-05	1.6E-01	1.4E-02	5.9E-08
734	0.07	6.9E-08	4.6E+00	6.7E-03	1.0E-03	3.2E-05	1.6E-01	1.4E-02	6.9E-08
735	0.08	8.0E-08	5.3E+00	6.7E-03	1.0E-03	3.7E-05	1.6E-01	1.4E-02	8.0E-08
736	0.09	9.4E-08	6.2E+00	6.7E-03	1.0E-03	4.3E-05	1.6E-01	1.4E-02	9.4E-08
737	0.11	1.1E-07	7.2E+00	6.7E-03	1.0E-03	5.0E-05	1.6E-01	1.4E-02	1.1E-07
738	0.13	1.3E-07	8.4E+00	6.7E-03	1.0E-03	5.9E-05	1.6E-01	1.4E-02	1.3E-07
739	0.15	1.5E-07	9.6E+00	6.7E-03	1.0E-03	6.8E-05	1.6E-01	1.4E-02	1.5E-07
740	0.17	1.7E-07	1.1E+01	6.7E-03	1.0E-03	7.7E-05	1.6E-01	1.4E-02	1.7E-07
741	0.18	1.8E-07	1.2E+01	6.7E-03	1.0E-03	8.5E-05	1.6E-01	1.4E-02	1.8E-07
742	0.20	2.0E-07	1.3E+01	6.7E-03	1.0E-03	9.2E-05	1.6E-01	1.4E-02	2.0E-07
743	0.21	2.1E-07	1.4E+01	6.7E-03	1.0E-03	9.6E-05	1.6E-01	1.4E-02	2.1E-07
744	0.21	2.1E-07	1.4E+01	6.7E-03	1.0E-03	9.9E-05	1.6E-01	1.4E-02	2.1E-07
745	0.21	2.1E-07	1.4E+01	6.7E-03	1.0E-03	9.9E-05	1.6E-01	1.4E-02	2.1E-07
746	0.21	2.1E-07	1.4E+01	6.7E-03	1.0E-03	9.6E-05	1.6E-01	1.4E-02	2.1E-07
747	0.20	2.0E-07	1.3E+01	6.7E-03	1.0E-03	9.1E-05	1.6E-01	1.4E-02	2.0E-07
748	0.18	1.8E-07	1.2E+01	6.7E-03	1.0E-03	8.4E-05	1.6E-01	1.4E-02	1.8E-07
749	0.17	1.7E-07	1.1E+01	6.7E-03	1.0E-03	7.7E-05	1.6E-01	1.4E-02	1.7E-07
750	0.15	1.5E-07	9.9E+00	6.7E-03	1.0E-03	6.9E-05	1.6E-01	1.4E-02	1.5E-07
751	0.13	1.3E-07	8.9E+00	6.7E-03	1.0E-03	6.2E-05	1.6E-01	1.4E-02	1.3E-07
752	0.12	1.2E-07	7.9E+00	6.7E-03	1.0E-03	5.6E-05	1.6E-01	1.4E-02	1.2E-07
753	0.11	1.1E-07	7.1E+00	6.7E-03	1.0E-03	5.0E-05	1.6E-01	1.4E-02	1.1E-07
754	0.10	9.6E-08	6.4E+00	6.7E-03	1.0E-03	4.5E-05	1.6E-01	1.4E-02	9.6E-08
755	0.03	3.4E-08	2.3E+00	6.7E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.4E-08
756	0.04	3.8E-08	2.5E+00	6.7E-03	1.0E-03	1.8E-05	1.6E-01	1.4E-02	3.8E-08
757	0.04	4.3E-08	2.8E+00	6.7E-03	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.3E-08
758	0.05	4.8E-08	3.2E+00	6.7E-03	1.0E-03	2.2E-05	1.6E-01	1.4E-02	4.8E-08
759	0.05	5.5E-08	3.6E+00	6.7E-03	1.0E-03	2.5E-05	1.6E-01	1.4E-02	5.5E-08
760	0.06	6.2E-08	4.1E+00	6.7E-03	1.0E-03	2.9E-05	1.6E-01	1.4E-02	6.2E-08
761	0.07	7.1E-08	4.7E+00	6.7E-03	1.0E-03	3.3E-05	1.6E-01	1.4E-02	7.1E-08
762	0.08	8.2E-08	5.5E+00	6.7E-03	1.0E-03	3.8E-05	1.6E-01	1.4E-02	8.2E-08
763	0.09	9.4E-08	6.2E+00	6.7E-03	1.0E-03	4.4E-05	1.6E-01	1.4E-02	9.4E-08
764	0.11	1.1E-07	7.1E+00	6.7E-03	1.0E-03	5.0E-05	1.6E-01	1.4E-02	1.1E-07
765	0.12	1.2E-07	8.0E+00	6.7E-03	1.0E-03	5.6E-05	1.6E-01	1.4E-02	1.2E-07
766	0.13	1.3E-07	8.9E+00	6.7E-03	1.0E-03	6.3E-05	1.6E-01	1.4E-02	1.3E-07
767	0.15	1.5E-07	9.8E+00	6.7E-03	1.0E-03	6.9E-05	1.6E-01	1.4E-02	1.5E-07
768	0.16	1.6E-07	1.0E+01	6.7E-03	1.0E-03	7.3E-05	1.6E-01	1.4E-02	1.6E-07
769	0.17	1.7E-07	1.1E+01	6.7E-03	1.0E-03	7.7E-05	1.6E-01	1.4E-02	1.7E-07
770	0.17	1.7E-07	1.1E+01	6.7E-03	1.0E-03	7.9E-05	1.6E-01	1.4E-02	1.7E-07
771	0.17	1.7E-07	1.1E+01	6.7E-03	1.0E-03	8.0E-05	1.6E-01	1.4E-02	1.7E-07
772	0.17	1.7E-07	1.1E+01	6.7E-03	1.0E-03	7.9E-05	1.6E-01	1.4E-02	1.7E-07
773	0.16	1.6E-07	1.1E+01	6.7E-03	1.0E-03	7.5E-05	1.6E-01	1.4E-02	1.6E-07
774	0.15	1.5E-07	1.0E+01	6.7E-03	1.0E-03	7.0E-05	1.6E-01	1.4E-02	1.5E-07
775	0.14	1.4E-07	9.3E+00	6.7E-03	1.0E-03	6.5E-05	1.6E-01	1.4E-02	1.4E-07
776	0.13	1.3E-07	8.5E+00	6.7E-03	1.0E-03	6.0E-05	1.6E-01	1.4E-02	1.3E-07
777	0.12	1.2E-07	7.8E+00	6.7E-03	1.0E-03	5.4E-05	1.6E-01	1.4E-02	1.2E-07
778	0.11	1.1E-07	7.1E+00	6.7E-03	1.0E-03	4.9E-05	1.6E-01	1.4E-02	1.1E-07

779	0.10	9.6E-08	6.4E+00	6.7E-03	1.0E-03	4.5E-05	1.6E-01	1.4E-02	9.6E-08
780	0.09	8.7E-08	5.8E+00	6.7E-03	1.0E-03	4.1E-05	1.6E-01	1.4E-02	8.7E-08
781	0.03	3.2E-08	2.1E+00	6.7E-03	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.2E-08
782	0.04	3.6E-08	2.4E+00	6.7E-03	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.6E-08
783	0.04	4.0E-08	2.6E+00	6.7E-03	1.0E-03	1.8E-05	1.6E-01	1.4E-02	4.0E-08
784	0.04	4.5E-08	3.0E+00	6.7E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.5E-08
785	0.05	5.0E-08	3.3E+00	6.7E-03	1.0E-03	2.3E-05	1.6E-01	1.4E-02	5.0E-08
786	0.06	5.7E-08	3.8E+00	6.7E-03	1.0E-03	2.6E-05	1.6E-01	1.4E-02	5.7E-08
787	0.06	6.4E-08	4.3E+00	6.7E-03	1.0E-03	3.0E-05	1.6E-01	1.4E-02	6.4E-08
788	0.07	7.3E-08	4.8E+00	6.7E-03	1.0E-03	3.4E-05	1.6E-01	1.4E-02	7.3E-08
789	0.08	8.2E-08	5.4E+00	6.7E-03	1.0E-03	3.8E-05	1.6E-01	1.4E-02	8.2E-08
790	0.09	9.2E-08	6.1E+00	6.7E-03	1.0E-03	4.3E-05	1.6E-01	1.4E-02	9.2E-08
791	0.10	1.0E-07	6.8E+00	6.7E-03	1.0E-03	4.7E-05	1.6E-01	1.4E-02	1.0E-07
792	0.11	1.1E-07	7.5E+00	6.7E-03	1.0E-03	5.2E-05	1.6E-01	1.4E-02	1.1E-07
793	0.12	1.2E-07	8.1E+00	6.7E-03	1.0E-03	5.7E-05	1.6E-01	1.4E-02	1.2E-07
794	0.13	1.3E-07	8.6E+00	6.7E-03	1.0E-03	6.0E-05	1.6E-01	1.4E-02	1.3E-07
795	0.14	1.4E-07	9.0E+00	6.7E-03	1.0E-03	6.3E-05	1.6E-01	1.4E-02	1.4E-07
796	0.14	1.4E-07	9.3E+00	6.7E-03	1.0E-03	6.5E-05	1.6E-01	1.4E-02	1.4E-07
797	0.14	1.4E-07	9.4E+00	6.7E-03	1.0E-03	6.6E-05	1.6E-01	1.4E-02	1.4E-07
798	0.14	1.4E-07	9.3E+00	6.7E-03	1.0E-03	6.5E-05	1.6E-01	1.4E-02	1.4E-07
799	0.14	1.4E-07	9.0E+00	6.7E-03	1.0E-03	6.3E-05	1.6E-01	1.4E-02	1.4E-07
800	0.13	1.3E-07	8.5E+00	6.7E-03	1.0E-03	5.9E-05	1.6E-01	1.4E-02	1.3E-07
801	0.12	1.2E-07	8.0E+00	6.7E-03	1.0E-03	5.6E-05	1.6E-01	1.4E-02	1.2E-07
802	0.11	1.1E-07	7.4E+00	6.7E-03	1.0E-03	5.2E-05	1.6E-01	1.4E-02	1.1E-07
803	0.10	1.0E-07	6.9E+00	6.7E-03	1.0E-03	4.8E-05	1.6E-01	1.4E-02	1.0E-07
804	0.10	9.5E-08	6.3E+00	6.7E-03	1.0E-03	4.4E-05	1.6E-01	1.4E-02	9.5E-08
805	0.09	8.7E-08	5.8E+00	6.7E-03	1.0E-03	4.0E-05	1.6E-01	1.4E-02	8.7E-08
806	0.08	8.0E-08	5.3E+00	6.7E-03	1.0E-03	3.7E-05	1.6E-01	1.4E-02	8.0E-08

Risk From New Building Const - Unmitigated Residential

Franklin School Project
Risk From New Building Const - Unmitigated Residential

	44.16	Max								
						Onsite				
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**
1	0.12	1.2E-07	1.8E-01	7.2E-03	1.0E-03	1.3E-06	1.6E-01	5.5E-01	1.2E-07	3.2E-01
2	0.13	1.3E-07	2.0E-01	7.2E-03	1.0E-03	1.5E-06	1.6E-01	5.5E-01	1.3E-07	3.6E-01
3	0.14	1.4E-07	2.1E-01	7.2E-03	1.0E-03	1.6E-06	1.6E-01	5.5E-01	1.4E-07	4.1E-01
4	0.15	1.5E-07	2.3E-01	7.2E-03	1.0E-03	1.7E-06	1.6E-01	5.5E-01	1.5E-07	4.6E-01
5	0.16	1.6E-07	2.5E-01	7.2E-03	1.0E-03	1.9E-06	1.6E-01	5.5E-01	1.6E-07	5.1E-01
6	0.17	1.7E-07	2.7E-01	7.2E-03	1.0E-03	2.0E-06	1.6E-01	5.5E-01	1.7E-07	5.5E-01
7	0.19	1.9E-07	2.9E-01	7.2E-03	1.0E-03	2.1E-06	1.6E-01	5.5E-01	1.8E-07	6.0E-01
8	0.19	1.9E-07	3.0E-01	7.2E-03	1.0E-03	2.3E-06	1.6E-01	5.5E-01	1.9E-07	6.4E-01
9	0.21	2.1E-07	3.2E-01	7.2E-03	1.0E-03	2.4E-06	1.6E-01	5.5E-01	2.1E-07	6.9E-01
10	0.22	2.2E-07	3.3E-01	7.2E-03	1.0E-03	2.5E-06	1.6E-01	5.5E-01	2.1E-07	7.5E-01
11	0.23	2.3E-07	3.5E-01	7.2E-03	1.0E-03	2.7E-06	1.6E-01	5.5E-01	2.3E-07	8.0E-01
12	0.25	2.5E-07	3.8E-01	7.2E-03	1.0E-03	2.9E-06	1.6E-01	5.5E-01	2.5E-07	8.4E-01
13	0.26	2.6E-07	4.0E-01	7.2E-03	1.0E-03	3.0E-06	1.6E-01	5.5E-01	2.6E-07	8.5E-01
14	0.27	2.7E-07	4.2E-01	7.2E-03	1.0E-03	3.2E-06	1.6E-01	5.5E-01	2.7E-07	8.3E-01
15	0.29	2.9E-07	4.4E-01	7.2E-03	1.0E-03	3.3E-06	1.6E-01	5.5E-01	2.8E-07	7.9E-01
16	0.29	2.9E-07	4.5E-01	7.2E-03	1.0E-03	3.4E-06	1.6E-01	5.5E-01	2.9E-07	7.4E-01
17	0.13	1.3E-07	2.0E-01	7.2E-03	1.0E-03	1.5E-06	1.6E-01	5.5E-01	1.3E-07	3.8E-01
18	0.14	1.4E-07	2.2E-01	7.2E-03	1.0E-03	1.7E-06	1.6E-01	5.5E-01	1.4E-07	4.4E-01
19	0.16	1.6E-07	2.4E-01	7.2E-03	1.0E-03	1.8E-06	1.6E-01	5.5E-01	1.6E-07	5.1E-01
20	0.17	1.7E-07	2.7E-01	7.2E-03	1.0E-03	2.0E-06	1.6E-01	5.5E-01	1.7E-07	5.8E-01
21	0.19	1.9E-07	2.9E-01	7.2E-03	1.0E-03	2.2E-06	1.6E-01	5.5E-01	1.9E-07	6.6E-01
22	0.21	2.1E-07	3.2E-01	7.2E-03	1.0E-03	2.4E-06	1.6E-01	5.5E-01	2.1E-07	7.3E-01
23	0.22	2.2E-07	3.4E-01	7.2E-03	1.0E-03	2.6E-06	1.6E-01	5.5E-01	2.2E-07	8.0E-01
24	0.24	2.4E-07	3.6E-01	7.2E-03	1.0E-03	2.7E-06	1.6E-01	5.5E-01	2.3E-07	8.7E-01
25	0.25	2.5E-07	3.9E-01	7.2E-03	1.0E-03	2.9E-06	1.6E-01	5.5E-01	2.5E-07	9.6E-01
26	0.27	2.7E-07	4.1E-01	7.2E-03	1.0E-03	3.1E-06	1.6E-01	5.5E-01	2.6E-07	1.1E+00
27	0.29	2.9E-07	4.4E-01	7.2E-03	1.0E-03	3.3E-06	1.6E-01	5.5E-01	2.9E-07	1.1E+00
28	0.31	3.1E-07	4.8E-01	7.2E-03	1.0E-03	3.6E-06	1.6E-01	5.5E-01	3.1E-07	1.1E+00
29	0.33	3.3E-07	5.1E-01	7.2E-03	1.0E-03	3.8E-06	1.6E-01	5.5E-01	3.3E-07	1.1E+00
30	0.35	3.5E-07	5.3E-01	7.2E-03	1.0E-03	4.0E-06	1.6E-01	5.5E-01	3.5E-07	1.0E+00
31	0.36	3.6E-07	5.5E-01	7.2E-03	1.0E-03	4.2E-06	1.6E-01	5.5E-01	3.6E-07	9.6E-01
32	0.36	3.6E-07	5.6E-01	7.2E-03	1.0E-03	4.2E-06	1.6E-01	5.5E-01	3.6E-07	8.7E-01
33	0.15	1.5E-07	2.2E-01	7.2E-03	1.0E-03	1.7E-06	1.6E-01	5.5E-01	1.4E-07	4.4E-01
34	0.16	1.6E-07	2.5E-01	7.2E-03	1.0E-03	1.9E-06	1.6E-01	5.5E-01	1.6E-07	5.3E-01
35	0.18	1.8E-07	2.8E-01	7.2E-03	1.0E-03	2.1E-06	1.6E-01	5.5E-01	1.8E-07	6.3E-01
36	0.20	2.0E-07	3.1E-01	7.2E-03	1.0E-03	2.4E-06	1.6E-01	5.5E-01	2.0E-07	7.6E-01
37	0.23	2.3E-07	3.5E-01	7.2E-03	1.0E-03	2.6E-06	1.6E-01	5.5E-01	2.3E-07	8.9E-01
38	0.25	2.5E-07	3.8E-01	7.2E-03	1.0E-03	2.9E-06	1.6E-01	5.5E-01	2.5E-07	1.0E+00
39	0.27	2.7E-07	4.2E-01	7.2E-03	1.0E-03	3.1E-06	1.6E-01	5.5E-01	2.7E-07	1.1E+00
40	0.29	2.9E-07	4.5E-01	7.2E-03	1.0E-03	3.4E-06	1.6E-01	5.5E-01	2.9E-07	1.3E+00
41	0.31	3.1E-07	4.8E-01	7.2E-03	1.0E-03	3.6E-06	1.6E-01	5.5E-01	3.1E-07	1.4E+00
42	0.34	3.4E-07	5.2E-01	7.2E-03	1.0E-03	3.9E-06	1.6E-01	5.5E-01	3.3E-07	1.5E+00
43	0.37	3.7E-07	5.7E-01	7.2E-03	1.0E-03	4.3E-06	1.6E-01	5.5E-01	3.7E-07	1.6E+00

44	0.40	4.0E-07	6.2E-01	7.2E-03	1.0E-03	4.6E-06	1.6E-01	5.5E-01	4.0E-07	1.5E+00
45	0.43	4.3E-07	6.6E-01	7.2E-03	1.0E-03	5.0E-06	1.6E-01	5.5E-01	4.3E-07	1.4E+00
46	0.45	4.5E-07	6.9E-01	7.2E-03	1.0E-03	5.2E-06	1.6E-01	5.5E-01	4.5E-07	1.3E+00
47	0.46	4.6E-07	7.1E-01	7.2E-03	1.0E-03	5.3E-06	1.6E-01	5.5E-01	4.6E-07	1.1E+00
48	0.46	4.6E-07	7.0E-01	7.2E-03	1.0E-03	5.3E-06	1.6E-01	5.5E-01	4.5E-07	9.8E-01
49	0.16	1.6E-07	2.5E-01	7.2E-03	1.0E-03	1.9E-06	1.6E-01	5.5E-01	1.6E-07	5.2E-01
50	0.19	1.9E-07	2.9E-01	7.2E-03	1.0E-03	2.1E-06	1.6E-01	5.5E-01	1.8E-07	6.4E-01
51	0.21	2.1E-07	3.3E-01	7.2E-03	1.0E-03	2.5E-06	1.6E-01	5.5E-01	2.1E-07	8.1E-01
52	0.24	2.4E-07	3.7E-01	7.2E-03	1.0E-03	2.8E-06	1.6E-01	5.5E-01	2.4E-07	1.0E+00
53	0.27	2.7E-07	4.2E-01	7.2E-03	1.0E-03	3.2E-06	1.6E-01	5.5E-01	2.7E-07	1.3E+00
54	0.31	3.1E-07	4.7E-01	7.2E-03	1.0E-03	3.6E-06	1.6E-01	5.5E-01	3.1E-07	1.5E+00
55	0.34	3.4E-07	5.2E-01	7.2E-03	1.0E-03	3.9E-06	1.6E-01	5.5E-01	3.4E-07	1.7E+00
56	0.37	3.7E-07	5.7E-01	7.2E-03	1.0E-03	4.3E-06	1.6E-01	5.5E-01	3.7E-07	2.0E+00
57	0.40	4.0E-07	6.2E-01	7.2E-03	1.0E-03	4.6E-06	1.6E-01	5.5E-01	4.0E-07	2.3E+00
58	0.44	4.4E-07	6.8E-01	7.2E-03	1.0E-03	5.1E-06	1.6E-01	5.5E-01	4.4E-07	2.4E+00
59	0.50	5.0E-07	7.7E-01	7.2E-03	1.0E-03	5.7E-06	1.6E-01	5.5E-01	4.9E-07	2.3E+00
60	0.54	5.4E-07	8.3E-01	7.2E-03	1.0E-03	6.2E-06	1.6E-01	5.5E-01	5.4E-07	2.1E+00
61	0.57	5.7E-07	8.9E-01	7.2E-03	1.0E-03	6.7E-06	1.6E-01	5.5E-01	5.7E-07	1.8E+00
62	0.59	5.9E-07	9.1E-01	7.2E-03	1.0E-03	6.9E-06	1.6E-01	5.5E-01	5.9E-07	1.5E+00
63	0.59	5.9E-07	9.1E-01	7.2E-03	1.0E-03	6.8E-06	1.6E-01	5.5E-01	5.9E-07	1.3E+00
64	0.57	5.7E-07	8.8E-01	7.2E-03	1.0E-03	6.6E-06	1.6E-01	5.5E-01	5.7E-07	1.1E+00
65	0.18	1.8E-07	2.8E-01	7.2E-03	1.0E-03	2.1E-06	1.6E-01	5.5E-01	1.8E-07	6.0E-01
66	0.21	2.1E-07	3.3E-01	7.2E-03	1.0E-03	2.5E-06	1.6E-01	5.5E-01	2.1E-07	7.8E-01
67	0.25	2.5E-07	3.8E-01	7.2E-03	1.0E-03	2.9E-06	1.6E-01	5.5E-01	2.5E-07	1.0E+00
68	0.29	2.9E-07	4.4E-01	7.2E-03	1.0E-03	3.3E-06	1.6E-01	5.5E-01	2.9E-07	1.4E+00
69	0.34	3.4E-07	5.2E-01	7.2E-03	1.0E-03	3.9E-06	1.6E-01	5.5E-01	3.3E-07	1.9E+00
70	0.39	3.9E-07	6.0E-01	7.2E-03	1.0E-03	4.5E-06	1.6E-01	5.5E-01	3.9E-07	2.5E+00
71	0.44	4.4E-07	6.8E-01	7.2E-03	1.0E-03	5.1E-06	1.6E-01	5.5E-01	4.4E-07	3.0E+00
72	0.49	4.9E-07	7.5E-01	7.2E-03	1.0E-03	5.7E-06	1.6E-01	5.5E-01	4.9E-07	3.6E+00
73	0.54	5.4E-07	8.4E-01	7.2E-03	1.0E-03	6.3E-06	1.6E-01	5.5E-01	5.4E-07	3.9E+00
74	0.62	6.2E-07	9.5E-01	7.2E-03	1.0E-03	7.2E-06	1.6E-01	5.5E-01	6.2E-07	3.7E+00
75	0.70	7.0E-07	1.1E+00	7.2E-03	1.0E-03	8.1E-06	1.6E-01	5.5E-01	6.9E-07	3.2E+00
76	0.76	7.6E-07	1.2E+00	7.2E-03	1.0E-03	8.8E-06	1.6E-01	5.5E-01	7.6E-07	2.6E+00
77	0.80	8.0E-07	1.2E+00	7.2E-03	1.0E-03	9.2E-06	1.6E-01	5.5E-01	7.9E-07	2.1E+00
78	0.80	8.0E-07	1.2E+00	7.2E-03	1.0E-03	9.2E-06	1.6E-01	5.5E-01	7.9E-07	1.7E+00
79	0.76	7.6E-07	1.2E+00	7.2E-03	1.0E-03	8.9E-06	1.6E-01	5.5E-01	7.6E-07	1.4E+00
80	0.71	7.1E-07	1.1E+00	7.2E-03	1.0E-03	8.2E-06	1.6E-01	5.5E-01	7.1E-07	1.1E+00
81	0.20	2.0E-07	3.1E-01	7.2E-03	1.0E-03	2.4E-06	1.6E-01	5.5E-01	2.0E-07	6.8E-01
82	0.24	2.4E-07	3.7E-01	7.2E-03	1.0E-03	2.8E-06	1.6E-01	5.5E-01	2.4E-07	9.3E-01
83	0.29	2.9E-07	4.5E-01	7.2E-03	1.0E-03	3.3E-06	1.6E-01	5.5E-01	2.9E-07	1.3E+00
84	0.35	3.5E-07	5.4E-01	7.2E-03	1.0E-03	4.0E-06	1.6E-01	5.5E-01	3.5E-07	2.0E+00
85	0.42	4.2E-07	6.5E-01	7.2E-03	1.0E-03	4.8E-06	1.6E-01	5.5E-01	4.2E-07	3.1E+00
86	0.50	5.0E-07	7.7E-01	7.2E-03	1.0E-03	5.8E-06	1.6E-01	5.5E-01	5.0E-07	4.8E+00
87	0.60	6.0E-07	9.1E-01	7.2E-03	1.0E-03	6.8E-06	1.6E-01	5.5E-01	5.9E-07	6.6E+00
88	0.69	6.9E-07	1.1E+00	7.2E-03	1.0E-03	7.9E-06	1.6E-01	5.5E-01	6.8E-07	7.9E+00
89	0.78	7.8E-07	1.2E+00	7.2E-03	1.0E-03	9.0E-06	1.6E-01	5.5E-01	7.8E-07	7.2E+00
90	0.93	9.3E-07	1.4E+00	7.2E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-01	9.2E-07	5.6E+00
91	1.04	1.0E-06	1.6E+00	7.2E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.0E-06	4.2E+00
92	1.12	1.1E-06	1.7E+00	7.2E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-01	1.1E-06	3.1E+00

93	1.13	1.1E-06	1.7E+00	7.2E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-01	1.1E-06	2.3E+00
94	1.07	1.1E-06	1.7E+00	7.2E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.1E-06	1.8E+00
95	0.97	9.7E-07	1.5E+00	7.2E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-01	9.7E-07	1.4E+00
96	0.86	8.6E-07	1.3E+00	7.2E-03	1.0E-03	1.0E-05	1.6E-01	5.5E-01	8.6E-07	1.1E+00
97	0.23	2.3E-07	3.5E-01	7.2E-03	1.0E-03	2.6E-06	1.6E-01	5.5E-01	2.3E-07	7.5E-01
98	0.27	2.7E-07	4.2E-01	7.2E-03	1.0E-03	3.2E-06	1.6E-01	5.5E-01	2.7E-07	1.1E+00
99	0.34	3.4E-07	5.2E-01	7.2E-03	1.0E-03	3.9E-06	1.6E-01	5.5E-01	3.4E-07	1.6E+00
100	0.42	4.2E-07	6.5E-01	7.2E-03	1.0E-03	4.9E-06	1.6E-01	5.5E-01	4.2E-07	2.7E+00
101	0.53	5.3E-07	8.2E-01	7.2E-03	1.0E-03	6.1E-06	1.6E-01	5.5E-01	5.3E-07	5.2E+00
102	0.68	6.8E-07	1.0E+00	7.2E-03	1.0E-03	7.8E-06	1.6E-01	5.5E-01	6.7E-07	1.2E+01
103	0.87	8.7E-07	1.3E+00	7.2E-03	1.0E-03	9.7E-06	1.6E-01	5.5E-01	8.3E-07	2.3E+01
104	1.06	1.1E-06	1.6E+00	7.2E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.0E-06	2.0E+01
105	1.23	1.2E-06	1.9E+00	7.2E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-01	1.2E-06	1.2E+01
106	1.49	1.5E-06	2.3E+00	7.2E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-01	1.5E-06	7.4E+00
107	1.67	1.7E-06	2.6E+00	7.2E-03	1.0E-03	1.9E-05	1.6E-01	5.5E-01	1.7E-06	4.7E+00
108	1.72	1.7E-06	2.7E+00	7.2E-03	1.0E-03	2.0E-05	1.6E-01	5.5E-01	1.7E-06	3.2E+00
109	1.61	1.6E-06	2.5E+00	7.2E-03	1.0E-03	1.9E-05	1.6E-01	5.5E-01	1.6E-06	2.3E+00
110	1.42	1.4E-06	2.2E+00	7.2E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-01	1.4E-06	1.7E+00
111	1.20	1.2E-06	1.9E+00	7.2E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-01	1.2E-06	1.3E+00
112	1.01	1.0E-06	1.6E+00	7.2E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.0E-06	1.0E+00
113	0.25	2.5E-07	3.8E-01	7.2E-03	1.0E-03	2.9E-06	1.6E-01	5.5E-01	2.5E-07	7.9E-01
114	0.31	3.1E-07	4.7E-01	7.2E-03	1.0E-03	3.6E-06	1.6E-01	5.5E-01	3.1E-07	1.1E+00
115	0.39	3.9E-07	6.0E-01	7.2E-03	1.0E-03	4.5E-06	1.6E-01	5.5E-01	3.9E-07	1.8E+00
116	0.51	5.1E-07	7.8E-01	7.2E-03	1.0E-03	5.9E-06	1.6E-01	5.5E-01	5.1E-07	3.3E+00
117	0.68	6.8E-07	1.0E+00	7.2E-03	1.0E-03	7.9E-06	1.6E-01	5.5E-01	6.8E-07	7.6E+00
118	2.74	2.7E-06	4.2E+00	7.2E-03	1.0E-03	3.2E-05	1.6E-01	5.5E-01	2.7E-06	7.7E+00
119	2.93	2.9E-06	4.5E+00	7.2E-03	1.0E-03	3.4E-05	1.6E-01	5.5E-01	2.9E-06	4.5E+00
120	2.70	2.7E-06	4.2E+00	7.2E-03	1.0E-03	3.1E-05	1.6E-01	5.5E-01	2.7E-06	3.0E+00
121	2.24	2.2E-06	3.5E+00	7.2E-03	1.0E-03	2.6E-05	1.6E-01	5.5E-01	2.2E-06	2.1E+00
122	1.78	1.8E-06	2.8E+00	7.2E-03	1.0E-03	2.1E-05	1.6E-01	5.5E-01	1.8E-06	1.5E+00
123	1.40	1.4E-06	2.2E+00	7.2E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-01	1.4E-06	1.1E+00
124	1.11	1.1E-06	1.7E+00	7.2E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-01	1.1E-06	9.0E-01
125	0.26	2.6E-07	4.1E-01	7.2E-03	1.0E-03	3.1E-06	1.6E-01	5.5E-01	2.6E-07	7.8E-01
126	0.34	3.4E-07	5.2E-01	7.2E-03	1.0E-03	3.9E-06	1.6E-01	5.5E-01	3.3E-07	1.1E+00
127	0.44	4.4E-07	6.8E-01	7.2E-03	1.0E-03	5.1E-06	1.6E-01	5.5E-01	4.4E-07	1.8E+00
128	0.60	6.0E-07	9.2E-01	7.2E-03	1.0E-03	6.9E-06	1.6E-01	5.5E-01	5.9E-07	3.3E+00
129	0.84	8.4E-07	1.3E+00	7.2E-03	1.0E-03	9.8E-06	1.6E-01	5.5E-01	8.4E-07	7.4E+00
130	6.06	6.1E-06	9.4E+00	7.2E-03	1.0E-03	7.0E-05	1.6E-01	5.5E-01	6.1E-06	6.3E+00
131	5.39	5.4E-06	8.3E+00	7.2E-03	1.0E-03	6.3E-05	1.6E-01	5.5E-01	5.4E-06	3.7E+00
132	3.98	4.0E-06	6.1E+00	7.2E-03	1.0E-03	4.6E-05	1.6E-01	5.5E-01	4.0E-06	2.4E+00
133	2.86	2.9E-06	4.4E+00	7.2E-03	1.0E-03	3.3E-05	1.6E-01	5.5E-01	2.9E-06	1.7E+00
134	2.04	2.0E-06	3.1E+00	7.2E-03	1.0E-03	2.4E-05	1.6E-01	5.5E-01	2.0E-06	1.3E+00
135	1.50	1.5E-06	2.3E+00	7.2E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-01	1.5E-06	9.9E-01
136	1.13	1.1E-06	1.7E+00	7.2E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-01	1.1E-06	7.8E-01
137	0.28	2.8E-07	4.3E-01	7.2E-03	1.0E-03	3.2E-06	1.6E-01	5.5E-01	2.8E-07	7.4E-01
138	0.36	3.6E-07	5.5E-01	7.2E-03	1.0E-03	4.1E-06	1.6E-01	5.5E-01	3.6E-07	1.0E+00
139	0.47	4.7E-07	7.3E-01	7.2E-03	1.0E-03	5.5E-06	1.6E-01	5.5E-01	4.7E-07	1.6E+00
140	0.67	6.7E-07	1.0E+00	7.2E-03	1.0E-03	7.7E-06	1.6E-01	5.5E-01	6.7E-07	2.7E+00
141	1.00	1.0E-06	1.5E+00	7.2E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-01	9.9E-07	5.0E+00

142	15.05	1.5E-05	2.3E+01	7.2E-03	1.0E-03	1.7E-04	1.6E-01	5.5E-01	1.5E-05	4.5E+00
143	8.68	8.7E-06	1.3E+01	7.2E-03	1.0E-03	1.0E-04	1.6E-01	5.5E-01	8.7E-06	2.9E+00
144	4.95	5.0E-06	7.7E+00	7.2E-03	1.0E-03	5.8E-05	1.6E-01	5.5E-01	5.0E-06	2.0E+00
145	3.13	3.1E-06	4.8E+00	7.2E-03	1.0E-03	3.6E-05	1.6E-01	5.5E-01	3.1E-06	1.5E+00
146	2.05	2.1E-06	3.2E+00	7.2E-03	1.0E-03	2.4E-05	1.6E-01	5.5E-01	2.0E-06	1.1E+00
147	1.44	1.4E-06	2.2E+00	7.2E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-01	1.4E-06	8.6E-01
148	1.05	1.1E-06	1.6E+00	7.2E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.1E-06	6.9E-01
149	0.28	2.8E-07	4.4E-01	7.2E-03	1.0E-03	3.3E-06	1.6E-01	5.5E-01	2.8E-07	6.7E-01
150	0.36	3.6E-07	5.6E-01	7.2E-03	1.0E-03	4.2E-06	1.6E-01	5.5E-01	3.6E-07	9.0E-01
151	0.49	4.9E-07	7.6E-01	7.2E-03	1.0E-03	5.7E-06	1.6E-01	5.5E-01	4.9E-07	1.3E+00
152	0.70	7.0E-07	1.1E+00	7.2E-03	1.0E-03	8.1E-06	1.6E-01	5.5E-01	7.0E-07	2.0E+00
153	1.08	1.1E-06	1.7E+00	7.2E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.1E-06	3.1E+00
154	36.17	3.6E-05	5.6E+01	7.2E-03	1.0E-03	4.2E-04	1.6E-01	5.5E-01	3.6E-05	3.3E+00
155	9.85	9.8E-06	1.5E+01	7.2E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-01	9.8E-06	2.3E+00
156	4.55	4.5E-06	7.0E+00	7.2E-03	1.0E-03	5.3E-05	1.6E-01	5.5E-01	4.5E-06	1.6E+00
157	2.81	2.8E-06	4.3E+00	7.2E-03	1.0E-03	3.3E-05	1.6E-01	5.5E-01	2.8E-06	1.2E+00
158	1.81	1.8E-06	2.8E+00	7.2E-03	1.0E-03	2.1E-05	1.6E-01	5.5E-01	1.8E-06	9.6E-01
159	1.26	1.3E-06	1.9E+00	7.2E-03	1.0E-03	1.5E-05	1.6E-01	5.5E-01	1.3E-06	7.6E-01
160	0.92	9.2E-07	1.4E+00	7.2E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-01	9.2E-07	6.1E-01
161	0.25	2.5E-07	3.9E-01	7.2E-03	1.0E-03	2.9E-06	1.6E-01	5.5E-01	2.5E-07	5.9E-01
162	0.33	3.3E-07	5.1E-01	7.2E-03	1.0E-03	3.8E-06	1.6E-01	5.5E-01	3.3E-07	7.6E-01
163	0.45	4.5E-07	6.9E-01	7.2E-03	1.0E-03	5.2E-06	1.6E-01	5.5E-01	4.5E-07	1.0E+00
164	0.67	6.7E-07	1.0E+00	7.2E-03	1.0E-03	7.7E-06	1.6E-01	5.5E-01	6.6E-07	1.4E+00
165	1.04	1.0E-06	1.6E+00	7.2E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.0E-06	2.1E+00
166	1.83	1.8E-06	2.8E+00	7.2E-03	1.0E-03	2.1E-05	1.6E-01	5.5E-01	1.8E-06	2.9E+00
167	4.10	4.1E-06	6.3E+00	7.2E-03	1.0E-03	4.8E-05	1.6E-01	5.5E-01	4.1E-06	3.6E+00
168	14.14	1.4E-05	2.2E+01	7.2E-03	1.0E-03	1.6E-04	1.6E-01	5.5E-01	1.4E-05	3.6E+00
169	29.16	2.9E-05	4.5E+01	7.2E-03	1.0E-03	3.4E-04	1.6E-01	5.5E-01	2.9E-05	3.1E+00
170	16.21	1.6E-05	2.5E+01	7.2E-03	1.0E-03	1.9E-04	1.6E-01	5.5E-01	1.6E-05	2.5E+00
171	6.91	6.9E-06	1.1E+01	7.2E-03	1.0E-03	8.0E-05	1.6E-01	5.5E-01	6.9E-06	1.9E+00
172	3.29	3.3E-06	5.1E+00	7.2E-03	1.0E-03	3.8E-05	1.6E-01	5.5E-01	3.3E-06	1.3E+00
173	2.06	2.1E-06	3.2E+00	7.2E-03	1.0E-03	2.4E-05	1.6E-01	5.5E-01	2.1E-06	1.0E+00
174	1.48	1.5E-06	2.3E+00	7.2E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-01	1.5E-06	8.5E-01
175	1.04	1.0E-06	1.6E+00	7.2E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.0E-06	6.8E-01
176	0.78	7.8E-07	1.2E+00	7.2E-03	1.0E-03	9.0E-06	1.6E-01	5.5E-01	7.8E-07	5.6E-01
177	0.24	2.4E-07	3.7E-01	7.2E-03	1.0E-03	2.8E-06	1.6E-01	5.5E-01	2.4E-07	5.1E-01
178	0.31	3.1E-07	4.7E-01	7.2E-03	1.0E-03	3.6E-06	1.6E-01	5.5E-01	3.1E-07	6.4E-01
179	0.40	4.0E-07	6.1E-01	7.2E-03	1.0E-03	4.6E-06	1.6E-01	5.5E-01	4.0E-07	8.2E-01
180	0.61	6.1E-07	9.5E-01	7.2E-03	1.0E-03	7.1E-06	1.6E-01	5.5E-01	6.1E-07	1.1E+00
181	0.91	9.1E-07	1.4E+00	7.2E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-01	9.1E-07	1.5E+00
182	1.45	1.4E-06	2.2E+00	7.2E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-01	1.4E-06	1.9E+00
183	2.65	2.7E-06	4.1E+00	7.2E-03	1.0E-03	3.1E-05	1.6E-01	5.5E-01	2.7E-06	2.2E+00
184	5.08	5.1E-06	7.8E+00	7.2E-03	1.0E-03	5.9E-05	1.6E-01	5.5E-01	5.1E-06	2.3E+00
185	7.51	7.5E-06	1.2E+01	7.2E-03	1.0E-03	8.7E-05	1.6E-01	5.5E-01	7.5E-06	2.2E+00
186	6.44	6.4E-06	1.0E+01	7.2E-03	1.0E-03	7.5E-05	1.6E-01	5.5E-01	6.4E-06	1.8E+00
187	4.16	4.2E-06	6.4E+00	7.2E-03	1.0E-03	4.8E-05	1.6E-01	5.5E-01	4.2E-06	1.5E+00
188	2.58	2.6E-06	4.0E+00	7.2E-03	1.0E-03	3.0E-05	1.6E-01	5.5E-01	2.6E-06	1.2E+00
189	1.57	1.6E-06	2.4E+00	7.2E-03	1.0E-03	1.8E-05	1.6E-01	5.5E-01	1.6E-06	9.0E-01
190	1.18	1.2E-06	1.8E+00	7.2E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-01	1.2E-06	7.6E-01

191	0.88	8.8E-07	1.4E+00	7.2E-03	1.0E-03	1.0E-05	1.6E-01	5.5E-01	8.8E-07	6.3E-01
192	0.67	6.7E-07	1.0E+00	7.2E-03	1.0E-03	7.7E-06	1.6E-01	5.5E-01	6.7E-07	5.2E-01
193	0.24	2.4E-07	3.7E-01	7.2E-03	1.0E-03	2.8E-06	1.6E-01	5.5E-01	2.4E-07	4.4E-01
194	0.30	3.0E-07	4.7E-01	7.2E-03	1.0E-03	3.5E-06	1.6E-01	5.5E-01	3.0E-07	5.4E-01
195	0.40	4.0E-07	6.2E-01	7.2E-03	1.0E-03	4.7E-06	1.6E-01	5.5E-01	4.0E-07	6.7E-01
196	0.54	5.4E-07	8.3E-01	7.2E-03	1.0E-03	6.2E-06	1.6E-01	5.5E-01	5.3E-07	8.6E-01
197	0.74	7.4E-07	1.1E+00	7.2E-03	1.0E-03	8.6E-06	1.6E-01	5.5E-01	7.4E-07	1.1E+00
198	1.10	1.1E-06	1.7E+00	7.2E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-01	1.1E-06	1.3E+00
199	1.72	1.7E-06	2.7E+00	7.2E-03	1.0E-03	2.0E-05	1.6E-01	5.5E-01	1.7E-06	1.5E+00
200	2.60	2.6E-06	4.0E+00	7.2E-03	1.0E-03	3.0E-05	1.6E-01	5.5E-01	2.6E-06	1.6E+00
201	3.36	3.4E-06	5.2E+00	7.2E-03	1.0E-03	3.9E-05	1.6E-01	5.5E-01	3.4E-06	1.5E+00
202	3.23	3.2E-06	5.0E+00	7.2E-03	1.0E-03	3.8E-05	1.6E-01	5.5E-01	3.2E-06	1.4E+00
203	2.42	2.4E-06	3.7E+00	7.2E-03	1.0E-03	2.8E-05	1.6E-01	5.5E-01	2.4E-06	1.1E+00
204	1.79	1.8E-06	2.8E+00	7.2E-03	1.0E-03	2.1E-05	1.6E-01	5.5E-01	1.8E-06	9.7E-01
205	1.29	1.3E-06	2.0E+00	7.2E-03	1.0E-03	1.5E-05	1.6E-01	5.5E-01	1.3E-06	8.0E-01
206	0.92	9.2E-07	1.4E+00	7.2E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-01	9.2E-07	6.5E-01
207	0.75	7.5E-07	1.2E+00	7.2E-03	1.0E-03	8.7E-06	1.6E-01	5.5E-01	7.5E-07	5.7E-01
208	0.59	5.9E-07	9.1E-01	7.2E-03	1.0E-03	6.8E-06	1.6E-01	5.5E-01	5.9E-07	4.8E-01
209	0.23	2.3E-07	3.6E-01	7.2E-03	1.0E-03	2.7E-06	1.6E-01	5.5E-01	2.3E-07	3.8E-01
210	0.28	2.8E-07	4.4E-01	7.2E-03	1.0E-03	3.3E-06	1.6E-01	5.5E-01	2.8E-07	4.6E-01
211	0.35	3.5E-07	5.5E-01	7.2E-03	1.0E-03	4.1E-06	1.6E-01	5.5E-01	3.5E-07	5.6E-01
212	0.45	4.5E-07	7.0E-01	7.2E-03	1.0E-03	5.3E-06	1.6E-01	5.5E-01	4.5E-07	6.8E-01
213	0.60	6.0E-07	9.3E-01	7.2E-03	1.0E-03	7.0E-06	1.6E-01	5.5E-01	6.0E-07	8.3E-01
214	0.84	8.4E-07	1.3E+00	7.2E-03	1.0E-03	9.7E-06	1.6E-01	5.5E-01	8.4E-07	9.7E-01
215	1.19	1.2E-06	1.8E+00	7.2E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-01	1.2E-06	1.1E+00
216	1.58	1.6E-06	2.4E+00	7.2E-03	1.0E-03	1.8E-05	1.6E-01	5.5E-01	1.6E-06	1.1E+00
217	1.89	1.9E-06	2.9E+00	7.2E-03	1.0E-03	2.2E-05	1.6E-01	5.5E-01	1.9E-06	1.1E+00
218	1.92	1.9E-06	3.0E+00	7.2E-03	1.0E-03	2.2E-05	1.6E-01	5.5E-01	1.9E-06	1.1E+00
219	1.73	1.7E-06	2.7E+00	7.2E-03	1.0E-03	2.0E-05	1.6E-01	5.5E-01	1.7E-06	9.6E-01
220	1.42	1.4E-06	2.2E+00	7.2E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-01	1.4E-06	8.4E-01
221	1.10	1.1E-06	1.7E+00	7.2E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-01	1.1E-06	7.2E-01
222	0.78	7.8E-07	1.2E+00	7.2E-03	1.0E-03	9.0E-06	1.6E-01	5.5E-01	7.8E-07	5.8E-01
223	0.61	6.1E-07	9.4E-01	7.2E-03	1.0E-03	7.0E-06	1.6E-01	5.5E-01	6.1E-07	4.9E-01
224	0.53	5.3E-07	8.1E-01	7.2E-03	1.0E-03	6.1E-06	1.6E-01	5.5E-01	5.2E-07	4.4E-01
225	0.21	2.1E-07	3.3E-01	7.2E-03	1.0E-03	2.5E-06	1.6E-01	5.5E-01	2.1E-07	3.4E-01
226	0.25	2.5E-07	3.9E-01	7.2E-03	1.0E-03	2.9E-06	1.6E-01	5.5E-01	2.5E-07	4.0E-01
227	0.31	3.1E-07	4.8E-01	7.2E-03	1.0E-03	3.6E-06	1.6E-01	5.5E-01	3.1E-07	4.7E-01
228	0.39	3.9E-07	5.9E-01	7.2E-03	1.0E-03	4.5E-06	1.6E-01	5.5E-01	3.8E-07	5.6E-01
229	0.49	4.9E-07	7.6E-01	7.2E-03	1.0E-03	5.7E-06	1.6E-01	5.5E-01	4.9E-07	6.5E-01
230	0.65	6.5E-07	1.0E+00	7.2E-03	1.0E-03	7.5E-06	1.6E-01	5.5E-01	6.5E-07	7.5E-01
231	0.85	8.5E-07	1.3E+00	7.2E-03	1.0E-03	9.8E-06	1.6E-01	5.5E-01	8.5E-07	8.3E-01
232	1.06	1.1E-06	1.6E+00	7.2E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.1E-06	8.7E-01
233	1.23	1.2E-06	1.9E+00	7.2E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-01	1.2E-06	8.7E-01
234	1.28	1.3E-06	2.0E+00	7.2E-03	1.0E-03	1.5E-05	1.6E-01	5.5E-01	1.3E-06	8.4E-01
235	1.22	1.2E-06	1.9E+00	7.2E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-01	1.2E-06	7.8E-01
236	1.06	1.1E-06	1.6E+00	7.2E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.1E-06	7.1E-01
237	0.88	8.8E-07	1.4E+00	7.2E-03	1.0E-03	1.0E-05	1.6E-01	5.5E-01	8.8E-07	6.2E-01
238	0.72	7.2E-07	1.1E+00	7.2E-03	1.0E-03	8.3E-06	1.6E-01	5.5E-01	7.1E-07	5.4E-01
239	0.53	5.3E-07	8.2E-01	7.2E-03	1.0E-03	6.2E-06	1.6E-01	5.5E-01	5.3E-07	4.4E-01

240	0.43	4.3E-07	6.7E-01	7.2E-03	1.0E-03	5.0E-06	1.6E-01	5.5E-01	4.3E-07	3.8E-01
241	0.19	1.9E-07	2.9E-01	7.2E-03	1.0E-03	2.2E-06	1.6E-01	5.5E-01	1.9E-07	2.9E-01
242	0.22	2.2E-07	3.5E-01	7.2E-03	1.0E-03	2.6E-06	1.6E-01	5.5E-01	2.2E-07	3.4E-01
243	0.27	2.7E-07	4.1E-01	7.2E-03	1.0E-03	3.1E-06	1.6E-01	5.5E-01	2.7E-07	4.0E-01
244	0.32	3.2E-07	5.0E-01	7.2E-03	1.0E-03	3.8E-06	1.6E-01	5.5E-01	3.2E-07	4.6E-01
245	0.40	4.0E-07	6.2E-01	7.2E-03	1.0E-03	4.7E-06	1.6E-01	5.5E-01	4.0E-07	5.3E-01
246	0.50	5.0E-07	7.8E-01	7.2E-03	1.0E-03	5.8E-06	1.6E-01	5.5E-01	5.0E-07	6.0E-01
247	0.63	6.3E-07	9.8E-01	7.2E-03	1.0E-03	7.3E-06	1.6E-01	5.5E-01	6.3E-07	6.5E-01
248	0.76	7.6E-07	1.2E+00	7.2E-03	1.0E-03	8.8E-06	1.6E-01	5.5E-01	7.6E-07	6.8E-01
249	0.86	8.6E-07	1.3E+00	7.2E-03	1.0E-03	1.0E-05	1.6E-01	5.5E-01	8.6E-07	6.9E-01
250	0.90	9.0E-07	1.4E+00	7.2E-03	1.0E-03	1.0E-05	1.6E-01	5.5E-01	9.0E-07	6.7E-01
251	0.88	8.8E-07	1.4E+00	7.2E-03	1.0E-03	1.0E-05	1.6E-01	5.5E-01	8.8E-07	6.4E-01
252	0.81	8.1E-07	1.3E+00	7.2E-03	1.0E-03	9.4E-06	1.6E-01	5.5E-01	8.1E-07	5.9E-01
253	0.71	7.1E-07	1.1E+00	7.2E-03	1.0E-03	8.2E-06	1.6E-01	5.5E-01	7.1E-07	5.4E-01
254	0.60	6.0E-07	9.3E-01	7.2E-03	1.0E-03	7.0E-06	1.6E-01	5.5E-01	6.0E-07	4.8E-01
255	0.50	5.0E-07	7.7E-01	7.2E-03	1.0E-03	5.8E-06	1.6E-01	5.5E-01	5.0E-07	4.2E-01
256	0.39	3.9E-07	6.0E-01	7.2E-03	1.0E-03	4.5E-06	1.6E-01	5.5E-01	3.9E-07	3.5E-01
257	0.17	1.7E-07	2.6E-01	7.2E-03	1.0E-03	2.0E-06	1.6E-01	5.5E-01	1.7E-07	2.6E-01
258	0.20	2.0E-07	3.1E-01	7.2E-03	1.0E-03	2.3E-06	1.6E-01	5.5E-01	2.0E-07	3.0E-01
259	0.23	2.3E-07	3.6E-01	7.2E-03	1.0E-03	2.7E-06	1.6E-01	5.5E-01	2.3E-07	3.4E-01
260	0.28	2.8E-07	4.3E-01	7.2E-03	1.0E-03	3.2E-06	1.6E-01	5.5E-01	2.8E-07	3.9E-01
261	0.34	3.4E-07	5.2E-01	7.2E-03	1.0E-03	3.9E-06	1.6E-01	5.5E-01	3.4E-07	4.4E-01
262	0.41	4.1E-07	6.3E-01	7.2E-03	1.0E-03	4.7E-06	1.6E-01	5.5E-01	4.1E-07	4.9E-01
263	0.49	4.9E-07	7.6E-01	7.2E-03	1.0E-03	5.7E-06	1.6E-01	5.5E-01	4.9E-07	5.3E-01
264	0.57	5.7E-07	8.9E-01	7.2E-03	1.0E-03	6.7E-06	1.6E-01	5.5E-01	5.7E-07	5.5E-01
265	0.64	6.4E-07	9.8E-01	7.2E-03	1.0E-03	7.4E-06	1.6E-01	5.5E-01	6.4E-07	5.6E-01
266	0.67	6.7E-07	1.0E+00	7.2E-03	1.0E-03	7.8E-06	1.6E-01	5.5E-01	6.7E-07	5.5E-01
267	0.67	6.7E-07	1.0E+00	7.2E-03	1.0E-03	7.7E-06	1.6E-01	5.5E-01	6.7E-07	5.3E-01
268	0.63	6.3E-07	9.7E-01	7.2E-03	1.0E-03	7.3E-06	1.6E-01	5.5E-01	6.3E-07	5.0E-01
269	0.57	5.7E-07	8.8E-01	7.2E-03	1.0E-03	6.6E-06	1.6E-01	5.5E-01	5.7E-07	4.6E-01
270	0.51	5.1E-07	7.8E-01	7.2E-03	1.0E-03	5.9E-06	1.6E-01	5.5E-01	5.0E-07	4.2E-01
271	0.43	4.3E-07	6.7E-01	7.2E-03	1.0E-03	5.0E-06	1.6E-01	5.5E-01	4.3E-07	3.8E-01
272	0.35	3.5E-07	5.4E-01	7.2E-03	1.0E-03	4.0E-06	1.6E-01	5.5E-01	3.5E-07	3.2E-01
273	0.68	6.8E-07	1.0E+00	7.2E-03	1.0E-03	7.8E-06	1.6E-01	5.5E-01	6.7E-07	1.2E+01
274	0.71	7.1E-07	1.1E+00	7.2E-03	1.0E-03	8.1E-06	1.6E-01	5.5E-01	7.0E-07	1.4E+01
275	0.74	7.4E-07	1.1E+00	7.2E-03	1.0E-03	8.4E-06	1.6E-01	5.5E-01	7.3E-07	1.6E+01
276	0.78	7.8E-07	1.2E+00	7.2E-03	1.0E-03	8.8E-06	1.6E-01	5.5E-01	7.6E-07	1.9E+01
277	0.83	8.3E-07	1.2E+00	7.2E-03	1.0E-03	9.2E-06	1.6E-01	5.5E-01	8.0E-07	2.1E+01
278	0.87	8.7E-07	1.3E+00	7.2E-03	1.0E-03	9.7E-06	1.6E-01	5.5E-01	8.3E-07	2.3E+01
279	0.91	9.1E-07	1.3E+00	7.2E-03	1.0E-03	1.0E-05	1.6E-01	5.5E-01	8.6E-07	2.5E+01
280	0.94	9.4E-07	1.4E+00	7.2E-03	1.0E-03	1.0E-05	1.6E-01	5.5E-01	9.0E-07	2.4E+01
281	0.98	9.8E-07	1.4E+00	7.2E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-01	9.3E-07	2.3E+01
282	1.02	1.0E-06	1.5E+00	7.2E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-01	9.7E-07	2.2E+01
283	1.06	1.1E-06	1.6E+00	7.2E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.0E-06	2.0E+01
284	1.08	1.1E-06	1.6E+00	7.2E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.0E-06	1.8E+01
285	1.11	1.1E-06	1.7E+00	7.2E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-01	1.1E-06	1.7E+01
286	1.15	1.2E-06	1.7E+00	7.2E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-01	1.1E-06	1.5E+01
287	1.20	1.2E-06	1.8E+00	7.2E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-01	1.2E-06	1.3E+01
288	1.23	1.2E-06	1.9E+00	7.2E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-01	1.2E-06	1.2E+01

289	1.28	1.3E-06	2.0E+00	7.2E-03	1.0E-03	1.5E-05	1.6E-01	5.5E-01	1.3E-06	1.1E+01
290	1.35	1.3E-06	2.1E+00	7.2E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-01	1.3E-06	9.9E+00
291	1.41	1.4E-06	2.2E+00	7.2E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-01	1.4E-06	9.0E+00
292	1.45	1.4E-06	2.2E+00	7.2E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-01	1.4E-06	8.1E+00
293	1.49	1.5E-06	2.3E+00	7.2E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-01	1.5E-06	7.4E+00
294	1.53	1.5E-06	2.4E+00	7.2E-03	1.0E-03	1.8E-05	1.6E-01	5.5E-01	1.5E-06	6.7E+00
295	1.57	1.6E-06	2.4E+00	7.2E-03	1.0E-03	1.8E-05	1.6E-01	5.5E-01	1.6E-06	6.1E+00
296	1.61	1.6E-06	2.5E+00	7.2E-03	1.0E-03	1.9E-05	1.6E-01	5.5E-01	1.6E-06	5.6E+00
297	1.64	1.6E-06	2.5E+00	7.2E-03	1.0E-03	1.9E-05	1.6E-01	5.5E-01	1.6E-06	5.1E+00
298	1.67	1.7E-06	2.6E+00	7.2E-03	1.0E-03	1.9E-05	1.6E-01	5.5E-01	1.7E-06	4.7E+00
299	0.72	7.2E-07	1.1E+00	7.2E-03	1.0E-03	8.3E-06	1.6E-01	5.5E-01	7.1E-07	1.4E+01
300	0.76	7.6E-07	1.1E+00	7.2E-03	1.0E-03	8.6E-06	1.6E-01	5.5E-01	7.4E-07	1.8E+01
301	0.80	8.0E-07	1.2E+00	7.2E-03	1.0E-03	9.0E-06	1.6E-01	5.5E-01	7.8E-07	2.2E+01
302	0.84	8.4E-07	1.3E+00	7.2E-03	1.0E-03	9.4E-06	1.6E-01	5.5E-01	8.1E-07	2.6E+01
303	0.87	8.7E-07	1.3E+00	7.2E-03	1.0E-03	9.9E-06	1.6E-01	5.5E-01	8.6E-07	3.1E+01
304	0.91	9.1E-07	1.4E+00	7.2E-03	1.0E-03	1.0E-05	1.6E-01	5.5E-01	9.0E-07	3.4E+01
305	0.96	9.6E-07	1.4E+00	7.2E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-01	9.3E-07	3.5E+01
306	1.00	1.0E-06	1.5E+00	7.2E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-01	9.7E-07	3.3E+01
307	1.05	1.0E-06	1.6E+00	7.2E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.0E-06	3.0E+01
308	1.08	1.1E-06	1.6E+00	7.2E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.1E-06	2.7E+01
309	1.13	1.1E-06	1.7E+00	7.2E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-01	1.1E-06	2.4E+01
310	1.19	1.2E-06	1.8E+00	7.2E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-01	1.1E-06	2.1E+01
311	1.23	1.2E-06	1.8E+00	7.2E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-01	1.2E-06	1.9E+01
312	1.27	1.3E-06	1.9E+00	7.2E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-01	1.2E-06	1.7E+01
313	1.32	1.3E-06	2.0E+00	7.2E-03	1.0E-03	1.5E-05	1.6E-01	5.5E-01	1.3E-06	1.5E+01
314	1.36	1.4E-06	2.1E+00	7.2E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-01	1.3E-06	1.3E+01
315	1.42	1.4E-06	2.2E+00	7.2E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-01	1.4E-06	1.2E+01
316	1.49	1.5E-06	2.3E+00	7.2E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-01	1.5E-06	1.0E+01
317	1.57	1.6E-06	2.4E+00	7.2E-03	1.0E-03	1.8E-05	1.6E-01	5.5E-01	1.6E-06	9.4E+00
318	1.62	1.6E-06	2.5E+00	7.2E-03	1.0E-03	1.9E-05	1.6E-01	5.5E-01	1.6E-06	8.4E+00
319	1.66	1.7E-06	2.6E+00	7.2E-03	1.0E-03	1.9E-05	1.6E-01	5.5E-01	1.7E-06	7.6E+00
320	1.71	1.7E-06	2.6E+00	7.2E-03	1.0E-03	2.0E-05	1.6E-01	5.5E-01	1.7E-06	6.9E+00
321	1.75	1.8E-06	2.7E+00	7.2E-03	1.0E-03	2.0E-05	1.6E-01	5.5E-01	1.7E-06	6.2E+00
322	1.80	1.8E-06	2.8E+00	7.2E-03	1.0E-03	2.1E-05	1.6E-01	5.5E-01	1.8E-06	5.7E+00
323	1.83	1.8E-06	2.8E+00	7.2E-03	1.0E-03	2.1E-05	1.6E-01	5.5E-01	1.8E-06	5.2E+00
324	1.86	1.9E-06	2.9E+00	7.2E-03	1.0E-03	2.2E-05	1.6E-01	5.5E-01	1.9E-06	4.8E+00
325	0.77	7.7E-07	1.2E+00	7.2E-03	1.0E-03	8.8E-06	1.6E-01	5.5E-01	7.6E-07	1.8E+01
326	0.81	8.1E-07	1.2E+00	7.2E-03	1.0E-03	9.2E-06	1.6E-01	5.5E-01	7.9E-07	2.3E+01
327	0.86	8.6E-07	1.3E+00	7.2E-03	1.0E-03	9.7E-06	1.6E-01	5.5E-01	8.3E-07	2.9E+01
328	0.91	9.1E-07	1.4E+00	7.2E-03	1.0E-03	1.0E-05	1.6E-01	5.5E-01	8.8E-07	3.8E+01
329	0.94	9.4E-07	1.4E+00	7.2E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-01	9.2E-07	4.8E+01
330	0.99	9.9E-07	1.5E+00	7.2E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-01	9.7E-07	5.4E+01
331	1.04	1.0E-06	1.6E+00	7.2E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.0E-06	5.3E+01
332	1.06	1.1E-06	1.6E+00	7.2E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.1E-06	4.7E+01
333	1.11	1.1E-06	1.7E+00	7.2E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-01	1.1E-06	4.0E+01
334	1.19	1.2E-06	1.8E+00	7.2E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-01	1.2E-06	3.4E+01
335	1.24	1.2E-06	1.9E+00	7.2E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-01	1.2E-06	2.9E+01
336	1.28	1.3E-06	2.0E+00	7.2E-03	1.0E-03	1.5E-05	1.6E-01	5.5E-01	1.3E-06	2.4E+01
337	1.36	1.4E-06	2.0E+00	7.2E-03	1.0E-03	1.5E-05	1.6E-01	5.5E-01	1.3E-06	2.1E+01

338	1.40	1.4E-06	2.1E+00	7.2E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-01	1.4E-06	1.8E+01
339	1.47	1.5E-06	2.2E+00	7.2E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-01	1.4E-06	1.6E+01
340	1.52	1.5E-06	2.3E+00	7.2E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-01	1.5E-06	1.4E+01
341	1.59	1.6E-06	2.4E+00	7.2E-03	1.0E-03	1.8E-05	1.6E-01	5.5E-01	1.6E-06	1.2E+01
342	1.67	1.7E-06	2.6E+00	7.2E-03	1.0E-03	1.9E-05	1.6E-01	5.5E-01	1.7E-06	1.1E+01
343	1.75	1.8E-06	2.7E+00	7.2E-03	1.0E-03	2.0E-05	1.6E-01	5.5E-01	1.7E-06	9.7E+00
344	1.81	1.8E-06	2.8E+00	7.2E-03	1.0E-03	2.1E-05	1.6E-01	5.5E-01	1.8E-06	8.7E+00
345	1.87	1.9E-06	2.9E+00	7.2E-03	1.0E-03	2.2E-05	1.6E-01	5.5E-01	1.9E-06	7.8E+00
346	1.92	1.9E-06	3.0E+00	7.2E-03	1.0E-03	2.2E-05	1.6E-01	5.5E-01	1.9E-06	7.0E+00
347	1.97	2.0E-06	3.0E+00	7.2E-03	1.0E-03	2.3E-05	1.6E-01	5.5E-01	2.0E-06	6.3E+00
348	2.01	2.0E-06	3.1E+00	7.2E-03	1.0E-03	2.3E-05	1.6E-01	5.5E-01	2.0E-06	5.7E+00
349	2.05	2.0E-06	3.2E+00	7.2E-03	1.0E-03	2.4E-05	1.6E-01	5.5E-01	2.0E-06	5.2E+00
350	2.07	2.1E-06	3.2E+00	7.2E-03	1.0E-03	2.4E-05	1.6E-01	5.5E-01	2.1E-06	4.8E+00
351	0.82	8.2E-07	1.2E+00	7.2E-03	1.0E-03	9.4E-06	1.6E-01	5.5E-01	8.1E-07	2.1E+01
352	0.87	8.7E-07	1.3E+00	7.2E-03	1.0E-03	9.9E-06	1.6E-01	5.5E-01	8.5E-07	2.9E+01
353	0.93	9.3E-07	1.4E+00	7.2E-03	1.0E-03	1.0E-05	1.6E-01	5.5E-01	9.0E-07	4.0E+01
354	0.96	9.6E-07	1.5E+00	7.2E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-01	9.5E-07	5.7E+01
355	1.01	1.0E-06	1.5E+00	7.2E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.0E-06	2.2E+01
356	1.07	1.1E-06	1.6E+00	7.2E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.1E-06	2.5E+01
357	1.11	1.1E-06	1.7E+00	7.2E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-01	1.1E-06	2.6E+01
358	1.17	1.2E-06	1.8E+00	7.2E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-01	1.2E-06	6.8E+01
359	1.22	1.2E-06	1.9E+00	7.2E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-01	1.2E-06	5.2E+01
360	1.31	1.3E-06	2.0E+00	7.2E-03	1.0E-03	1.5E-05	1.6E-01	5.5E-01	1.3E-06	4.1E+01
361	1.37	1.4E-06	2.1E+00	7.2E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-01	1.3E-06	3.3E+01
362	1.42	1.4E-06	2.2E+00	7.2E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-01	1.4E-06	2.8E+01
363	1.51	1.5E-06	2.3E+00	7.2E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-01	1.5E-06	2.3E+01
364	1.57	1.6E-06	2.4E+00	7.2E-03	1.0E-03	1.8E-05	1.6E-01	5.5E-01	1.5E-06	2.0E+01
365	1.64	1.6E-06	2.5E+00	7.2E-03	1.0E-03	1.9E-05	1.6E-01	5.5E-01	1.6E-06	1.7E+01
366	1.71	1.7E-06	2.6E+00	7.2E-03	1.0E-03	2.0E-05	1.6E-01	5.5E-01	1.7E-06	1.5E+01
367	1.79	1.8E-06	2.7E+00	7.2E-03	1.0E-03	2.1E-05	1.6E-01	5.5E-01	1.8E-06	1.3E+01
368	1.89	1.9E-06	2.9E+00	7.2E-03	1.0E-03	2.2E-05	1.6E-01	5.5E-01	1.9E-06	1.1E+01
369	1.98	2.0E-06	3.0E+00	7.2E-03	1.0E-03	2.3E-05	1.6E-01	5.5E-01	2.0E-06	9.9E+00
370	2.04	2.0E-06	3.1E+00	7.2E-03	1.0E-03	2.4E-05	1.6E-01	5.5E-01	2.0E-06	8.8E+00
371	2.11	2.1E-06	3.2E+00	7.2E-03	1.0E-03	2.4E-05	1.6E-01	5.5E-01	2.1E-06	7.8E+00
372	2.17	2.2E-06	3.3E+00	7.2E-03	1.0E-03	2.5E-05	1.6E-01	5.5E-01	2.2E-06	7.0E+00
373	2.22	2.2E-06	3.4E+00	7.2E-03	1.0E-03	2.6E-05	1.6E-01	5.5E-01	2.2E-06	6.3E+00
374	2.27	2.3E-06	3.5E+00	7.2E-03	1.0E-03	2.6E-05	1.6E-01	5.5E-01	2.3E-06	5.7E+00
375	2.30	2.3E-06	3.6E+00	7.2E-03	1.0E-03	2.7E-05	1.6E-01	5.5E-01	2.3E-06	5.2E+00
376	2.32	2.3E-06	3.6E+00	7.2E-03	1.0E-03	2.7E-05	1.6E-01	5.5E-01	2.3E-06	4.7E+00
377	0.87	8.7E-07	1.3E+00	7.2E-03	1.0E-03	1.0E-05	1.6E-01	5.5E-01	8.6E-07	2.5E+01
378	0.93	9.3E-07	1.4E+00	7.2E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-01	9.1E-07	3.6E+01
379	0.99	9.9E-07	1.5E+00	7.2E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-01	9.6E-07	5.3E+01
380	1.03	1.0E-06	1.6E+00	7.2E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.0E-06	2.8E+01
381	1.10	1.1E-06	1.7E+00	7.2E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-01	1.1E-06	3.4E+01
382	2.03	2.0E-06	3.1E+00	7.2E-03	1.0E-03	2.3E-05	1.6E-01	5.5E-01	2.0E-06	1.3E+01
383	2.14	2.1E-06	3.3E+00	7.2E-03	1.0E-03	2.5E-05	1.6E-01	5.5E-01	2.1E-06	1.1E+01
384	2.24	2.2E-06	3.5E+00	7.2E-03	1.0E-03	2.6E-05	1.6E-01	5.5E-01	2.2E-06	1.0E+01
385	2.32	2.3E-06	3.6E+00	7.2E-03	1.0E-03	2.7E-05	1.6E-01	5.5E-01	2.3E-06	8.8E+00
386	2.40	2.4E-06	3.7E+00	7.2E-03	1.0E-03	2.8E-05	1.6E-01	5.5E-01	2.4E-06	7.8E+00

387	2.46	2.5E-06	3.8E+00	7.2E-03	1.0E-03	2.9E-05	1.6E-01	5.5E-01	2.5E-06	7.0E+00
388	2.52	2.5E-06	3.9E+00	7.2E-03	1.0E-03	2.9E-05	1.6E-01	5.5E-01	2.5E-06	6.3E+00
389	2.56	2.6E-06	4.0E+00	7.2E-03	1.0E-03	3.0E-05	1.6E-01	5.5E-01	2.6E-06	5.6E+00
390	2.59	2.6E-06	4.0E+00	7.2E-03	1.0E-03	3.0E-05	1.6E-01	5.5E-01	2.6E-06	5.1E+00
391	2.61	2.6E-06	4.0E+00	7.2E-03	1.0E-03	3.0E-05	1.6E-01	5.5E-01	2.6E-06	4.6E+00
392	0.93	9.3E-07	1.4E+00	7.2E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-01	9.2E-07	2.9E+01
393	0.99	9.9E-07	1.5E+00	7.2E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-01	9.8E-07	4.2E+01
394	1.06	1.1E-06	1.6E+00	7.2E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.0E-06	6.4E+01
395	1.11	1.1E-06	1.7E+00	7.2E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-01	1.1E-06	4.2E+01
396	1.19	1.2E-06	1.8E+00	7.2E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-01	1.2E-06	5.7E+01
397	2.31	2.3E-06	3.6E+00	7.2E-03	1.0E-03	2.7E-05	1.6E-01	5.5E-01	2.3E-06	1.3E+01
398	2.45	2.4E-06	3.8E+00	7.2E-03	1.0E-03	2.8E-05	1.6E-01	5.5E-01	2.4E-06	1.1E+01
399	2.57	2.6E-06	4.0E+00	7.2E-03	1.0E-03	3.0E-05	1.6E-01	5.5E-01	2.6E-06	1.0E+01
400	2.66	2.7E-06	4.1E+00	7.2E-03	1.0E-03	3.1E-05	1.6E-01	5.5E-01	2.7E-06	8.8E+00
401	2.74	2.7E-06	4.2E+00	7.2E-03	1.0E-03	3.2E-05	1.6E-01	5.5E-01	2.7E-06	7.7E+00
402	2.81	2.8E-06	4.3E+00	7.2E-03	1.0E-03	3.3E-05	1.6E-01	5.5E-01	2.8E-06	6.9E+00
403	2.87	2.9E-06	4.4E+00	7.2E-03	1.0E-03	3.3E-05	1.6E-01	5.5E-01	2.9E-06	6.1E+00
404	2.91	2.9E-06	4.5E+00	7.2E-03	1.0E-03	3.4E-05	1.6E-01	5.5E-01	2.9E-06	5.5E+00
405	2.93	2.9E-06	4.5E+00	7.2E-03	1.0E-03	3.4E-05	1.6E-01	5.5E-01	2.9E-06	5.0E+00
406	2.93	2.9E-06	4.5E+00	7.2E-03	1.0E-03	3.4E-05	1.6E-01	5.5E-01	2.9E-06	4.5E+00
407	0.99	9.9E-07	1.5E+00	7.2E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-01	9.8E-07	3.1E+01
408	1.05	1.1E-06	1.6E+00	7.2E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.0E-06	4.5E+01
409	1.13	1.1E-06	1.7E+00	7.2E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-01	1.1E-06	7.1E+01
410	1.22	1.2E-06	1.8E+00	7.2E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-01	1.2E-06	1.7E+01
411	1.28	1.3E-06	2.0E+00	7.2E-03	1.0E-03	1.5E-05	1.6E-01	5.5E-01	1.3E-06	2.0E+01
412	2.65	2.7E-06	4.1E+00	7.2E-03	1.0E-03	3.1E-05	1.6E-01	5.5E-01	2.6E-06	1.3E+01
413	2.81	2.8E-06	4.3E+00	7.2E-03	1.0E-03	3.3E-05	1.6E-01	5.5E-01	2.8E-06	1.1E+01
414	2.96	3.0E-06	4.6E+00	7.2E-03	1.0E-03	3.4E-05	1.6E-01	5.5E-01	3.0E-06	9.8E+00
415	3.07	3.1E-06	4.7E+00	7.2E-03	1.0E-03	3.6E-05	1.6E-01	5.5E-01	3.1E-06	8.6E+00
416	3.16	3.2E-06	4.9E+00	7.2E-03	1.0E-03	3.7E-05	1.6E-01	5.5E-01	3.2E-06	7.6E+00
417	3.24	3.2E-06	5.0E+00	7.2E-03	1.0E-03	3.8E-05	1.6E-01	5.5E-01	3.2E-06	6.7E+00
418	3.29	3.3E-06	5.1E+00	7.2E-03	1.0E-03	3.8E-05	1.6E-01	5.5E-01	3.3E-06	6.0E+00
419	3.31	3.3E-06	5.1E+00	7.2E-03	1.0E-03	3.8E-05	1.6E-01	5.5E-01	3.3E-06	5.4E+00
420	3.32	3.3E-06	5.1E+00	7.2E-03	1.0E-03	3.9E-05	1.6E-01	5.5E-01	3.3E-06	4.9E+00
421	3.31	3.3E-06	5.1E+00	7.2E-03	1.0E-03	3.8E-05	1.6E-01	5.5E-01	3.3E-06	4.4E+00
422	1.05	1.1E-06	1.6E+00	7.2E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.0E-06	3.2E+01
423	1.13	1.1E-06	1.7E+00	7.2E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-01	1.1E-06	4.7E+01
424	1.21	1.2E-06	1.8E+00	7.2E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-01	1.2E-06	7.5E+01
425	1.30	1.3E-06	2.0E+00	7.2E-03	1.0E-03	1.5E-05	1.6E-01	5.5E-01	1.3E-06	6.2E+01
426	1.41	1.4E-06	2.1E+00	7.2E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-01	1.4E-06	3.4E+01
427	3.12	3.1E-06	4.8E+00	7.2E-03	1.0E-03	3.6E-05	1.6E-01	5.5E-01	3.1E-06	1.3E+01
428	3.28	3.3E-06	5.1E+00	7.2E-03	1.0E-03	3.8E-05	1.6E-01	5.5E-01	3.3E-06	1.1E+01
429	3.45	3.4E-06	5.3E+00	7.2E-03	1.0E-03	4.0E-05	1.6E-01	5.5E-01	3.4E-06	9.5E+00
430	3.57	3.6E-06	5.5E+00	7.2E-03	1.0E-03	4.1E-05	1.6E-01	5.5E-01	3.6E-06	8.3E+00
431	3.68	3.7E-06	5.7E+00	7.2E-03	1.0E-03	4.3E-05	1.6E-01	5.5E-01	3.7E-06	7.3E+00
432	3.75	3.8E-06	5.8E+00	7.2E-03	1.0E-03	4.4E-05	1.6E-01	5.5E-01	3.7E-06	6.5E+00
433	3.80	3.8E-06	5.9E+00	7.2E-03	1.0E-03	4.4E-05	1.6E-01	5.5E-01	3.8E-06	5.8E+00
434	3.80	3.8E-06	5.9E+00	7.2E-03	1.0E-03	4.4E-05	1.6E-01	5.5E-01	3.8E-06	5.2E+00
435	3.78	3.8E-06	5.8E+00	7.2E-03	1.0E-03	4.4E-05	1.6E-01	5.5E-01	3.8E-06	4.7E+00

436	3.73	3.7E-06	5.8E+00	7.2E-03	1.0E-03	4.3E-05	1.6E-01	5.5E-01	3.7E-06	4.3E+00
437	1.12	1.1E-06	1.7E+00	7.2E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-01	1.1E-06	3.2E+01
438	1.21	1.2E-06	1.8E+00	7.2E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-01	1.2E-06	4.7E+01
439	1.30	1.3E-06	2.0E+00	7.2E-03	1.0E-03	1.5E-05	1.6E-01	5.5E-01	1.3E-06	7.4E+01
440	1.40	1.4E-06	2.1E+00	7.2E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-01	1.4E-06	6.2E+01
441	1.53	1.5E-06	2.3E+00	7.2E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-01	1.5E-06	3.0E+01
442	3.70	3.7E-06	5.7E+00	7.2E-03	1.0E-03	4.3E-05	1.6E-01	5.5E-01	3.7E-06	1.2E+01
443	3.87	3.9E-06	6.0E+00	7.2E-03	1.0E-03	4.5E-05	1.6E-01	5.5E-01	3.9E-06	1.1E+01
444	4.06	4.1E-06	6.3E+00	7.2E-03	1.0E-03	4.7E-05	1.6E-01	5.5E-01	4.1E-06	9.1E+00
445	4.20	4.2E-06	6.5E+00	7.2E-03	1.0E-03	4.9E-05	1.6E-01	5.5E-01	4.2E-06	8.0E+00
446	4.31	4.3E-06	6.7E+00	7.2E-03	1.0E-03	5.0E-05	1.6E-01	5.5E-01	4.3E-06	7.0E+00
447	4.37	4.4E-06	6.8E+00	7.2E-03	1.0E-03	5.1E-05	1.6E-01	5.5E-01	4.4E-06	6.2E+00
448	4.40	4.4E-06	6.8E+00	7.2E-03	1.0E-03	5.1E-05	1.6E-01	5.5E-01	4.4E-06	5.6E+00
449	4.37	4.4E-06	6.8E+00	7.2E-03	1.0E-03	5.1E-05	1.6E-01	5.5E-01	4.4E-06	5.0E+00
450	4.31	4.3E-06	6.7E+00	7.2E-03	1.0E-03	5.0E-05	1.6E-01	5.5E-01	4.3E-06	4.5E+00
451	4.22	4.2E-06	6.5E+00	7.2E-03	1.0E-03	4.9E-05	1.6E-01	5.5E-01	4.2E-06	4.1E+00
452	1.19	1.2E-06	1.8E+00	7.2E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-01	1.2E-06	3.0E+01
453	1.29	1.3E-06	2.0E+00	7.2E-03	1.0E-03	1.5E-05	1.6E-01	5.5E-01	1.3E-06	4.5E+01
454	1.40	1.4E-06	2.2E+00	7.2E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-01	1.4E-06	7.0E+01
455	1.52	1.5E-06	2.3E+00	7.2E-03	1.0E-03	1.8E-05	1.6E-01	5.5E-01	1.5E-06	1.5E+01
456	1.66	1.7E-06	2.5E+00	7.2E-03	1.0E-03	1.9E-05	1.6E-01	5.5E-01	1.6E-06	1.8E+01
457	4.42	4.4E-06	6.8E+00	7.2E-03	1.0E-03	5.1E-05	1.6E-01	5.5E-01	4.4E-06	1.2E+01
458	4.64	4.6E-06	7.2E+00	7.2E-03	1.0E-03	5.4E-05	1.6E-01	5.5E-01	4.6E-06	1.0E+01
459	4.84	4.8E-06	7.5E+00	7.2E-03	1.0E-03	5.6E-05	1.6E-01	5.5E-01	4.8E-06	8.7E+00
460	4.99	5.0E-06	7.7E+00	7.2E-03	1.0E-03	5.8E-05	1.6E-01	5.5E-01	5.0E-06	7.6E+00
461	5.09	5.1E-06	7.9E+00	7.2E-03	1.0E-03	5.9E-05	1.6E-01	5.5E-01	5.1E-06	6.7E+00
462	5.13	5.1E-06	7.9E+00	7.2E-03	1.0E-03	6.0E-05	1.6E-01	5.5E-01	5.1E-06	6.0E+00
463	5.12	5.1E-06	7.9E+00	7.2E-03	1.0E-03	5.9E-05	1.6E-01	5.5E-01	5.1E-06	5.3E+00
464	5.05	5.1E-06	7.8E+00	7.2E-03	1.0E-03	5.9E-05	1.6E-01	5.5E-01	5.1E-06	4.8E+00
465	4.92	4.9E-06	7.6E+00	7.2E-03	1.0E-03	5.7E-05	1.6E-01	5.5E-01	4.9E-06	4.3E+00
466	4.77	4.8E-06	7.4E+00	7.2E-03	1.0E-03	5.5E-05	1.6E-01	5.5E-01	4.8E-06	3.9E+00
467	1.27	1.3E-06	1.9E+00	7.2E-03	1.0E-03	1.5E-05	1.6E-01	5.5E-01	1.3E-06	2.8E+01
468	1.38	1.4E-06	2.1E+00	7.2E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-01	1.4E-06	4.0E+01
469	1.51	1.5E-06	2.3E+00	7.2E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-01	1.5E-06	6.1E+01
470	1.65	1.6E-06	2.5E+00	7.2E-03	1.0E-03	1.9E-05	1.6E-01	5.5E-01	1.6E-06	3.9E+01
471	1.82	1.8E-06	2.8E+00	7.2E-03	1.0E-03	2.1E-05	1.6E-01	5.5E-01	1.8E-06	5.0E+01
472	5.32	5.3E-06	8.2E+00	7.2E-03	1.0E-03	6.2E-05	1.6E-01	5.5E-01	5.3E-06	1.1E+01
473	5.60	5.6E-06	8.6E+00	7.2E-03	1.0E-03	6.5E-05	1.6E-01	5.5E-01	5.6E-06	9.3E+00
474	5.82	5.8E-06	9.0E+00	7.2E-03	1.0E-03	6.8E-05	1.6E-01	5.5E-01	5.8E-06	8.2E+00
475	5.98	6.0E-06	9.2E+00	7.2E-03	1.0E-03	6.9E-05	1.6E-01	5.5E-01	6.0E-06	7.2E+00
476	6.06	6.1E-06	9.4E+00	7.2E-03	1.0E-03	7.0E-05	1.6E-01	5.5E-01	6.1E-06	6.3E+00
477	6.06	6.1E-06	9.4E+00	7.2E-03	1.0E-03	7.0E-05	1.6E-01	5.5E-01	6.1E-06	5.7E+00
478	5.99	6.0E-06	9.3E+00	7.2E-03	1.0E-03	6.9E-05	1.6E-01	5.5E-01	6.0E-06	5.1E+00
479	5.85	5.8E-06	9.0E+00	7.2E-03	1.0E-03	6.8E-05	1.6E-01	5.5E-01	5.8E-06	4.6E+00
480	5.65	5.6E-06	8.7E+00	7.2E-03	1.0E-03	6.6E-05	1.6E-01	5.5E-01	5.6E-06	4.1E+00
481	5.39	5.4E-06	8.3E+00	7.2E-03	1.0E-03	6.3E-05	1.6E-01	5.5E-01	5.4E-06	3.7E+00
482	1.34	1.3E-06	2.1E+00	7.2E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-01	1.3E-06	2.4E+01
483	1.47	1.5E-06	2.3E+00	7.2E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-01	1.5E-06	3.4E+01
484	1.62	1.6E-06	2.5E+00	7.2E-03	1.0E-03	1.9E-05	1.6E-01	5.5E-01	1.6E-06	5.0E+01

485	1.79	1.8E-06	2.8E+00	7.2E-03	1.0E-03	2.1E-05	1.6E-01	5.5E-01	1.8E-06	2.6E+01
486	2.00	2.0E-06	3.1E+00	7.2E-03	1.0E-03	2.3E-05	1.6E-01	5.5E-01	2.0E-06	3.1E+01
487	6.52	6.5E-06	1.0E+01	7.2E-03	1.0E-03	7.6E-05	1.6E-01	5.5E-01	6.5E-06	9.9E+00
488	6.85	6.9E-06	1.1E+01	7.2E-03	1.0E-03	8.0E-05	1.6E-01	5.5E-01	6.8E-06	8.7E+00
489	7.10	7.1E-06	1.1E+01	7.2E-03	1.0E-03	8.2E-05	1.6E-01	5.5E-01	7.1E-06	7.6E+00
490	7.24	7.2E-06	1.1E+01	7.2E-03	1.0E-03	8.4E-05	1.6E-01	5.5E-01	7.2E-06	6.7E+00
491	7.27	7.3E-06	1.1E+01	7.2E-03	1.0E-03	8.4E-05	1.6E-01	5.5E-01	7.3E-06	6.0E+00
492	7.20	7.2E-06	1.1E+01	7.2E-03	1.0E-03	8.4E-05	1.6E-01	5.5E-01	7.2E-06	5.3E+00
493	7.00	7.0E-06	1.1E+01	7.2E-03	1.0E-03	8.1E-05	1.6E-01	5.5E-01	7.0E-06	4.8E+00
494	6.76	6.8E-06	1.0E+01	7.2E-03	1.0E-03	7.8E-05	1.6E-01	5.5E-01	6.8E-06	4.3E+00
495	6.45	6.4E-06	1.0E+01	7.2E-03	1.0E-03	7.5E-05	1.6E-01	5.5E-01	6.4E-06	3.9E+00
496	6.08	6.1E-06	9.4E+00	7.2E-03	1.0E-03	7.1E-05	1.6E-01	5.5E-01	6.1E-06	3.6E+00
497	1.43	1.4E-06	2.2E+00	7.2E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-01	1.4E-06	2.0E+01
498	1.58	1.6E-06	2.4E+00	7.2E-03	1.0E-03	1.8E-05	1.6E-01	5.5E-01	1.6E-06	2.7E+01
499	1.75	1.8E-06	2.7E+00	7.2E-03	1.0E-03	2.0E-05	1.6E-01	5.5E-01	1.7E-06	3.8E+01
500	1.96	2.0E-06	3.0E+00	7.2E-03	1.0E-03	2.3E-05	1.6E-01	5.5E-01	1.9E-06	5.3E+01
501	2.20	2.2E-06	3.4E+00	7.2E-03	1.0E-03	2.5E-05	1.6E-01	5.5E-01	2.2E-06	2.0E+01
502	8.14	8.1E-06	1.3E+01	7.2E-03	1.0E-03	9.4E-05	1.6E-01	5.5E-01	8.1E-06	9.1E+00
503	8.52	8.5E-06	1.3E+01	7.2E-03	1.0E-03	9.9E-05	1.6E-01	5.5E-01	8.5E-06	8.0E+00
504	8.77	8.8E-06	1.4E+01	7.2E-03	1.0E-03	1.0E-04	1.6E-01	5.5E-01	8.8E-06	7.1E+00
505	8.86	8.9E-06	1.4E+01	7.2E-03	1.0E-03	1.0E-04	1.6E-01	5.5E-01	8.9E-06	6.3E+00
506	8.78	8.8E-06	1.4E+01	7.2E-03	1.0E-03	1.0E-04	1.6E-01	5.5E-01	8.8E-06	5.6E+00
507	8.56	8.6E-06	1.3E+01	7.2E-03	1.0E-03	9.9E-05	1.6E-01	5.5E-01	8.6E-06	5.0E+00
508	8.22	8.2E-06	1.3E+01	7.2E-03	1.0E-03	9.5E-05	1.6E-01	5.5E-01	8.2E-06	4.5E+00
509	7.80	7.8E-06	1.2E+01	7.2E-03	1.0E-03	9.1E-05	1.6E-01	5.5E-01	7.8E-06	4.1E+00
510	7.33	7.3E-06	1.1E+01	7.2E-03	1.0E-03	8.5E-05	1.6E-01	5.5E-01	7.3E-06	3.7E+00
511	6.82	6.8E-06	1.1E+01	7.2E-03	1.0E-03	7.9E-05	1.6E-01	5.5E-01	6.8E-06	3.4E+00
512	1.51	1.5E-06	2.3E+00	7.2E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-01	1.5E-06	1.7E+01
513	1.68	1.7E-06	2.6E+00	7.2E-03	1.0E-03	1.9E-05	1.6E-01	5.5E-01	1.7E-06	2.2E+01
514	1.87	1.9E-06	2.9E+00	7.2E-03	1.0E-03	2.2E-05	1.6E-01	5.5E-01	1.9E-06	2.8E+01
515	2.12	2.1E-06	3.3E+00	7.2E-03	1.0E-03	2.5E-05	1.6E-01	5.5E-01	2.1E-06	3.6E+01
516	2.41	2.4E-06	3.7E+00	7.2E-03	1.0E-03	2.8E-05	1.6E-01	5.5E-01	2.4E-06	4.3E+01
517	10.40	1.0E-05	1.6E+01	7.2E-03	1.0E-03	1.2E-04	1.6E-01	5.5E-01	1.0E-05	8.3E+00
518	10.84	1.1E-05	1.7E+01	7.2E-03	1.0E-03	1.3E-04	1.6E-01	5.5E-01	1.1E-05	7.4E+00
519	11.02	1.1E-05	1.7E+01	7.2E-03	1.0E-03	1.3E-04	1.6E-01	5.5E-01	1.1E-05	6.5E+00
520	10.96	1.1E-05	1.7E+01	7.2E-03	1.0E-03	1.3E-04	1.6E-01	5.5E-01	1.1E-05	5.8E+00
521	10.68	1.1E-05	1.7E+01	7.2E-03	1.0E-03	1.2E-04	1.6E-01	5.5E-01	1.1E-05	5.2E+00
522	10.23	1.0E-05	1.6E+01	7.2E-03	1.0E-03	1.2E-04	1.6E-01	5.5E-01	1.0E-05	4.7E+00
523	9.64	9.6E-06	1.5E+01	7.2E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-01	9.6E-06	4.3E+00
524	8.97	9.0E-06	1.4E+01	7.2E-03	1.0E-03	1.0E-04	1.6E-01	5.5E-01	9.0E-06	3.9E+00
525	8.27	8.3E-06	1.3E+01	7.2E-03	1.0E-03	9.6E-05	1.6E-01	5.5E-01	8.3E-06	3.5E+00
526	7.55	7.6E-06	1.2E+01	7.2E-03	1.0E-03	8.8E-05	1.6E-01	5.5E-01	7.5E-06	3.2E+00
527	1.59	1.6E-06	2.5E+00	7.2E-03	1.0E-03	1.8E-05	1.6E-01	5.5E-01	1.6E-06	1.4E+01
528	1.78	1.8E-06	2.8E+00	7.2E-03	1.0E-03	2.1E-05	1.6E-01	5.5E-01	1.8E-06	1.7E+01
529	2.01	2.0E-06	3.1E+00	7.2E-03	1.0E-03	2.3E-05	1.6E-01	5.5E-01	2.0E-06	2.1E+01
530	2.30	2.3E-06	3.5E+00	7.2E-03	1.0E-03	2.7E-05	1.6E-01	5.5E-01	2.3E-06	2.5E+01
531	2.65	2.6E-06	4.1E+00	7.2E-03	1.0E-03	3.1E-05	1.6E-01	5.5E-01	2.6E-06	2.8E+01
532	13.61	1.4E-05	2.1E+01	7.2E-03	1.0E-03	1.6E-04	1.6E-01	5.5E-01	1.4E-05	7.6E+00
533	14.01	1.4E-05	2.2E+01	7.2E-03	1.0E-03	1.6E-04	1.6E-01	5.5E-01	1.4E-05	6.8E+00

534	13.94	1.4E-05	2.2E+01	7.2E-03	1.0E-03	1.6E-04	1.6E-01	5.5E-01	1.4E-05	6.0E+00
535	13.49	1.3E-05	2.1E+01	7.2E-03	1.0E-03	1.6E-04	1.6E-01	5.5E-01	1.3E-05	5.4E+00
536	12.83	1.3E-05	2.0E+01	7.2E-03	1.0E-03	1.5E-04	1.6E-01	5.5E-01	1.3E-05	4.9E+00
537	12.03	1.2E-05	1.9E+01	7.2E-03	1.0E-03	1.4E-04	1.6E-01	5.5E-01	1.2E-05	4.4E+00
538	11.11	1.1E-05	1.7E+01	7.2E-03	1.0E-03	1.3E-04	1.6E-01	5.5E-01	1.1E-05	4.0E+00
539	10.17	1.0E-05	1.6E+01	7.2E-03	1.0E-03	1.2E-04	1.6E-01	5.5E-01	1.0E-05	3.7E+00
540	9.18	9.2E-06	1.4E+01	7.2E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-01	9.2E-06	3.3E+00
541	8.22	8.2E-06	1.3E+01	7.2E-03	1.0E-03	9.5E-05	1.6E-01	5.5E-01	8.2E-06	3.0E+00
542	1.67	1.7E-06	2.6E+00	7.2E-03	1.0E-03	1.9E-05	1.6E-01	5.5E-01	1.7E-06	1.2E+01
543	1.89	1.9E-06	2.9E+00	7.2E-03	1.0E-03	2.2E-05	1.6E-01	5.5E-01	1.9E-06	1.4E+01
544	2.16	2.2E-06	3.3E+00	7.2E-03	1.0E-03	2.5E-05	1.6E-01	5.5E-01	2.2E-06	1.6E+01
545	2.48	2.5E-06	3.8E+00	7.2E-03	1.0E-03	2.9E-05	1.6E-01	5.5E-01	2.5E-06	1.8E+01
546	2.89	2.9E-06	4.5E+00	7.2E-03	1.0E-03	3.4E-05	1.6E-01	5.5E-01	2.9E-06	2.0E+01
547	18.22	1.8E-05	2.8E+01	7.2E-03	1.0E-03	2.1E-04	1.6E-01	5.5E-01	1.8E-05	6.9E+00
548	18.36	1.8E-05	2.8E+01	7.2E-03	1.0E-03	2.1E-04	1.6E-01	5.5E-01	1.8E-05	6.2E+00
549	17.82	1.8E-05	2.8E+01	7.2E-03	1.0E-03	2.1E-04	1.6E-01	5.5E-01	1.8E-05	5.5E+00
550	16.76	1.7E-05	2.6E+01	7.2E-03	1.0E-03	1.9E-04	1.6E-01	5.5E-01	1.7E-05	5.0E+00
551	15.05	1.5E-05	2.3E+01	7.2E-03	1.0E-03	1.7E-04	1.6E-01	5.5E-01	1.5E-05	4.5E+00
552	13.58	1.4E-05	2.1E+01	7.2E-03	1.0E-03	1.6E-04	1.6E-01	5.5E-01	1.4E-05	4.0E+00
553	12.32	1.2E-05	1.9E+01	7.2E-03	1.0E-03	1.4E-04	1.6E-01	5.5E-01	1.2E-05	3.7E+00
554	11.04	1.1E-05	1.7E+01	7.2E-03	1.0E-03	1.3E-04	1.6E-01	5.5E-01	1.1E-05	3.4E+00
555	9.84	9.8E-06	1.5E+01	7.2E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-01	9.8E-06	3.1E+00
556	8.68	8.7E-06	1.3E+01	7.2E-03	1.0E-03	1.0E-04	1.6E-01	5.5E-01	8.7E-06	2.9E+00
557	1.75	1.8E-06	2.7E+00	7.2E-03	1.0E-03	2.0E-05	1.6E-01	5.5E-01	1.7E-06	9.6E+00
558	1.99	2.0E-06	3.1E+00	7.2E-03	1.0E-03	2.3E-05	1.6E-01	5.5E-01	2.0E-06	1.1E+01
559	2.29	2.3E-06	3.5E+00	7.2E-03	1.0E-03	2.7E-05	1.6E-01	5.5E-01	2.3E-06	1.3E+01
560	2.67	2.7E-06	4.1E+00	7.2E-03	1.0E-03	3.1E-05	1.6E-01	5.5E-01	2.7E-06	1.4E+01
561	3.14	3.1E-06	4.8E+00	7.2E-03	1.0E-03	3.6E-05	1.6E-01	5.5E-01	3.1E-06	1.5E+01
562	24.95	2.5E-05	3.9E+01	7.2E-03	1.0E-03	2.9E-04	1.6E-01	5.5E-01	2.5E-05	5.7E+00
563	23.48	2.3E-05	3.6E+01	7.2E-03	1.0E-03	2.7E-04	1.6E-01	5.5E-01	2.3E-05	5.1E+00
564	20.89	2.1E-05	3.2E+01	7.2E-03	1.0E-03	2.4E-04	1.6E-01	5.5E-01	2.1E-05	4.6E+00
565	16.97	1.7E-05	2.6E+01	7.2E-03	1.0E-03	2.0E-04	1.6E-01	5.5E-01	1.7E-05	4.1E+00
566	14.80	1.5E-05	2.3E+01	7.2E-03	1.0E-03	1.7E-04	1.6E-01	5.5E-01	1.5E-05	3.7E+00
567	12.95	1.3E-05	2.0E+01	7.2E-03	1.0E-03	1.5E-04	1.6E-01	5.5E-01	1.3E-05	3.4E+00
568	11.36	1.1E-05	1.8E+01	7.2E-03	1.0E-03	1.3E-04	1.6E-01	5.5E-01	1.1E-05	3.1E+00
569	9.95	1.0E-05	1.5E+01	7.2E-03	1.0E-03	1.2E-04	1.6E-01	5.5E-01	1.0E-05	2.9E+00
570	8.84	8.8E-06	1.4E+01	7.2E-03	1.0E-03	1.0E-04	1.6E-01	5.5E-01	8.8E-06	2.7E+00
571	1.82	1.8E-06	2.8E+00	7.2E-03	1.0E-03	2.1E-05	1.6E-01	5.5E-01	1.8E-06	8.2E+00
572	2.09	2.1E-06	3.2E+00	7.2E-03	1.0E-03	2.4E-05	1.6E-01	5.5E-01	2.1E-06	9.3E+00
573	2.41	2.4E-06	3.7E+00	7.2E-03	1.0E-03	2.8E-05	1.6E-01	5.5E-01	2.4E-06	1.0E+01
574	2.85	2.8E-06	4.4E+00	7.2E-03	1.0E-03	3.3E-05	1.6E-01	5.5E-01	2.8E-06	1.1E+01
575	3.37	3.4E-06	5.2E+00	7.2E-03	1.0E-03	3.9E-05	1.6E-01	5.5E-01	3.4E-06	1.2E+01
576	31.55	3.2E-05	4.9E+01	7.2E-03	1.0E-03	3.7E-04	1.6E-01	5.5E-01	3.2E-05	4.8E+00
577	26.85	2.7E-05	4.2E+01	7.2E-03	1.0E-03	3.1E-04	1.6E-01	5.5E-01	2.7E-05	4.3E+00
578	21.66	2.2E-05	3.3E+01	7.2E-03	1.0E-03	2.5E-04	1.6E-01	5.5E-01	2.2E-05	3.9E+00
579	18.23	1.8E-05	2.8E+01	7.2E-03	1.0E-03	2.1E-04	1.6E-01	5.5E-01	1.8E-05	3.6E+00
580	15.23	1.5E-05	2.4E+01	7.2E-03	1.0E-03	1.8E-04	1.6E-01	5.5E-01	1.5E-05	3.3E+00
581	12.60	1.3E-05	1.9E+01	7.2E-03	1.0E-03	1.5E-04	1.6E-01	5.5E-01	1.3E-05	3.0E+00
582	10.60	1.1E-05	1.6E+01	7.2E-03	1.0E-03	1.2E-04	1.6E-01	5.5E-01	1.1E-05	2.7E+00

583	8.98	9.0E-06	1.4E+01	7.2E-03	1.0E-03	1.0E-04	1.6E-01	5.5E-01	9.0E-06	2.5E+00
584	1.88	1.9E-06	2.9E+00	7.2E-03	1.0E-03	2.2E-05	1.6E-01	5.5E-01	1.9E-06	7.0E+00
585	2.17	2.2E-06	3.4E+00	7.2E-03	1.0E-03	2.5E-05	1.6E-01	5.5E-01	2.2E-06	7.8E+00
586	2.54	2.5E-06	3.9E+00	7.2E-03	1.0E-03	2.9E-05	1.6E-01	5.5E-01	2.5E-06	8.5E+00
587	2.99	3.0E-06	4.6E+00	7.2E-03	1.0E-03	3.5E-05	1.6E-01	5.5E-01	3.0E-06	9.1E+00
588	3.59	3.6E-06	5.5E+00	7.2E-03	1.0E-03	4.2E-05	1.6E-01	5.5E-01	3.6E-06	9.7E+00
589	35.39	3.5E-05	5.5E+01	7.2E-03	1.0E-03	4.1E-04	1.6E-01	5.5E-01	3.5E-05	4.1E+00
590	28.68	2.9E-05	4.4E+01	7.2E-03	1.0E-03	3.3E-04	1.6E-01	5.5E-01	2.9E-05	3.8E+00
591	23.02	2.3E-05	3.6E+01	7.2E-03	1.0E-03	2.7E-04	1.6E-01	5.5E-01	2.3E-05	3.5E+00
592	18.09	1.8E-05	2.8E+01	7.2E-03	1.0E-03	2.1E-04	1.6E-01	5.5E-01	1.8E-05	3.2E+00
593	14.65	1.5E-05	2.3E+01	7.2E-03	1.0E-03	1.7E-04	1.6E-01	5.5E-01	1.5E-05	2.9E+00
594	11.84	1.2E-05	1.8E+01	7.2E-03	1.0E-03	1.4E-04	1.6E-01	5.5E-01	1.2E-05	2.7E+00
595	9.59	9.6E-06	1.5E+01	7.2E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-01	9.6E-06	2.4E+00
596	1.93	1.9E-06	3.0E+00	7.2E-03	1.0E-03	2.2E-05	1.6E-01	5.5E-01	1.9E-06	6.0E+00
597	2.24	2.2E-06	3.5E+00	7.2E-03	1.0E-03	2.6E-05	1.6E-01	5.5E-01	2.2E-06	6.6E+00
598	2.61	2.6E-06	4.0E+00	7.2E-03	1.0E-03	3.0E-05	1.6E-01	5.5E-01	2.6E-06	7.1E+00
599	3.11	3.1E-06	4.8E+00	7.2E-03	1.0E-03	3.6E-05	1.6E-01	5.5E-01	3.1E-06	7.6E+00
600	3.75	3.8E-06	5.8E+00	7.2E-03	1.0E-03	4.4E-05	1.6E-01	5.5E-01	3.8E-06	8.0E+00
601	33.21	3.3E-05	5.1E+01	7.2E-03	1.0E-03	3.9E-04	1.6E-01	5.5E-01	3.3E-05	3.5E+00
602	25.32	2.5E-05	3.9E+01	7.2E-03	1.0E-03	2.9E-04	1.6E-01	5.5E-01	2.5E-05	3.3E+00
603	19.47	1.9E-05	3.0E+01	7.2E-03	1.0E-03	2.3E-04	1.6E-01	5.5E-01	1.9E-05	3.0E+00
604	15.45	1.5E-05	2.4E+01	7.2E-03	1.0E-03	1.8E-04	1.6E-01	5.5E-01	1.5E-05	2.8E+00
605	12.43	1.2E-05	1.9E+01	7.2E-03	1.0E-03	1.4E-04	1.6E-01	5.5E-01	1.2E-05	2.6E+00
606	10.02	1.0E-05	1.5E+01	7.2E-03	1.0E-03	1.2E-04	1.6E-01	5.5E-01	1.0E-05	2.4E+00
607	1.96	2.0E-06	3.0E+00	7.2E-03	1.0E-03	2.3E-05	1.6E-01	5.5E-01	2.0E-06	5.2E+00
608	2.28	2.3E-06	3.5E+00	7.2E-03	1.0E-03	2.6E-05	1.6E-01	5.5E-01	2.3E-06	5.7E+00
609	2.67	2.7E-06	4.1E+00	7.2E-03	1.0E-03	3.1E-05	1.6E-01	5.5E-01	2.7E-06	6.1E+00
610	3.18	3.2E-06	4.9E+00	7.2E-03	1.0E-03	3.7E-05	1.6E-01	5.5E-01	3.2E-06	6.5E+00
611	3.85	3.9E-06	6.0E+00	7.2E-03	1.0E-03	4.5E-05	1.6E-01	5.5E-01	3.8E-06	6.8E+00
612	36.17	3.6E-05	5.6E+01	7.2E-03	1.0E-03	4.2E-04	1.6E-01	5.5E-01	3.6E-05	3.3E+00
613	26.46	2.6E-05	4.1E+01	7.2E-03	1.0E-03	3.1E-04	1.6E-01	5.5E-01	2.6E-05	3.1E+00
614	19.86	2.0E-05	3.1E+01	7.2E-03	1.0E-03	2.3E-04	1.6E-01	5.5E-01	2.0E-05	2.9E+00
615	15.50	1.5E-05	2.4E+01	7.2E-03	1.0E-03	1.8E-04	1.6E-01	5.5E-01	1.5E-05	2.7E+00
616	12.34	1.2E-05	1.9E+01	7.2E-03	1.0E-03	1.4E-04	1.6E-01	5.5E-01	1.2E-05	2.5E+00
617	9.85	9.8E-06	1.5E+01	7.2E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-01	9.8E-06	2.3E+00
618	1.97	2.0E-06	3.0E+00	7.2E-03	1.0E-03	2.3E-05	1.6E-01	5.5E-01	2.0E-06	4.6E+00
619	2.28	2.3E-06	3.5E+00	7.2E-03	1.0E-03	2.6E-05	1.6E-01	5.5E-01	2.3E-06	4.9E+00
620	2.69	2.7E-06	4.2E+00	7.2E-03	1.0E-03	3.1E-05	1.6E-01	5.5E-01	2.7E-06	5.3E+00
621	3.19	3.2E-06	4.9E+00	7.2E-03	1.0E-03	3.7E-05	1.6E-01	5.5E-01	3.2E-06	5.6E+00
622	3.87	3.9E-06	6.0E+00	7.2E-03	1.0E-03	4.5E-05	1.6E-01	5.5E-01	3.9E-06	5.8E+00
623	35.81	3.6E-05	5.5E+01	7.2E-03	1.0E-03	4.2E-04	1.6E-01	5.5E-01	3.6E-05	3.1E+00
624	25.56	2.6E-05	4.0E+01	7.2E-03	1.0E-03	3.0E-04	1.6E-01	5.5E-01	2.6E-05	2.9E+00
625	19.09	1.9E-05	3.0E+01	7.2E-03	1.0E-03	2.2E-04	1.6E-01	5.5E-01	1.9E-05	2.7E+00
626	14.87	1.5E-05	2.3E+01	7.2E-03	1.0E-03	1.7E-04	1.6E-01	5.5E-01	1.5E-05	2.5E+00
627	11.95	1.2E-05	1.8E+01	7.2E-03	1.0E-03	1.4E-04	1.6E-01	5.5E-01	1.2E-05	2.4E+00
628	9.61	9.6E-06	1.5E+01	7.2E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-01	9.6E-06	2.2E+00
629	1.96	2.0E-06	3.0E+00	7.2E-03	1.0E-03	2.3E-05	1.6E-01	5.5E-01	2.0E-06	4.1E+00
630	2.26	2.3E-06	3.5E+00	7.2E-03	1.0E-03	2.6E-05	1.6E-01	5.5E-01	2.3E-06	4.3E+00
631	2.65	2.7E-06	4.1E+00	7.2E-03	1.0E-03	3.1E-05	1.6E-01	5.5E-01	2.7E-06	4.6E+00

632	3.15	3.2E-06	4.9E+00	7.2E-03	1.0E-03	3.7E-05	1.6E-01	5.5E-01	3.2E-06	4.8E+00
633	3.83	3.8E-06	5.9E+00	7.2E-03	1.0E-03	4.4E-05	1.6E-01	5.5E-01	3.8E-06	5.0E+00
634	31.56	3.2E-05	4.9E+01	7.2E-03	1.0E-03	3.7E-04	1.6E-01	5.5E-01	3.2E-05	3.0E+00
635	22.99	2.3E-05	3.6E+01	7.2E-03	1.0E-03	2.7E-04	1.6E-01	5.5E-01	2.3E-05	2.8E+00
636	17.45	1.7E-05	2.7E+01	7.2E-03	1.0E-03	2.0E-04	1.6E-01	5.5E-01	1.7E-05	2.6E+00
637	13.74	1.4E-05	2.1E+01	7.2E-03	1.0E-03	1.6E-04	1.6E-01	5.5E-01	1.4E-05	2.4E+00
638	11.10	1.1E-05	1.7E+01	7.2E-03	1.0E-03	1.3E-04	1.6E-01	5.5E-01	1.1E-05	2.3E+00
639	9.13	9.1E-06	1.4E+01	7.2E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-01	9.1E-06	2.1E+00
640	1.93	1.9E-06	3.0E+00	7.2E-03	1.0E-03	2.2E-05	1.6E-01	5.5E-01	1.9E-06	3.6E+00
641	2.23	2.2E-06	3.4E+00	7.2E-03	1.0E-03	2.6E-05	1.6E-01	5.5E-01	2.2E-06	3.8E+00
642	2.61	2.6E-06	4.0E+00	7.2E-03	1.0E-03	3.0E-05	1.6E-01	5.5E-01	2.6E-06	4.1E+00
643	3.10	3.1E-06	4.8E+00	7.2E-03	1.0E-03	3.6E-05	1.6E-01	5.5E-01	3.1E-06	4.3E+00
644	3.74	3.7E-06	5.8E+00	7.2E-03	1.0E-03	4.3E-05	1.6E-01	5.5E-01	3.7E-06	4.4E+00
645	25.65	2.6E-05	4.0E+01	7.2E-03	1.0E-03	3.0E-04	1.6E-01	5.5E-01	2.6E-05	2.8E+00
646	19.63	2.0E-05	3.0E+01	7.2E-03	1.0E-03	2.3E-04	1.6E-01	5.5E-01	2.0E-05	2.6E+00
647	15.37	1.5E-05	2.4E+01	7.2E-03	1.0E-03	1.8E-04	1.6E-01	5.5E-01	1.5E-05	2.5E+00
648	12.36	1.2E-05	1.9E+01	7.2E-03	1.0E-03	1.4E-04	1.6E-01	5.5E-01	1.2E-05	2.3E+00
649	10.12	1.0E-05	1.6E+01	7.2E-03	1.0E-03	1.2E-04	1.6E-01	5.5E-01	1.0E-05	2.2E+00
650	8.41	8.4E-06	1.3E+01	7.2E-03	1.0E-03	9.8E-05	1.6E-01	5.5E-01	8.4E-06	2.0E+00
651	1.89	1.9E-06	2.9E+00	7.2E-03	1.0E-03	2.2E-05	1.6E-01	5.5E-01	1.9E-06	3.2E+00
652	2.18	2.2E-06	3.4E+00	7.2E-03	1.0E-03	2.5E-05	1.6E-01	5.5E-01	2.2E-06	3.4E+00
653	2.55	2.5E-06	3.9E+00	7.2E-03	1.0E-03	3.0E-05	1.6E-01	5.5E-01	2.5E-06	3.6E+00
654	3.01	3.0E-06	4.7E+00	7.2E-03	1.0E-03	3.5E-05	1.6E-01	5.5E-01	3.0E-06	3.8E+00
655	3.61	3.6E-06	5.6E+00	7.2E-03	1.0E-03	4.2E-05	1.6E-01	5.5E-01	3.6E-06	3.9E+00
656	4.40	4.4E-06	6.8E+00	7.2E-03	1.0E-03	5.1E-05	1.6E-01	5.5E-01	4.4E-06	4.0E+00
657	5.51	5.5E-06	8.5E+00	7.2E-03	1.0E-03	6.4E-05	1.6E-01	5.5E-01	5.5E-06	4.1E+00
658	7.12	7.1E-06	1.1E+01	7.2E-03	1.0E-03	8.3E-05	1.6E-01	5.5E-01	7.1E-06	4.1E+00
659	9.49	9.5E-06	1.5E+01	7.2E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-01	9.5E-06	4.1E+00
660	13.15	1.3E-05	2.0E+01	7.2E-03	1.0E-03	1.5E-04	1.6E-01	5.5E-01	1.3E-05	4.1E+00
661	18.30	1.8E-05	2.8E+01	7.2E-03	1.0E-03	2.1E-04	1.6E-01	5.5E-01	1.8E-05	4.0E+00
662	25.06	2.5E-05	3.9E+01	7.2E-03	1.0E-03	2.9E-04	1.6E-01	5.5E-01	2.5E-05	3.9E+00
663	32.49	3.2E-05	5.0E+01	7.2E-03	1.0E-03	3.8E-04	1.6E-01	5.5E-01	3.2E-05	3.8E+00
664	39.04	3.9E-05	6.0E+01	7.2E-03	1.0E-03	4.5E-04	1.6E-01	5.5E-01	3.9E-05	3.7E+00
665	43.00	4.3E-05	6.6E+01	7.2E-03	1.0E-03	5.0E-04	1.6E-01	5.5E-01	4.3E-05	3.6E+00
666	44.16	4.4E-05	6.8E+01	7.2E-03	1.0E-03	5.1E-04	1.6E-01	5.5E-01	4.4E-05	3.4E+00
667	42.59	4.3E-05	6.6E+01	7.2E-03	1.0E-03	4.9E-04	1.6E-01	5.5E-01	4.3E-05	3.3E+00
668	38.53	3.9E-05	6.0E+01	7.2E-03	1.0E-03	4.5E-04	1.6E-01	5.5E-01	3.9E-05	3.1E+00
669	32.35	3.2E-05	5.0E+01	7.2E-03	1.0E-03	3.8E-04	1.6E-01	5.5E-01	3.2E-05	2.9E+00
670	25.77	2.6E-05	4.0E+01	7.2E-03	1.0E-03	3.0E-04	1.6E-01	5.5E-01	2.6E-05	2.8E+00
671	20.33	2.0E-05	3.1E+01	7.2E-03	1.0E-03	2.4E-04	1.6E-01	5.5E-01	2.0E-05	2.6E+00
672	16.30	1.6E-05	2.5E+01	7.2E-03	1.0E-03	1.9E-04	1.6E-01	5.5E-01	1.6E-05	2.5E+00
673	13.20	1.3E-05	2.0E+01	7.2E-03	1.0E-03	1.5E-04	1.6E-01	5.5E-01	1.3E-05	2.3E+00
674	10.87	1.1E-05	1.7E+01	7.2E-03	1.0E-03	1.3E-04	1.6E-01	5.5E-01	1.1E-05	2.2E+00
675	9.06	9.1E-06	1.4E+01	7.2E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-01	9.1E-06	2.1E+00
676	7.66	7.7E-06	1.2E+01	7.2E-03	1.0E-03	8.9E-05	1.6E-01	5.5E-01	7.7E-06	1.9E+00
677	1.83	1.8E-06	2.8E+00	7.2E-03	1.0E-03	2.1E-05	1.6E-01	5.5E-01	1.8E-06	2.9E+00
678	2.09	2.1E-06	3.2E+00	7.2E-03	1.0E-03	2.4E-05	1.6E-01	5.5E-01	2.1E-06	3.1E+00
679	2.43	2.4E-06	3.8E+00	7.2E-03	1.0E-03	2.8E-05	1.6E-01	5.5E-01	2.4E-06	3.2E+00
680	2.84	2.8E-06	4.4E+00	7.2E-03	1.0E-03	3.3E-05	1.6E-01	5.5E-01	2.8E-06	3.4E+00

681	3.40	3.4E-06	5.2E+00	7.2E-03	1.0E-03	3.9E-05	1.6E-01	5.5E-01	3.4E-06	3.5E+00
682	4.10	4.1E-06	6.3E+00	7.2E-03	1.0E-03	4.8E-05	1.6E-01	5.5E-01	4.1E-06	3.6E+00
683	5.02	5.0E-06	7.8E+00	7.2E-03	1.0E-03	5.8E-05	1.6E-01	5.5E-01	5.0E-06	3.7E+00
684	6.37	6.4E-06	9.8E+00	7.2E-03	1.0E-03	7.4E-05	1.6E-01	5.5E-01	6.4E-06	3.7E+00
685	8.23	8.2E-06	1.3E+01	7.2E-03	1.0E-03	9.6E-05	1.6E-01	5.5E-01	8.2E-06	3.7E+00
686	10.72	1.1E-05	1.7E+01	7.2E-03	1.0E-03	1.2E-04	1.6E-01	5.5E-01	1.1E-05	3.7E+00
687	14.14	1.4E-05	2.2E+01	7.2E-03	1.0E-03	1.6E-04	1.6E-01	5.5E-01	1.4E-05	3.6E+00
688	18.23	1.8E-05	2.8E+01	7.2E-03	1.0E-03	2.1E-04	1.6E-01	5.5E-01	1.8E-05	3.6E+00
689	22.32	2.2E-05	3.5E+01	7.2E-03	1.0E-03	2.6E-04	1.6E-01	5.5E-01	2.2E-05	3.5E+00
690	25.94	2.6E-05	4.0E+01	7.2E-03	1.0E-03	3.0E-04	1.6E-01	5.5E-01	2.6E-05	3.4E+00
691	28.27	2.8E-05	4.4E+01	7.2E-03	1.0E-03	3.3E-04	1.6E-01	5.5E-01	2.8E-05	3.3E+00
692	29.16	2.9E-05	4.5E+01	7.2E-03	1.0E-03	3.4E-04	1.6E-01	5.5E-01	2.9E-05	3.1E+00
693	28.44	2.8E-05	4.4E+01	7.2E-03	1.0E-03	3.3E-04	1.6E-01	5.5E-01	2.8E-05	3.0E+00
694	26.32	2.6E-05	4.1E+01	7.2E-03	1.0E-03	3.1E-04	1.6E-01	5.5E-01	2.6E-05	2.9E+00
695	23.14	2.3E-05	3.6E+01	7.2E-03	1.0E-03	2.7E-04	1.6E-01	5.5E-01	2.3E-05	2.7E+00
696	19.55	2.0E-05	3.0E+01	7.2E-03	1.0E-03	2.3E-04	1.6E-01	5.5E-01	2.0E-05	2.6E+00
697	16.21	1.6E-05	2.5E+01	7.2E-03	1.0E-03	1.9E-04	1.6E-01	5.5E-01	1.6E-05	2.5E+00
698	13.50	1.4E-05	2.1E+01	7.2E-03	1.0E-03	1.6E-04	1.6E-01	5.5E-01	1.4E-05	2.3E+00
699	11.27	1.1E-05	1.7E+01	7.2E-03	1.0E-03	1.3E-04	1.6E-01	5.5E-01	1.1E-05	2.2E+00
700	9.49	9.5E-06	1.5E+01	7.2E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-01	9.5E-06	2.1E+00
701	8.05	8.1E-06	1.2E+01	7.2E-03	1.0E-03	9.4E-05	1.6E-01	5.5E-01	8.1E-06	2.0E+00
702	6.91	6.9E-06	1.1E+01	7.2E-03	1.0E-03	8.0E-05	1.6E-01	5.5E-01	6.9E-06	1.9E+00
703	1.76	1.8E-06	2.7E+00	7.2E-03	1.0E-03	2.0E-05	1.6E-01	5.5E-01	1.8E-06	2.7E+00
704	2.01	2.0E-06	3.1E+00	7.2E-03	1.0E-03	2.3E-05	1.6E-01	5.5E-01	2.0E-06	2.8E+00
705	2.31	2.3E-06	3.6E+00	7.2E-03	1.0E-03	2.7E-05	1.6E-01	5.5E-01	2.3E-06	2.9E+00
706	2.68	2.7E-06	4.1E+00	7.2E-03	1.0E-03	3.1E-05	1.6E-01	5.5E-01	2.7E-06	3.0E+00
707	3.16	3.2E-06	4.9E+00	7.2E-03	1.0E-03	3.7E-05	1.6E-01	5.5E-01	3.2E-06	3.1E+00
708	3.79	3.8E-06	5.9E+00	7.2E-03	1.0E-03	4.4E-05	1.6E-01	5.5E-01	3.8E-06	3.2E+00
709	4.59	4.6E-06	7.1E+00	7.2E-03	1.0E-03	5.3E-05	1.6E-01	5.5E-01	4.6E-06	3.3E+00
710	5.71	5.7E-06	8.8E+00	7.2E-03	1.0E-03	6.6E-05	1.6E-01	5.5E-01	5.7E-06	3.3E+00
711	7.09	7.1E-06	1.1E+01	7.2E-03	1.0E-03	8.2E-05	1.6E-01	5.5E-01	7.1E-06	3.3E+00
712	8.92	8.9E-06	1.4E+01	7.2E-03	1.0E-03	1.0E-04	1.6E-01	5.5E-01	8.9E-06	3.3E+00
713	11.09	1.1E-05	1.7E+01	7.2E-03	1.0E-03	1.3E-04	1.6E-01	5.5E-01	1.1E-05	3.3E+00
714	13.70	1.4E-05	2.1E+01	7.2E-03	1.0E-03	1.6E-04	1.6E-01	5.5E-01	1.4E-05	3.3E+00
715	16.20	1.6E-05	2.5E+01	7.2E-03	1.0E-03	1.9E-04	1.6E-01	5.5E-01	1.6E-05	3.2E+00
716	18.31	1.8E-05	2.8E+01	7.2E-03	1.0E-03	2.1E-04	1.6E-01	5.5E-01	1.8E-05	3.1E+00
717	19.75	2.0E-05	3.1E+01	7.2E-03	1.0E-03	2.3E-04	1.6E-01	5.5E-01	2.0E-05	3.0E+00
718	20.43	2.0E-05	3.2E+01	7.2E-03	1.0E-03	2.4E-04	1.6E-01	5.5E-01	2.0E-05	2.9E+00
719	20.19	2.0E-05	3.1E+01	7.2E-03	1.0E-03	2.3E-04	1.6E-01	5.5E-01	2.0E-05	2.8E+00
720	19.10	1.9E-05	3.0E+01	7.2E-03	1.0E-03	2.2E-04	1.6E-01	5.5E-01	1.9E-05	2.7E+00
721	17.35	1.7E-05	2.7E+01	7.2E-03	1.0E-03	2.0E-04	1.6E-01	5.5E-01	1.7E-05	2.6E+00
722	15.23	1.5E-05	2.4E+01	7.2E-03	1.0E-03	1.8E-04	1.6E-01	5.5E-01	1.5E-05	2.4E+00
723	13.11	1.3E-05	2.0E+01	7.2E-03	1.0E-03	1.5E-04	1.6E-01	5.5E-01	1.3E-05	2.3E+00
724	11.29	1.1E-05	1.7E+01	7.2E-03	1.0E-03	1.3E-04	1.6E-01	5.5E-01	1.1E-05	2.2E+00
725	9.67	9.7E-06	1.5E+01	7.2E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-01	9.7E-06	2.1E+00
726	8.30	8.3E-06	1.3E+01	7.2E-03	1.0E-03	9.6E-05	1.6E-01	5.5E-01	8.3E-06	2.0E+00
727	7.15	7.2E-06	1.1E+01	7.2E-03	1.0E-03	8.3E-05	1.6E-01	5.5E-01	7.2E-06	1.9E+00
728	6.22	6.2E-06	9.6E+00	7.2E-03	1.0E-03	7.2E-05	1.6E-01	5.5E-01	6.2E-06	1.8E+00
729	1.69	1.7E-06	2.6E+00	7.2E-03	1.0E-03	2.0E-05	1.6E-01	5.5E-01	1.7E-06	2.4E+00

730	1.92	1.9E-06	3.0E+00	7.2E-03	1.0E-03	2.2E-05	1.6E-01	5.5E-01	1.9E-06	2.5E+00
731	2.19	2.2E-06	3.4E+00	7.2E-03	1.0E-03	2.5E-05	1.6E-01	5.5E-01	2.2E-06	2.6E+00
732	2.53	2.5E-06	3.9E+00	7.2E-03	1.0E-03	2.9E-05	1.6E-01	5.5E-01	2.5E-06	2.7E+00
733	2.94	2.9E-06	4.5E+00	7.2E-03	1.0E-03	3.4E-05	1.6E-01	5.5E-01	2.9E-06	2.8E+00
734	3.48	3.5E-06	5.4E+00	7.2E-03	1.0E-03	4.0E-05	1.6E-01	5.5E-01	3.5E-06	2.9E+00
735	4.17	4.2E-06	6.4E+00	7.2E-03	1.0E-03	4.8E-05	1.6E-01	5.5E-01	4.2E-06	3.0E+00
736	5.06	5.1E-06	7.8E+00	7.2E-03	1.0E-03	5.9E-05	1.6E-01	5.5E-01	5.1E-06	3.0E+00
737	6.08	6.1E-06	9.4E+00	7.2E-03	1.0E-03	7.1E-05	1.6E-01	5.5E-01	6.1E-06	3.0E+00
738	7.42	7.4E-06	1.1E+01	7.2E-03	1.0E-03	8.6E-05	1.6E-01	5.5E-01	7.4E-06	3.0E+00
739	8.89	8.9E-06	1.4E+01	7.2E-03	1.0E-03	1.0E-04	1.6E-01	5.5E-01	8.9E-06	3.0E+00
740	10.59	1.1E-05	1.6E+01	7.2E-03	1.0E-03	1.2E-04	1.6E-01	5.5E-01	1.1E-05	3.0E+00
741	12.24	1.2E-05	1.9E+01	7.2E-03	1.0E-03	1.4E-04	1.6E-01	5.5E-01	1.2E-05	2.9E+00
742	13.56	1.4E-05	2.1E+01	7.2E-03	1.0E-03	1.6E-04	1.6E-01	5.5E-01	1.4E-05	2.9E+00
743	14.52	1.5E-05	2.2E+01	7.2E-03	1.0E-03	1.7E-04	1.6E-01	5.5E-01	1.5E-05	2.8E+00
744	15.07	1.5E-05	2.3E+01	7.2E-03	1.0E-03	1.7E-04	1.6E-01	5.5E-01	1.5E-05	2.7E+00
745	15.07	1.5E-05	2.3E+01	7.2E-03	1.0E-03	1.7E-04	1.6E-01	5.5E-01	1.5E-05	2.6E+00
746	14.52	1.5E-05	2.2E+01	7.2E-03	1.0E-03	1.7E-04	1.6E-01	5.5E-01	1.5E-05	2.5E+00
747	13.50	1.3E-05	2.1E+01	7.2E-03	1.0E-03	1.6E-04	1.6E-01	5.5E-01	1.3E-05	2.4E+00
748	12.15	1.2E-05	1.9E+01	7.2E-03	1.0E-03	1.4E-04	1.6E-01	5.5E-01	1.2E-05	2.3E+00
749	10.76	1.1E-05	1.7E+01	7.2E-03	1.0E-03	1.3E-04	1.6E-01	5.5E-01	1.1E-05	2.2E+00
750	9.48	9.5E-06	1.5E+01	7.2E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-01	9.5E-06	2.1E+00
751	8.29	8.3E-06	1.3E+01	7.2E-03	1.0E-03	9.6E-05	1.6E-01	5.5E-01	8.3E-06	2.0E+00
752	7.26	7.3E-06	1.1E+01	7.2E-03	1.0E-03	8.4E-05	1.6E-01	5.5E-01	7.3E-06	1.9E+00
753	6.36	6.4E-06	9.8E+00	7.2E-03	1.0E-03	7.4E-05	1.6E-01	5.5E-01	6.4E-06	1.8E+00
754	5.60	5.6E-06	8.7E+00	7.2E-03	1.0E-03	6.5E-05	1.6E-01	5.5E-01	5.6E-06	1.7E+00
755	1.61	1.6E-06	2.5E+00	7.2E-03	1.0E-03	1.9E-05	1.6E-01	5.5E-01	1.6E-06	2.2E+00
756	1.81	1.8E-06	2.8E+00	7.2E-03	1.0E-03	2.1E-05	1.6E-01	5.5E-01	1.8E-06	2.3E+00
757	2.06	2.1E-06	3.2E+00	7.2E-03	1.0E-03	2.4E-05	1.6E-01	5.5E-01	2.1E-06	2.4E+00
758	2.35	2.4E-06	3.6E+00	7.2E-03	1.0E-03	2.7E-05	1.6E-01	5.5E-01	2.4E-06	2.5E+00
759	2.73	2.7E-06	4.2E+00	7.2E-03	1.0E-03	3.2E-05	1.6E-01	5.5E-01	2.7E-06	2.6E+00
760	3.18	3.2E-06	4.9E+00	7.2E-03	1.0E-03	3.7E-05	1.6E-01	5.5E-01	3.2E-06	2.6E+00
761	3.75	3.7E-06	5.8E+00	7.2E-03	1.0E-03	4.3E-05	1.6E-01	5.5E-01	3.7E-06	2.7E+00
762	4.45	4.5E-06	6.9E+00	7.2E-03	1.0E-03	5.2E-05	1.6E-01	5.5E-01	4.4E-06	2.7E+00
763	5.25	5.3E-06	8.1E+00	7.2E-03	1.0E-03	6.1E-05	1.6E-01	5.5E-01	5.3E-06	2.8E+00
764	6.21	6.2E-06	9.6E+00	7.2E-03	1.0E-03	7.2E-05	1.6E-01	5.5E-01	6.2E-06	2.8E+00
765	7.25	7.3E-06	1.1E+01	7.2E-03	1.0E-03	8.4E-05	1.6E-01	5.5E-01	7.2E-06	2.7E+00
766	8.40	8.4E-06	1.3E+01	7.2E-03	1.0E-03	9.8E-05	1.6E-01	5.5E-01	8.4E-06	2.7E+00
767	9.55	9.5E-06	1.5E+01	7.2E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-01	9.5E-06	2.7E+00
768	10.45	1.0E-05	1.6E+01	7.2E-03	1.0E-03	1.2E-04	1.6E-01	5.5E-01	1.0E-05	2.6E+00
769	11.13	1.1E-05	1.7E+01	7.2E-03	1.0E-03	1.3E-04	1.6E-01	5.5E-01	1.1E-05	2.6E+00
770	11.60	1.2E-05	1.8E+01	7.2E-03	1.0E-03	1.3E-04	1.6E-01	5.5E-01	1.2E-05	2.5E+00
771	11.72	1.2E-05	1.8E+01	7.2E-03	1.0E-03	1.4E-04	1.6E-01	5.5E-01	1.2E-05	2.4E+00
772	11.47	1.1E-05	1.8E+01	7.2E-03	1.0E-03	1.3E-04	1.6E-01	5.5E-01	1.1E-05	2.3E+00
773	10.85	1.1E-05	1.7E+01	7.2E-03	1.0E-03	1.3E-04	1.6E-01	5.5E-01	1.1E-05	2.2E+00
774	9.90	9.9E-06	1.5E+01	7.2E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-01	9.9E-06	2.2E+00
775	8.97	9.0E-06	1.4E+01	7.2E-03	1.0E-03	1.0E-04	1.6E-01	5.5E-01	9.0E-06	2.1E+00
776	8.06	8.1E-06	1.2E+01	7.2E-03	1.0E-03	9.4E-05	1.6E-01	5.5E-01	8.1E-06	2.0E+00
777	7.19	7.2E-06	1.1E+01	7.2E-03	1.0E-03	8.3E-05	1.6E-01	5.5E-01	7.2E-06	1.9E+00
778	6.39	6.4E-06	9.9E+00	7.2E-03	1.0E-03	7.4E-05	1.6E-01	5.5E-01	6.4E-06	1.8E+00

779	5.68	5.7E-06	8.8E+00	7.2E-03	1.0E-03	6.6E-05	1.6E-01	5.5E-01	5.7E-06	1.7E+00
780	5.06	5.1E-06	7.8E+00	7.2E-03	1.0E-03	5.9E-05	1.6E-01	5.5E-01	5.1E-06	1.6E+00
781	1.53	1.5E-06	2.4E+00	7.2E-03	1.0E-03	1.8E-05	1.6E-01	5.5E-01	1.5E-06	2.0E+00
782	1.71	1.7E-06	2.6E+00	7.2E-03	1.0E-03	2.0E-05	1.6E-01	5.5E-01	1.7E-06	2.1E+00
783	1.93	1.9E-06	3.0E+00	7.2E-03	1.0E-03	2.2E-05	1.6E-01	5.5E-01	1.9E-06	2.2E+00
784	2.20	2.2E-06	3.4E+00	7.2E-03	1.0E-03	2.5E-05	1.6E-01	5.5E-01	2.2E-06	2.3E+00
785	2.52	2.5E-06	3.9E+00	7.2E-03	1.0E-03	2.9E-05	1.6E-01	5.5E-01	2.5E-06	2.4E+00
786	2.91	2.9E-06	4.5E+00	7.2E-03	1.0E-03	3.4E-05	1.6E-01	5.5E-01	2.9E-06	2.4E+00
787	3.37	3.4E-06	5.2E+00	7.2E-03	1.0E-03	3.9E-05	1.6E-01	5.5E-01	3.4E-06	2.5E+00
788	3.94	3.9E-06	6.1E+00	7.2E-03	1.0E-03	4.6E-05	1.6E-01	5.5E-01	3.9E-06	2.5E+00
789	4.56	4.6E-06	7.0E+00	7.2E-03	1.0E-03	5.3E-05	1.6E-01	5.5E-01	4.6E-06	2.5E+00
790	5.25	5.3E-06	8.1E+00	7.2E-03	1.0E-03	6.1E-05	1.6E-01	5.5E-01	5.2E-06	2.5E+00
791	6.02	6.0E-06	9.3E+00	7.2E-03	1.0E-03	7.0E-05	1.6E-01	5.5E-01	6.0E-06	2.5E+00
792	6.85	6.8E-06	1.1E+01	7.2E-03	1.0E-03	8.0E-05	1.6E-01	5.5E-01	6.8E-06	2.5E+00
793	7.66	7.7E-06	1.2E+01	7.2E-03	1.0E-03	8.9E-05	1.6E-01	5.5E-01	7.7E-06	2.5E+00
794	8.29	8.3E-06	1.3E+01	7.2E-03	1.0E-03	9.6E-05	1.6E-01	5.5E-01	8.3E-06	2.4E+00
795	8.84	8.8E-06	1.4E+01	7.2E-03	1.0E-03	1.0E-04	1.6E-01	5.5E-01	8.8E-06	2.4E+00
796	9.22	9.2E-06	1.4E+01	7.2E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-01	9.2E-06	2.3E+00
797	9.38	9.4E-06	1.5E+01	7.2E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-01	9.4E-06	2.3E+00
798	9.26	9.3E-06	1.4E+01	7.2E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-01	9.3E-06	2.2E+00
799	8.86	8.9E-06	1.4E+01	7.2E-03	1.0E-03	1.0E-04	1.6E-01	5.5E-01	8.9E-06	2.1E+00
800	8.20	8.2E-06	1.3E+01	7.2E-03	1.0E-03	9.5E-05	1.6E-01	5.5E-01	8.2E-06	2.0E+00
801	7.56	7.6E-06	1.2E+01	7.2E-03	1.0E-03	8.8E-05	1.6E-01	5.5E-01	7.6E-06	1.9E+00
802	6.93	6.9E-06	1.1E+01	7.2E-03	1.0E-03	8.0E-05	1.6E-01	5.5E-01	6.9E-06	1.9E+00
803	6.28	6.3E-06	9.7E+00	7.2E-03	1.0E-03	7.3E-05	1.6E-01	5.5E-01	6.3E-06	1.8E+00
804	5.67	5.7E-06	8.8E+00	7.2E-03	1.0E-03	6.6E-05	1.6E-01	5.5E-01	5.7E-06	1.7E+00
805	5.10	5.1E-06	7.9E+00	7.2E-03	1.0E-03	5.9E-05	1.6E-01	5.5E-01	5.1E-06	1.6E+00
806	4.58	4.6E-06	7.1E+00	7.2E-03	1.0E-03	5.3E-05	1.6E-01	5.5E-01	4.6E-06	1.6E+00

Franklin School Project

Risk From New Building Const - Unmitigated Residential

Haul Route 1A							Haul Route 2A							
g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec
8.0E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11	3.4E-01	2.5E-06	1.0E-03	8.9E-10	1.6E-01	5.5E-01	7.6E-11	3.4E-01	5.2E-06
8.0E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11	3.9E-01	2.5E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-01	8.8E-11	3.9E-01	5.2E-06
8.0E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-01	3.0E-11	4.5E-01	2.5E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.0E-10	4.5E-01	5.2E-06
8.0E-07	1.0E-03	3.8E-10	1.6E-01	5.5E-01	3.3E-11	5.2E-01	2.5E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-01	1.2E-10	5.2E-01	5.2E-06
8.0E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-01	3.6E-11	5.8E-01	2.5E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10	5.8E-01	5.2E-06
8.0E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-01	4.0E-11	6.5E-01	2.5E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10	6.5E-01	5.2E-06
8.0E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-01	4.3E-11	7.1E-01	2.5E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.6E-10	7.1E-01	5.2E-06
8.0E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-01	4.6E-11	7.7E-01	2.5E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10	7.7E-01	5.2E-06
8.0E-07	1.0E-03	5.8E-10	1.6E-01	5.5E-01	5.0E-11	8.4E-01	2.5E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	8.4E-01	5.2E-06
8.0E-07	1.0E-03	6.3E-10	1.6E-01	5.5E-01	5.4E-11	9.2E-01	2.5E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.1E-10	9.2E-01	5.2E-06
8.0E-07	1.0E-03	6.7E-10	1.6E-01	5.5E-01	5.8E-11	9.9E-01	2.5E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.2E-10	9.9E-01	5.2E-06
8.0E-07	1.0E-03	7.0E-10	1.6E-01	5.5E-01	6.0E-11	1.0E+00	2.5E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10	1.0E+00	5.2E-06
8.0E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-01	6.1E-11	1.0E+00	2.5E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.4E-10	1.0E+00	5.2E-06
8.0E-07	1.0E-03	6.9E-10	1.6E-01	5.5E-01	6.0E-11	1.0E+00	2.5E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10	1.0E+00	5.2E-06
8.0E-07	1.0E-03	6.6E-10	1.6E-01	5.5E-01	5.7E-11	9.5E-01	2.5E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.2E-10	9.5E-01	5.2E-06
8.0E-07	1.0E-03	6.2E-10	1.6E-01	5.5E-01	5.3E-11	8.8E-01	2.5E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	8.8E-01	5.2E-06
8.0E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.7E-11	3.9E-01	2.5E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-01	8.9E-11	3.9E-01	5.2E-06
8.0E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-01	3.1E-11	4.7E-01	2.5E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.1E-10	4.7E-01	5.2E-06
8.0E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-01	3.6E-11	5.5E-01	2.5E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10	5.5E-01	5.2E-06
8.0E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-01	4.2E-11	6.5E-01	2.5E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10	6.5E-01	5.2E-06
8.0E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-01	4.7E-11	7.6E-01	2.5E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10	7.6E-01	5.2E-06
8.0E-07	1.0E-03	6.1E-10	1.6E-01	5.5E-01	5.2E-11	8.7E-01	2.5E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	8.7E-01	5.2E-06
8.0E-07	1.0E-03	6.6E-10	1.6E-01	5.5E-01	5.7E-11	9.7E-01	2.5E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.2E-10	9.7E-01	5.2E-06
8.0E-07	1.0E-03	7.3E-10	1.6E-01	5.5E-01	6.3E-11	1.1E+00	2.5E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10	1.1E+00	5.2E-06
8.0E-07	1.0E-03	8.0E-10	1.6E-01	5.5E-01	6.9E-11	1.2E+00	2.5E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-01	2.7E-10	1.2E+00	5.2E-06
8.0E-07	1.0E-03	8.7E-10	1.6E-01	5.5E-01	7.5E-11	1.3E+00	2.5E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-01	3.0E-10	1.3E+00	5.2E-06
8.0E-07	1.0E-03	9.2E-10	1.6E-01	5.5E-01	8.0E-11	1.4E+00	2.5E-06	1.0E-03	3.7E-09	1.6E-01	5.5E-01	3.2E-10	1.4E+00	5.2E-06
8.0E-07	1.0E-03	9.4E-10	1.6E-01	5.5E-01	8.1E-11	1.4E+00	2.5E-06	1.0E-03	3.8E-09	1.6E-01	5.5E-01	3.2E-10	1.4E+00	5.2E-06
8.0E-07	1.0E-03	9.2E-10	1.6E-01	5.5E-01	7.9E-11	1.4E+00	2.5E-06	1.0E-03	3.6E-09	1.6E-01	5.5E-01	3.1E-10	1.4E+00	5.2E-06
8.0E-07	1.0E-03	8.7E-10	1.6E-01	5.5E-01	7.5E-11	1.3E+00	2.5E-06	1.0E-03	3.4E-09	1.6E-01	5.5E-01	2.9E-10	1.3E+00	5.2E-06
8.0E-07	1.0E-03	8.0E-10	1.6E-01	5.5E-01	6.9E-11	1.2E+00	2.5E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	1.2E+00	5.2E-06
8.0E-07	1.0E-03	7.2E-10	1.6E-01	5.5E-01	6.2E-11	1.0E+00	2.5E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10	1.0E+00	5.2E-06
8.0E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-01	3.2E-11	4.5E-01	2.5E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.0E-10	4.5E-01	5.2E-06
8.0E-07	1.0E-03	4.4E-10	1.6E-01	5.5E-01	3.8E-11	5.6E-01	2.5E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10	5.6E-01	5.2E-06
8.0E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-01	4.5E-11	6.9E-01	2.5E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.6E-10	6.9E-01	5.2E-06
8.0E-07	1.0E-03	6.3E-10	1.6E-01	5.5E-01	5.4E-11	8.5E-01	2.5E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	8.5E-01	5.2E-06
8.0E-07	1.0E-03	7.4E-10	1.6E-01	5.5E-01	6.3E-11	1.0E+00	2.5E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.4E-10	1.0E+00	5.2E-06
8.0E-07	1.0E-03	8.4E-10	1.6E-01	5.5E-01	7.2E-11	1.2E+00	2.5E-06	1.0E-03	3.3E-09	1.6E-01	5.5E-01	2.8E-10	1.2E+00	5.2E-06
8.0E-07	1.0E-03	9.4E-10	1.6E-01	5.5E-01	8.1E-11	1.4E+00	2.5E-06	1.0E-03	3.8E-09	1.6E-01	5.5E-01	3.2E-10	1.4E+00	5.2E-06
8.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.1E-11	1.6E+00	2.5E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10	1.6E+00	5.2E-06
8.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.0E-10	1.9E+00	2.5E-06	1.0E-03	4.9E-09	1.6E-01	5.5E-01	4.2E-10	1.9E+00	5.2E-06
8.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10	2.1E+00	2.5E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-01	4.6E-10	2.1E+00	5.2E-06
8.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10	2.1E+00	2.5E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-01	4.7E-10	2.1E+00	5.2E-06

8.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10	2.0E+00	2.5E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10	2.0E+00	5.2E-06
8.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.0E-10	1.8E+00	2.5E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.1E-10	1.8E+00	5.2E-06
8.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.2E-11	1.6E+00	2.5E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-01	3.6E-10	1.6E+00	5.2E-06
8.0E-07	1.0E-03	9.4E-10	1.6E-01	5.5E-01	8.1E-11	1.3E+00	2.5E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-01	3.0E-10	1.3E+00	5.2E-06
8.0E-07	1.0E-03	8.2E-10	1.6E-01	5.5E-01	7.0E-11	1.1E+00	2.5E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	1.1E+00	5.2E-06
8.0E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-01	3.7E-11	5.2E-01	2.5E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-01	1.2E-10	5.2E-01	5.2E-06
8.0E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-01	4.6E-11	6.6E-01	2.5E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10	6.6E-01	5.2E-06
8.0E-07	1.0E-03	6.7E-10	1.6E-01	5.5E-01	5.8E-11	8.6E-01	2.5E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-01	1.9E-10	8.6E-01	5.2E-06
8.0E-07	1.0E-03	8.4E-10	1.6E-01	5.5E-01	7.3E-11	1.1E+00	2.5E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	1.1E+00	5.2E-06
8.0E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-01	9.0E-11	1.5E+00	2.5E-06	1.0E-03	3.9E-09	1.6E-01	5.5E-01	3.4E-10	1.5E+00	5.2E-06
8.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.1E-10	1.9E+00	2.5E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-01	4.3E-10	1.9E+00	5.2E-06
8.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.2E-10	2.3E+00	2.5E-06	1.0E-03	6.1E-09	1.6E-01	5.5E-01	5.3E-10	2.3E+00	5.2E-06
8.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.4E-10	2.8E+00	2.5E-06	1.0E-03	7.3E-09	1.6E-01	5.5E-01	6.3E-10	2.8E+00	5.2E-06
8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.6E-10	3.2E+00	2.5E-06	1.0E-03	8.4E-09	1.6E-01	5.5E-01	7.3E-10	3.2E+00	5.2E-06
8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10	3.4E+00	2.5E-06	1.0E-03	8.8E-09	1.6E-01	5.5E-01	7.6E-10	3.4E+00	5.2E-06
8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.6E-10	3.1E+00	2.5E-06	1.0E-03	8.2E-09	1.6E-01	5.5E-01	7.1E-10	3.1E+00	5.2E-06
8.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10	2.7E+00	2.5E-06	1.0E-03	7.1E-09	1.6E-01	5.5E-01	6.1E-10	2.7E+00	5.2E-06
8.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10	2.3E+00	2.5E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-01	5.1E-10	2.3E+00	5.2E-06
8.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10	1.8E+00	2.5E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.2E-10	1.8E+00	5.2E-06
8.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.1E-11	1.5E+00	2.5E-06	1.0E-03	3.9E-09	1.6E-01	5.5E-01	3.4E-10	1.5E+00	5.2E-06
8.0E-07	1.0E-03	8.9E-10	1.6E-01	5.5E-01	7.6E-11	1.2E+00	2.5E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-01	2.7E-10	1.2E+00	5.2E-06
8.0E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-01	4.3E-11	5.9E-01	2.5E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10	5.9E-01	5.2E-06
8.0E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-01	5.6E-11	7.8E-01	2.5E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.8E-10	7.8E-01	5.2E-06
8.0E-07	1.0E-03	8.6E-10	1.6E-01	5.5E-01	7.4E-11	1.1E+00	2.5E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10	1.1E+00	5.2E-06
8.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.0E-10	1.5E+00	2.5E-06	1.0E-03	4.0E-09	1.6E-01	5.5E-01	3.4E-10	1.5E+00	5.2E-06
8.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.4E-10	2.2E+00	2.5E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-01	5.1E-10	2.2E+00	5.2E-06
8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	3.3E+00	2.5E-06	1.0E-03	8.6E-09	1.6E-01	5.5E-01	7.4E-10	3.3E+00	5.2E-06
8.0E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.2E-10	4.5E+00	2.5E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	4.5E+00	5.2E-06
8.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	5.6E+00	2.5E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	5.6E+00	5.2E-06
8.0E-07	1.0E-03	3.3E-09	1.6E-01	5.5E-01	2.8E-10	6.2E+00	2.5E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.4E-09	6.2E+00	5.2E-06
8.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.7E-10	5.6E+00	2.5E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	5.6E+00	5.2E-06
8.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10	4.5E+00	2.5E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	4.5E+00	5.2E-06
8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	3.4E+00	2.5E-06	1.0E-03	9.1E-09	1.6E-01	5.5E-01	7.8E-10	3.4E+00	5.2E-06
8.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.5E-10	2.6E+00	2.5E-06	1.0E-03	6.9E-09	1.6E-01	5.5E-01	5.9E-10	2.6E+00	5.2E-06
8.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-01	1.2E-10	2.0E+00	2.5E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10	2.0E+00	5.2E-06
8.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.7E-11	1.5E+00	2.5E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-01	3.5E-10	1.5E+00	5.2E-06
8.0E-07	1.0E-03	9.2E-10	1.6E-01	5.5E-01	7.9E-11	1.2E+00	2.5E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-01	2.8E-10	1.2E+00	5.2E-06
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8.0E-07	1.0E-03	7.7E-10	1.6E-01	5.5E-01	6.6E-11	8.8E-01	2.5E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	8.8E-01	5.2E-06
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8.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.2E-10	3.5E+00	2.5E-06	1.0E-03	9.1E-09	1.6E-01	5.5E-01	7.8E-10	3.5E+00	5.2E-06
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8.0E-07	1.0E-03	5.5E-09	1.6E-01	5.5E-01	4.8E-10	1.1E+01	2.5E-06	1.0E-03	3.0E-08	1.6E-01	5.5E-01	2.5E-09	1.1E+01	5.2E-06
8.0E-07	1.0E-03	6.6E-09	1.6E-01	5.5E-01	5.7E-10	1.5E+01	2.5E-06	1.0E-03	3.9E-08	1.6E-01	5.5E-01	3.4E-09	1.5E+01	5.2E-06
8.0E-07	1.0E-03	6.0E-09	1.6E-01	5.5E-01	5.2E-10	1.3E+01	2.5E-06	1.0E-03	3.4E-08	1.6E-01	5.5E-01	2.9E-09	1.3E+01	5.2E-06
8.0E-07	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.0E-10	8.7E+00	2.5E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-01	2.0E-09	8.7E+00	5.2E-06
8.0E-07	1.0E-03	3.5E-09	1.6E-01	5.5E-01	3.0E-10	5.7E+00	2.5E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	5.7E+00	5.2E-06
8.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.2E-10	3.9E+00	2.5E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.8E-10	3.9E+00	5.2E-06

8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.7E-10	2.7E+00	2.5E-06	1.0E-03	7.2E-09	1.6E-01	5.5E-01	6.2E-10	2.7E+00	5.2E-06
8.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10	2.0E+00	2.5E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10	2.0E+00	5.2E-06
8.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.8E-11	1.5E+00	2.5E-06	1.0E-03	3.9E-09	1.6E-01	5.5E-01	3.4E-10	1.5E+00	5.2E-06
8.0E-07	1.0E-03	9.0E-10	1.6E-01	5.5E-01	7.7E-11	1.2E+00	2.5E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	1.2E+00	5.2E-06
8.0E-07	1.0E-03	6.2E-10	1.6E-01	5.5E-01	5.4E-11	6.8E-01	2.5E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.5E-10	6.8E-01	5.2E-06
8.0E-07	1.0E-03	8.8E-10	1.6E-01	5.5E-01	7.5E-11	9.5E-01	2.5E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.1E-10	9.5E-01	5.2E-06
8.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.2E-10	1.4E+00	2.5E-06	1.0E-03	3.8E-09	1.6E-01	5.5E-01	3.3E-10	1.4E+00	5.2E-06
8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	2.5E+00	2.5E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-01	5.6E-10	2.5E+00	5.2E-06
8.0E-07	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10	5.0E+00	2.5E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	5.0E+00	5.2E-06
8.0E-07	1.0E-03	9.7E-09	1.6E-01	5.5E-01	8.4E-10	1.4E+01	2.5E-06	1.0E-03	3.7E-08	1.6E-01	5.5E-01	3.2E-09	1.4E+01	5.2E-06
8.0E-07	1.0E-03	2.0E-08	1.6E-01	5.5E-01	1.7E-09	5.4E+01	2.5E-06	1.0E-03	1.4E-07	1.6E-01	5.5E-01	1.2E-08	5.4E+01	5.2E-06
8.0E-07	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.4E-09	6.1E+01	2.5E-06	1.0E-03	1.6E-07	1.6E-01	5.5E-01	1.4E-08	6.1E+01	5.2E-06
8.0E-07	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.7E-10	2.4E+01	2.5E-06	1.0E-03	6.3E-08	1.6E-01	5.5E-01	5.4E-09	2.4E+01	5.2E-06
8.0E-07	1.0E-03	6.1E-09	1.6E-01	5.5E-01	5.3E-10	1.1E+01	2.5E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-01	2.5E-09	1.1E+01	5.2E-06
8.0E-07	1.0E-03	3.9E-09	1.6E-01	5.5E-01	3.4E-10	6.0E+00	2.5E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.4E-09	6.0E+00	5.2E-06
8.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10	3.8E+00	2.5E-06	1.0E-03	9.9E-09	1.6E-01	5.5E-01	8.5E-10	3.8E+00	5.2E-06
8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.6E-10	2.5E+00	2.5E-06	1.0E-03	6.6E-09	1.6E-01	5.5E-01	5.7E-10	2.5E+00	5.2E-06
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8.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.2E-11	1.3E+00	2.5E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-01	3.0E-10	1.3E+00	5.2E-06
8.0E-07	1.0E-03	8.4E-10	1.6E-01	5.5E-01	7.2E-11	1.0E+00	2.5E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10	1.0E+00	5.2E-06
8.0E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-01	5.6E-11	6.9E-01	2.5E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.5E-10	6.9E-01	5.2E-06
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8.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.4E-10	2.6E+00	2.5E-06	1.0E-03	6.7E-09	1.6E-01	5.5E-01	5.8E-10	2.6E+00	5.2E-06
8.0E-07	1.0E-03	6.3E-09	1.6E-01	5.5E-01	5.4E-10	5.5E+00	2.5E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.5E+00	5.2E-06
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8.0E-07	1.0E-03	3.8E-09	1.6E-01	5.5E-01	3.2E-10	5.1E+00	2.5E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.2E-09	5.1E+00	5.2E-06
8.0E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.1E-10	3.2E+00	2.5E-06	1.0E-03	8.3E-09	1.6E-01	5.5E-01	7.2E-10	3.2E+00	5.2E-06
8.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10	2.1E+00	2.5E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-01	4.9E-10	2.1E+00	5.2E-06
8.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10	1.5E+00	2.5E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-01	3.5E-10	1.5E+00	5.2E-06
8.0E-07	1.0E-03	9.5E-10	1.6E-01	5.5E-01	8.2E-11	1.2E+00	2.5E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.6E-10	1.2E+00	5.2E-06
8.0E-07	1.0E-03	7.5E-10	1.6E-01	5.5E-01	6.4E-11	9.0E-01	2.5E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.0E-10	9.0E-01	5.2E-06
8.0E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-01	5.6E-11	6.6E-01	2.5E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10	6.6E-01	5.2E-06
8.0E-07	1.0E-03	9.4E-10	1.6E-01	5.5E-01	8.1E-11	9.1E-01	2.5E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.1E-10	9.1E-01	5.2E-06
8.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10	1.4E+00	2.5E-06	1.0E-03	3.6E-09	1.6E-01	5.5E-01	3.1E-10	1.4E+00	5.2E-06
8.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10	2.2E+00	2.5E-06	1.0E-03	5.8E-09	1.6E-01	5.5E-01	5.0E-10	2.2E+00	5.2E-06
8.0E-07	1.0E-03	6.2E-09	1.6E-01	5.5E-01	5.3E-10	4.1E+00	2.5E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.2E-10	4.1E+00	5.2E-06
8.0E-07	1.0E-03	5.3E-09	1.6E-01	5.5E-01	4.5E-10	6.4E+00	2.5E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09	6.4E+00	5.2E-06
8.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.7E-10	3.9E+00	2.5E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.7E-10	3.9E+00	5.2E-06
8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10	2.5E+00	2.5E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-01	5.6E-10	2.5E+00	5.2E-06
8.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.2E-10	1.8E+00	2.5E-06	1.0E-03	4.6E-09	1.6E-01	5.5E-01	4.0E-10	1.8E+00	5.2E-06
8.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.2E-11	1.3E+00	2.5E-06	1.0E-03	3.4E-09	1.6E-01	5.5E-01	2.9E-10	1.3E+00	5.2E-06
8.0E-07	1.0E-03	8.2E-10	1.6E-01	5.5E-01	7.1E-11	9.9E-01	2.5E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.2E-10	9.9E-01	5.2E-06
8.0E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-01	5.6E-11	7.8E-01	2.5E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	7.8E-01	5.2E-06
8.0E-07	1.0E-03	6.2E-10	1.6E-01	5.5E-01	5.3E-11	6.1E-01	2.5E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.4E-10	6.1E-01	5.2E-06
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8.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10	1.1E+00	2.5E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	1.1E+00	5.2E-06
8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	1.7E+00	2.5E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-01	3.9E-10	1.7E+00	5.2E-06
8.0E-07	1.0E-03	4.1E-09	1.6E-01	5.5E-01	3.5E-10	2.7E+00	2.5E-06	1.0E-03	7.1E-09	1.6E-01	5.5E-01	6.1E-10	2.7E+00	5.2E-06

8.0E-07	1.0E-03	3.7E-09	1.6E-01	5.5E-01	3.2E-10	4.2E+00	2.5E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.4E-10	4.2E+00	5.2E-06
8.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.0E-10	2.8E+00	2.5E-06	1.0E-03	7.5E-09	1.6E-01	5.5E-01	6.4E-10	2.8E+00	5.2E-06
8.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.4E-10	2.0E+00	2.5E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10	2.0E+00	5.2E-06
8.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.0E-10	1.5E+00	2.5E-06	1.0E-03	3.9E-09	1.6E-01	5.5E-01	3.4E-10	1.5E+00	5.2E-06
8.0E-07	1.0E-03	9.1E-10	1.6E-01	5.5E-01	7.9E-11	1.1E+00	2.5E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-01	2.5E-10	1.1E+00	5.2E-06
8.0E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-01	6.1E-11	8.7E-01	2.5E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	8.7E-01	5.2E-06
8.0E-07	1.0E-03	5.7E-10	1.6E-01	5.5E-01	4.9E-11	6.9E-01	2.5E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.6E-10	6.9E-01	5.2E-06
8.0E-07	1.0E-03	5.6E-10	1.6E-01	5.5E-01	4.8E-11	5.4E-01	2.5E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-01	1.2E-10	5.4E-01	5.2E-06
8.0E-07	1.0E-03	7.5E-10	1.6E-01	5.5E-01	6.5E-11	7.0E-01	2.5E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.6E-10	7.0E-01	5.2E-06
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8.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.2E-10	1.9E+00	2.5E-06	1.0E-03	4.9E-09	1.6E-01	5.5E-01	4.2E-10	1.9E+00	5.2E-06
8.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10	3.0E+00	2.5E-06	1.0E-03	7.8E-09	1.6E-01	5.5E-01	6.7E-10	3.0E+00	5.2E-06
8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.6E-10	2.2E+00	2.5E-06	1.0E-03	5.8E-09	1.6E-01	5.5E-01	5.0E-10	2.2E+00	5.2E-06
8.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.2E-10	1.6E+00	2.5E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10	1.6E+00	5.2E-06
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8.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.0E-10	1.0E+00	2.5E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.3E-10	1.0E+00	5.2E-06
8.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10	1.4E+00	2.5E-06	1.0E-03	3.6E-09	1.6E-01	5.5E-01	3.1E-10	1.4E+00	5.2E-06
8.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.1E-10	1.8E+00	2.5E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.1E-10	1.8E+00	5.2E-06
8.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	2.2E+00	2.5E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-01	5.1E-10	2.2E+00	5.2E-06
8.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	2.5E+00	2.5E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-01	5.6E-10	2.5E+00	5.2E-06
8.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.3E-10	2.4E+00	2.5E-06	1.0E-03	6.3E-09	1.6E-01	5.5E-01	5.5E-10	2.4E+00	5.2E-06
8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	2.1E+00	2.5E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-01	4.8E-10	2.1E+00	5.2E-06
8.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.3E-10	1.7E+00	2.5E-06	1.0E-03	4.6E-09	1.6E-01	5.5E-01	3.9E-10	1.7E+00	5.2E-06
8.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.6E-11	1.3E+00	2.5E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-01	3.0E-10	1.3E+00	5.2E-06
8.0E-07	1.0E-03	8.6E-10	1.6E-01	5.5E-01	7.4E-11	1.1E+00	2.5E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10	1.1E+00	5.2E-06
8.0E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-01	6.1E-11	8.7E-01	2.5E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	8.7E-01	5.2E-06
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8.0E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-01	4.0E-11	5.7E-01	2.5E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10	5.7E-01	5.2E-06
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8.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.1E-10	1.0E+00	2.5E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10	1.0E+00	5.2E-06
8.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.3E-10	1.3E+00	2.5E-06	1.0E-03	3.4E-09	1.6E-01	5.5E-01	2.9E-10	1.3E+00	5.2E-06
8.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.6E-10	1.5E+00	2.5E-06	1.0E-03	4.0E-09	1.6E-01	5.5E-01	3.4E-10	1.5E+00	5.2E-06
8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.7E-10	1.7E+00	2.5E-06	1.0E-03	4.4E-09	1.6E-01	5.5E-01	3.8E-10	1.7E+00	5.2E-06
8.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.5E-10	1.7E+00	2.5E-06	1.0E-03	4.4E-09	1.6E-01	5.5E-01	3.8E-10	1.7E+00	5.2E-06
8.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10	1.6E+00	2.5E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-01	3.5E-10	1.6E+00	5.2E-06
8.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.1E-10	1.4E+00	2.5E-06	1.0E-03	3.6E-09	1.6E-01	5.5E-01	3.1E-10	1.4E+00	5.2E-06
8.0E-07	1.0E-03	9.9E-10	1.6E-01	5.5E-01	8.5E-11	1.1E+00	2.5E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	1.1E+00	5.2E-06
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8.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10	1.2E+00	2.5E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.7E-10	1.2E+00	5.2E-06
8.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10	1.2E+00	2.5E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-01	2.8E-10	1.2E+00	5.2E-06
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8.0E-07	1.0E-03	9.5E-10	1.6E-01	5.5E-01	8.2E-11	1.0E+00	2.5E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10	1.0E+00	5.2E-06
8.0E-07	1.0E-03	8.1E-10	1.6E-01	5.5E-01	6.9E-11	9.0E-01	2.5E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.0E-10	9.0E-01	5.2E-06
8.0E-07	1.0E-03	6.7E-10	1.6E-01	5.5E-01	5.7E-11	7.8E-01	2.5E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.8E-10	7.8E-01	5.2E-06
8.0E-07	1.0E-03	5.4E-10	1.6E-01	5.5E-01	4.6E-11	6.4E-01	2.5E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10	6.4E-01	5.2E-06
8.0E-07	1.0E-03	4.7E-10	1.6E-01	5.5E-01	4.1E-11	5.7E-01	2.5E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10	5.7E-01	5.2E-06
8.0E-07	1.0E-03	4.0E-10	1.6E-01	5.5E-01	3.4E-11	4.9E-01	2.5E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10	4.9E-01	5.2E-06
8.0E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-01	2.7E-11	3.2E-01	2.5E-06	1.0E-03	8.4E-10	1.6E-01	5.5E-01	7.2E-11	3.2E-01	5.2E-06
8.0E-07	1.0E-03	3.8E-10	1.6E-01	5.5E-01	3.3E-11	3.7E-01	2.5E-06	1.0E-03	9.8E-10	1.6E-01	5.5E-01	8.5E-11	3.7E-01	5.2E-06
8.0E-07	1.0E-03	4.7E-10	1.6E-01	5.5E-01	4.0E-11	4.5E-01	2.5E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.0E-10	4.5E-01	5.2E-06
8.0E-07	1.0E-03	5.7E-10	1.6E-01	5.5E-01	4.9E-11	5.3E-01	2.5E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-01	1.2E-10	5.3E-01	5.2E-06
8.0E-07	1.0E-03	6.9E-10	1.6E-01	5.5E-01	5.9E-11	6.4E-01	2.5E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.4E-10	6.4E-01	5.2E-06
8.0E-07	1.0E-03	8.1E-10	1.6E-01	5.5E-01	7.0E-11	7.4E-01	2.5E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.7E-10	7.4E-01	5.2E-06
8.0E-07	1.0E-03	9.1E-10	1.6E-01	5.5E-01	7.8E-11	8.4E-01	2.5E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	8.4E-01	5.2E-06
8.0E-07	1.0E-03	9.5E-10	1.6E-01	5.5E-01	8.2E-11	9.0E-01	2.5E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.0E-10	9.0E-01	5.2E-06
8.0E-07	1.0E-03	9.4E-10	1.6E-01	5.5E-01	8.1E-11	9.2E-01	2.5E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.1E-10	9.2E-01	5.2E-06
8.0E-07	1.0E-03	8.8E-10	1.6E-01	5.5E-01	7.6E-11	8.9E-01	2.5E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	8.9E-01	5.2E-06
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8.0E-07	1.0E-03	6.0E-10	1.6E-01	5.5E-01	5.2E-11	6.8E-01	2.5E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.5E-10	6.8E-01	5.2E-06
8.0E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-01	4.1E-11	5.6E-01	2.5E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10	5.6E-01	5.2E-06
8.0E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-01	3.5E-11	4.9E-01	2.5E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10	4.9E-01	5.2E-06
8.0E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-01	3.2E-11	4.5E-01	2.5E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.0E-10	4.5E-01	5.2E-06
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8.0E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-01	2.7E-11	3.8E-01	2.5E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-01	8.6E-11	3.8E-01	5.2E-06
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8.0E-07	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.7E-09	7.0E+01	2.5E-06	1.0E-03	1.8E-07	1.6E-01	5.5E-01	1.6E-08	7.0E+01	5.2E-06
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8.0E-07	1.0E-03	9.1E-09	1.6E-01	5.5E-01	7.9E-10	2.0E+01	2.5E-06	1.0E-03	5.3E-08	1.6E-01	5.5E-01	4.5E-09	2.0E+01	5.2E-06
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8.0E-07	1.0E-03	6.8E-09	1.6E-01	5.5E-01	5.8E-10	1.3E+01	2.5E-06	1.0E-03	3.3E-08	1.6E-01	5.5E-01	2.8E-09	1.3E+01	5.2E-06
8.0E-07	1.0E-03	6.1E-09	1.6E-01	5.5E-01	5.3E-10	1.1E+01	2.5E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-01	2.5E-09	1.1E+01	5.2E-06
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8.0E-07	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.0E-10	7.5E+00	2.5E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-01	1.7E-09	7.5E+00	5.2E-06
8.0E-07	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10	6.7E+00	2.5E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.5E-09	6.7E+00	5.2E-06
8.0E-07	1.0E-03	3.9E-09	1.6E-01	5.5E-01	3.4E-10	6.0E+00	2.5E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.4E-09	6.0E+00	5.2E-06
8.0E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	1.6E+01	2.5E-06	1.0E-03	4.3E-08	1.6E-01	5.5E-01	3.7E-09	1.6E+01	5.2E-06
8.0E-07	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	2.2E+01	2.5E-06	1.0E-03	5.7E-08	1.6E-01	5.5E-01	4.9E-09	2.2E+01	5.2E-06
8.0E-07	1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.5E-09	3.0E+01	2.5E-06	1.0E-03	7.9E-08	1.6E-01	5.5E-01	6.8E-09	3.0E+01	5.2E-06
8.0E-07	1.0E-03	2.2E-08	1.6E-01	5.5E-01	1.9E-09	4.3E+01	2.5E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-01	9.7E-09	4.3E+01	5.2E-06
8.0E-07	1.0E-03	2.6E-08	1.6E-01	5.5E-01	2.2E-09	1.5E+01	2.5E-06	1.0E-03	4.0E-08	1.6E-01	5.5E-01	3.5E-09	1.5E+01	5.2E-06
8.0E-07	1.0E-03	2.8E-08	1.6E-01	5.5E-01	2.4E-09	2.2E+01	2.5E-06	1.0E-03	5.7E-08	1.6E-01	5.5E-01	4.9E-09	2.2E+01	5.2E-06
8.0E-07	1.0E-03	2.9E-08	1.6E-01	5.5E-01	2.5E-09	3.2E+01	2.5E-06	1.0E-03	8.3E-08	1.6E-01	5.5E-01	7.2E-09	3.2E+01	5.2E-06
8.0E-07	1.0E-03	2.8E-08	1.6E-01	5.5E-01	2.4E-09	4.6E+01	2.5E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-01	1.0E-08	4.6E+01	5.2E-06
8.0E-07	1.0E-03	2.5E-08	1.6E-01	5.5E-01	2.2E-09	4.7E+01	2.5E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-01	1.1E-08	4.7E+01	5.2E-06
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8.0E-07	1.0E-03	2.0E-08	1.6E-01	5.5E-01	1.7E-09	2.6E+01	2.5E-06	1.0E-03	6.9E-08	1.6E-01	5.5E-01	6.0E-09	2.6E+01	5.2E-06
8.0E-07	1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.5E-09	6.8E+01	2.5E-06	1.0E-03	1.8E-07	1.6E-01	5.5E-01	1.5E-08	6.8E+01	5.2E-06
8.0E-07	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.3E-09	5.2E+01	2.5E-06	1.0E-03	1.4E-07	1.6E-01	5.5E-01	1.2E-08	5.2E+01	5.2E-06
8.0E-07	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	4.0E+01	2.5E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-01	9.0E-09	4.0E+01	5.2E-06
8.0E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.1E-09	3.2E+01	2.5E-06	1.0E-03	8.3E-08	1.6E-01	5.5E-01	7.1E-09	3.2E+01	5.2E-06
8.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.4E-10	2.6E+01	2.5E-06	1.0E-03	6.7E-08	1.6E-01	5.5E-01	5.8E-09	2.6E+01	5.2E-06
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8.0E-07	1.0E-03	7.0E-09	1.6E-01	5.5E-01	6.0E-10	1.3E+01	2.5E-06	1.0E-03	3.3E-08	1.6E-01	5.5E-01	2.9E-09	1.3E+01	5.2E-06
8.0E-07	1.0E-03	6.3E-09	1.6E-01	5.5E-01	5.4E-10	1.1E+01	2.5E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-01	2.5E-09	1.1E+01	5.2E-06
8.0E-07	1.0E-03	5.7E-09	1.6E-01	5.5E-01	4.9E-10	9.6E+00	2.5E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-01	2.2E-09	9.6E+00	5.2E-06
8.0E-07	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10	8.4E+00	2.5E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-01	1.9E-09	8.4E+00	5.2E-06
8.0E-07	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.1E-10	7.4E+00	2.5E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-01	1.7E-09	7.4E+00	5.2E-06
8.0E-07	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10	6.6E+00	2.5E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09	6.6E+00	5.2E-06
8.0E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-01	3.4E-10	5.9E+00	2.5E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.3E-09	5.9E+00	5.2E-06
8.0E-07	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	1.8E+01	2.5E-06	1.0E-03	4.7E-08	1.6E-01	5.5E-01	4.1E-09	1.8E+01	5.2E-06
8.0E-07	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.6E-09	2.5E+01	2.5E-06	1.0E-03	6.5E-08	1.6E-01	5.5E-01	5.6E-09	2.5E+01	5.2E-06
8.0E-07	1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.1E-09	3.7E+01	2.5E-06	1.0E-03	9.6E-08	1.6E-01	5.5E-01	8.3E-09	3.7E+01	5.2E-06
8.0E-07	1.0E-03	3.2E-08	1.6E-01	5.5E-01	2.7E-09	5.7E+01	2.5E-06	1.0E-03	1.5E-07	1.6E-01	5.5E-01	1.3E-08	5.7E+01	5.2E-06
8.0E-07	1.0E-03	4.0E-08	1.6E-01	5.5E-01	3.4E-09	1.8E+01	2.5E-06	1.0E-03	4.7E-08	1.6E-01	5.5E-01	4.1E-09	1.8E+01	5.2E-06
8.0E-07	1.0E-03	4.5E-08	1.6E-01	5.5E-01	3.9E-09	2.7E+01	2.5E-06	1.0E-03	7.1E-08	1.6E-01	5.5E-01	6.1E-09	2.7E+01	5.2E-06
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8.0E-07	1.0E-03	3.9E-08	1.6E-01	5.5E-01	3.4E-09	0.0E+00	2.5E-06	1.0E-03	0.0E+00	1.6E-01	5.5E-01	0.0E+00	0.0E+00	5.2E-06
8.0E-07	1.0E-03	3.3E-08	1.6E-01	5.5E-01	2.9E-09	0.0E+00	2.5E-06	1.0E-03	0.0E+00	1.6E-01	5.5E-01	0.0E+00	0.0E+00	5.2E-06
8.0E-07	1.0E-03	2.8E-08	1.6E-01	5.5E-01	2.4E-09	4.3E+01	2.5E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-01	9.8E-09	4.3E+01	5.2E-06
8.0E-07	1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.0E-09	3.0E+01	2.5E-06	1.0E-03	7.9E-08	1.6E-01	5.5E-01	6.8E-09	3.0E+01	5.2E-06
8.0E-07	1.0E-03	2.0E-08	1.6E-01	5.5E-01	1.8E-09	2.2E+01	2.5E-06	1.0E-03	5.9E-08	1.6E-01	5.5E-01	5.1E-09	2.2E+01	5.2E-06
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8.0E-07	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	4.4E+01	2.5E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-01	1.0E-08	4.4E+01	5.2E-06
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8.0E-07	1.0E-03	9.1E-09	1.6E-01	5.5E-01	7.8E-10	1.8E+01	2.5E-06	1.0E-03	4.7E-08	1.6E-01	5.5E-01	4.0E-09	1.8E+01	5.2E-06
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8.0E-07	1.0E-03	7.2E-09	1.6E-01	5.5E-01	6.2E-10	1.3E+01	2.5E-06	1.0E-03	3.3E-08	1.6E-01	5.5E-01	2.9E-09	1.3E+01	5.2E-06
8.0E-07	1.0E-03	6.4E-09	1.6E-01	5.5E-01	5.6E-10	1.1E+01	2.5E-06	1.0E-03	2.8E-08	1.6E-01	5.5E-01	2.5E-09	1.1E+01	5.2E-06
8.0E-07	1.0E-03	5.8E-09	1.6E-01	5.5E-01	5.0E-10	9.4E+00	2.5E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-01	2.1E-09	9.4E+00	5.2E-06
8.0E-07	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10	8.2E+00	2.5E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-01	1.9E-09	8.2E+00	5.2E-06
8.0E-07	1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.1E-10	7.3E+00	2.5E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.6E-09	7.3E+00	5.2E-06
8.0E-07	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10	6.5E+00	2.5E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09	6.5E+00	5.2E-06
8.0E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-01	3.4E-10	5.8E+00	2.5E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	5.8E+00	5.2E-06
8.0E-07	1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.5E-09	1.9E+01	2.5E-06	1.0E-03	5.0E-08	1.6E-01	5.5E-01	4.3E-09	1.9E+01	5.2E-06
8.0E-07	1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.1E-09	2.7E+01	2.5E-06	1.0E-03	7.1E-08	1.6E-01	5.5E-01	6.1E-09	2.7E+01	5.2E-06
8.0E-07	1.0E-03	3.3E-08	1.6E-01	5.5E-01	2.9E-09	4.1E+01	2.5E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-01	9.3E-09	4.1E+01	5.2E-06
8.0E-07	1.0E-03	4.8E-08	1.6E-01	5.5E-01	4.1E-09	1.3E+01	2.5E-06	1.0E-03	3.4E-08	1.6E-01	5.5E-01	3.0E-09	1.3E+01	5.2E-06
8.0E-07	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.6E-09	2.0E+01	2.5E-06	1.0E-03	5.2E-08	1.6E-01	5.5E-01	4.5E-09	2.0E+01	5.2E-06
8.0E-07	1.0E-03	2.1E-08	1.6E-01	5.5E-01	1.8E-09	3.1E+01	2.5E-06	1.0E-03	8.2E-08	1.6E-01	5.5E-01	7.0E-09	3.1E+01	5.2E-06
8.0E-07	1.0E-03	2.1E-08	1.6E-01	5.5E-01	1.8E-09	0.0E+00	2.5E-06	1.0E-03	0.0E+00	1.6E-01	5.5E-01	0.0E+00	0.0E+00	5.2E-06
8.0E-07	1.0E-03	5.7E-08	1.6E-01	5.5E-01	4.9E-09	0.0E+00	2.5E-06	1.0E-03	0.0E+00	1.6E-01	5.5E-01	0.0E+00	0.0E+00	5.2E-06
8.0E-07	1.0E-03	4.3E-08	1.6E-01	5.5E-01	3.7E-09	0.0E+00	2.5E-06	1.0E-03	0.0E+00	1.6E-01	5.5E-01	0.0E+00	0.0E+00	5.2E-06
8.0E-07	1.0E-03	3.4E-08	1.6E-01	5.5E-01	2.9E-09	5.0E+01	2.5E-06	1.0E-03	1.3E-07	1.6E-01	5.5E-01	1.1E-08	5.0E+01	5.2E-06
8.0E-07	1.0E-03	2.8E-08	1.6E-01	5.5E-01	2.4E-09	3.2E+01	2.5E-06	1.0E-03	8.4E-08	1.6E-01	5.5E-01	7.3E-09	3.2E+01	5.2E-06
8.0E-07	1.0E-03	2.3E-08	1.6E-01	5.5E-01	2.0E-09	2.3E+01	2.5E-06	1.0E-03	6.1E-08	1.6E-01	5.5E-01	5.2E-09	2.3E+01	5.2E-06
8.0E-07	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.7E-09	6.8E+01	2.5E-06	1.0E-03	1.8E-07	1.6E-01	5.5E-01	1.5E-08	6.8E+01	5.2E-06
8.0E-07	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.4E-09	4.6E+01	2.5E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-01	1.1E-08	4.6E+01	5.2E-06
8.0E-07	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	3.4E+01	2.5E-06	1.0E-03	9.0E-08	1.6E-01	5.5E-01	7.8E-09	3.4E+01	5.2E-06
8.0E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.1E-09	2.7E+01	2.5E-06	1.0E-03	7.0E-08	1.6E-01	5.5E-01	6.0E-09	2.7E+01	5.2E-06
8.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.2E-10	2.1E+01	2.5E-06	1.0E-03	5.6E-08	1.6E-01	5.5E-01	4.9E-09	2.1E+01	5.2E-06
8.0E-07	1.0E-03	9.4E-09	1.6E-01	5.5E-01	8.1E-10	1.8E+01	2.5E-06	1.0E-03	4.6E-08	1.6E-01	5.5E-01	4.0E-09	1.8E+01	5.2E-06
8.0E-07	1.0E-03	8.3E-09	1.6E-01	5.5E-01	7.1E-10	1.5E+01	2.5E-06	1.0E-03	3.8E-08	1.6E-01	5.5E-01	3.3E-09	1.5E+01	5.2E-06
8.0E-07	1.0E-03	7.3E-09	1.6E-01	5.5E-01	6.3E-10	1.2E+01	2.5E-06	1.0E-03	3.2E-08	1.6E-01	5.5E-01	2.8E-09	1.2E+01	5.2E-06
8.0E-07	1.0E-03	6.5E-09	1.6E-01	5.5E-01	5.6E-10	1.1E+01	2.5E-06	1.0E-03	2.8E-08	1.6E-01	5.5E-01	2.4E-09	1.1E+01	5.2E-06
8.0E-07	1.0E-03	5.8E-09	1.6E-01	5.5E-01	5.0E-10	9.2E+00	2.5E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.1E-09	9.2E+00	5.2E-06
8.0E-07	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10	8.0E+00	2.5E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-01	1.8E-09	8.0E+00	5.2E-06
8.0E-07	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.1E-10	7.0E+00	2.5E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.6E-09	7.0E+00	5.2E-06
8.0E-07	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10	6.3E+00	2.5E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.4E-09	6.3E+00	5.2E-06
8.0E-07	1.0E-03	3.9E-09	1.6E-01	5.5E-01	3.4E-10	5.6E+00	2.5E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	5.6E+00	5.2E-06
8.0E-07	1.0E-03	2.1E-08	1.6E-01	5.5E-01	1.8E-09	1.9E+01	2.5E-06	1.0E-03	5.0E-08	1.6E-01	5.5E-01	4.3E-09	1.9E+01	5.2E-06
8.0E-07	1.0E-03	3.0E-08	1.6E-01	5.5E-01	2.5E-09	2.7E+01	2.5E-06	1.0E-03	7.2E-08	1.6E-01	5.5E-01	6.2E-09	2.7E+01	5.2E-06
8.0E-07	1.0E-03	4.4E-08	1.6E-01	5.5E-01	3.8E-09	4.2E+01	2.5E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-01	9.4E-09	4.2E+01	5.2E-06
8.0E-07	1.0E-03	2.3E-08	1.6E-01	5.5E-01	2.0E-09	1.3E+01	2.5E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-01	3.0E-09	1.3E+01	5.2E-06
8.0E-07	1.0E-03	2.8E-08	1.6E-01	5.5E-01	2.4E-09	2.0E+01	2.5E-06	1.0E-03	5.2E-08	1.6E-01	5.5E-01	4.5E-09	2.0E+01	5.2E-06
8.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.4E-10	2.1E+01	2.5E-06	1.0E-03	5.4E-08	1.6E-01	5.5E-01	4.7E-09	2.1E+01	5.2E-06
8.0E-07	1.0E-03	9.5E-09	1.6E-01	5.5E-01	8.2E-10	1.7E+01	2.5E-06	1.0E-03	4.4E-08	1.6E-01	5.5E-01	3.8E-09	1.7E+01	5.2E-06
8.0E-07	1.0E-03	8.3E-09	1.6E-01	5.5E-01	7.2E-10	1.4E+01	2.5E-06	1.0E-03	3.7E-08	1.6E-01	5.5E-01	3.2E-09	1.4E+01	5.2E-06
8.0E-07	1.0E-03	7.3E-09	1.6E-01	5.5E-01	6.3E-10	1.2E+01	2.5E-06	1.0E-03	3.1E-08	1.6E-01	5.5E-01	2.7E-09	1.2E+01	5.2E-06
8.0E-07	1.0E-03	6.5E-09	1.6E-01	5.5E-01	5.6E-10	1.0E+01	2.5E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-01	2.3E-09	1.0E+01	5.2E-06

8.0E-07	1.0E-03	5.8E-09	1.6E-01	5.5E-01	5.0E-10	8.8E+00	2.5E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-01	2.0E-09	8.8E+00	5.2E-06
8.0E-07	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10	7.7E+00	2.5E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-01	1.7E-09	7.7E+00	5.2E-06
8.0E-07	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.0E-10	6.8E+00	2.5E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.5E-09	6.8E+00	5.2E-06
8.0E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-01	3.7E-10	6.0E+00	2.5E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.4E-09	6.0E+00	5.2E-06
8.0E-07	1.0E-03	3.9E-09	1.6E-01	5.5E-01	3.3E-10	5.4E+00	2.5E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.4E+00	5.2E-06
8.0E-07	1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.0E-09	1.8E+01	2.5E-06	1.0E-03	4.8E-08	1.6E-01	5.5E-01	4.1E-09	1.8E+01	5.2E-06
8.0E-07	1.0E-03	3.5E-08	1.6E-01	5.5E-01	3.0E-09	2.6E+01	2.5E-06	1.0E-03	6.7E-08	1.6E-01	5.5E-01	5.8E-09	2.6E+01	5.2E-06
8.0E-07	1.0E-03	5.4E-08	1.6E-01	5.5E-01	4.6E-09	3.8E+01	2.5E-06	1.0E-03	9.9E-08	1.6E-01	5.5E-01	8.5E-09	3.8E+01	5.2E-06
8.0E-07	1.0E-03	3.5E-08	1.6E-01	5.5E-01	3.0E-09	1.2E+01	2.5E-06	1.0E-03	3.3E-08	1.6E-01	5.5E-01	2.8E-09	1.2E+01	5.2E-06
8.0E-07	1.0E-03	4.7E-08	1.6E-01	5.5E-01	4.1E-09	1.8E+01	2.5E-06	1.0E-03	4.8E-08	1.6E-01	5.5E-01	4.2E-09	1.8E+01	5.2E-06
8.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.5E-10	1.9E+01	2.5E-06	1.0E-03	5.0E-08	1.6E-01	5.5E-01	4.3E-09	1.9E+01	5.2E-06
8.0E-07	1.0E-03	9.5E-09	1.6E-01	5.5E-01	8.2E-10	1.6E+01	2.5E-06	1.0E-03	4.1E-08	1.6E-01	5.5E-01	3.6E-09	1.6E+01	5.2E-06
8.0E-07	1.0E-03	8.3E-09	1.6E-01	5.5E-01	7.1E-10	1.3E+01	2.5E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-01	3.0E-09	1.3E+01	5.2E-06
8.0E-07	1.0E-03	7.3E-09	1.6E-01	5.5E-01	6.3E-10	1.1E+01	2.5E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-01	2.5E-09	1.1E+01	5.2E-06
8.0E-07	1.0E-03	6.4E-09	1.6E-01	5.5E-01	5.5E-10	9.6E+00	2.5E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-01	2.2E-09	9.6E+00	5.2E-06
8.0E-07	1.0E-03	5.7E-09	1.6E-01	5.5E-01	4.9E-10	8.3E+00	2.5E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-01	1.9E-09	8.3E+00	5.2E-06
8.0E-07	1.0E-03	5.1E-09	1.6E-01	5.5E-01	4.4E-10	7.3E+00	2.5E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.6E-09	7.3E+00	5.2E-06
8.0E-07	1.0E-03	4.6E-09	1.6E-01	5.5E-01	4.0E-10	6.4E+00	2.5E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09	6.4E+00	5.2E-06
8.0E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-01	3.6E-10	5.7E+00	2.5E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	5.7E+00	5.2E-06
8.0E-07	1.0E-03	3.8E-09	1.6E-01	5.5E-01	3.2E-10	5.1E+00	2.5E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.2E-09	5.1E+00	5.2E-06
8.0E-07	1.0E-03	2.6E-08	1.6E-01	5.5E-01	2.2E-09	1.6E+01	2.5E-06	1.0E-03	4.3E-08	1.6E-01	5.5E-01	3.7E-09	1.6E+01	5.2E-06
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8.0E-07	1.0E-03	5.9E-08	1.6E-01	5.5E-01	5.1E-09	3.1E+01	2.5E-06	1.0E-03	8.1E-08	1.6E-01	5.5E-01	7.0E-09	3.1E+01	5.2E-06
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8.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.4E-10	1.7E+01	2.5E-06	1.0E-03	4.5E-08	1.6E-01	5.5E-01	3.9E-09	1.7E+01	5.2E-06
8.0E-07	1.0E-03	9.4E-09	1.6E-01	5.5E-01	8.1E-10	1.4E+01	2.5E-06	1.0E-03	3.8E-08	1.6E-01	5.5E-01	3.3E-09	1.4E+01	5.2E-06
8.0E-07	1.0E-03	8.2E-09	1.6E-01	5.5E-01	7.0E-10	1.2E+01	2.5E-06	1.0E-03	3.2E-08	1.6E-01	5.5E-01	2.7E-09	1.2E+01	5.2E-06
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8.0E-07	1.0E-03	6.3E-09	1.6E-01	5.5E-01	5.4E-10	9.0E+00	2.5E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.0E-09	9.0E+00	5.2E-06
8.0E-07	1.0E-03	5.6E-09	1.6E-01	5.5E-01	4.8E-10	7.8E+00	2.5E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-01	1.8E-09	7.8E+00	5.2E-06
8.0E-07	1.0E-03	5.0E-09	1.6E-01	5.5E-01	4.3E-10	6.9E+00	2.5E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.6E-09	6.9E+00	5.2E-06
8.0E-07	1.0E-03	4.5E-09	1.6E-01	5.5E-01	3.8E-10	6.1E+00	2.5E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.4E-09	6.1E+00	5.2E-06
8.0E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-01	3.5E-10	5.4E+00	2.5E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.4E+00	5.2E-06
8.0E-07	1.0E-03	3.7E-09	1.6E-01	5.5E-01	3.2E-10	4.9E+00	2.5E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	4.9E+00	5.2E-06
8.0E-07	1.0E-03	2.7E-08	1.6E-01	5.5E-01	2.3E-09	1.5E+01	2.5E-06	1.0E-03	3.8E-08	1.6E-01	5.5E-01	3.3E-09	1.5E+01	5.2E-06
8.0E-07	1.0E-03	3.9E-08	1.6E-01	5.5E-01	3.4E-09	1.9E+01	2.5E-06	1.0E-03	4.9E-08	1.6E-01	5.5E-01	4.2E-09	1.9E+01	5.2E-06
8.0E-07	1.0E-03	6.2E-08	1.6E-01	5.5E-01	5.3E-09	2.5E+01	2.5E-06	1.0E-03	6.5E-08	1.6E-01	5.5E-01	5.6E-09	2.5E+01	5.2E-06
8.0E-07	1.0E-03	5.2E-08	1.6E-01	5.5E-01	4.5E-09	3.3E+01	2.5E-06	1.0E-03	8.6E-08	1.6E-01	5.5E-01	7.4E-09	3.3E+01	5.2E-06
8.0E-07	1.0E-03	2.8E-08	1.6E-01	5.5E-01	2.4E-09	4.4E+01	2.5E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-01	9.9E-09	4.4E+01	5.2E-06
8.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.1E-10	1.5E+01	2.5E-06	1.0E-03	4.0E-08	1.6E-01	5.5E-01	3.5E-09	1.5E+01	5.2E-06
8.0E-07	1.0E-03	9.1E-09	1.6E-01	5.5E-01	7.9E-10	1.3E+01	2.5E-06	1.0E-03	3.4E-08	1.6E-01	5.5E-01	2.9E-09	1.3E+01	5.2E-06
8.0E-07	1.0E-03	7.9E-09	1.6E-01	5.5E-01	6.8E-10	1.1E+01	2.5E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-01	2.5E-09	1.1E+01	5.2E-06
8.0E-07	1.0E-03	6.9E-09	1.6E-01	5.5E-01	6.0E-10	9.6E+00	2.5E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-01	2.2E-09	9.6E+00	5.2E-06
8.0E-07	1.0E-03	6.1E-09	1.6E-01	5.5E-01	5.3E-10	8.3E+00	2.5E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-01	1.9E-09	8.3E+00	5.2E-06
8.0E-07	1.0E-03	5.4E-09	1.6E-01	5.5E-01	4.7E-10	7.3E+00	2.5E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.6E-09	7.3E+00	5.2E-06
8.0E-07	1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.2E-10	6.4E+00	2.5E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09	6.4E+00	5.2E-06
8.0E-07	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10	5.7E+00	2.5E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	5.7E+00	5.2E-06
8.0E-07	1.0E-03	3.9E-09	1.6E-01	5.5E-01	3.4E-10	5.1E+00	2.5E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.2E-09	5.1E+00	5.2E-06

8.0E-07	1.0E-03	3.5E-09	1.6E-01	5.5E-01	3.0E-10	4.6E+00	2.5E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	4.6E+00	5.2E-06
8.0E-07	1.0E-03	2.7E-08	1.6E-01	5.5E-01	2.3E-09	1.3E+01	2.5E-06	1.0E-03	3.3E-08	1.6E-01	5.5E-01	2.8E-09	1.3E+01	5.2E-06
8.0E-07	1.0E-03	3.9E-08	1.6E-01	5.5E-01	3.4E-09	1.6E+01	2.5E-06	1.0E-03	4.1E-08	1.6E-01	5.5E-01	3.5E-09	1.6E+01	5.2E-06
8.0E-07	1.0E-03	6.1E-08	1.6E-01	5.5E-01	5.3E-09	2.0E+01	2.5E-06	1.0E-03	5.1E-08	1.6E-01	5.5E-01	4.4E-09	2.0E+01	5.2E-06
8.0E-07	1.0E-03	5.2E-08	1.6E-01	5.5E-01	4.5E-09	2.4E+01	2.5E-06	1.0E-03	6.4E-08	1.6E-01	5.5E-01	5.5E-09	2.4E+01	5.2E-06
8.0E-07	1.0E-03	2.5E-08	1.6E-01	5.5E-01	2.1E-09	3.0E+01	2.5E-06	1.0E-03	8.0E-08	1.6E-01	5.5E-01	6.9E-09	3.0E+01	5.2E-06
8.0E-07	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.8E-10	1.3E+01	2.5E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-01	3.0E-09	1.3E+01	5.2E-06
8.0E-07	1.0E-03	8.8E-09	1.6E-01	5.5E-01	7.6E-10	1.2E+01	2.5E-06	1.0E-03	3.0E-08	1.6E-01	5.5E-01	2.6E-09	1.2E+01	5.2E-06
8.0E-07	1.0E-03	7.6E-09	1.6E-01	5.5E-01	6.5E-10	1.0E+01	2.5E-06	1.0E-03	2.6E-08	1.6E-01	5.5E-01	2.3E-09	1.0E+01	5.2E-06
8.0E-07	1.0E-03	6.7E-09	1.6E-01	5.5E-01	5.7E-10	8.7E+00	2.5E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-01	2.0E-09	8.7E+00	5.2E-06
8.0E-07	1.0E-03	5.9E-09	1.6E-01	5.5E-01	5.0E-10	7.7E+00	2.5E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-01	1.7E-09	7.7E+00	5.2E-06
8.0E-07	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10	6.8E+00	2.5E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.5E-09	6.8E+00	5.2E-06
8.0E-07	1.0E-03	4.6E-09	1.6E-01	5.5E-01	4.0E-10	6.0E+00	2.5E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.4E-09	6.0E+00	5.2E-06
8.0E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-01	3.6E-10	5.3E+00	2.5E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.3E+00	5.2E-06
8.0E-07	1.0E-03	3.7E-09	1.6E-01	5.5E-01	3.2E-10	4.8E+00	2.5E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	4.8E+00	5.2E-06
8.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-01	2.9E-10	4.3E+00	2.5E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.8E-10	4.3E+00	5.2E-06
8.0E-07	1.0E-03	2.5E-08	1.6E-01	5.5E-01	2.2E-09	1.1E+01	2.5E-06	1.0E-03	2.8E-08	1.6E-01	5.5E-01	2.4E-09	1.1E+01	5.2E-06
8.0E-07	1.0E-03	3.7E-08	1.6E-01	5.5E-01	3.2E-09	1.3E+01	2.5E-06	1.0E-03	3.4E-08	1.6E-01	5.5E-01	2.9E-09	1.3E+01	5.2E-06
8.0E-07	1.0E-03	5.8E-08	1.6E-01	5.5E-01	5.0E-09	1.6E+01	2.5E-06	1.0E-03	4.1E-08	1.6E-01	5.5E-01	3.6E-09	1.6E+01	5.2E-06
8.0E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.1E-09	1.9E+01	2.5E-06	1.0E-03	4.9E-08	1.6E-01	5.5E-01	4.3E-09	1.9E+01	5.2E-06
8.0E-07	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	2.2E+01	2.5E-06	1.0E-03	5.9E-08	1.6E-01	5.5E-01	5.1E-09	2.2E+01	5.2E-06
8.0E-07	1.0E-03	9.6E-09	1.6E-01	5.5E-01	8.3E-10	1.2E+01	2.5E-06	1.0E-03	3.1E-08	1.6E-01	5.5E-01	2.7E-09	1.2E+01	5.2E-06
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8.0E-07	1.0E-03	7.2E-09	1.6E-01	5.5E-01	6.2E-10	9.0E+00	2.5E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.0E-09	9.0E+00	5.2E-06
8.0E-07	1.0E-03	6.3E-09	1.6E-01	5.5E-01	5.4E-10	7.9E+00	2.5E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-01	1.8E-09	7.9E+00	5.2E-06
8.0E-07	1.0E-03	5.6E-09	1.6E-01	5.5E-01	4.8E-10	7.0E+00	2.5E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.6E-09	7.0E+00	5.2E-06
8.0E-07	1.0E-03	5.0E-09	1.6E-01	5.5E-01	4.3E-10	6.2E+00	2.5E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.4E-09	6.2E+00	5.2E-06
8.0E-07	1.0E-03	4.4E-09	1.6E-01	5.5E-01	3.8E-10	5.6E+00	2.5E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	5.6E+00	5.2E-06
8.0E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-01	3.4E-10	5.0E+00	2.5E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	5.0E+00	5.2E-06
8.0E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-01	3.1E-10	4.5E+00	2.5E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	4.5E+00	5.2E-06
8.0E-07	1.0E-03	3.3E-09	1.6E-01	5.5E-01	2.8E-10	4.1E+00	2.5E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.2E-10	4.1E+00	5.2E-06
8.0E-07	1.0E-03	2.3E-08	1.6E-01	5.5E-01	2.0E-09	9.1E+00	2.5E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.1E-09	9.1E+00	5.2E-06
8.0E-07	1.0E-03	3.3E-08	1.6E-01	5.5E-01	2.8E-09	1.1E+01	2.5E-06	1.0E-03	2.8E-08	1.6E-01	5.5E-01	2.4E-09	1.1E+01	5.2E-06
8.0E-07	1.0E-03	5.1E-08	1.6E-01	5.5E-01	4.4E-09	1.3E+01	2.5E-06	1.0E-03	3.3E-08	1.6E-01	5.5E-01	2.8E-09	1.3E+01	5.2E-06
8.0E-07	1.0E-03	3.2E-08	1.6E-01	5.5E-01	2.8E-09	1.5E+01	2.5E-06	1.0E-03	3.9E-08	1.6E-01	5.5E-01	3.4E-09	1.5E+01	5.2E-06
8.0E-07	1.0E-03	4.2E-08	1.6E-01	5.5E-01	3.6E-09	1.7E+01	2.5E-06	1.0E-03	4.5E-08	1.6E-01	5.5E-01	3.9E-09	1.7E+01	5.2E-06
8.0E-07	1.0E-03	9.0E-09	1.6E-01	5.5E-01	7.7E-10	1.0E+01	2.5E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-01	2.3E-09	1.0E+01	5.2E-06
8.0E-07	1.0E-03	7.8E-09	1.6E-01	5.5E-01	6.7E-10	9.1E+00	2.5E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.1E-09	9.1E+00	5.2E-06
8.0E-07	1.0E-03	6.8E-09	1.6E-01	5.5E-01	5.8E-10	8.1E+00	2.5E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-01	1.8E-09	8.1E+00	5.2E-06
8.0E-07	1.0E-03	6.0E-09	1.6E-01	5.5E-01	5.1E-10	7.2E+00	2.5E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.6E-09	7.2E+00	5.2E-06
8.0E-07	1.0E-03	5.3E-09	1.6E-01	5.5E-01	4.5E-10	6.4E+00	2.5E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09	6.4E+00	5.2E-06
8.0E-07	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.1E-10	5.8E+00	2.5E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	5.8E+00	5.2E-06
8.0E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-01	3.6E-10	5.2E+00	2.5E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.2E+00	5.2E-06
8.0E-07	1.0E-03	3.8E-09	1.6E-01	5.5E-01	3.3E-10	4.7E+00	2.5E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.1E-09	4.7E+00	5.2E-06
8.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-01	3.0E-10	4.2E+00	2.5E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.6E-10	4.2E+00	5.2E-06
8.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.7E-10	3.9E+00	2.5E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.7E-10	3.9E+00	5.2E-06
8.0E-07	1.0E-03	2.0E-08	1.6E-01	5.5E-01	1.7E-09	7.8E+00	2.5E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-01	1.8E-09	7.8E+00	5.2E-06
8.0E-07	1.0E-03	2.8E-08	1.6E-01	5.5E-01	2.4E-09	9.0E+00	2.5E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.0E-09	9.0E+00	5.2E-06
8.0E-07	1.0E-03	4.1E-08	1.6E-01	5.5E-01	3.5E-09	1.0E+01	2.5E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-01	2.3E-09	1.0E+01	5.2E-06

8.0E-07	1.0E-03	2.1E-08	1.6E-01	5.5E-01	1.8E-09	1.2E+01	2.5E-06	1.0E-03	3.2E-08	1.6E-01	5.5E-01	2.7E-09	1.2E+01	5.2E-06
8.0E-07	1.0E-03	2.6E-08	1.6E-01	5.5E-01	2.2E-09	1.4E+01	2.5E-06	1.0E-03	3.6E-08	1.6E-01	5.5E-01	3.1E-09	1.4E+01	5.2E-06
8.0E-07	1.0E-03	8.3E-09	1.6E-01	5.5E-01	7.1E-10	9.1E+00	2.5E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.0E-09	9.1E+00	5.2E-06
8.0E-07	1.0E-03	7.2E-09	1.6E-01	5.5E-01	6.2E-10	8.1E+00	2.5E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-01	1.8E-09	8.1E+00	5.2E-06
8.0E-07	1.0E-03	6.3E-09	1.6E-01	5.5E-01	5.4E-10	7.3E+00	2.5E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.7E-09	7.3E+00	5.2E-06
8.0E-07	1.0E-03	5.6E-09	1.6E-01	5.5E-01	4.8E-10	6.6E+00	2.5E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09	6.6E+00	5.2E-06
8.0E-07	1.0E-03	5.0E-09	1.6E-01	5.5E-01	4.3E-10	5.9E+00	2.5E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.3E-09	5.9E+00	5.2E-06
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8.0E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-01	3.4E-10	4.8E+00	2.5E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	4.8E+00	5.2E-06
8.0E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-01	3.1E-10	4.4E+00	2.5E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	9.9E-10	4.4E+00	5.2E-06
8.0E-07	1.0E-03	3.3E-09	1.6E-01	5.5E-01	2.8E-10	4.0E+00	2.5E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	9.0E-10	4.0E+00	5.2E-06
8.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	3.6E+00	2.5E-06	1.0E-03	9.6E-09	1.6E-01	5.5E-01	8.2E-10	3.6E+00	5.2E-06
8.0E-07	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09	6.7E+00	2.5E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.5E-09	6.7E+00	5.2E-06
8.0E-07	1.0E-03	2.3E-08	1.6E-01	5.5E-01	2.0E-09	7.7E+00	2.5E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-01	1.7E-09	7.7E+00	5.2E-06
8.0E-07	1.0E-03	3.1E-08	1.6E-01	5.5E-01	2.7E-09	8.8E+00	2.5E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-01	2.0E-09	8.8E+00	5.2E-06
8.0E-07	1.0E-03	4.4E-08	1.6E-01	5.5E-01	3.8E-09	1.0E+01	2.5E-06	1.0E-03	2.6E-08	1.6E-01	5.5E-01	2.3E-09	1.0E+01	5.2E-06
8.0E-07	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09	1.1E+01	2.5E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-01	2.5E-09	1.1E+01	5.2E-06
8.0E-07	1.0E-03	7.6E-09	1.6E-01	5.5E-01	6.5E-10	8.0E+00	2.5E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-01	1.8E-09	8.0E+00	5.2E-06
8.0E-07	1.0E-03	6.7E-09	1.6E-01	5.5E-01	5.7E-10	7.3E+00	2.5E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.6E-09	7.3E+00	5.2E-06
8.0E-07	1.0E-03	5.9E-09	1.6E-01	5.5E-01	5.1E-10	6.6E+00	2.5E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09	6.6E+00	5.2E-06
8.0E-07	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10	6.0E+00	2.5E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.4E-09	6.0E+00	5.2E-06
8.0E-07	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.0E-10	5.4E+00	2.5E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.4E+00	5.2E-06
8.0E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-01	3.6E-10	4.9E+00	2.5E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	4.9E+00	5.2E-06
8.0E-07	1.0E-03	3.8E-09	1.6E-01	5.5E-01	3.2E-10	4.5E+00	2.5E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	4.5E+00	5.2E-06
8.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-01	2.9E-10	4.1E+00	2.5E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.3E-10	4.1E+00	5.2E-06
8.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.7E-10	3.8E+00	2.5E-06	1.0E-03	9.9E-09	1.6E-01	5.5E-01	8.5E-10	3.8E+00	5.2E-06
8.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10	3.4E+00	2.5E-06	1.0E-03	9.0E-09	1.6E-01	5.5E-01	7.8E-10	3.4E+00	5.2E-06
8.0E-07	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.9E+00	2.5E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	5.9E+00	5.2E-06
8.0E-07	1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.5E-09	6.6E+00	2.5E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09	6.6E+00	5.2E-06
8.0E-07	1.0E-03	2.3E-08	1.6E-01	5.5E-01	2.0E-09	7.4E+00	2.5E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.7E-09	7.4E+00	5.2E-06
8.0E-07	1.0E-03	3.0E-08	1.6E-01	5.5E-01	2.5E-09	8.3E+00	2.5E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-01	1.9E-09	8.3E+00	5.2E-06
8.0E-07	1.0E-03	3.5E-08	1.6E-01	5.5E-01	3.0E-09	9.2E+00	2.5E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.1E-09	9.2E+00	5.2E-06
8.0E-07	1.0E-03	6.9E-09	1.6E-01	5.5E-01	6.0E-10	7.1E+00	2.5E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.6E-09	7.1E+00	5.2E-06
8.0E-07	1.0E-03	6.1E-09	1.6E-01	5.5E-01	5.3E-10	6.6E+00	2.5E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09	6.6E+00	5.2E-06
8.0E-07	1.0E-03	5.4E-09	1.6E-01	5.5E-01	4.7E-10	6.0E+00	2.5E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.4E-09	6.0E+00	5.2E-06
8.0E-07	1.0E-03	4.9E-09	1.6E-01	5.5E-01	4.2E-10	5.5E+00	2.5E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.5E+00	5.2E-06
8.0E-07	1.0E-03	4.4E-09	1.6E-01	5.5E-01	3.7E-10	5.0E+00	2.5E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	5.0E+00	5.2E-06
8.0E-07	1.0E-03	3.9E-09	1.6E-01	5.5E-01	3.4E-10	4.6E+00	2.5E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	4.6E+00	5.2E-06
8.0E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-01	3.1E-10	4.2E+00	2.5E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.5E-10	4.2E+00	5.2E-06
8.0E-07	1.0E-03	3.2E-09	1.6E-01	5.5E-01	2.8E-10	3.8E+00	2.5E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.7E-10	3.8E+00	5.2E-06
8.0E-07	1.0E-03	2.9E-09	1.6E-01	5.5E-01	2.5E-10	3.5E+00	2.5E-06	1.0E-03	9.3E-09	1.6E-01	5.5E-01	8.0E-10	3.5E+00	5.2E-06
8.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10	3.2E+00	2.5E-06	1.0E-03	8.5E-09	1.6E-01	5.5E-01	7.3E-10	3.2E+00	5.2E-06
8.0E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	5.2E+00	2.5E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.2E+00	5.2E-06
8.0E-07	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.8E+00	2.5E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	5.8E+00	5.2E-06
8.0E-07	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09	6.4E+00	2.5E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.4E-09	6.4E+00	5.2E-06
8.0E-07	1.0E-03	2.1E-08	1.6E-01	5.5E-01	1.8E-09	7.1E+00	2.5E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.6E-09	7.1E+00	5.2E-06
8.0E-07	1.0E-03	2.3E-08	1.6E-01	5.5E-01	2.0E-09	7.8E+00	2.5E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-01	1.8E-09	7.8E+00	5.2E-06
8.0E-07	1.0E-03	6.3E-09	1.6E-01	5.5E-01	5.4E-10	6.4E+00	2.5E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.4E-09	6.4E+00	5.2E-06
8.0E-07	1.0E-03	5.6E-09	1.6E-01	5.5E-01	4.8E-10	5.9E+00	2.5E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.3E-09	5.9E+00	5.2E-06

8.0E-07	1.0E-03	5.0E-09	1.6E-01	5.5E-01	4.3E-10	5.4E+00	2.5E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.4E+00	5.2E-06
8.0E-07	1.0E-03	4.5E-09	1.6E-01	5.5E-01	3.9E-10	5.0E+00	2.5E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	5.0E+00	5.2E-06
8.0E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-01	3.5E-10	4.6E+00	2.5E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	4.6E+00	5.2E-06
8.0E-07	1.0E-03	3.7E-09	1.6E-01	5.5E-01	3.1E-10	4.2E+00	2.5E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.5E-10	4.2E+00	5.2E-06
8.0E-07	1.0E-03	3.3E-09	1.6E-01	5.5E-01	2.9E-10	3.9E+00	2.5E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.8E-10	3.9E+00	5.2E-06
8.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	3.6E+00	2.5E-06	1.0E-03	9.4E-09	1.6E-01	5.5E-01	8.1E-10	3.6E+00	5.2E-06
8.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10	3.3E+00	2.5E-06	1.0E-03	8.7E-09	1.6E-01	5.5E-01	7.5E-10	3.3E+00	5.2E-06
8.0E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.2E-10	3.0E+00	2.5E-06	1.0E-03	8.0E-09	1.6E-01	5.5E-01	6.9E-10	3.0E+00	5.2E-06
8.0E-07	1.0E-03	9.6E-09	1.6E-01	5.5E-01	8.3E-10	4.6E+00	2.5E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	4.6E+00	5.2E-06
8.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.8E-10	5.1E+00	2.5E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	5.1E+00	5.2E-06
8.0E-07	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.2E-09	5.6E+00	2.5E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	5.6E+00	5.2E-06
8.0E-07	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	6.1E+00	2.5E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.4E-09	6.1E+00	5.2E-06
8.0E-07	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.4E-09	6.6E+00	2.5E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09	6.6E+00	5.2E-06
8.0E-07	1.0E-03	5.7E-09	1.6E-01	5.5E-01	4.9E-10	5.7E+00	2.5E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	5.7E+00	5.2E-06
8.0E-07	1.0E-03	5.1E-09	1.6E-01	5.5E-01	4.4E-10	5.3E+00	2.5E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.3E+00	5.2E-06
8.0E-07	1.0E-03	4.6E-09	1.6E-01	5.5E-01	4.0E-10	4.9E+00	2.5E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	4.9E+00	5.2E-06
8.0E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-01	3.6E-10	4.6E+00	2.5E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	4.6E+00	5.2E-06
8.0E-07	1.0E-03	3.7E-09	1.6E-01	5.5E-01	3.2E-10	4.2E+00	2.5E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.4E-10	4.2E+00	5.2E-06
8.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-01	2.9E-10	3.8E+00	2.5E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.7E-10	3.8E+00	5.2E-06
8.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.6E-10	3.6E+00	2.5E-06	1.0E-03	9.4E-09	1.6E-01	5.5E-01	8.1E-10	3.6E+00	5.2E-06
8.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10	3.3E+00	2.5E-06	1.0E-03	8.7E-09	1.6E-01	5.5E-01	7.5E-10	3.3E+00	5.2E-06
8.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.2E-10	3.1E+00	2.5E-06	1.0E-03	8.1E-09	1.6E-01	5.5E-01	6.9E-10	3.1E+00	5.2E-06
8.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.0E-10	2.8E+00	2.5E-06	1.0E-03	7.5E-09	1.6E-01	5.5E-01	6.4E-10	2.8E+00	5.2E-06
8.0E-07	1.0E-03	8.0E-09	1.6E-01	5.5E-01	6.9E-10	4.1E+00	2.5E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.2E-10	4.1E+00	5.2E-06
8.0E-07	1.0E-03	9.3E-09	1.6E-01	5.5E-01	8.0E-10	4.5E+00	2.5E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	4.5E+00	5.2E-06
8.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.1E-10	4.9E+00	2.5E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	4.9E+00	5.2E-06
8.0E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	5.3E+00	2.5E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.3E+00	5.2E-06
8.0E-07	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	5.7E+00	2.5E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	5.7E+00	5.2E-06
8.0E-07	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.1E-10	4.9E+00	2.5E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	4.9E+00	5.2E-06
8.0E-07	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10	4.5E+00	2.5E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	4.5E+00	5.2E-06
8.0E-07	1.0E-03	3.8E-09	1.6E-01	5.5E-01	3.3E-10	4.2E+00	2.5E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.5E-10	4.2E+00	5.2E-06
8.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-01	2.9E-10	3.8E+00	2.5E-06	1.0E-03	9.9E-09	1.6E-01	5.5E-01	8.5E-10	3.8E+00	5.2E-06
8.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.6E-10	3.5E+00	2.5E-06	1.0E-03	9.1E-09	1.6E-01	5.5E-01	7.9E-10	3.5E+00	5.2E-06
8.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10	3.2E+00	2.5E-06	1.0E-03	8.5E-09	1.6E-01	5.5E-01	7.3E-10	3.2E+00	5.2E-06
8.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.2E-10	3.0E+00	2.5E-06	1.0E-03	7.9E-09	1.6E-01	5.5E-01	6.8E-10	3.0E+00	5.2E-06
8.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.0E-10	2.8E+00	2.5E-06	1.0E-03	7.4E-09	1.6E-01	5.5E-01	6.3E-10	2.8E+00	5.2E-06
8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	2.6E+00	2.5E-06	1.0E-03	6.9E-09	1.6E-01	5.5E-01	6.0E-10	2.6E+00	5.2E-06
8.0E-07	1.0E-03	6.8E-09	1.6E-01	5.5E-01	5.8E-10	3.7E+00	2.5E-06	1.0E-03	9.7E-09	1.6E-01	5.5E-01	8.3E-10	3.7E+00	5.2E-06
8.0E-07	1.0E-03	7.7E-09	1.6E-01	5.5E-01	6.6E-10	4.0E+00	2.5E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.1E-10	4.0E+00	5.2E-06
8.0E-07	1.0E-03	8.6E-09	1.6E-01	5.5E-01	7.4E-10	4.3E+00	2.5E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.8E-10	4.3E+00	5.2E-06
8.0E-07	1.0E-03	9.3E-09	1.6E-01	5.5E-01	8.0E-10	4.7E+00	2.5E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.1E-09	4.7E+00	5.2E-06
8.0E-07	1.0E-03	9.9E-09	1.6E-01	5.5E-01	8.5E-10	5.0E+00	2.5E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	5.0E+00	5.2E-06
8.0E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-01	3.4E-10	4.2E+00	2.5E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.4E-10	4.2E+00	5.2E-06
8.0E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-01	3.1E-10	3.9E+00	2.5E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.8E-10	3.9E+00	5.2E-06
8.0E-07	1.0E-03	3.2E-09	1.6E-01	5.5E-01	2.8E-10	3.6E+00	2.5E-06	1.0E-03	9.4E-09	1.6E-01	5.5E-01	8.1E-10	3.6E+00	5.2E-06
8.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	3.3E+00	2.5E-06	1.0E-03	8.8E-09	1.6E-01	5.5E-01	7.6E-10	3.3E+00	5.2E-06
8.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10	3.1E+00	2.5E-06	1.0E-03	8.2E-09	1.6E-01	5.5E-01	7.0E-10	3.1E+00	5.2E-06
8.0E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.1E-10	2.9E+00	2.5E-06	1.0E-03	7.5E-09	1.6E-01	5.5E-01	6.5E-10	2.9E+00	5.2E-06
8.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	2.7E+00	2.5E-06	1.0E-03	7.0E-09	1.6E-01	5.5E-01	6.0E-10	2.7E+00	5.2E-06

8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	2.5E+00	2.5E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-01	5.6E-10	2.5E+00	5.2E-06
8.0E-07	1.0E-03	5.8E-09	1.6E-01	5.5E-01	5.0E-10	3.3E+00	2.5E-06	1.0E-03	8.7E-09	1.6E-01	5.5E-01	7.5E-10	3.3E+00	5.2E-06
8.0E-07	1.0E-03	6.5E-09	1.6E-01	5.5E-01	5.6E-10	3.6E+00	2.5E-06	1.0E-03	9.5E-09	1.6E-01	5.5E-01	8.1E-10	3.6E+00	5.2E-06
8.0E-07	1.0E-03	7.1E-09	1.6E-01	5.5E-01	6.1E-10	3.9E+00	2.5E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.8E-10	3.9E+00	5.2E-06
8.0E-07	1.0E-03	7.6E-09	1.6E-01	5.5E-01	6.6E-10	4.1E+00	2.5E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.4E-10	4.1E+00	5.2E-06
8.0E-07	1.0E-03	8.0E-09	1.6E-01	5.5E-01	6.9E-10	4.4E+00	2.5E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	9.9E-10	4.4E+00	5.2E-06
8.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-01	2.9E-10	3.6E+00	2.5E-06	1.0E-03	9.5E-09	1.6E-01	5.5E-01	8.2E-10	3.6E+00	5.2E-06
8.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.7E-10	3.4E+00	2.5E-06	1.0E-03	9.0E-09	1.6E-01	5.5E-01	7.7E-10	3.4E+00	5.2E-06
8.0E-07	1.0E-03	2.9E-09	1.6E-01	5.5E-01	2.5E-10	3.2E+00	2.5E-06	1.0E-03	8.5E-09	1.6E-01	5.5E-01	7.3E-10	3.2E+00	5.2E-06
8.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.3E-10	3.0E+00	2.5E-06	1.0E-03	7.9E-09	1.6E-01	5.5E-01	6.8E-10	3.0E+00	5.2E-06
8.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.1E-10	2.8E+00	2.5E-06	1.0E-03	7.4E-09	1.6E-01	5.5E-01	6.3E-10	2.8E+00	5.2E-06
8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	2.6E+00	2.5E-06	1.0E-03	6.8E-09	1.6E-01	5.5E-01	5.9E-10	2.6E+00	5.2E-06
8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10	2.4E+00	2.5E-06	1.0E-03	6.3E-09	1.6E-01	5.5E-01	5.4E-10	2.4E+00	5.2E-06
8.0E-07	1.0E-03	5.0E-09	1.6E-01	5.5E-01	4.3E-10	3.0E+00	2.5E-06	1.0E-03	7.9E-09	1.6E-01	5.5E-01	6.8E-10	3.0E+00	5.2E-06
8.0E-07	1.0E-03	5.5E-09	1.6E-01	5.5E-01	4.7E-10	3.3E+00	2.5E-06	1.0E-03	8.5E-09	1.6E-01	5.5E-01	7.4E-10	3.3E+00	5.2E-06
8.0E-07	1.0E-03	5.9E-09	1.6E-01	5.5E-01	5.1E-10	3.5E+00	2.5E-06	1.0E-03	9.1E-09	1.6E-01	5.5E-01	7.9E-10	3.5E+00	5.2E-06
8.0E-07	1.0E-03	6.3E-09	1.6E-01	5.5E-01	5.5E-10	3.7E+00	2.5E-06	1.0E-03	9.7E-09	1.6E-01	5.5E-01	8.4E-10	3.7E+00	5.2E-06
8.0E-07	1.0E-03	6.7E-09	1.6E-01	5.5E-01	5.7E-10	3.9E+00	2.5E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.8E-10	3.9E+00	5.2E-06
8.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.5E-10	3.2E+00	2.5E-06	1.0E-03	8.4E-09	1.6E-01	5.5E-01	7.2E-10	3.2E+00	5.2E-06
8.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.4E-10	3.0E+00	2.5E-06	1.0E-03	7.9E-09	1.6E-01	5.5E-01	6.8E-10	3.0E+00	5.2E-06
8.0E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.2E-10	2.8E+00	2.5E-06	1.0E-03	7.4E-09	1.6E-01	5.5E-01	6.4E-10	2.8E+00	5.2E-06
8.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	2.7E+00	2.5E-06	1.0E-03	7.0E-09	1.6E-01	5.5E-01	6.0E-10	2.7E+00	5.2E-06
8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	2.5E+00	2.5E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-01	5.6E-10	2.5E+00	5.2E-06
8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10	2.3E+00	2.5E-06	1.0E-03	6.1E-09	1.6E-01	5.5E-01	5.2E-10	2.3E+00	5.2E-06
8.0E-07	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10	2.7E+00	2.5E-06	1.0E-03	7.2E-09	1.6E-01	5.5E-01	6.2E-10	2.7E+00	5.2E-06
8.0E-07	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.1E-10	2.9E+00	2.5E-06	1.0E-03	7.7E-09	1.6E-01	5.5E-01	6.7E-10	2.9E+00	5.2E-06
8.0E-07	1.0E-03	5.1E-09	1.6E-01	5.5E-01	4.4E-10	3.1E+00	2.5E-06	1.0E-03	8.2E-09	1.6E-01	5.5E-01	7.1E-10	3.1E+00	5.2E-06
8.0E-07	1.0E-03	5.4E-09	1.6E-01	5.5E-01	4.6E-10	3.3E+00	2.5E-06	1.0E-03	8.7E-09	1.6E-01	5.5E-01	7.5E-10	3.3E+00	5.2E-06
8.0E-07	1.0E-03	5.6E-09	1.6E-01	5.5E-01	4.8E-10	3.5E+00	2.5E-06	1.0E-03	9.2E-09	1.6E-01	5.5E-01	7.9E-10	3.5E+00	5.2E-06
8.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10	3.0E+00	2.5E-06	1.0E-03	7.8E-09	1.6E-01	5.5E-01	6.7E-10	3.0E+00	5.2E-06
8.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.2E-10	2.8E+00	2.5E-06	1.0E-03	7.4E-09	1.6E-01	5.5E-01	6.4E-10	2.8E+00	5.2E-06
8.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.1E-10	2.7E+00	2.5E-06	1.0E-03	7.0E-09	1.6E-01	5.5E-01	6.0E-10	2.7E+00	5.2E-06
8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	2.5E+00	2.5E-06	1.0E-03	6.6E-09	1.6E-01	5.5E-01	5.7E-10	2.5E+00	5.2E-06
8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	2.4E+00	2.5E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-01	5.3E-10	2.4E+00	5.2E-06
8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.6E-10	2.2E+00	2.5E-06	1.0E-03	5.8E-09	1.6E-01	5.5E-01	5.0E-10	2.2E+00	5.2E-06
8.0E-07	1.0E-03	3.8E-09	1.6E-01	5.5E-01	3.3E-10	2.5E+00	2.5E-06	1.0E-03	6.6E-09	1.6E-01	5.5E-01	5.7E-10	2.5E+00	5.2E-06
8.0E-07	1.0E-03	4.1E-09	1.6E-01	5.5E-01	3.5E-10	2.7E+00	2.5E-06	1.0E-03	7.0E-09	1.6E-01	5.5E-01	6.1E-10	2.7E+00	5.2E-06
8.0E-07	1.0E-03	4.4E-09	1.6E-01	5.5E-01	3.8E-10	2.8E+00	2.5E-06	1.0E-03	7.5E-09	1.6E-01	5.5E-01	6.4E-10	2.8E+00	5.2E-06
8.0E-07	1.0E-03	4.6E-09	1.6E-01	5.5E-01	4.0E-10	3.0E+00	2.5E-06	1.0E-03	7.9E-09	1.6E-01	5.5E-01	6.8E-10	3.0E+00	5.2E-06
8.0E-07	1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.2E-10	3.1E+00	2.5E-06	1.0E-03	8.2E-09	1.6E-01	5.5E-01	7.1E-10	3.1E+00	5.2E-06
8.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.3E-10	2.8E+00	2.5E-06	1.0E-03	7.3E-09	1.6E-01	5.5E-01	6.3E-10	2.8E+00	5.2E-06
8.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.1E-10	2.6E+00	2.5E-06	1.0E-03	6.9E-09	1.6E-01	5.5E-01	6.0E-10	2.6E+00	5.2E-06
8.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	2.5E+00	2.5E-06	1.0E-03	6.6E-09	1.6E-01	5.5E-01	5.7E-10	2.5E+00	5.2E-06
8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	2.4E+00	2.5E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-01	5.4E-10	2.4E+00	5.2E-06
8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10	2.2E+00	2.5E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-01	5.1E-10	2.2E+00	5.2E-06
8.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.6E-10	2.1E+00	2.5E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-01	4.8E-10	2.1E+00	5.2E-06
8.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-01	2.9E-10	2.3E+00	2.5E-06	1.0E-03	6.1E-09	1.6E-01	5.5E-01	5.2E-10	2.3E+00	5.2E-06
8.0E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-01	3.1E-10	2.4E+00	2.5E-06	1.0E-03	6.4E-09	1.6E-01	5.5E-01	5.5E-10	2.4E+00	5.2E-06
8.0E-07	1.0E-03	3.8E-09	1.6E-01	5.5E-01	3.3E-10	2.6E+00	2.5E-06	1.0E-03	6.8E-09	1.6E-01	5.5E-01	5.8E-10	2.6E+00	5.2E-06

8.0E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-01	3.5E-10	2.7E+00	2.5E-06	1.0E-03	7.1E-09	1.6E-01	5.5E-01	6.1E-10	2.7E+00	5.2E-06
8.0E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-01	3.6E-10	2.8E+00	2.5E-06	1.0E-03	7.5E-09	1.6E-01	5.5E-01	6.4E-10	2.8E+00	5.2E-06
8.0E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.1E-10	2.6E+00	2.5E-06	1.0E-03	6.8E-09	1.6E-01	5.5E-01	5.9E-10	2.6E+00	5.2E-06
8.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	2.5E+00	2.5E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-01	5.6E-10	2.5E+00	5.2E-06
8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	2.4E+00	2.5E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-01	5.3E-10	2.4E+00	5.2E-06
8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10	2.2E+00	2.5E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-01	5.1E-10	2.2E+00	5.2E-06
8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.6E-10	2.1E+00	2.5E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-01	4.8E-10	2.1E+00	5.2E-06
8.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.5E-10	2.0E+00	2.5E-06	1.0E-03	5.3E-09	1.6E-01	5.5E-01	4.6E-10	2.0E+00	5.2E-06
8.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	2.1E+00	2.5E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-01	4.8E-10	2.1E+00	5.2E-06
8.0E-07	1.0E-03	3.2E-09	1.6E-01	5.5E-01	2.8E-10	2.2E+00	2.5E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-01	5.1E-10	2.2E+00	5.2E-06
8.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-01	2.9E-10	2.4E+00	2.5E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-01	5.3E-10	2.4E+00	5.2E-06
8.0E-07	1.0E-03	3.5E-09	1.6E-01	5.5E-01	3.0E-10	2.5E+00	2.5E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-01	5.6E-10	2.5E+00	5.2E-06
8.0E-07	1.0E-03	3.7E-09	1.6E-01	5.5E-01	3.2E-10	2.6E+00	2.5E-06	1.0E-03	6.8E-09	1.6E-01	5.5E-01	5.8E-10	2.6E+00	5.2E-06
8.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	2.4E+00	2.5E-06	1.0E-03	6.4E-09	1.6E-01	5.5E-01	5.5E-10	2.4E+00	5.2E-06
8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	2.3E+00	2.5E-06	1.0E-03	6.1E-09	1.6E-01	5.5E-01	5.3E-10	2.3E+00	5.2E-06
8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.8E-10	2.2E+00	2.5E-06	1.0E-03	5.8E-09	1.6E-01	5.5E-01	5.0E-10	2.2E+00	5.2E-06
8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.7E-10	2.1E+00	2.5E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-01	4.8E-10	2.1E+00	5.2E-06
8.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.6E-10	2.0E+00	2.5E-06	1.0E-03	5.3E-09	1.6E-01	5.5E-01	4.6E-10	2.0E+00	5.2E-06
8.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10	1.9E+00	2.5E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-01	4.3E-10	1.9E+00	5.2E-06
8.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10	2.0E+00	2.5E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.4E-10	2.0E+00	5.2E-06
8.0E-07	1.0E-03	2.9E-09	1.6E-01	5.5E-01	2.5E-10	2.1E+00	2.5E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-01	4.7E-10	2.1E+00	5.2E-06
8.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	2.2E+00	2.5E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-01	4.9E-10	2.2E+00	5.2E-06
8.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.7E-10	2.3E+00	2.5E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-01	5.1E-10	2.3E+00	5.2E-06
8.0E-07	1.0E-03	3.3E-09	1.6E-01	5.5E-01	2.8E-10	2.4E+00	2.5E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-01	5.3E-10	2.4E+00	5.2E-06
8.0E-07	1.0E-03	3.3E-09	1.6E-01	5.5E-01	2.9E-10	2.4E+00	2.5E-06	1.0E-03	6.4E-09	1.6E-01	5.5E-01	5.5E-10	2.4E+00	5.2E-06
8.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-01	2.9E-10	2.5E+00	2.5E-06	1.0E-03	6.6E-09	1.6E-01	5.5E-01	5.7E-10	2.5E+00	5.2E-06
8.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-01	3.0E-10	2.6E+00	2.5E-06	1.0E-03	6.8E-09	1.6E-01	5.5E-01	5.8E-10	2.6E+00	5.2E-06
8.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-01	3.0E-10	2.6E+00	2.5E-06	1.0E-03	6.9E-09	1.6E-01	5.5E-01	6.0E-10	2.6E+00	5.2E-06
8.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-01	2.9E-10	2.7E+00	2.5E-06	1.0E-03	7.0E-09	1.6E-01	5.5E-01	6.0E-10	2.7E+00	5.2E-06
8.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-01	2.9E-10	2.7E+00	2.5E-06	1.0E-03	7.1E-09	1.6E-01	5.5E-01	6.1E-10	2.7E+00	5.2E-06
8.0E-07	1.0E-03	3.3E-09	1.6E-01	5.5E-01	2.8E-10	2.7E+00	2.5E-06	1.0E-03	7.1E-09	1.6E-01	5.5E-01	6.1E-10	2.7E+00	5.2E-06
8.0E-07	1.0E-03	3.2E-09	1.6E-01	5.5E-01	2.7E-10	2.7E+00	2.5E-06	1.0E-03	7.1E-09	1.6E-01	5.5E-01	6.1E-10	2.7E+00	5.2E-06
8.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.7E-10	2.7E+00	2.5E-06	1.0E-03	7.1E-09	1.6E-01	5.5E-01	6.1E-10	2.7E+00	5.2E-06
8.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	2.7E+00	2.5E-06	1.0E-03	7.0E-09	1.6E-01	5.5E-01	6.0E-10	2.7E+00	5.2E-06
8.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10	2.6E+00	2.5E-06	1.0E-03	6.9E-09	1.6E-01	5.5E-01	5.9E-10	2.6E+00	5.2E-06
8.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10	2.6E+00	2.5E-06	1.0E-03	6.7E-09	1.6E-01	5.5E-01	5.8E-10	2.6E+00	5.2E-06
8.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.2E-10	2.5E+00	2.5E-06	1.0E-03	6.6E-09	1.6E-01	5.5E-01	5.6E-10	2.5E+00	5.2E-06
8.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.1E-10	2.4E+00	2.5E-06	1.0E-03	6.4E-09	1.6E-01	5.5E-01	5.5E-10	2.4E+00	5.2E-06
8.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	2.3E+00	2.5E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-01	5.3E-10	2.3E+00	5.2E-06
8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	2.3E+00	2.5E-06	1.0E-03	6.0E-09	1.6E-01	5.5E-01	5.1E-10	2.3E+00	5.2E-06
8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	2.2E+00	2.5E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-01	4.9E-10	2.2E+00	5.2E-06
8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.7E-10	2.1E+00	2.5E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-01	4.7E-10	2.1E+00	5.2E-06
8.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.6E-10	2.0E+00	2.5E-06	1.0E-03	5.3E-09	1.6E-01	5.5E-01	4.5E-10	2.0E+00	5.2E-06
8.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10	1.9E+00	2.5E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-01	4.3E-10	1.9E+00	5.2E-06
8.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.4E-10	1.8E+00	2.5E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.1E-10	1.8E+00	5.2E-06
8.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.1E-10	1.8E+00	2.5E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.1E-10	1.8E+00	5.2E-06
8.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.2E-10	1.9E+00	2.5E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-01	4.3E-10	1.9E+00	5.2E-06
8.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10	2.0E+00	2.5E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10	2.0E+00	5.2E-06
8.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10	2.1E+00	2.5E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-01	4.7E-10	2.1E+00	5.2E-06

8.0E-07	1.0E-03	2.9E-09	1.6E-01	5.5E-01	2.5E-10	2.2E+00	2.5E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-01	4.9E-10	2.2E+00	5.2E-06
8.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	2.2E+00	2.5E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-01	5.1E-10	2.2E+00	5.2E-06
8.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	2.3E+00	2.5E-06	1.0E-03	6.1E-09	1.6E-01	5.5E-01	5.2E-10	2.3E+00	5.2E-06
8.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.6E-10	2.4E+00	2.5E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-01	5.3E-10	2.4E+00	5.2E-06
8.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.7E-10	2.4E+00	2.5E-06	1.0E-03	6.3E-09	1.6E-01	5.5E-01	5.5E-10	2.4E+00	5.2E-06
8.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.6E-10	2.4E+00	2.5E-06	1.0E-03	6.4E-09	1.6E-01	5.5E-01	5.5E-10	2.4E+00	5.2E-06
8.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	2.5E+00	2.5E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-01	5.6E-10	2.5E+00	5.2E-06
8.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	2.5E+00	2.5E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-01	5.6E-10	2.5E+00	5.2E-06
8.0E-07	1.0E-03	2.9E-09	1.6E-01	5.5E-01	2.5E-10	2.5E+00	2.5E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-01	5.6E-10	2.5E+00	5.2E-06
8.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10	2.5E+00	2.5E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-01	5.6E-10	2.5E+00	5.2E-06
8.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10	2.4E+00	2.5E-06	1.0E-03	6.4E-09	1.6E-01	5.5E-01	5.5E-10	2.4E+00	5.2E-06
8.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.3E-10	2.4E+00	2.5E-06	1.0E-03	6.3E-09	1.6E-01	5.5E-01	5.5E-10	2.4E+00	5.2E-06
8.0E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.2E-10	2.4E+00	2.5E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-01	5.4E-10	2.4E+00	5.2E-06
8.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.1E-10	2.3E+00	2.5E-06	1.0E-03	6.1E-09	1.6E-01	5.5E-01	5.2E-10	2.3E+00	5.2E-06
8.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	2.3E+00	2.5E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-01	5.1E-10	2.3E+00	5.2E-06
8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	2.2E+00	2.5E-06	1.0E-03	5.8E-09	1.6E-01	5.5E-01	5.0E-10	2.2E+00	5.2E-06
8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	2.1E+00	2.5E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-01	4.8E-10	2.1E+00	5.2E-06
8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.7E-10	2.0E+00	2.5E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-01	4.6E-10	2.0E+00	5.2E-06
8.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.6E-10	2.0E+00	2.5E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10	2.0E+00	5.2E-06
8.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10	1.9E+00	2.5E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-01	4.3E-10	1.9E+00	5.2E-06
8.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.4E-10	1.8E+00	2.5E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.1E-10	1.8E+00	5.2E-06
8.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.3E-10	1.7E+00	2.5E-06	1.0E-03	4.6E-09	1.6E-01	5.5E-01	3.9E-10	1.7E+00	5.2E-06
8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	1.7E+00	2.5E-06	1.0E-03	4.4E-09	1.6E-01	5.5E-01	3.8E-10	1.7E+00	5.2E-06
8.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	1.8E+00	2.5E-06	1.0E-03	4.6E-09	1.6E-01	5.5E-01	4.0E-10	1.8E+00	5.2E-06
8.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.1E-10	1.8E+00	2.5E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.2E-10	1.8E+00	5.2E-06
8.0E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.2E-10	1.9E+00	2.5E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-01	4.3E-10	1.9E+00	5.2E-06
8.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.2E-10	2.0E+00	2.5E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10	2.0E+00	5.2E-06
8.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10	2.1E+00	2.5E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-01	4.7E-10	2.1E+00	5.2E-06
8.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.4E-10	2.1E+00	2.5E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-01	4.8E-10	2.1E+00	5.2E-06
8.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10	2.2E+00	2.5E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-01	4.9E-10	2.2E+00	5.2E-06
8.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10	2.2E+00	2.5E-06	1.0E-03	5.8E-09	1.6E-01	5.5E-01	5.0E-10	2.2E+00	5.2E-06
8.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10	2.2E+00	2.5E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-01	5.1E-10	2.2E+00	5.2E-06
8.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.4E-10	2.3E+00	2.5E-06	1.0E-03	6.0E-09	1.6E-01	5.5E-01	5.1E-10	2.3E+00	5.2E-06
8.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10	2.3E+00	2.5E-06	1.0E-03	6.0E-09	1.6E-01	5.5E-01	5.2E-10	2.3E+00	5.2E-06
8.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.3E-10	2.3E+00	2.5E-06	1.0E-03	6.0E-09	1.6E-01	5.5E-01	5.2E-10	2.3E+00	5.2E-06
8.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.2E-10	2.3E+00	2.5E-06	1.0E-03	6.0E-09	1.6E-01	5.5E-01	5.1E-10	2.3E+00	5.2E-06
8.0E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.2E-10	2.3E+00	2.5E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-01	5.1E-10	2.3E+00	5.2E-06
8.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.1E-10	2.2E+00	2.5E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-01	5.1E-10	2.2E+00	5.2E-06
8.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	2.2E+00	2.5E-06	1.0E-03	5.8E-09	1.6E-01	5.5E-01	5.0E-10	2.2E+00	5.2E-06
8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	2.2E+00	2.5E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-01	4.9E-10	2.2E+00	5.2E-06
8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	2.1E+00	2.5E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-01	4.8E-10	2.1E+00	5.2E-06
8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10	2.0E+00	2.5E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-01	4.6E-10	2.0E+00	5.2E-06
8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.7E-10	2.0E+00	2.5E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10	2.0E+00	5.2E-06
8.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.6E-10	1.9E+00	2.5E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-01	4.4E-10	1.9E+00	5.2E-06
8.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10	1.9E+00	2.5E-06	1.0E-03	4.9E-09	1.6E-01	5.5E-01	4.2E-10	1.9E+00	5.2E-06
8.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.4E-10	1.8E+00	2.5E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.1E-10	1.8E+00	5.2E-06
8.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.3E-10	1.7E+00	2.5E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-01	3.9E-10	1.7E+00	5.2E-06
8.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10	1.7E+00	2.5E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10	1.7E+00	5.2E-06
8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10	1.6E+00	2.5E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-01	3.5E-10	1.6E+00	5.2E-06

8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	1.6E+00	2.5E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10	1.6E+00	5.2E-06
8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	1.7E+00	2.5E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-01	3.9E-10	1.7E+00	5.2E-06
8.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	1.8E+00	2.5E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.0E-10	1.8E+00	5.2E-06
8.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.0E-10	1.8E+00	2.5E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.2E-10	1.8E+00	5.2E-06
8.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.1E-10	1.9E+00	2.5E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-01	4.3E-10	1.9E+00	5.2E-06
8.0E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.1E-10	2.0E+00	2.5E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-01	4.4E-10	2.0E+00	5.2E-06
8.0E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.2E-10	2.0E+00	2.5E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10	2.0E+00	5.2E-06
8.0E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.2E-10	2.0E+00	2.5E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-01	4.6E-10	2.0E+00	5.2E-06
8.0E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.2E-10	2.1E+00	2.5E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-01	4.7E-10	2.1E+00	5.2E-06
8.0E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.2E-10	2.1E+00	2.5E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-01	4.7E-10	2.1E+00	5.2E-06
8.0E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.1E-10	2.1E+00	2.5E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-01	4.8E-10	2.1E+00	5.2E-06
8.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.1E-10	2.1E+00	2.5E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-01	4.8E-10	2.1E+00	5.2E-06
8.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.0E-10	2.1E+00	2.5E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-01	4.8E-10	2.1E+00	5.2E-06
8.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	2.1E+00	2.5E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-01	4.7E-10	2.1E+00	5.2E-06
8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	2.1E+00	2.5E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-01	4.7E-10	2.1E+00	5.2E-06
8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	2.0E+00	2.5E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-01	4.6E-10	2.0E+00	5.2E-06
8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	2.0E+00	2.5E-06	1.0E-03	5.3E-09	1.6E-01	5.5E-01	4.5E-10	2.0E+00	5.2E-06
8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10	2.0E+00	2.5E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.4E-10	2.0E+00	5.2E-06
8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.6E-10	1.9E+00	2.5E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-01	4.3E-10	1.9E+00	5.2E-06
8.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.6E-10	1.9E+00	2.5E-06	1.0E-03	4.9E-09	1.6E-01	5.5E-01	4.2E-10	1.9E+00	5.2E-06
8.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10	1.8E+00	2.5E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.1E-10	1.8E+00	5.2E-06
8.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.4E-10	1.8E+00	2.5E-06	1.0E-03	4.6E-09	1.6E-01	5.5E-01	4.0E-10	1.8E+00	5.2E-06
8.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.4E-10	1.7E+00	2.5E-06	1.0E-03	4.4E-09	1.6E-01	5.5E-01	3.8E-10	1.7E+00	5.2E-06
8.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10	1.6E+00	2.5E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10	1.6E+00	5.2E-06
8.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-01	1.2E-10	1.6E+00	2.5E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-01	3.6E-10	1.6E+00	5.2E-06
8.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.6E-10	1.5E+00	2.5E-06	1.0E-03	3.8E-09	1.6E-01	5.5E-01	3.3E-10	1.5E+00	5.2E-06
8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.7E-10	1.5E+00	2.5E-06	1.0E-03	4.0E-09	1.6E-01	5.5E-01	3.5E-10	1.5E+00	5.2E-06
8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10	1.6E+00	2.5E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-01	3.6E-10	1.6E+00	5.2E-06
8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	1.6E+00	2.5E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10	1.6E+00	5.2E-06
8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	1.7E+00	2.5E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-01	3.9E-10	1.7E+00	5.2E-06
8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	1.8E+00	2.5E-06	1.0E-03	4.6E-09	1.6E-01	5.5E-01	4.0E-10	1.8E+00	5.2E-06
8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	1.8E+00	2.5E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.1E-10	1.8E+00	5.2E-06
8.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	1.8E+00	2.5E-06	1.0E-03	4.9E-09	1.6E-01	5.5E-01	4.2E-10	1.8E+00	5.2E-06
8.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	1.9E+00	2.5E-06	1.0E-03	4.9E-09	1.6E-01	5.5E-01	4.3E-10	1.9E+00	5.2E-06
8.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	1.9E+00	2.5E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-01	4.3E-10	1.9E+00	5.2E-06
8.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	1.9E+00	2.5E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-01	4.4E-10	1.9E+00	5.2E-06
8.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-01	1.9E-10	1.9E+00	2.5E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-01	4.4E-10	1.9E+00	5.2E-06
8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	2.0E+00	2.5E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-01	4.4E-10	2.0E+00	5.2E-06
8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	2.0E+00	2.5E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-01	4.4E-10	2.0E+00	5.2E-06
8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	1.9E+00	2.5E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-01	4.4E-10	1.9E+00	5.2E-06
8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	1.9E+00	2.5E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-01	4.4E-10	1.9E+00	5.2E-06
8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10	1.9E+00	2.5E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-01	4.3E-10	1.9E+00	5.2E-06
8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.7E-10	1.9E+00	2.5E-06	1.0E-03	4.9E-09	1.6E-01	5.5E-01	4.2E-10	1.9E+00	5.2E-06
8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.6E-10	1.8E+00	2.5E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.2E-10	1.8E+00	5.2E-06
8.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.5E-10	1.8E+00	2.5E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.1E-10	1.8E+00	5.2E-06
8.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10	1.8E+00	2.5E-06	1.0E-03	4.6E-09	1.6E-01	5.5E-01	4.0E-10	1.8E+00	5.2E-06
8.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.4E-10	1.7E+00	2.5E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-01	3.9E-10	1.7E+00	5.2E-06
8.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.4E-10	1.7E+00	2.5E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10	1.7E+00	5.2E-06
8.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10	1.6E+00	2.5E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-01	3.6E-10	1.6E+00	5.2E-06

8.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-01	1.2E-10	1.6E+00	2.5E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-01	3.5E-10	1.6E+00	5.2E-06
8.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-01	1.2E-10	1.5E+00	2.5E-06	1.0E-03	3.9E-09	1.6E-01	5.5E-01	3.4E-10	1.5E+00	5.2E-06
8.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10	1.4E+00	2.5E-06	1.0E-03	3.6E-09	1.6E-01	5.5E-01	3.1E-10	1.4E+00	5.2E-06
8.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.5E-10	1.4E+00	2.5E-06	1.0E-03	3.7E-09	1.6E-01	5.5E-01	3.2E-10	1.4E+00	5.2E-06
8.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.6E-10	1.5E+00	2.5E-06	1.0E-03	3.9E-09	1.6E-01	5.5E-01	3.4E-10	1.5E+00	5.2E-06
8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.6E-10	1.5E+00	2.5E-06	1.0E-03	4.0E-09	1.6E-01	5.5E-01	3.5E-10	1.5E+00	5.2E-06
8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10	1.6E+00	2.5E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-01	3.6E-10	1.6E+00	5.2E-06
8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10	1.6E+00	2.5E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10	1.6E+00	5.2E-06
8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.8E-10	1.7E+00	2.5E-06	1.0E-03	4.4E-09	1.6E-01	5.5E-01	3.8E-10	1.7E+00	5.2E-06
8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	1.7E+00	2.5E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-01	3.9E-10	1.7E+00	5.2E-06
8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	1.7E+00	2.5E-06	1.0E-03	4.6E-09	1.6E-01	5.5E-01	3.9E-10	1.7E+00	5.2E-06
8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	1.8E+00	2.5E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.0E-10	1.8E+00	5.2E-06
8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	1.8E+00	2.5E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.1E-10	1.8E+00	5.2E-06
8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	1.8E+00	2.5E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.1E-10	1.8E+00	5.2E-06
8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.8E-10	1.8E+00	2.5E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.1E-10	1.8E+00	5.2E-06
8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10	1.8E+00	2.5E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.1E-10	1.8E+00	5.2E-06
8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10	1.8E+00	2.5E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.1E-10	1.8E+00	5.2E-06
8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.7E-10	1.8E+00	2.5E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.1E-10	1.8E+00	5.2E-06
8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.6E-10	1.8E+00	2.5E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.0E-10	1.8E+00	5.2E-06
8.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.6E-10	1.8E+00	2.5E-06	1.0E-03	4.6E-09	1.6E-01	5.5E-01	4.0E-10	1.8E+00	5.2E-06
8.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.5E-10	1.7E+00	2.5E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-01	3.9E-10	1.7E+00	5.2E-06
8.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10	1.7E+00	2.5E-06	1.0E-03	4.4E-09	1.6E-01	5.5E-01	3.8E-10	1.7E+00	5.2E-06
8.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.4E-10	1.6E+00	2.5E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10	1.6E+00	5.2E-06
8.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.3E-10	1.6E+00	2.5E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-01	3.6E-10	1.6E+00	5.2E-06
8.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10	1.6E+00	2.5E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-01	3.5E-10	1.6E+00	5.2E-06
8.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-01	1.2E-10	1.5E+00	2.5E-06	1.0E-03	4.0E-09	1.6E-01	5.5E-01	3.4E-10	1.5E+00	5.2E-06
8.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-01	1.2E-10	1.5E+00	2.5E-06	1.0E-03	3.9E-09	1.6E-01	5.5E-01	3.3E-10	1.5E+00	5.2E-06
8.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10	1.4E+00	2.5E-06	1.0E-03	3.7E-09	1.6E-01	5.5E-01	3.2E-10	1.4E+00	5.2E-06

Franklin School Project

Risk From New Building Const - Unmitigated Residential

Haul Route 1A							Haul Route 2A				
D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.6E-10	3.9E+00	5.5E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-01	1.9E-10
1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	4.4E+00	5.5E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.2E-10
1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.1E-10	4.7E+00	5.5E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10
1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10	4.8E+00	5.5E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10
1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.7E-10	4.8E+00	5.5E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10
1.0E-03	3.5E-09	1.6E-01	5.5E-01	3.0E-10	4.7E+00	5.5E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10
1.0E-03	3.8E-09	1.6E-01	5.5E-01	3.3E-10	4.3E+00	5.5E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.1E-10
1.0E-03	4.1E-09	1.6E-01	5.5E-01	3.6E-10	3.6E+00	5.5E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10
1.0E-03	4.5E-09	1.6E-01	5.5E-01	3.9E-10	2.8E+00	5.5E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.4E-10
1.0E-03	5.0E-09	1.6E-01	5.5E-01	4.3E-10	2.2E+00	5.5E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10
1.0E-03	5.3E-09	1.6E-01	5.5E-01	4.6E-10	1.6E+00	5.5E-07	1.0E-03	9.5E-10	1.6E-01	5.5E-01	8.2E-11
1.0E-03	5.6E-09	1.6E-01	5.5E-01	4.8E-10	1.3E+00	5.5E-07	1.0E-03	7.4E-10	1.6E-01	5.5E-01	6.3E-11
1.0E-03	5.6E-09	1.6E-01	5.5E-01	4.8E-10	1.0E+00	5.5E-07	1.0E-03	5.8E-10	1.6E-01	5.5E-01	5.0E-11
1.0E-03	5.5E-09	1.6E-01	5.5E-01	4.7E-10	8.0E-01	5.5E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-01	4.0E-11
1.0E-03	5.1E-09	1.6E-01	5.5E-01	4.4E-10	6.5E-01	5.5E-07	1.0E-03	3.8E-10	1.6E-01	5.5E-01	3.3E-11
1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.1E-10	5.4E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.7E-11
1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	8.3E+00	5.5E-07	1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.1E-10
1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.2E-10	8.9E+00	5.5E-07	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10
1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	9.3E+00	5.5E-07	1.0E-03	5.4E-09	1.6E-01	5.5E-01	4.6E-10
1.0E-03	3.5E-09	1.6E-01	5.5E-01	3.0E-10	9.5E+00	5.5E-07	1.0E-03	5.5E-09	1.6E-01	5.5E-01	4.7E-10
1.0E-03	4.1E-09	1.6E-01	5.5E-01	3.5E-10	9.4E+00	5.5E-07	1.0E-03	5.5E-09	1.6E-01	5.5E-01	4.7E-10
1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.0E-10	9.0E+00	5.5E-07	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10
1.0E-03	5.3E-09	1.6E-01	5.5E-01	4.5E-10	7.7E+00	5.5E-07	1.0E-03	4.5E-09	1.6E-01	5.5E-01	3.9E-10
1.0E-03	5.8E-09	1.6E-01	5.5E-01	5.0E-10	5.3E+00	5.5E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.6E-10
1.0E-03	6.5E-09	1.6E-01	5.5E-01	5.6E-10	3.4E+00	5.5E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10
1.0E-03	7.2E-09	1.6E-01	5.5E-01	6.2E-10	2.3E+00	5.5E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-01	1.2E-10
1.0E-03	7.6E-09	1.6E-01	5.5E-01	6.6E-10	1.7E+00	5.5E-07	1.0E-03	9.6E-10	1.6E-01	5.5E-01	8.3E-11
1.0E-03	7.7E-09	1.6E-01	5.5E-01	6.7E-10	1.2E+00	5.5E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-01	6.1E-11
1.0E-03	7.4E-09	1.6E-01	5.5E-01	6.4E-10	9.4E-01	5.5E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-01	4.7E-11
1.0E-03	6.9E-09	1.6E-01	5.5E-01	5.9E-10	7.5E-01	5.5E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-01	3.7E-11
1.0E-03	6.2E-09	1.6E-01	5.5E-01	5.3E-10	6.1E-01	5.5E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-01	3.0E-11
1.0E-03	5.5E-09	1.6E-01	5.5E-01	4.7E-10	5.0E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.1E-10	6.9E+00	5.5E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-01	3.4E-10
1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	1.1E+01	5.5E-07	1.0E-03	6.4E-09	1.6E-01	5.5E-01	5.5E-10
1.0E-03	3.7E-09	1.6E-01	5.5E-01	3.2E-10	6.2E+00	5.5E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-01	3.1E-10
1.0E-03	4.6E-09	1.6E-01	5.5E-01	3.9E-10	6.1E+00	5.5E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-01	3.1E-10
1.0E-03	5.6E-09	1.6E-01	5.5E-01	4.8E-10	6.0E+00	5.5E-07	1.0E-03	3.5E-09	1.6E-01	5.5E-01	3.0E-10
1.0E-03	6.7E-09	1.6E-01	5.5E-01	5.7E-10	5.4E+00	5.5E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.7E-10
1.0E-03	7.7E-09	1.6E-01	5.5E-01	6.7E-10	6.2E+00	5.5E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-01	3.1E-10
1.0E-03	8.9E-09	1.6E-01	5.5E-01	7.6E-10	7.1E+00	5.5E-07	1.0E-03	4.1E-09	1.6E-01	5.5E-01	3.6E-10
1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.7E-10	3.6E+00	5.5E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10
1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.5E-10	2.2E+00	5.5E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10
1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.7E-10	1.5E+00	5.5E-07	1.0E-03	8.8E-10	1.6E-01	5.5E-01	7.6E-11

1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.3E-10	1.1E+00	5.5E-07	1.0E-03	6.4E-10	1.6E-01	5.5E-01	5.5E-11
1.0E-03	9.7E-09	1.6E-01	5.5E-01	8.4E-10	8.5E-01	5.5E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-01	4.2E-11
1.0E-03	8.5E-09	1.6E-01	5.5E-01	7.3E-10	6.7E-01	5.5E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-01	3.3E-11
1.0E-03	7.3E-09	1.6E-01	5.5E-01	6.2E-10	5.4E-01	5.5E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-01	2.7E-11
1.0E-03	6.1E-09	1.6E-01	5.5E-01	5.3E-10	4.5E-01	5.5E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-01	2.3E-11
1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10	6.3E+00	5.5E-07	1.0E-03	3.7E-09	1.6E-01	5.5E-01	3.2E-10
1.0E-03	3.6E-09	1.6E-01	5.5E-01	3.1E-10	1.0E+01	5.5E-07	1.0E-03	5.9E-09	1.6E-01	5.5E-01	5.1E-10
1.0E-03	4.6E-09	1.6E-01	5.5E-01	4.0E-10	5.6E+00	5.5E-07	1.0E-03	3.3E-09	1.6E-01	5.5E-01	2.8E-10
1.0E-03	6.1E-09	1.6E-01	5.5E-01	5.2E-10	5.5E+00	5.5E-07	1.0E-03	3.2E-09	1.6E-01	5.5E-01	2.7E-10
1.0E-03	8.0E-09	1.6E-01	5.5E-01	6.9E-10	5.3E+00	5.5E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10
1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.9E-10	4.5E+00	5.5E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.3E-10
1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	5.2E+00	5.5E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10
1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	6.0E+00	5.5E-07	1.0E-03	3.5E-09	1.6E-01	5.5E-01	3.0E-10
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1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.6E-09	1.9E+00	5.5E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.4E-11
1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09	1.3E+00	5.5E-07	1.0E-03	7.5E-10	1.6E-01	5.5E-01	6.4E-11
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1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	7.4E-01	5.5E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-01	3.7E-11
1.0E-03	9.9E-09	1.6E-01	5.5E-01	8.5E-10	5.9E-01	5.5E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-01	2.9E-11
1.0E-03	8.0E-09	1.6E-01	5.5E-01	6.9E-10	4.8E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
1.0E-03	6.5E-09	1.6E-01	5.5E-01	5.6E-10	4.0E-01	5.5E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-01	2.0E-11
1.0E-03	3.2E-09	1.6E-01	5.5E-01	2.7E-10	7.0E+00	5.5E-07	1.0E-03	4.1E-09	1.6E-01	5.5E-01	3.5E-10
1.0E-03	4.2E-09	1.6E-01	5.5E-01	3.6E-10	7.3E+00	5.5E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-01	3.6E-10
1.0E-03	5.8E-09	1.6E-01	5.5E-01	5.0E-10	7.4E+00	5.5E-07	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10
1.0E-03	8.2E-09	1.6E-01	5.5E-01	7.1E-10	7.3E+00	5.5E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-01	3.6E-10
1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	7.0E+00	5.5E-07	1.0E-03	4.1E-09	1.6E-01	5.5E-01	3.5E-10
1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.5E-09	6.4E+00	5.5E-07	1.0E-03	3.7E-09	1.6E-01	5.5E-01	3.2E-10
1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.1E-09	5.2E+00	5.5E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10
1.0E-03	3.0E-08	1.6E-01	5.5E-01	2.6E-09	3.4E+00	5.5E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10
1.0E-03	3.3E-08	1.6E-01	5.5E-01	2.9E-09	2.2E+00	5.5E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10
1.0E-03	3.0E-08	1.6E-01	5.5E-01	2.6E-09	1.5E+00	5.5E-07	1.0E-03	8.7E-10	1.6E-01	5.5E-01	7.5E-11
1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.1E-09	1.1E+00	5.5E-07	1.0E-03	6.2E-10	1.6E-01	5.5E-01	5.4E-11
1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.6E-09	8.2E-01	5.5E-07	1.0E-03	4.7E-10	1.6E-01	5.5E-01	4.1E-11
1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	6.4E-01	5.5E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-01	3.2E-11
1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.3E-10	5.2E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
1.0E-03	8.3E-09	1.6E-01	5.5E-01	7.2E-10	4.3E-01	5.5E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-01	2.2E-11
1.0E-03	6.6E-09	1.6E-01	5.5E-01	5.7E-10	3.6E-01	5.5E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-01	1.8E-11
1.0E-03	3.5E-09	1.6E-01	5.5E-01	3.0E-10	3.5E+00	5.5E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10
1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.1E-10	3.8E+00	5.5E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10
1.0E-03	6.9E-09	1.6E-01	5.5E-01	6.0E-10	3.8E+00	5.5E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10
1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.4E-10	3.8E+00	5.5E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10
1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.6E-09	3.7E+00	5.5E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10
1.0E-03	3.5E-08	1.6E-01	5.5E-01	3.0E-09	3.4E+00	5.5E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10
1.0E-03	6.1E-08	1.6E-01	5.5E-01	5.2E-09	2.9E+00	5.5E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.4E-10
1.0E-03	8.0E-08	1.6E-01	5.5E-01	6.9E-09	2.2E+00	5.5E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10
1.0E-03	6.9E-08	1.6E-01	5.5E-01	6.0E-09	1.6E+00	5.5E-07	1.0E-03	9.5E-10	1.6E-01	5.5E-01	8.2E-11
1.0E-03	4.7E-08	1.6E-01	5.5E-01	4.1E-09	1.2E+00	5.5E-07	1.0E-03	7.0E-10	1.6E-01	5.5E-01	6.0E-11
1.0E-03	3.1E-08	1.6E-01	5.5E-01	2.7E-09	9.1E-01	5.5E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-01	4.5E-11
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1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	5.7E-01	5.5E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-01	2.8E-11
1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.2E-10	4.7E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11
1.0E-03	8.0E-09	1.6E-01	5.5E-01	6.9E-10	3.9E-01	5.5E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-01	1.9E-11
1.0E-03	6.2E-09	1.6E-01	5.5E-01	5.4E-10	3.3E-01	5.5E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-01	1.7E-11
1.0E-03	3.7E-09	1.6E-01	5.5E-01	3.2E-10	2.2E+00	5.5E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10
1.0E-03	5.1E-09	1.6E-01	5.5E-01	4.4E-10	2.4E+00	5.5E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-01	1.2E-10
1.0E-03	7.8E-09	1.6E-01	5.5E-01	6.7E-10	2.4E+00	5.5E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-01	1.2E-10
1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	2.4E+00	5.5E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-01	1.2E-10
1.0E-03	2.7E-08	1.6E-01	5.5E-01	2.3E-09	2.4E+00	5.5E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-01	1.2E-10
1.0E-03	7.6E-08	1.6E-01	5.5E-01	6.6E-09	2.2E+00	5.5E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10
1.0E-03	2.9E-07	1.6E-01	5.5E-01	2.5E-08	1.9E+00	5.5E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.7E-11
1.0E-03	3.3E-07	1.6E-01	5.5E-01	2.8E-08	1.6E+00	5.5E-07	1.0E-03	9.3E-10	1.6E-01	5.5E-01	8.0E-11
1.0E-03	1.3E-07	1.6E-01	5.5E-01	1.1E-08	1.3E+00	5.5E-07	1.0E-03	7.5E-10	1.6E-01	5.5E-01	6.4E-11
1.0E-03	5.9E-08	1.6E-01	5.5E-01	5.1E-09	1.0E+00	5.5E-07	1.0E-03	5.8E-10	1.6E-01	5.5E-01	5.0E-11
1.0E-03	3.2E-08	1.6E-01	5.5E-01	2.8E-09	7.9E-01	5.5E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-01	3.9E-11
1.0E-03	2.0E-08	1.6E-01	5.5E-01	1.7E-09	6.3E-01	5.5E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-01	3.1E-11
1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.1E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
1.0E-03	9.7E-09	1.6E-01	5.5E-01	8.4E-10	4.3E-01	5.5E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-01	2.1E-11
1.0E-03	7.3E-09	1.6E-01	5.5E-01	6.2E-10	3.6E-01	5.5E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-01	1.8E-11
1.0E-03	5.6E-09	1.6E-01	5.5E-01	4.8E-10	3.1E-01	5.5E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-01	1.5E-11
1.0E-03	3.7E-09	1.6E-01	5.5E-01	3.2E-10	1.5E+00	5.5E-07	1.0E-03	8.7E-10	1.6E-01	5.5E-01	7.5E-11
1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10	1.6E+00	5.5E-07	1.0E-03	9.4E-10	1.6E-01	5.5E-01	8.1E-11
1.0E-03	8.0E-09	1.6E-01	5.5E-01	6.9E-10	1.7E+00	5.5E-07	1.0E-03	9.8E-10	1.6E-01	5.5E-01	8.4E-11
1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	1.7E+00	5.5E-07	1.0E-03	9.9E-10	1.6E-01	5.5E-01	8.5E-11
1.0E-03	3.0E-08	1.6E-01	5.5E-01	2.5E-09	1.7E+00	5.5E-07	1.0E-03	9.6E-10	1.6E-01	5.5E-01	8.3E-11
1.0E-03	5.2E-08	1.6E-01	5.5E-01	4.4E-09	8.5E-01	5.5E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-01	4.2E-11
1.0E-03	2.8E-08	1.6E-01	5.5E-01	2.4E-09	6.9E-01	5.5E-07	1.0E-03	4.0E-10	1.6E-01	5.5E-01	3.5E-11
1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09	5.7E-01	5.5E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-01	2.8E-11
1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	4.7E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11
1.0E-03	8.3E-09	1.6E-01	5.5E-01	7.2E-10	3.9E-01	5.5E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-01	2.0E-11
1.0E-03	6.3E-09	1.6E-01	5.5E-01	5.4E-10	3.3E-01	5.5E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-01	1.7E-11
1.0E-03	4.9E-09	1.6E-01	5.5E-01	4.2E-10	2.9E-01	5.5E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-01	1.4E-11
1.0E-03	3.6E-09	1.6E-01	5.5E-01	3.1E-10	1.1E+00	5.5E-07	1.0E-03	6.3E-10	1.6E-01	5.5E-01	5.4E-11
1.0E-03	4.9E-09	1.6E-01	5.5E-01	4.2E-10	1.2E+00	5.5E-07	1.0E-03	6.8E-10	1.6E-01	5.5E-01	5.9E-11
1.0E-03	7.3E-09	1.6E-01	5.5E-01	6.3E-10	1.2E+00	5.5E-07	1.0E-03	7.2E-10	1.6E-01	5.5E-01	6.2E-11
1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	1.3E+00	5.5E-07	1.0E-03	7.3E-10	1.6E-01	5.5E-01	6.3E-11
1.0E-03	2.2E-08	1.6E-01	5.5E-01	1.9E-09	1.2E+00	5.5E-07	1.0E-03	7.2E-10	1.6E-01	5.5E-01	6.2E-11
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1.0E-03	2.1E-08	1.6E-01	5.5E-01	1.8E-09	6.1E-01	5.5E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-01	3.0E-11
1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.2E-09	5.1E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
1.0E-03	9.5E-09	1.6E-01	5.5E-01	8.2E-10	4.3E-01	5.5E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-01	2.2E-11
1.0E-03	7.0E-09	1.6E-01	5.5E-01	6.0E-10	3.7E-01	5.5E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-01	1.8E-11
1.0E-03	5.4E-09	1.6E-01	5.5E-01	4.6E-10	3.1E-01	5.5E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-01	1.6E-11
1.0E-03	4.2E-09	1.6E-01	5.5E-01	3.6E-10	2.7E-01	5.5E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-01	1.4E-11
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1.0E-03	4.4E-09	1.6E-01	5.5E-01	3.8E-10	9.0E-01	5.5E-07	1.0E-03	5.2E-10	1.6E-01	5.5E-01	4.5E-11
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1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.2E-09	9.6E-01	5.5E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-01	4.8E-11

1.0E-03	2.2E-08	1.6E-01	5.5E-01	1.9E-09	6.1E-01	5.5E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-01	3.1E-11
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1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.3E-10	4.6E-01	5.5E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-01	2.3E-11
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1.0E-03	6.0E-09	1.6E-01	5.5E-01	5.2E-10	3.4E-01	5.5E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-01	1.7E-11
1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.0E-10	3.0E-01	5.5E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-01	1.5E-11
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1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.4E-09	5.3E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.7E-11
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1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.2E-10	5.3E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.6E-11
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1.0E-03	9.8E-09	1.6E-01	5.5E-01	8.4E-10	6.1E-01	5.5E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-01	3.0E-11
1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	5.8E-01	5.5E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-01	2.9E-11
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1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	5.1E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.8E-10	4.6E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11
1.0E-03	9.4E-09	1.6E-01	5.5E-01	8.1E-10	4.2E-01	5.5E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-01	2.1E-11
1.0E-03	7.1E-09	1.6E-01	5.5E-01	6.2E-10	3.7E-01	5.5E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-01	1.8E-11
1.0E-03	5.7E-09	1.6E-01	5.5E-01	4.9E-10	3.2E-01	5.5E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-01	1.6E-11
1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.1E-10	2.9E-01	5.5E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-01	1.5E-11
1.0E-03	3.8E-09	1.6E-01	5.5E-01	3.3E-10	2.6E-01	5.5E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-01	1.3E-11
1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.7E-10	2.3E-01	5.5E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-01	1.2E-11
1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	4.4E-01	5.5E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-01	2.2E-11
1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10	4.7E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11
1.0E-03	3.4E-09	1.6E-01	5.5E-01	2.9E-10	4.9E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10	5.0E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
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1.0E-03	8.2E-09	1.6E-01	5.5E-01	7.1E-10	4.9E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
1.0E-03	9.0E-09	1.6E-01	5.5E-01	7.7E-10	4.7E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11
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1.0E-03	8.4E-09	1.6E-01	5.5E-01	7.2E-10	4.0E-01	5.5E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-01	2.0E-11
1.0E-03	7.3E-09	1.6E-01	5.5E-01	6.3E-10	3.7E-01	5.5E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-01	1.8E-11
1.0E-03	6.1E-09	1.6E-01	5.5E-01	5.3E-10	3.3E-01	5.5E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-01	1.7E-11
1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.2E-10	2.9E-01	5.5E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-01	1.5E-11
1.0E-03	4.1E-09	1.6E-01	5.5E-01	3.6E-10	2.7E-01	5.5E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-01	1.3E-11

1.0E-03	3.4E-09	1.6E-01	5.5E-01	3.0E-10	2.4E-01	5.5E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-01	1.2E-11
1.0E-03	2.9E-09	1.6E-01	5.5E-01	2.5E-10	2.2E-01	5.5E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-01	1.1E-11
1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.7E-10	3.7E-01	5.5E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-01	1.8E-11
1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	3.9E-01	5.5E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-01	2.0E-11
1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10	4.1E-01	5.5E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-01	2.0E-11
1.0E-03	3.5E-09	1.6E-01	5.5E-01	3.0E-10	4.2E-01	5.5E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-01	2.1E-11
1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10	4.3E-01	5.5E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-01	2.1E-11
1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.4E-10	4.2E-01	5.5E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-01	2.1E-11
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1.0E-03	6.5E-09	1.6E-01	5.5E-01	5.6E-10	4.0E-01	5.5E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-01	2.0E-11
1.0E-03	6.6E-09	1.6E-01	5.5E-01	5.7E-10	3.8E-01	5.5E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-01	1.9E-11
1.0E-03	6.2E-09	1.6E-01	5.5E-01	5.4E-10	3.5E-01	5.5E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-01	1.8E-11
1.0E-03	5.5E-09	1.6E-01	5.5E-01	4.8E-10	3.2E-01	5.5E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-01	1.6E-11
1.0E-03	4.9E-09	1.6E-01	5.5E-01	4.2E-10	3.0E-01	5.5E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-01	1.5E-11
1.0E-03	4.2E-09	1.6E-01	5.5E-01	3.6E-10	2.7E-01	5.5E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-01	1.3E-11
1.0E-03	3.5E-09	1.6E-01	5.5E-01	3.0E-10	2.4E-01	5.5E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-01	1.2E-11
1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.7E-10	2.3E-01	5.5E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-01	1.1E-11
1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.3E-10	2.1E-01	5.5E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-01	1.0E-11
1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10	3.1E-01	5.5E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-01	1.6E-11
1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10	3.3E-01	5.5E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-01	1.7E-11
1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.1E-10	3.5E-01	5.5E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-01	1.7E-11
1.0E-03	2.9E-09	1.6E-01	5.5E-01	2.5E-10	3.6E-01	5.5E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-01	1.8E-11
1.0E-03	3.4E-09	1.6E-01	5.5E-01	3.0E-10	3.6E-01	5.5E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-01	1.8E-11
1.0E-03	4.0E-09	1.6E-01	5.5E-01	3.4E-10	3.6E-01	5.5E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-01	1.8E-11
1.0E-03	4.5E-09	1.6E-01	5.5E-01	3.9E-10	3.5E-01	5.5E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-01	1.8E-11
1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.2E-10	3.4E-01	5.5E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-01	1.7E-11
1.0E-03	5.0E-09	1.6E-01	5.5E-01	4.3E-10	3.3E-01	5.5E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-01	1.6E-11
1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.1E-10	3.1E-01	5.5E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-01	1.5E-11
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1.0E-03	4.2E-09	1.6E-01	5.5E-01	3.6E-10	2.7E-01	5.5E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-01	1.4E-11
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1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	1.7E-01	5.5E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-01	8.6E-12
1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.2E-10	2.4E-01	5.5E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-01	1.2E-11
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1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.1E-10	2.3E-01	5.5E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-01	1.2E-11
1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.2E-10	2.3E-01	5.5E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-01	1.1E-11
1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.2E-10	2.2E-01	5.5E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-01	1.1E-11
1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.2E-10	2.1E-01	5.5E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-01	1.0E-11
1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.1E-10	2.0E-01	5.5E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-01	1.0E-11
1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	1.9E-01	5.5E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-01	9.5E-12
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1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.7E-10	1.7E-01	5.5E-07	1.0E-03	9.7E-11	1.6E-01	5.5E-01	8.3E-12
1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.4E-10	1.5E-01	5.5E-07	1.0E-03	8.7E-11	1.6E-01	5.5E-01	7.5E-12
1.0E-03	7.6E-08	1.6E-01	5.5E-01	6.6E-09	2.2E+00	5.5E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10
1.0E-03	9.9E-08	1.6E-01	5.5E-01	8.5E-09	2.2E+00	5.5E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.1E-10
1.0E-03	1.3E-07	1.6E-01	5.5E-01	1.1E-08	2.1E+00	5.5E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.1E-10
1.0E-03	1.7E-07	1.6E-01	5.5E-01	1.5E-08	2.1E+00	5.5E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.0E-10
1.0E-03	2.3E-07	1.6E-01	5.5E-01	2.0E-08	2.0E+00	5.5E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.0E-10
1.0E-03	2.9E-07	1.6E-01	5.5E-01	2.5E-08	1.9E+00	5.5E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.7E-11
1.0E-03	3.4E-07	1.6E-01	5.5E-01	2.9E-08	1.9E+00	5.5E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.4E-11
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1.0E-03	3.6E-07	1.6E-01	5.5E-01	3.1E-08	1.7E+00	5.5E-07	1.0E-03	9.7E-10	1.6E-01	5.5E-01	8.4E-11
1.0E-03	3.3E-07	1.6E-01	5.5E-01	2.8E-08	1.6E+00	5.5E-07	1.0E-03	9.3E-10	1.6E-01	5.5E-01	8.0E-11
1.0E-03	2.8E-07	1.6E-01	5.5E-01	2.4E-08	1.5E+00	5.5E-07	1.0E-03	9.0E-10	1.6E-01	5.5E-01	7.7E-11
1.0E-03	2.3E-07	1.6E-01	5.5E-01	2.0E-08	1.5E+00	5.5E-07	1.0E-03	8.6E-10	1.6E-01	5.5E-01	7.4E-11
1.0E-03	1.9E-07	1.6E-01	5.5E-01	1.6E-08	1.4E+00	5.5E-07	1.0E-03	8.2E-10	1.6E-01	5.5E-01	7.1E-11
1.0E-03	1.5E-07	1.6E-01	5.5E-01	1.3E-08	1.3E+00	5.5E-07	1.0E-03	7.8E-10	1.6E-01	5.5E-01	6.7E-11
1.0E-03	1.3E-07	1.6E-01	5.5E-01	1.1E-08	1.3E+00	5.5E-07	1.0E-03	7.5E-10	1.6E-01	5.5E-01	6.4E-11

1.0E-03	1.1E-07	1.6E-01	5.5E-01	9.3E-09	1.2E+00	5.5E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-01	6.1E-11
1.0E-03	9.2E-08	1.6E-01	5.5E-01	7.9E-09	1.2E+00	5.5E-07	1.0E-03	6.8E-10	1.6E-01	5.5E-01	5.8E-11
1.0E-03	7.9E-08	1.6E-01	5.5E-01	6.8E-09	1.1E+00	5.5E-07	1.0E-03	6.4E-10	1.6E-01	5.5E-01	5.5E-11
1.0E-03	6.8E-08	1.6E-01	5.5E-01	5.8E-09	1.1E+00	5.5E-07	1.0E-03	6.1E-10	1.6E-01	5.5E-01	5.3E-11
1.0E-03	5.9E-08	1.6E-01	5.5E-01	5.1E-09	1.0E+00	5.5E-07	1.0E-03	5.8E-10	1.6E-01	5.5E-01	5.0E-11
1.0E-03	5.2E-08	1.6E-01	5.5E-01	4.4E-09	9.5E-01	5.5E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-01	4.8E-11
1.0E-03	4.6E-08	1.6E-01	5.5E-01	3.9E-09	9.1E-01	5.5E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-01	4.5E-11
1.0E-03	4.1E-08	1.6E-01	5.5E-01	3.5E-09	8.7E-01	5.5E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-01	4.3E-11
1.0E-03	3.6E-08	1.6E-01	5.5E-01	3.1E-09	8.3E-01	5.5E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-01	4.1E-11
1.0E-03	3.2E-08	1.6E-01	5.5E-01	2.8E-09	7.9E-01	5.5E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-01	3.9E-11
1.0E-03	8.7E-08	1.6E-01	5.5E-01	7.5E-09	2.0E+00	5.5E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.0E-10
1.0E-03	1.2E-07	1.6E-01	5.5E-01	1.0E-08	2.0E+00	5.5E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.0E-10
1.0E-03	1.6E-07	1.6E-01	5.5E-01	1.4E-08	2.0E+00	5.5E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.8E-11
1.0E-03	2.3E-07	1.6E-01	5.5E-01	2.0E-08	1.9E+00	5.5E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.6E-11
1.0E-03	8.2E-08	1.6E-01	5.5E-01	7.1E-09	1.9E+00	5.5E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.3E-11
1.0E-03	1.2E-07	1.6E-01	5.5E-01	1.0E-08	1.8E+00	5.5E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.0E-11
1.0E-03	1.7E-07	1.6E-01	5.5E-01	1.5E-08	1.8E+00	5.5E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-01	8.8E-11
1.0E-03	2.5E-07	1.6E-01	5.5E-01	2.2E-08	1.7E+00	5.5E-07	1.0E-03	9.9E-10	1.6E-01	5.5E-01	8.5E-11
1.0E-03	2.6E-07	1.6E-01	5.5E-01	2.2E-08	1.6E+00	5.5E-07	1.0E-03	9.5E-10	1.6E-01	5.5E-01	8.2E-11
1.0E-03	1.9E-07	1.6E-01	5.5E-01	1.6E-08	1.6E+00	5.5E-07	1.0E-03	9.2E-10	1.6E-01	5.5E-01	7.9E-11
1.0E-03	1.4E-07	1.6E-01	5.5E-01	1.2E-08	1.5E+00	5.5E-07	1.0E-03	8.8E-10	1.6E-01	5.5E-01	7.6E-11
1.0E-03	3.7E-07	1.6E-01	5.5E-01	3.2E-08	1.5E+00	5.5E-07	1.0E-03	8.5E-10	1.6E-01	5.5E-01	7.3E-11
1.0E-03	2.8E-07	1.6E-01	5.5E-01	2.4E-08	1.4E+00	5.5E-07	1.0E-03	8.1E-10	1.6E-01	5.5E-01	7.0E-11
1.0E-03	2.2E-07	1.6E-01	5.5E-01	1.9E-08	1.3E+00	5.5E-07	1.0E-03	7.8E-10	1.6E-01	5.5E-01	6.7E-11
1.0E-03	1.7E-07	1.6E-01	5.5E-01	1.5E-08	1.3E+00	5.5E-07	1.0E-03	7.5E-10	1.6E-01	5.5E-01	6.4E-11
1.0E-03	1.4E-07	1.6E-01	5.5E-01	1.2E-08	1.2E+00	5.5E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-01	6.1E-11
1.0E-03	1.1E-07	1.6E-01	5.5E-01	9.8E-09	1.2E+00	5.5E-07	1.0E-03	6.8E-10	1.6E-01	5.5E-01	5.9E-11
1.0E-03	9.5E-08	1.6E-01	5.5E-01	8.2E-09	1.1E+00	5.5E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-01	5.6E-11
1.0E-03	8.0E-08	1.6E-01	5.5E-01	6.9E-09	1.1E+00	5.5E-07	1.0E-03	6.2E-10	1.6E-01	5.5E-01	5.3E-11
1.0E-03	6.9E-08	1.6E-01	5.5E-01	5.9E-09	1.0E+00	5.5E-07	1.0E-03	5.9E-10	1.6E-01	5.5E-01	5.1E-11
1.0E-03	5.9E-08	1.6E-01	5.5E-01	5.1E-09	9.7E-01	5.5E-07	1.0E-03	5.6E-10	1.6E-01	5.5E-01	4.8E-11
1.0E-03	5.1E-08	1.6E-01	5.5E-01	4.4E-09	9.2E-01	5.5E-07	1.0E-03	5.4E-10	1.6E-01	5.5E-01	4.6E-11
1.0E-03	4.5E-08	1.6E-01	5.5E-01	3.9E-09	8.8E-01	5.5E-07	1.0E-03	5.1E-10	1.6E-01	5.5E-01	4.4E-11
1.0E-03	4.0E-08	1.6E-01	5.5E-01	3.5E-09	8.4E-01	5.5E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-01	4.2E-11
1.0E-03	3.6E-08	1.6E-01	5.5E-01	3.1E-09	8.0E-01	5.5E-07	1.0E-03	4.7E-10	1.6E-01	5.5E-01	4.0E-11
1.0E-03	3.2E-08	1.6E-01	5.5E-01	2.8E-09	7.7E-01	5.5E-07	1.0E-03	4.4E-10	1.6E-01	5.5E-01	3.8E-11
1.0E-03	9.7E-08	1.6E-01	5.5E-01	8.3E-09	1.9E+00	5.5E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.5E-11
1.0E-03	1.3E-07	1.6E-01	5.5E-01	1.2E-08	1.9E+00	5.5E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.3E-11
1.0E-03	2.0E-07	1.6E-01	5.5E-01	1.7E-08	1.8E+00	5.5E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.1E-11
1.0E-03	3.1E-07	1.6E-01	5.5E-01	2.6E-08	1.8E+00	5.5E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-01	8.9E-11
1.0E-03	9.7E-08	1.6E-01	5.5E-01	8.3E-09	1.7E+00	5.5E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-01	8.7E-11
1.0E-03	1.5E-07	1.6E-01	5.5E-01	1.3E-08	1.7E+00	5.5E-07	1.0E-03	9.9E-10	1.6E-01	5.5E-01	8.5E-11
1.0E-03	2.3E-07	1.6E-01	5.5E-01	2.0E-08	1.7E+00	5.5E-07	1.0E-03	9.6E-10	1.6E-01	5.5E-01	8.2E-11
1.0E-03	0.0E+00	1.6E-01	5.5E-01	0.0E+00	1.6E+00	5.5E-07	1.0E-03	9.3E-10	1.6E-01	5.5E-01	8.0E-11
1.0E-03	0.0E+00	1.6E-01	5.5E-01	0.0E+00	1.6E+00	5.5E-07	1.0E-03	9.0E-10	1.6E-01	5.5E-01	7.7E-11
1.0E-03	2.3E-07	1.6E-01	5.5E-01	2.0E-08	1.5E+00	5.5E-07	1.0E-03	8.7E-10	1.6E-01	5.5E-01	7.5E-11
1.0E-03	1.6E-07	1.6E-01	5.5E-01	1.4E-08	1.4E+00	5.5E-07	1.0E-03	8.4E-10	1.6E-01	5.5E-01	7.2E-11
1.0E-03	1.2E-07	1.6E-01	5.5E-01	1.0E-08	1.4E+00	5.5E-07	1.0E-03	8.0E-10	1.6E-01	5.5E-01	6.9E-11
1.0E-03	3.3E-07	1.6E-01	5.5E-01	2.9E-08	1.3E+00	5.5E-07	1.0E-03	7.7E-10	1.6E-01	5.5E-01	6.7E-11

1.0E-03	2.4E-07	1.6E-01	5.5E-01	2.1E-08	1.3E+00	5.5E-07	1.0E-03	7.4E-10	1.6E-01	5.5E-01	6.4E-11
1.0E-03	1.8E-07	1.6E-01	5.5E-01	1.6E-08	1.2E+00	5.5E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-01	6.1E-11
1.0E-03	1.4E-07	1.6E-01	5.5E-01	1.2E-08	1.2E+00	5.5E-07	1.0E-03	6.8E-10	1.6E-01	5.5E-01	5.9E-11
1.0E-03	1.2E-07	1.6E-01	5.5E-01	1.0E-08	1.1E+00	5.5E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-01	5.6E-11
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1.0E-03	5.8E-08	1.6E-01	5.5E-01	5.0E-09	9.4E-01	5.5E-07	1.0E-03	5.4E-10	1.6E-01	5.5E-01	4.7E-11
1.0E-03	5.1E-08	1.6E-01	5.5E-01	4.4E-09	9.0E-01	5.5E-07	1.0E-03	5.2E-10	1.6E-01	5.5E-01	4.5E-11
1.0E-03	4.4E-08	1.6E-01	5.5E-01	3.8E-09	8.6E-01	5.5E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-01	4.3E-11
1.0E-03	3.9E-08	1.6E-01	5.5E-01	3.4E-09	8.2E-01	5.5E-07	1.0E-03	4.7E-10	1.6E-01	5.5E-01	4.1E-11
1.0E-03	3.5E-08	1.6E-01	5.5E-01	3.0E-09	7.8E-01	5.5E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-01	3.9E-11
1.0E-03	3.1E-08	1.6E-01	5.5E-01	2.7E-09	7.5E-01	5.5E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-01	3.7E-11
1.0E-03	1.0E-07	1.6E-01	5.5E-01	8.8E-09	1.8E+00	5.5E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-01	8.9E-11
1.0E-03	1.5E-07	1.6E-01	5.5E-01	1.3E-08	1.8E+00	5.5E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-01	8.7E-11
1.0E-03	2.2E-07	1.6E-01	5.5E-01	1.9E-08	1.7E+00	5.5E-07	1.0E-03	9.9E-10	1.6E-01	5.5E-01	8.6E-11
1.0E-03	7.1E-08	1.6E-01	5.5E-01	6.1E-09	1.7E+00	5.5E-07	1.0E-03	9.7E-10	1.6E-01	5.5E-01	8.4E-11
1.0E-03	1.1E-07	1.6E-01	5.5E-01	9.1E-09	1.6E+00	5.5E-07	1.0E-03	9.5E-10	1.6E-01	5.5E-01	8.2E-11
1.0E-03	1.7E-07	1.6E-01	5.5E-01	1.4E-08	1.6E+00	5.5E-07	1.0E-03	9.3E-10	1.6E-01	5.5E-01	8.0E-11
1.0E-03	0.0E+00	1.6E-01	5.5E-01	0.0E+00	1.6E+00	5.5E-07	1.0E-03	9.0E-10	1.6E-01	5.5E-01	7.8E-11
1.0E-03	0.0E+00	1.6E-01	5.5E-01	0.0E+00	1.5E+00	5.5E-07	1.0E-03	8.8E-10	1.6E-01	5.5E-01	7.5E-11
1.0E-03	0.0E+00	1.6E-01	5.5E-01	0.0E+00	1.5E+00	5.5E-07	1.0E-03	8.5E-10	1.6E-01	5.5E-01	7.3E-11
1.0E-03	2.7E-07	1.6E-01	5.5E-01	2.3E-08	1.4E+00	5.5E-07	1.0E-03	8.2E-10	1.6E-01	5.5E-01	7.1E-11
1.0E-03	1.7E-07	1.6E-01	5.5E-01	1.5E-08	1.4E+00	5.5E-07	1.0E-03	7.9E-10	1.6E-01	5.5E-01	6.8E-11
1.0E-03	1.2E-07	1.6E-01	5.5E-01	1.1E-08	1.3E+00	5.5E-07	1.0E-03	7.6E-10	1.6E-01	5.5E-01	6.6E-11
1.0E-03	3.7E-07	1.6E-01	5.5E-01	3.2E-08	1.3E+00	5.5E-07	1.0E-03	7.4E-10	1.6E-01	5.5E-01	6.3E-11
1.0E-03	2.5E-07	1.6E-01	5.5E-01	2.2E-08	1.2E+00	5.5E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-01	6.1E-11
1.0E-03	1.9E-07	1.6E-01	5.5E-01	1.6E-08	1.2E+00	5.5E-07	1.0E-03	6.8E-10	1.6E-01	5.5E-01	5.9E-11
1.0E-03	1.4E-07	1.6E-01	5.5E-01	1.2E-08	1.1E+00	5.5E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-01	5.6E-11
1.0E-03	1.2E-07	1.6E-01	5.5E-01	1.0E-08	1.1E+00	5.5E-07	1.0E-03	6.3E-10	1.6E-01	5.5E-01	5.4E-11
1.0E-03	9.5E-08	1.6E-01	5.5E-01	8.1E-09	1.0E+00	5.5E-07	1.0E-03	6.0E-10	1.6E-01	5.5E-01	5.2E-11
1.0E-03	7.9E-08	1.6E-01	5.5E-01	6.8E-09	9.9E-01	5.5E-07	1.0E-03	5.7E-10	1.6E-01	5.5E-01	4.9E-11
1.0E-03	6.7E-08	1.6E-01	5.5E-01	5.7E-09	9.5E-01	5.5E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-01	4.7E-11
1.0E-03	5.7E-08	1.6E-01	5.5E-01	4.9E-09	9.1E-01	5.5E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-01	4.5E-11
1.0E-03	4.9E-08	1.6E-01	5.5E-01	4.2E-09	8.7E-01	5.5E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-01	4.3E-11
1.0E-03	4.3E-08	1.6E-01	5.5E-01	3.7E-09	8.3E-01	5.5E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-01	4.1E-11
1.0E-03	3.8E-08	1.6E-01	5.5E-01	3.3E-09	7.9E-01	5.5E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-01	4.0E-11
1.0E-03	3.4E-08	1.6E-01	5.5E-01	2.9E-09	7.6E-01	5.5E-07	1.0E-03	4.4E-10	1.6E-01	5.5E-01	3.8E-11
1.0E-03	3.0E-08	1.6E-01	5.5E-01	2.6E-09	7.3E-01	5.5E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-01	3.6E-11
1.0E-03	1.0E-07	1.6E-01	5.5E-01	8.8E-09	1.7E+00	5.5E-07	1.0E-03	9.7E-10	1.6E-01	5.5E-01	8.3E-11
1.0E-03	1.5E-07	1.6E-01	5.5E-01	1.3E-08	1.6E+00	5.5E-07	1.0E-03	9.5E-10	1.6E-01	5.5E-01	8.2E-11
1.0E-03	2.3E-07	1.6E-01	5.5E-01	1.9E-08	1.6E+00	5.5E-07	1.0E-03	9.3E-10	1.6E-01	5.5E-01	8.0E-11
1.0E-03	7.2E-08	1.6E-01	5.5E-01	6.2E-09	1.6E+00	5.5E-07	1.0E-03	9.1E-10	1.6E-01	5.5E-01	7.9E-11
1.0E-03	1.1E-07	1.6E-01	5.5E-01	9.2E-09	1.5E+00	5.5E-07	1.0E-03	8.9E-10	1.6E-01	5.5E-01	7.7E-11
1.0E-03	1.1E-07	1.6E-01	5.5E-01	9.5E-09	1.0E+00	5.5E-07	1.0E-03	6.0E-10	1.6E-01	5.5E-01	5.2E-11
1.0E-03	9.1E-08	1.6E-01	5.5E-01	7.8E-09	1.0E+00	5.5E-07	1.0E-03	5.8E-10	1.6E-01	5.5E-01	5.0E-11
1.0E-03	7.6E-08	1.6E-01	5.5E-01	6.5E-09	9.5E-01	5.5E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-01	4.8E-11
1.0E-03	6.4E-08	1.6E-01	5.5E-01	5.5E-09	9.2E-01	5.5E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-01	4.6E-11
1.0E-03	5.5E-08	1.6E-01	5.5E-01	4.7E-09	8.8E-01	5.5E-07	1.0E-03	5.1E-10	1.6E-01	5.5E-01	4.4E-11

1.0E-03	4.7E-08	1.6E-01	5.5E-01	4.1E-09	8.4E-01	5.5E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-01	4.2E-11
1.0E-03	4.1E-08	1.6E-01	5.5E-01	3.6E-09	8.1E-01	5.5E-07	1.0E-03	4.7E-10	1.6E-01	5.5E-01	4.0E-11
1.0E-03	3.6E-08	1.6E-01	5.5E-01	3.1E-09	7.7E-01	5.5E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-01	3.9E-11
1.0E-03	3.2E-08	1.6E-01	5.5E-01	2.8E-09	7.4E-01	5.5E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-01	3.7E-11
1.0E-03	2.9E-08	1.6E-01	5.5E-01	2.5E-09	7.1E-01	5.5E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-01	3.5E-11
1.0E-03	9.8E-08	1.6E-01	5.5E-01	8.4E-09	1.6E+00	5.5E-07	1.0E-03	9.1E-10	1.6E-01	5.5E-01	7.8E-11
1.0E-03	1.4E-07	1.6E-01	5.5E-01	1.2E-08	1.5E+00	5.5E-07	1.0E-03	9.0E-10	1.6E-01	5.5E-01	7.7E-11
1.0E-03	2.0E-07	1.6E-01	5.5E-01	1.8E-08	1.5E+00	5.5E-07	1.0E-03	8.8E-10	1.6E-01	5.5E-01	7.6E-11
1.0E-03	6.7E-08	1.6E-01	5.5E-01	5.8E-09	1.5E+00	5.5E-07	1.0E-03	8.6E-10	1.6E-01	5.5E-01	7.4E-11
1.0E-03	9.9E-08	1.6E-01	5.5E-01	8.5E-09	1.5E+00	5.5E-07	1.0E-03	8.4E-10	1.6E-01	5.5E-01	7.3E-11
1.0E-03	1.0E-07	1.6E-01	5.5E-01	8.9E-09	1.0E+00	5.5E-07	1.0E-03	5.8E-10	1.6E-01	5.5E-01	5.0E-11
1.0E-03	8.5E-08	1.6E-01	5.5E-01	7.3E-09	9.6E-01	5.5E-07	1.0E-03	5.6E-10	1.6E-01	5.5E-01	4.8E-11
1.0E-03	7.1E-08	1.6E-01	5.5E-01	6.1E-09	9.2E-01	5.5E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-01	4.6E-11
1.0E-03	6.0E-08	1.6E-01	5.5E-01	5.2E-09	8.8E-01	5.5E-07	1.0E-03	5.1E-10	1.6E-01	5.5E-01	4.4E-11
1.0E-03	5.2E-08	1.6E-01	5.5E-01	4.4E-09	8.5E-01	5.5E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-01	4.2E-11
1.0E-03	4.5E-08	1.6E-01	5.5E-01	3.9E-09	8.1E-01	5.5E-07	1.0E-03	4.7E-10	1.6E-01	5.5E-01	4.1E-11
1.0E-03	3.9E-08	1.6E-01	5.5E-01	3.4E-09	7.8E-01	5.5E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-01	3.9E-11
1.0E-03	3.5E-08	1.6E-01	5.5E-01	3.0E-09	7.5E-01	5.5E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-01	3.7E-11
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1.0E-03	2.8E-08	1.6E-01	5.5E-01	2.4E-09	6.9E-01	5.5E-07	1.0E-03	4.0E-10	1.6E-01	5.5E-01	3.5E-11
1.0E-03	8.9E-08	1.6E-01	5.5E-01	7.7E-09	1.5E+00	5.5E-07	1.0E-03	8.6E-10	1.6E-01	5.5E-01	7.4E-11
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1.0E-03	1.7E-07	1.6E-01	5.5E-01	1.4E-08	1.4E+00	5.5E-07	1.0E-03	8.3E-10	1.6E-01	5.5E-01	7.1E-11
1.0E-03	2.4E-07	1.6E-01	5.5E-01	2.1E-08	1.4E+00	5.5E-07	1.0E-03	8.1E-10	1.6E-01	5.5E-01	7.0E-11
1.0E-03	8.3E-08	1.6E-01	5.5E-01	7.1E-09	1.4E+00	5.5E-07	1.0E-03	8.0E-10	1.6E-01	5.5E-01	6.9E-11
1.0E-03	9.3E-08	1.6E-01	5.5E-01	8.0E-09	9.6E-01	5.5E-07	1.0E-03	5.6E-10	1.6E-01	5.5E-01	4.8E-11
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1.0E-03	4.8E-08	1.6E-01	5.5E-01	4.2E-09	8.2E-01	5.5E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-01	4.1E-11
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1.0E-03	7.8E-08	1.6E-01	5.5E-01	6.7E-09	1.4E+00	5.5E-07	1.0E-03	8.1E-10	1.6E-01	5.5E-01	7.0E-11
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1.0E-03	1.8E-07	1.6E-01	5.5E-01	1.5E-08	1.3E+00	5.5E-07	1.0E-03	7.7E-10	1.6E-01	5.5E-01	6.6E-11
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1.0E-03	2.5E-08	1.6E-01	5.5E-01	2.1E-09	6.6E-01	5.5E-07	1.0E-03	3.8E-10	1.6E-01	5.5E-01	3.3E-11
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1.0E-03	8.4E-08	1.6E-01	5.5E-01	7.2E-09	1.3E+00	5.5E-07	1.0E-03	7.5E-10	1.6E-01	5.5E-01	6.5E-11
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1.0E-03	2.3E-08	1.6E-01	5.5E-01	2.0E-09	6.4E-01	5.5E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-01	3.2E-11
1.0E-03	5.8E-08	1.6E-01	5.5E-01	5.0E-09	1.2E+00	5.5E-07	1.0E-03	7.2E-10	1.6E-01	5.5E-01	6.2E-11
1.0E-03	6.9E-08	1.6E-01	5.5E-01	6.0E-09	1.2E+00	5.5E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-01	6.1E-11
1.0E-03	8.5E-08	1.6E-01	5.5E-01	7.3E-09	1.2E+00	5.5E-07	1.0E-03	7.0E-10	1.6E-01	5.5E-01	6.1E-11
1.0E-03	1.0E-07	1.6E-01	5.5E-01	8.7E-09	1.2E+00	5.5E-07	1.0E-03	6.9E-10	1.6E-01	5.5E-01	6.0E-11
1.0E-03	1.2E-07	1.6E-01	5.5E-01	1.0E-08	1.2E+00	5.5E-07	1.0E-03	6.8E-10	1.6E-01	5.5E-01	5.8E-11
1.0E-03	6.3E-08	1.6E-01	5.5E-01	5.5E-09	8.5E-01	5.5E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-01	4.3E-11
1.0E-03	5.6E-08	1.6E-01	5.5E-01	4.8E-09	8.3E-01	5.5E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-01	4.1E-11
1.0E-03	4.9E-08	1.6E-01	5.5E-01	4.2E-09	8.0E-01	5.5E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-01	4.0E-11
1.0E-03	4.3E-08	1.6E-01	5.5E-01	3.7E-09	7.7E-01	5.5E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-01	3.9E-11
1.0E-03	3.8E-08	1.6E-01	5.5E-01	3.3E-09	7.5E-01	5.5E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-01	3.7E-11
1.0E-03	3.4E-08	1.6E-01	5.5E-01	2.9E-09	7.2E-01	5.5E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-01	3.6E-11
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1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.1E-09	6.5E-01	5.5E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-01	3.2E-11
1.0E-03	2.2E-08	1.6E-01	5.5E-01	1.9E-09	6.2E-01	5.5E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-01	3.1E-11
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1.0E-03	5.8E-08	1.6E-01	5.5E-01	5.0E-09	1.2E+00	5.5E-07	1.0E-03	6.8E-10	1.6E-01	5.5E-01	5.8E-11
1.0E-03	6.8E-08	1.6E-01	5.5E-01	5.8E-09	1.2E+00	5.5E-07	1.0E-03	6.7E-10	1.6E-01	5.5E-01	5.7E-11
1.0E-03	8.0E-08	1.6E-01	5.5E-01	6.9E-09	1.1E+00	5.5E-07	1.0E-03	6.6E-10	1.6E-01	5.5E-01	5.7E-11
1.0E-03	9.3E-08	1.6E-01	5.5E-01	8.0E-09	1.1E+00	5.5E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-01	5.6E-11
1.0E-03	5.6E-08	1.6E-01	5.5E-01	4.8E-09	8.2E-01	5.5E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-01	4.1E-11
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1.0E-03	3.9E-08	1.6E-01	5.5E-01	3.4E-09	7.5E-01	5.5E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-01	3.7E-11
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1.0E-03	2.8E-08	1.6E-01	5.5E-01	2.4E-09	6.8E-01	5.5E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-01	3.4E-11
1.0E-03	2.5E-08	1.6E-01	5.5E-01	2.2E-09	6.5E-01	5.5E-07	1.0E-03	3.8E-10	1.6E-01	5.5E-01	3.3E-11
1.0E-03	2.3E-08	1.6E-01	5.5E-01	2.0E-09	6.3E-01	5.5E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-01	3.1E-11
1.0E-03	2.1E-08	1.6E-01	5.5E-01	1.8E-09	6.1E-01	5.5E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-01	3.0E-11
1.0E-03	4.2E-08	1.6E-01	5.5E-01	3.6E-09	1.1E+00	5.5E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-01	5.6E-11
1.0E-03	4.9E-08	1.6E-01	5.5E-01	4.2E-09	1.1E+00	5.5E-07	1.0E-03	6.4E-10	1.6E-01	5.5E-01	5.5E-11
1.0E-03	5.6E-08	1.6E-01	5.5E-01	4.8E-09	1.1E+00	5.5E-07	1.0E-03	6.3E-10	1.6E-01	5.5E-01	5.5E-11

1.0E-03	6.5E-08	1.6E-01	5.5E-01	5.6E-09	1.1E+00	5.5E-07	1.0E-03	6.3E-10	1.6E-01	5.5E-01	5.4E-11
1.0E-03	7.4E-08	1.6E-01	5.5E-01	6.4E-09	1.1E+00	5.5E-07	1.0E-03	6.1E-10	1.6E-01	5.5E-01	5.3E-11
1.0E-03	4.9E-08	1.6E-01	5.5E-01	4.2E-09	7.9E-01	5.5E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-01	4.0E-11
1.0E-03	4.4E-08	1.6E-01	5.5E-01	3.8E-09	7.7E-01	5.5E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-01	3.8E-11
1.0E-03	3.9E-08	1.6E-01	5.5E-01	3.4E-09	7.5E-01	5.5E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-01	3.7E-11
1.0E-03	3.5E-08	1.6E-01	5.5E-01	3.0E-09	7.2E-01	5.5E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-01	3.6E-11
1.0E-03	3.2E-08	1.6E-01	5.5E-01	2.7E-09	7.0E-01	5.5E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-01	3.5E-11
1.0E-03	2.9E-08	1.6E-01	5.5E-01	2.5E-09	6.8E-01	5.5E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-01	3.4E-11
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1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.0E-09	6.3E-01	5.5E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-01	3.2E-11
1.0E-03	2.2E-08	1.6E-01	5.5E-01	1.9E-09	6.1E-01	5.5E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-01	3.1E-11
1.0E-03	2.0E-08	1.6E-01	5.5E-01	1.7E-09	5.9E-01	5.5E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-01	3.0E-11
1.0E-03	3.6E-08	1.6E-01	5.5E-01	3.1E-09	1.1E+00	5.5E-07	1.0E-03	6.2E-10	1.6E-01	5.5E-01	5.3E-11
1.0E-03	4.1E-08	1.6E-01	5.5E-01	3.6E-09	1.1E+00	5.5E-07	1.0E-03	6.1E-10	1.6E-01	5.5E-01	5.3E-11
1.0E-03	4.7E-08	1.6E-01	5.5E-01	4.1E-09	1.0E+00	5.5E-07	1.0E-03	6.0E-10	1.6E-01	5.5E-01	5.2E-11
1.0E-03	5.4E-08	1.6E-01	5.5E-01	4.6E-09	1.0E+00	5.5E-07	1.0E-03	6.0E-10	1.6E-01	5.5E-01	5.1E-11
1.0E-03	6.0E-08	1.6E-01	5.5E-01	5.2E-09	1.0E+00	5.5E-07	1.0E-03	5.9E-10	1.6E-01	5.5E-01	5.0E-11
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1.0E-03	2.9E-08	1.6E-01	5.5E-01	2.5E-09	6.7E-01	5.5E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-01	3.4E-11
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1.0E-03	2.5E-08	1.6E-01	5.5E-01	2.1E-09	6.3E-01	5.5E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-01	3.2E-11
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1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.5E-09	5.6E-01	5.5E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-01	2.8E-11
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1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	5.3E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.6E-11
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1.0E-03	2.6E-08	1.6E-01	5.5E-01	2.3E-09	8.6E-01	5.5E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-01	4.3E-11
1.0E-03	2.9E-08	1.6E-01	5.5E-01	2.5E-09	8.5E-01	5.5E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-01	4.3E-11
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1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	5.3E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
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1.0E-03	2.3E-08	1.6E-01	5.5E-01	2.0E-09	8.3E-01	5.5E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-01	4.1E-11
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1.0E-03	2.2E-08	1.6E-01	5.5E-01	1.9E-09	6.1E-01	5.5E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-01	3.1E-11
1.0E-03	2.1E-08	1.6E-01	5.5E-01	1.8E-09	6.0E-01	5.5E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-01	3.0E-11
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1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.4E-09	5.5E-01	5.5E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-01	2.7E-11
1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	5.3E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.6E-11
1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.1E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11

1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	5.0E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.5E-09	8.1E-01	5.5E-07	1.0E-03	4.7E-10	1.6E-01	5.5E-01	4.0E-11
1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.7E-09	8.0E-01	5.5E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-01	4.0E-11
1.0E-03	2.1E-08	1.6E-01	5.5E-01	1.8E-09	7.9E-01	5.5E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-01	4.0E-11
1.0E-03	2.2E-08	1.6E-01	5.5E-01	1.9E-09	7.8E-01	5.5E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-01	3.9E-11
1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.0E-09	7.7E-01	5.5E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-01	3.9E-11
1.0E-03	2.0E-08	1.6E-01	5.5E-01	1.7E-09	5.8E-01	5.5E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-01	2.9E-11
1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.6E-09	5.7E-01	5.5E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-01	2.8E-11
1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09	5.5E-01	5.5E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-01	2.8E-11
1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.4E-09	5.4E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.7E-11
1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	5.2E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.1E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
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1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	6.7E-01	5.5E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-01	3.3E-11
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1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	6.3E-01	5.5E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-01	3.2E-11
1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	4.9E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
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1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	4.7E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11
1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.9E-10	4.6E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11
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1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.9E-10	4.4E-01	5.5E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-01	2.2E-11
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1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	6.2E-01	5.5E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-01	3.1E-11
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1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	6.0E-01	5.5E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-01	3.0E-11
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1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	5.5E-01	5.5E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-01	2.7E-11
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1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.2E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.1E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.2E-09	5.1E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
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1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	4.9E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.1E-09	4.8E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
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1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.3E-10	4.5E-01	5.5E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-01	2.2E-11
1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.9E-10	4.4E-01	5.5E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-01	2.2E-11
1.0E-03	9.9E-09	1.6E-01	5.5E-01	8.5E-10	4.3E-01	5.5E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-01	2.1E-11
1.0E-03	9.8E-09	1.6E-01	5.5E-01	8.4E-10	6.1E-01	5.5E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-01	3.0E-11
1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.9E-10	6.0E-01	5.5E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-01	3.0E-11
1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.3E-10	6.0E-01	5.5E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-01	3.0E-11
1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.7E-10	5.9E-01	5.5E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-01	3.0E-11

1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	5.9E-01	5.5E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-01	2.9E-11
1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	5.8E-01	5.5E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-01	2.9E-11
1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.1E-09	5.8E-01	5.5E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-01	2.9E-11
1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	5.7E-01	5.5E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-01	2.8E-11
1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	5.6E-01	5.5E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-01	2.8E-11
1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	5.6E-01	5.5E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-01	2.8E-11
1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	5.5E-01	5.5E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-01	2.7E-11
1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.2E-09	5.4E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.7E-11
1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.2E-09	5.3E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.7E-11
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1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	5.1E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	5.0E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
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1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.8E-10	4.6E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11
1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.5E-10	4.5E-01	5.5E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-01	2.3E-11
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1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.6E-10	4.3E-01	5.5E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-01	2.2E-11
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1.0E-03	8.5E-09	1.6E-01	5.5E-01	7.3E-10	5.6E-01	5.5E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-01	2.8E-11

1.0E-03	8.8E-09	1.6E-01	5.5E-01	7.6E-10	5.6E-01	5.5E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-01	2.8E-11
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1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.3E-10	5.3E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.6E-11
1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.5E-10	5.3E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.6E-10	5.2E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.7E-10	5.1E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.8E-10	5.1E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.8E-10	5.0E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.8E-10	4.9E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
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1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.6E-10	4.8E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.5E-10	4.7E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11
1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.3E-10	4.6E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11
1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.1E-10	4.5E-01	5.5E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-01	2.3E-11
1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.9E-10	4.5E-01	5.5E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-01	2.2E-11
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1.0E-03	9.5E-09	1.6E-01	5.5E-01	8.1E-10	4.2E-01	5.5E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-01	2.1E-11
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1.0E-03	8.5E-09	1.6E-01	5.5E-01	7.3E-10	4.0E-01	5.5E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-01	2.0E-11
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1.0E-03	8.2E-09	1.6E-01	5.5E-01	7.1E-10	5.4E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.7E-11
1.0E-03	8.6E-09	1.6E-01	5.5E-01	7.4E-10	5.3E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.7E-11
1.0E-03	8.9E-09	1.6E-01	5.5E-01	7.7E-10	5.3E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.6E-11
1.0E-03	9.2E-09	1.6E-01	5.5E-01	7.9E-10	5.3E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.6E-11
1.0E-03	9.5E-09	1.6E-01	5.5E-01	8.2E-10	5.2E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
1.0E-03	9.7E-09	1.6E-01	5.5E-01	8.4E-10	5.2E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.6E-10	5.1E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.7E-10	5.1E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.9E-10	5.0E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
1.0E-03	1.0E-08	1.6E-01	5.5E-01	9.0E-10	5.0E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
1.0E-03	1.0E-08	1.6E-01	5.5E-01	9.0E-10	4.9E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.1E-10	4.8E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.1E-10	4.8E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
1.0E-03	1.0E-08	1.6E-01	5.5E-01	9.0E-10	4.7E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11
1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.9E-10	4.6E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11
1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.8E-10	4.6E-01	5.5E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-01	2.3E-11
1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.7E-10	4.5E-01	5.5E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-01	2.2E-11
1.0E-03	9.9E-09	1.6E-01	5.5E-01	8.5E-10	4.4E-01	5.5E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-01	2.2E-11
1.0E-03	9.7E-09	1.6E-01	5.5E-01	8.3E-10	4.3E-01	5.5E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-01	2.2E-11
1.0E-03	9.4E-09	1.6E-01	5.5E-01	8.1E-10	4.3E-01	5.5E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-01	2.1E-11
1.0E-03	9.2E-09	1.6E-01	5.5E-01	7.9E-10	4.2E-01	5.5E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-01	2.1E-11
1.0E-03	8.9E-09	1.6E-01	5.5E-01	7.7E-10	4.1E-01	5.5E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-01	2.1E-11
1.0E-03	8.6E-09	1.6E-01	5.5E-01	7.4E-10	4.0E-01	5.5E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-01	2.0E-11

1.0E-03	8.4E-09	1.6E-01	5.5E-01	7.2E-10	4.0E-01	5.5E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-01	2.0E-11
1.0E-03	8.1E-09	1.6E-01	5.5E-01	6.9E-10	3.9E-01	5.5E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-01	1.9E-11
1.0E-03	7.4E-09	1.6E-01	5.5E-01	6.4E-10	5.2E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
1.0E-03	7.7E-09	1.6E-01	5.5E-01	6.6E-10	5.2E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
1.0E-03	8.0E-09	1.6E-01	5.5E-01	6.9E-10	5.2E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
1.0E-03	8.3E-09	1.6E-01	5.5E-01	7.1E-10	5.1E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
1.0E-03	8.5E-09	1.6E-01	5.5E-01	7.4E-10	5.1E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
1.0E-03	8.8E-09	1.6E-01	5.5E-01	7.6E-10	5.0E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
1.0E-03	9.0E-09	1.6E-01	5.5E-01	7.8E-10	5.0E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
1.0E-03	9.2E-09	1.6E-01	5.5E-01	7.9E-10	5.0E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
1.0E-03	9.4E-09	1.6E-01	5.5E-01	8.1E-10	4.9E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
1.0E-03	9.6E-09	1.6E-01	5.5E-01	8.2E-10	4.9E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
1.0E-03	9.7E-09	1.6E-01	5.5E-01	8.3E-10	4.8E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
1.0E-03	9.7E-09	1.6E-01	5.5E-01	8.4E-10	4.7E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.4E-11
1.0E-03	9.8E-09	1.6E-01	5.5E-01	8.4E-10	4.7E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11
1.0E-03	9.8E-09	1.6E-01	5.5E-01	8.4E-10	4.6E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11
1.0E-03	9.7E-09	1.6E-01	5.5E-01	8.4E-10	4.6E-01	5.5E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-01	2.3E-11
1.0E-03	9.7E-09	1.6E-01	5.5E-01	8.3E-10	4.5E-01	5.5E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-01	2.2E-11
1.0E-03	9.6E-09	1.6E-01	5.5E-01	8.3E-10	4.4E-01	5.5E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-01	2.2E-11
1.0E-03	9.5E-09	1.6E-01	5.5E-01	8.1E-10	4.4E-01	5.5E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-01	2.2E-11
1.0E-03	9.3E-09	1.6E-01	5.5E-01	8.0E-10	4.3E-01	5.5E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-01	2.1E-11
1.0E-03	9.1E-09	1.6E-01	5.5E-01	7.8E-10	4.2E-01	5.5E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-01	2.1E-11
1.0E-03	8.9E-09	1.6E-01	5.5E-01	7.6E-10	4.1E-01	5.5E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-01	2.1E-11
1.0E-03	8.7E-09	1.6E-01	5.5E-01	7.5E-10	4.1E-01	5.5E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-01	2.0E-11
1.0E-03	8.4E-09	1.6E-01	5.5E-01	7.3E-10	4.0E-01	5.5E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-01	2.0E-11
1.0E-03	8.2E-09	1.6E-01	5.5E-01	7.1E-10	3.9E-01	5.5E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-01	2.0E-11
1.0E-03	7.9E-09	1.6E-01	5.5E-01	6.8E-10	3.9E-01	5.5E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-01	1.9E-11
1.0E-03	7.7E-09	1.6E-01	5.5E-01	6.6E-10	3.8E-01	5.5E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-01	1.9E-11

Risk From New Building AC - Unmitigated Residential

Franklin School Project
Risk From New Building AC - Unmitigated Residential

	0.30	Max					Onsite		
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
1	0.00	8.0E-10	1.8E-01	9.9E-04	1.0E-03	1.8E-07	1.6E-01	2.7E-02	8.0E-10
2	0.00	8.7E-10	2.0E-01	9.9E-04	1.0E-03	2.0E-07	1.6E-01	2.7E-02	8.7E-10
3	0.00	9.5E-10	2.1E-01	9.9E-04	1.0E-03	2.2E-07	1.6E-01	2.7E-02	9.5E-10
4	0.00	1.0E-09	2.3E-01	9.9E-04	1.0E-03	2.4E-07	1.6E-01	2.7E-02	1.0E-09
5	0.00	1.1E-09	2.5E-01	9.9E-04	1.0E-03	2.6E-07	1.6E-01	2.7E-02	1.1E-09
6	0.00	1.2E-09	2.7E-01	9.9E-04	1.0E-03	2.8E-07	1.6E-01	2.7E-02	1.2E-09
7	0.00	1.3E-09	2.9E-01	9.9E-04	1.0E-03	2.9E-07	1.6E-01	2.7E-02	1.3E-09
8	0.00	1.3E-09	3.0E-01	9.9E-04	1.0E-03	3.1E-07	1.6E-01	2.7E-02	1.3E-09
9	0.00	1.4E-09	3.2E-01	9.9E-04	1.0E-03	3.3E-07	1.6E-01	2.7E-02	1.4E-09
10	0.00	1.5E-09	3.3E-01	9.9E-04	1.0E-03	3.4E-07	1.6E-01	2.7E-02	1.5E-09
11	0.00	1.6E-09	3.5E-01	9.9E-04	1.0E-03	3.7E-07	1.6E-01	2.7E-02	1.6E-09
12	0.00	1.7E-09	3.8E-01	9.9E-04	1.0E-03	3.9E-07	1.6E-01	2.7E-02	1.7E-09
13	0.00	1.8E-09	4.0E-01	9.9E-04	1.0E-03	4.1E-07	1.6E-01	2.7E-02	1.8E-09
14	0.00	1.9E-09	4.2E-01	9.9E-04	1.0E-03	4.4E-07	1.6E-01	2.7E-02	1.9E-09
15	0.00	2.0E-09	4.4E-01	9.9E-04	1.0E-03	4.5E-07	1.6E-01	2.7E-02	2.0E-09
16	0.00	2.0E-09	4.5E-01	9.9E-04	1.0E-03	4.7E-07	1.6E-01	2.7E-02	2.0E-09
17	0.00	8.9E-10	2.0E-01	9.9E-04	1.0E-03	2.1E-07	1.6E-01	2.7E-02	8.9E-10
18	0.00	9.8E-10	2.2E-01	9.9E-04	1.0E-03	2.3E-07	1.6E-01	2.7E-02	9.8E-10
19	0.00	1.1E-09	2.4E-01	9.9E-04	1.0E-03	2.5E-07	1.6E-01	2.7E-02	1.1E-09
20	0.00	1.2E-09	2.7E-01	9.9E-04	1.0E-03	2.8E-07	1.6E-01	2.7E-02	1.2E-09
21	0.00	1.3E-09	2.9E-01	9.9E-04	1.0E-03	3.0E-07	1.6E-01	2.7E-02	1.3E-09
22	0.00	1.4E-09	3.2E-01	9.9E-04	1.0E-03	3.3E-07	1.6E-01	2.7E-02	1.4E-09
23	0.00	1.5E-09	3.4E-01	9.9E-04	1.0E-03	3.5E-07	1.6E-01	2.7E-02	1.5E-09
24	0.00	1.6E-09	3.6E-01	9.9E-04	1.0E-03	3.8E-07	1.6E-01	2.7E-02	1.6E-09
25	0.00	1.7E-09	3.9E-01	9.9E-04	1.0E-03	4.0E-07	1.6E-01	2.7E-02	1.7E-09
26	0.00	1.8E-09	4.1E-01	9.9E-04	1.0E-03	4.2E-07	1.6E-01	2.7E-02	1.8E-09
27	0.00	2.0E-09	4.4E-01	9.9E-04	1.0E-03	4.6E-07	1.6E-01	2.7E-02	2.0E-09
28	0.00	2.1E-09	4.8E-01	9.9E-04	1.0E-03	4.9E-07	1.6E-01	2.7E-02	2.1E-09
29	0.00	2.3E-09	5.1E-01	9.9E-04	1.0E-03	5.2E-07	1.6E-01	2.7E-02	2.3E-09
30	0.00	2.4E-09	5.3E-01	9.9E-04	1.0E-03	5.5E-07	1.6E-01	2.7E-02	2.4E-09
31	0.00	2.5E-09	5.5E-01	9.9E-04	1.0E-03	5.7E-07	1.6E-01	2.7E-02	2.5E-09
32	0.00	2.5E-09	5.6E-01	9.9E-04	1.0E-03	5.8E-07	1.6E-01	2.7E-02	2.5E-09
33	0.00	1.0E-09	2.2E-01	9.9E-04	1.0E-03	2.3E-07	1.6E-01	2.7E-02	1.0E-09
34	0.00	1.1E-09	2.5E-01	9.9E-04	1.0E-03	2.6E-07	1.6E-01	2.7E-02	1.1E-09
35	0.00	1.3E-09	2.8E-01	9.9E-04	1.0E-03	2.9E-07	1.6E-01	2.7E-02	1.3E-09
36	0.00	1.4E-09	3.1E-01	9.9E-04	1.0E-03	3.2E-07	1.6E-01	2.7E-02	1.4E-09
37	0.00	1.6E-09	3.5E-01	9.9E-04	1.0E-03	3.6E-07	1.6E-01	2.7E-02	1.6E-09
38	0.00	1.7E-09	3.8E-01	9.9E-04	1.0E-03	4.0E-07	1.6E-01	2.7E-02	1.7E-09
39	0.00	1.9E-09	4.2E-01	9.9E-04	1.0E-03	4.3E-07	1.6E-01	2.7E-02	1.9E-09
40	0.00	2.0E-09	4.5E-01	9.9E-04	1.0E-03	4.7E-07	1.6E-01	2.7E-02	2.0E-09
41	0.00	2.1E-09	4.8E-01	9.9E-04	1.0E-03	5.0E-07	1.6E-01	2.7E-02	2.1E-09
42	0.00	2.3E-09	5.2E-01	9.9E-04	1.0E-03	5.3E-07	1.6E-01	2.7E-02	2.3E-09
43	0.00	2.5E-09	5.7E-01	9.9E-04	1.0E-03	5.9E-07	1.6E-01	2.7E-02	2.5E-09

44	0.00	2.7E-09	6.2E-01	9.9E-04	1.0E-03	6.4E-07	1.6E-01	2.7E-02	2.7E-09
45	0.00	2.9E-09	6.6E-01	9.9E-04	1.0E-03	6.8E-07	1.6E-01	2.7E-02	2.9E-09
46	0.00	3.1E-09	6.9E-01	9.9E-04	1.0E-03	7.1E-07	1.6E-01	2.7E-02	3.1E-09
47	0.00	3.1E-09	7.1E-01	9.9E-04	1.0E-03	7.3E-07	1.6E-01	2.7E-02	3.1E-09
48	0.00	3.1E-09	7.0E-01	9.9E-04	1.0E-03	7.3E-07	1.6E-01	2.7E-02	3.1E-09
49	0.00	1.1E-09	2.5E-01	9.9E-04	1.0E-03	2.6E-07	1.6E-01	2.7E-02	1.1E-09
50	0.00	1.3E-09	2.9E-01	9.9E-04	1.0E-03	3.0E-07	1.6E-01	2.7E-02	1.3E-09
51	0.00	1.5E-09	3.3E-01	9.9E-04	1.0E-03	3.4E-07	1.6E-01	2.7E-02	1.5E-09
52	0.00	1.7E-09	3.7E-01	9.9E-04	1.0E-03	3.8E-07	1.6E-01	2.7E-02	1.7E-09
53	0.00	1.9E-09	4.2E-01	9.9E-04	1.0E-03	4.4E-07	1.6E-01	2.7E-02	1.9E-09
54	0.00	2.1E-09	4.7E-01	9.9E-04	1.0E-03	4.9E-07	1.6E-01	2.7E-02	2.1E-09
55	0.00	2.3E-09	5.2E-01	9.9E-04	1.0E-03	5.4E-07	1.6E-01	2.7E-02	2.3E-09
56	0.00	2.5E-09	5.7E-01	9.9E-04	1.0E-03	5.9E-07	1.6E-01	2.7E-02	2.5E-09
57	0.00	2.8E-09	6.2E-01	9.9E-04	1.0E-03	6.4E-07	1.6E-01	2.7E-02	2.8E-09
58	0.00	3.0E-09	6.8E-01	9.9E-04	1.0E-03	7.0E-07	1.6E-01	2.7E-02	3.0E-09
59	0.00	3.4E-09	7.7E-01	9.9E-04	1.0E-03	7.9E-07	1.6E-01	2.7E-02	3.4E-09
60	0.00	3.7E-09	8.3E-01	9.9E-04	1.0E-03	8.6E-07	1.6E-01	2.7E-02	3.7E-09
61	0.00	3.9E-09	8.9E-01	9.9E-04	1.0E-03	9.1E-07	1.6E-01	2.7E-02	3.9E-09
62	0.00	4.1E-09	9.1E-01	9.9E-04	1.0E-03	9.4E-07	1.6E-01	2.7E-02	4.1E-09
63	0.00	4.1E-09	9.1E-01	9.9E-04	1.0E-03	9.4E-07	1.6E-01	2.7E-02	4.1E-09
64	0.00	3.9E-09	8.8E-01	9.9E-04	1.0E-03	9.1E-07	1.6E-01	2.7E-02	3.9E-09
65	0.00	1.3E-09	2.8E-01	9.9E-04	1.0E-03	2.9E-07	1.6E-01	2.7E-02	1.3E-09
66	0.00	1.5E-09	3.3E-01	9.9E-04	1.0E-03	3.4E-07	1.6E-01	2.7E-02	1.5E-09
67	0.00	1.7E-09	3.8E-01	9.9E-04	1.0E-03	3.9E-07	1.6E-01	2.7E-02	1.7E-09
68	0.00	2.0E-09	4.4E-01	9.9E-04	1.0E-03	4.6E-07	1.6E-01	2.7E-02	2.0E-09
69	0.00	2.3E-09	5.2E-01	9.9E-04	1.0E-03	5.3E-07	1.6E-01	2.7E-02	2.3E-09
70	0.00	2.7E-09	6.0E-01	9.9E-04	1.0E-03	6.2E-07	1.6E-01	2.7E-02	2.7E-09
71	0.00	3.0E-09	6.8E-01	9.9E-04	1.0E-03	7.0E-07	1.6E-01	2.7E-02	3.0E-09
72	0.00	3.3E-09	7.5E-01	9.9E-04	1.0E-03	7.8E-07	1.6E-01	2.7E-02	3.3E-09
73	0.00	3.7E-09	8.4E-01	9.9E-04	1.0E-03	8.6E-07	1.6E-01	2.7E-02	3.7E-09
74	0.00	4.2E-09	9.5E-01	9.9E-04	1.0E-03	9.9E-07	1.6E-01	2.7E-02	4.2E-09
75	0.00	4.8E-09	1.1E+00	9.9E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.8E-09
76	0.01	5.2E-09	1.2E+00	9.9E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.2E-09
77	0.01	5.5E-09	1.2E+00	9.9E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.5E-09
78	0.01	5.5E-09	1.2E+00	9.9E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.5E-09
79	0.01	5.2E-09	1.2E+00	9.9E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.2E-09
80	0.00	4.9E-09	1.1E+00	9.9E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.9E-09
81	0.00	1.4E-09	3.1E-01	9.9E-04	1.0E-03	3.3E-07	1.6E-01	2.7E-02	1.4E-09
82	0.00	1.7E-09	3.7E-01	9.9E-04	1.0E-03	3.8E-07	1.6E-01	2.7E-02	1.7E-09
83	0.00	2.0E-09	4.5E-01	9.9E-04	1.0E-03	4.6E-07	1.6E-01	2.7E-02	2.0E-09
84	0.00	2.4E-09	5.4E-01	9.9E-04	1.0E-03	5.5E-07	1.6E-01	2.7E-02	2.4E-09
85	0.00	2.9E-09	6.5E-01	9.9E-04	1.0E-03	6.7E-07	1.6E-01	2.7E-02	2.9E-09
86	0.00	3.4E-09	7.7E-01	9.9E-04	1.0E-03	8.0E-07	1.6E-01	2.7E-02	3.4E-09
87	0.00	4.1E-09	9.1E-01	9.9E-04	1.0E-03	9.4E-07	1.6E-01	2.7E-02	4.1E-09
88	0.00	4.7E-09	1.1E+00	9.9E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.7E-09
89	0.01	5.3E-09	1.2E+00	9.9E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.3E-09
90	0.01	6.3E-09	1.4E+00	9.9E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.3E-09
91	0.01	7.1E-09	1.6E+00	9.9E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-02	7.1E-09
92	0.01	7.7E-09	1.7E+00	9.9E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.7E-09

93	0.01	7.8E-09	1.7E+00	9.9E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.8E-09
94	0.01	7.4E-09	1.7E+00	9.9E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.4E-09
95	0.01	6.7E-09	1.5E+00	9.9E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-02	6.7E-09
96	0.01	5.9E-09	1.3E+00	9.9E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	5.9E-09
97	0.00	1.5E-09	3.5E-01	9.9E-04	1.0E-03	3.6E-07	1.6E-01	2.7E-02	1.5E-09
98	0.00	1.9E-09	4.2E-01	9.9E-04	1.0E-03	4.4E-07	1.6E-01	2.7E-02	1.9E-09
99	0.00	2.3E-09	5.2E-01	9.9E-04	1.0E-03	5.4E-07	1.6E-01	2.7E-02	2.3E-09
100	0.00	2.9E-09	6.5E-01	9.9E-04	1.0E-03	6.7E-07	1.6E-01	2.7E-02	2.9E-09
101	0.00	3.6E-09	8.2E-01	9.9E-04	1.0E-03	8.4E-07	1.6E-01	2.7E-02	3.6E-09
102	0.00	4.6E-09	1.0E+00	9.9E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.6E-09
103	0.01	5.7E-09	1.3E+00	9.9E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.7E-09
104	0.01	7.0E-09	1.6E+00	9.9E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-02	7.0E-09
105	0.01	8.3E-09	1.9E+00	9.9E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.3E-09
106	0.01	1.0E-08	2.3E+00	9.9E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
107	0.01	1.1E-08	2.6E+00	9.9E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.1E-08
108	0.01	1.2E-08	2.7E+00	9.9E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08
109	0.01	1.1E-08	2.5E+00	9.9E-04	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
110	0.01	9.7E-09	2.2E+00	9.9E-04	1.0E-03	2.3E-06	1.6E-01	2.7E-02	9.7E-09
111	0.01	8.2E-09	1.9E+00	9.9E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.2E-09
112	0.01	6.9E-09	1.6E+00	9.9E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-02	6.9E-09
113	0.00	1.7E-09	3.8E-01	9.9E-04	1.0E-03	3.9E-07	1.6E-01	2.7E-02	1.7E-09
114	0.00	2.1E-09	4.7E-01	9.9E-04	1.0E-03	4.9E-07	1.6E-01	2.7E-02	2.1E-09
115	0.00	2.7E-09	6.0E-01	9.9E-04	1.0E-03	6.2E-07	1.6E-01	2.7E-02	2.7E-09
116	0.00	3.5E-09	7.8E-01	9.9E-04	1.0E-03	8.1E-07	1.6E-01	2.7E-02	3.5E-09
117	0.00	4.6E-09	1.0E+00	9.9E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.6E-09
118	0.02	1.9E-08	4.2E+00	9.9E-04	1.0E-03	4.4E-06	1.6E-01	2.7E-02	1.9E-08
119	0.02	2.0E-08	4.5E+00	9.9E-04	1.0E-03	4.7E-06	1.6E-01	2.7E-02	2.0E-08
120	0.02	1.9E-08	4.2E+00	9.9E-04	1.0E-03	4.3E-06	1.6E-01	2.7E-02	1.9E-08
121	0.02	1.5E-08	3.5E+00	9.9E-04	1.0E-03	3.6E-06	1.6E-01	2.7E-02	1.5E-08
122	0.01	1.2E-08	2.8E+00	9.9E-04	1.0E-03	2.8E-06	1.6E-01	2.7E-02	1.2E-08
123	0.01	9.6E-09	2.2E+00	9.9E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.6E-09
124	0.01	7.6E-09	1.7E+00	9.9E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.6E-09
125	0.00	1.8E-09	4.1E-01	9.9E-04	1.0E-03	4.2E-07	1.6E-01	2.7E-02	1.8E-09
126	0.00	2.3E-09	5.2E-01	9.9E-04	1.0E-03	5.3E-07	1.6E-01	2.7E-02	2.3E-09
127	0.00	3.0E-09	6.8E-01	9.9E-04	1.0E-03	7.0E-07	1.6E-01	2.7E-02	3.0E-09
128	0.00	4.1E-09	9.2E-01	9.9E-04	1.0E-03	9.5E-07	1.6E-01	2.7E-02	4.1E-09
129	0.01	5.8E-09	1.3E+00	9.9E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.8E-09
130	0.04	4.2E-08	9.4E+00	9.9E-04	1.0E-03	9.7E-06	1.6E-01	2.7E-02	4.2E-08
131	0.04	3.7E-08	8.3E+00	9.9E-04	1.0E-03	8.6E-06	1.6E-01	2.7E-02	3.7E-08
132	0.03	2.7E-08	6.1E+00	9.9E-04	1.0E-03	6.3E-06	1.6E-01	2.7E-02	2.7E-08
133	0.02	2.0E-08	4.4E+00	9.9E-04	1.0E-03	4.6E-06	1.6E-01	2.7E-02	2.0E-08
134	0.01	1.4E-08	3.1E+00	9.9E-04	1.0E-03	3.3E-06	1.6E-01	2.7E-02	1.4E-08
135	0.01	1.0E-08	2.3E+00	9.9E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
136	0.01	7.7E-09	1.7E+00	9.9E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.7E-09
137	0.00	1.9E-09	4.3E-01	9.9E-04	1.0E-03	4.4E-07	1.6E-01	2.7E-02	1.9E-09
138	0.00	2.4E-09	5.5E-01	9.9E-04	1.0E-03	5.7E-07	1.6E-01	2.7E-02	2.4E-09
139	0.00	3.3E-09	7.3E-01	9.9E-04	1.0E-03	7.6E-07	1.6E-01	2.7E-02	3.3E-09
140	0.00	4.6E-09	1.0E+00	9.9E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.6E-09
141	0.01	6.8E-09	1.5E+00	9.9E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-02	6.8E-09

142	0.10	1.0E-07	2.3E+01	9.9E-04	1.0E-03	2.4E-05	1.6E-01	2.7E-02	1.0E-07
143	0.06	6.0E-08	1.3E+01	9.9E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-02	6.0E-08
144	0.03	3.4E-08	7.7E+00	9.9E-04	1.0E-03	7.9E-06	1.6E-01	2.7E-02	3.4E-08
145	0.02	2.2E-08	4.8E+00	9.9E-04	1.0E-03	5.0E-06	1.6E-01	2.7E-02	2.2E-08
146	0.01	1.4E-08	3.2E+00	9.9E-04	1.0E-03	3.3E-06	1.6E-01	2.7E-02	1.4E-08
147	0.01	9.9E-09	2.2E+00	9.9E-04	1.0E-03	2.3E-06	1.6E-01	2.7E-02	9.9E-09
148	0.01	7.2E-09	1.6E+00	9.9E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.2E-09
149	0.00	1.9E-09	4.4E-01	9.9E-04	1.0E-03	4.5E-07	1.6E-01	2.7E-02	1.9E-09
150	0.00	2.5E-09	5.6E-01	9.9E-04	1.0E-03	5.8E-07	1.6E-01	2.7E-02	2.5E-09
151	0.00	3.4E-09	7.6E-01	9.9E-04	1.0E-03	7.8E-07	1.6E-01	2.7E-02	3.4E-09
152	0.00	4.8E-09	1.1E+00	9.9E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.8E-09
153	0.01	7.4E-09	1.7E+00	9.9E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.4E-09
154	0.25	2.5E-07	5.6E+01	9.9E-04	1.0E-03	5.8E-05	1.6E-01	2.7E-02	2.5E-07
155	0.07	6.8E-08	1.5E+01	9.9E-04	1.0E-03	1.6E-05	1.6E-01	2.7E-02	6.8E-08
156	0.03	3.1E-08	7.0E+00	9.9E-04	1.0E-03	7.3E-06	1.6E-01	2.7E-02	3.1E-08
157	0.02	1.9E-08	4.3E+00	9.9E-04	1.0E-03	4.5E-06	1.6E-01	2.7E-02	1.9E-08
158	0.01	1.2E-08	2.8E+00	9.9E-04	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.2E-08
159	0.01	8.6E-09	1.9E+00	9.9E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.6E-09
160	0.01	6.3E-09	1.4E+00	9.9E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.3E-09
161	0.00	1.7E-09	3.9E-01	9.9E-04	1.0E-03	4.0E-07	1.6E-01	2.7E-02	1.7E-09
162	0.00	2.3E-09	5.1E-01	9.9E-04	1.0E-03	5.3E-07	1.6E-01	2.7E-02	2.3E-09
163	0.00	3.1E-09	6.9E-01	9.9E-04	1.0E-03	7.2E-07	1.6E-01	2.7E-02	3.1E-09
164	0.00	4.6E-09	1.0E+00	9.9E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.6E-09
165	0.01	7.2E-09	1.6E+00	9.9E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.2E-09
166	0.01	1.3E-08	2.8E+00	9.9E-04	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.3E-08
167	0.03	2.8E-08	6.3E+00	9.9E-04	1.0E-03	6.5E-06	1.6E-01	2.7E-02	2.8E-08
168	0.10	9.7E-08	2.2E+01	9.9E-04	1.0E-03	2.3E-05	1.6E-01	2.7E-02	9.7E-08
169	0.20	2.0E-07	4.5E+01	9.9E-04	1.0E-03	4.7E-05	1.6E-01	2.7E-02	2.0E-07
170	0.11	1.1E-07	2.5E+01	9.9E-04	1.0E-03	2.6E-05	1.6E-01	2.7E-02	1.1E-07
171	0.05	4.7E-08	1.1E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.7E-08
172	0.02	2.3E-08	5.1E+00	9.9E-04	1.0E-03	5.3E-06	1.6E-01	2.7E-02	2.3E-08
173	0.01	1.4E-08	3.2E+00	9.9E-04	1.0E-03	3.3E-06	1.6E-01	2.7E-02	1.4E-08
174	0.01	1.0E-08	2.3E+00	9.9E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
175	0.01	7.2E-09	1.6E+00	9.9E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.2E-09
176	0.01	5.3E-09	1.2E+00	9.9E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.3E-09
177	0.00	1.6E-09	3.7E-01	9.9E-04	1.0E-03	3.8E-07	1.6E-01	2.7E-02	1.6E-09
178	0.00	2.1E-09	4.7E-01	9.9E-04	1.0E-03	4.9E-07	1.6E-01	2.7E-02	2.1E-09
179	0.00	2.7E-09	6.1E-01	9.9E-04	1.0E-03	6.3E-07	1.6E-01	2.7E-02	2.7E-09
180	0.00	4.2E-09	9.5E-01	9.9E-04	1.0E-03	9.8E-07	1.6E-01	2.7E-02	4.2E-09
181	0.01	6.2E-09	1.4E+00	9.9E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	6.2E-09
182	0.01	1.0E-08	2.2E+00	9.9E-04	1.0E-03	2.3E-06	1.6E-01	2.7E-02	1.0E-08
183	0.02	1.8E-08	4.1E+00	9.9E-04	1.0E-03	4.2E-06	1.6E-01	2.7E-02	1.8E-08
184	0.03	3.5E-08	7.8E+00	9.9E-04	1.0E-03	8.1E-06	1.6E-01	2.7E-02	3.5E-08
185	0.05	5.2E-08	1.2E+01	9.9E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.2E-08
186	0.04	4.4E-08	1.0E+01	9.9E-04	1.0E-03	1.0E-05	1.6E-01	2.7E-02	4.4E-08
187	0.03	2.9E-08	6.4E+00	9.9E-04	1.0E-03	6.6E-06	1.6E-01	2.7E-02	2.9E-08
188	0.02	1.8E-08	4.0E+00	9.9E-04	1.0E-03	4.1E-06	1.6E-01	2.7E-02	1.8E-08
189	0.01	1.1E-08	2.4E+00	9.9E-04	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
190	0.01	8.1E-09	1.8E+00	9.9E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.1E-09

191	0.01	6.1E-09	1.4E+00	9.9E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	6.1E-09
192	0.00	4.6E-09	1.0E+00	9.9E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.6E-09
193	0.00	1.6E-09	3.7E-01	9.9E-04	1.0E-03	3.8E-07	1.6E-01	2.7E-02	1.6E-09
194	0.00	2.1E-09	4.7E-01	9.9E-04	1.0E-03	4.8E-07	1.6E-01	2.7E-02	2.1E-09
195	0.00	2.8E-09	6.2E-01	9.9E-04	1.0E-03	6.4E-07	1.6E-01	2.7E-02	2.8E-09
196	0.00	3.7E-09	8.3E-01	9.9E-04	1.0E-03	8.5E-07	1.6E-01	2.7E-02	3.7E-09
197	0.01	5.1E-09	1.1E+00	9.9E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.1E-09
198	0.01	7.5E-09	1.7E+00	9.9E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.5E-09
199	0.01	1.2E-08	2.7E+00	9.9E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08
200	0.02	1.8E-08	4.0E+00	9.9E-04	1.0E-03	4.2E-06	1.6E-01	2.7E-02	1.8E-08
201	0.02	2.3E-08	5.2E+00	9.9E-04	1.0E-03	5.4E-06	1.6E-01	2.7E-02	2.3E-08
202	0.02	2.2E-08	5.0E+00	9.9E-04	1.0E-03	5.2E-06	1.6E-01	2.7E-02	2.2E-08
203	0.02	1.7E-08	3.7E+00	9.9E-04	1.0E-03	3.9E-06	1.6E-01	2.7E-02	1.7E-08
204	0.01	1.2E-08	2.8E+00	9.9E-04	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.2E-08
205	0.01	8.9E-09	2.0E+00	9.9E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-02	8.9E-09
206	0.01	6.3E-09	1.4E+00	9.9E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.3E-09
207	0.01	5.2E-09	1.2E+00	9.9E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.2E-09
208	0.00	4.0E-09	9.1E-01	9.9E-04	1.0E-03	9.4E-07	1.6E-01	2.7E-02	4.0E-09
209	0.00	1.6E-09	3.6E-01	9.9E-04	1.0E-03	3.7E-07	1.6E-01	2.7E-02	1.6E-09
210	0.00	2.0E-09	4.4E-01	9.9E-04	1.0E-03	4.5E-07	1.6E-01	2.7E-02	2.0E-09
211	0.00	2.4E-09	5.5E-01	9.9E-04	1.0E-03	5.7E-07	1.6E-01	2.7E-02	2.4E-09
212	0.00	3.1E-09	7.0E-01	9.9E-04	1.0E-03	7.2E-07	1.6E-01	2.7E-02	3.1E-09
213	0.00	4.1E-09	9.3E-01	9.9E-04	1.0E-03	9.6E-07	1.6E-01	2.7E-02	4.1E-09
214	0.01	5.7E-09	1.3E+00	9.9E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.7E-09
215	0.01	8.2E-09	1.8E+00	9.9E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.2E-09
216	0.01	1.1E-08	2.4E+00	9.9E-04	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
217	0.01	1.3E-08	2.9E+00	9.9E-04	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
218	0.01	1.3E-08	3.0E+00	9.9E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
219	0.01	1.2E-08	2.7E+00	9.9E-04	1.0E-03	2.8E-06	1.6E-01	2.7E-02	1.2E-08
220	0.01	9.7E-09	2.2E+00	9.9E-04	1.0E-03	2.3E-06	1.6E-01	2.7E-02	9.7E-09
221	0.01	7.6E-09	1.7E+00	9.9E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.6E-09
222	0.01	5.3E-09	1.2E+00	9.9E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.3E-09
223	0.00	4.2E-09	9.4E-01	9.9E-04	1.0E-03	9.7E-07	1.6E-01	2.7E-02	4.2E-09
224	0.00	3.6E-09	8.1E-01	9.9E-04	1.0E-03	8.4E-07	1.6E-01	2.7E-02	3.6E-09
225	0.00	1.5E-09	3.3E-01	9.9E-04	1.0E-03	3.4E-07	1.6E-01	2.7E-02	1.5E-09
226	0.00	1.7E-09	3.9E-01	9.9E-04	1.0E-03	4.0E-07	1.6E-01	2.7E-02	1.7E-09
227	0.00	2.1E-09	4.8E-01	9.9E-04	1.0E-03	4.9E-07	1.6E-01	2.7E-02	2.1E-09
228	0.00	2.6E-09	5.9E-01	9.9E-04	1.0E-03	6.1E-07	1.6E-01	2.7E-02	2.6E-09
229	0.00	3.4E-09	7.6E-01	9.9E-04	1.0E-03	7.9E-07	1.6E-01	2.7E-02	3.4E-09
230	0.00	4.4E-09	1.0E+00	9.9E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-02	4.4E-09
231	0.01	5.8E-09	1.3E+00	9.9E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	5.8E-09
232	0.01	7.3E-09	1.6E+00	9.9E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.3E-09
233	0.01	8.4E-09	1.9E+00	9.9E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.4E-09
234	0.01	8.8E-09	2.0E+00	9.9E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.8E-09
235	0.01	8.4E-09	1.9E+00	9.9E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.4E-09
236	0.01	7.3E-09	1.6E+00	9.9E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.3E-09
237	0.01	6.1E-09	1.4E+00	9.9E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	6.1E-09
238	0.00	4.9E-09	1.1E+00	9.9E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.9E-09
239	0.00	3.6E-09	8.2E-01	9.9E-04	1.0E-03	8.5E-07	1.6E-01	2.7E-02	3.6E-09

240	0.00	3.0E-09	6.7E-01	9.9E-04	1.0E-03	6.9E-07	1.6E-01	2.7E-02	3.0E-09
241	0.00	1.3E-09	2.9E-01	9.9E-04	1.0E-03	3.0E-07	1.6E-01	2.7E-02	1.3E-09
242	0.00	1.5E-09	3.5E-01	9.9E-04	1.0E-03	3.6E-07	1.6E-01	2.7E-02	1.5E-09
243	0.00	1.8E-09	4.1E-01	9.9E-04	1.0E-03	4.3E-07	1.6E-01	2.7E-02	1.8E-09
244	0.00	2.2E-09	5.0E-01	9.9E-04	1.0E-03	5.2E-07	1.6E-01	2.7E-02	2.2E-09
245	0.00	2.8E-09	6.2E-01	9.9E-04	1.0E-03	6.4E-07	1.6E-01	2.7E-02	2.8E-09
246	0.00	3.5E-09	7.8E-01	9.9E-04	1.0E-03	8.0E-07	1.6E-01	2.7E-02	3.5E-09
247	0.00	4.3E-09	9.8E-01	9.9E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-02	4.3E-09
248	0.01	5.2E-09	1.2E+00	9.9E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.2E-09
249	0.01	5.9E-09	1.3E+00	9.9E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	5.9E-09
250	0.01	6.2E-09	1.4E+00	9.9E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	6.2E-09
251	0.01	6.1E-09	1.4E+00	9.9E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	6.1E-09
252	0.01	5.6E-09	1.3E+00	9.9E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.6E-09
253	0.00	4.9E-09	1.1E+00	9.9E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.9E-09
254	0.00	4.1E-09	9.3E-01	9.9E-04	1.0E-03	9.6E-07	1.6E-01	2.7E-02	4.1E-09
255	0.00	3.4E-09	7.7E-01	9.9E-04	1.0E-03	7.9E-07	1.6E-01	2.7E-02	3.4E-09
256	0.00	2.6E-09	6.0E-01	9.9E-04	1.0E-03	6.2E-07	1.6E-01	2.7E-02	2.6E-09
257	0.00	1.2E-09	2.6E-01	9.9E-04	1.0E-03	2.7E-07	1.6E-01	2.7E-02	1.2E-09
258	0.00	1.4E-09	3.1E-01	9.9E-04	1.0E-03	3.2E-07	1.6E-01	2.7E-02	1.4E-09
259	0.00	1.6E-09	3.6E-01	9.9E-04	1.0E-03	3.7E-07	1.6E-01	2.7E-02	1.6E-09
260	0.00	1.9E-09	4.3E-01	9.9E-04	1.0E-03	4.4E-07	1.6E-01	2.7E-02	1.9E-09
261	0.00	2.3E-09	5.2E-01	9.9E-04	1.0E-03	5.4E-07	1.6E-01	2.7E-02	2.3E-09
262	0.00	2.8E-09	6.3E-01	9.9E-04	1.0E-03	6.5E-07	1.6E-01	2.7E-02	2.8E-09
263	0.00	3.4E-09	7.6E-01	9.9E-04	1.0E-03	7.8E-07	1.6E-01	2.7E-02	3.4E-09
264	0.00	3.9E-09	8.9E-01	9.9E-04	1.0E-03	9.2E-07	1.6E-01	2.7E-02	3.9E-09
265	0.00	4.4E-09	9.8E-01	9.9E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-02	4.4E-09
266	0.00	4.6E-09	1.0E+00	9.9E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.6E-09
267	0.00	4.6E-09	1.0E+00	9.9E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.6E-09
268	0.00	4.3E-09	9.7E-01	9.9E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-02	4.3E-09
269	0.00	3.9E-09	8.8E-01	9.9E-04	1.0E-03	9.1E-07	1.6E-01	2.7E-02	3.9E-09
270	0.00	3.5E-09	7.8E-01	9.9E-04	1.0E-03	8.1E-07	1.6E-01	2.7E-02	3.5E-09
271	0.00	3.0E-09	6.7E-01	9.9E-04	1.0E-03	6.9E-07	1.6E-01	2.7E-02	3.0E-09
272	0.00	2.4E-09	5.4E-01	9.9E-04	1.0E-03	5.5E-07	1.6E-01	2.7E-02	2.4E-09
273	0.00	4.6E-09	1.0E+00	9.9E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.6E-09
274	0.00	4.8E-09	1.1E+00	9.9E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.8E-09
275	0.00	5.0E-09	1.1E+00	9.9E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.0E-09
276	0.01	5.2E-09	1.2E+00	9.9E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.2E-09
277	0.01	5.5E-09	1.2E+00	9.9E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.5E-09
278	0.01	5.7E-09	1.3E+00	9.9E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.7E-09
279	0.01	5.9E-09	1.3E+00	9.9E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	5.9E-09
280	0.01	6.2E-09	1.4E+00	9.9E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	6.2E-09
281	0.01	6.4E-09	1.4E+00	9.9E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.4E-09
282	0.01	6.7E-09	1.5E+00	9.9E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.7E-09
283	0.01	7.0E-09	1.6E+00	9.9E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-02	7.0E-09
284	0.01	7.2E-09	1.6E+00	9.9E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.2E-09
285	0.01	7.5E-09	1.7E+00	9.9E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.5E-09
286	0.01	7.7E-09	1.7E+00	9.9E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.7E-09
287	0.01	8.1E-09	1.8E+00	9.9E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.1E-09
288	0.01	8.3E-09	1.9E+00	9.9E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.3E-09

289	0.01	8.7E-09	2.0E+00	9.9E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.7E-09
290	0.01	9.2E-09	2.1E+00	9.9E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-02	9.2E-09
291	0.01	9.6E-09	2.2E+00	9.9E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.6E-09
292	0.01	9.9E-09	2.2E+00	9.9E-04	1.0E-03	2.3E-06	1.6E-01	2.7E-02	9.9E-09
293	0.01	1.0E-08	2.3E+00	9.9E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
294	0.01	1.0E-08	2.4E+00	9.9E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
295	0.01	1.1E-08	2.4E+00	9.9E-04	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
296	0.01	1.1E-08	2.5E+00	9.9E-04	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
297	0.01	1.1E-08	2.5E+00	9.9E-04	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
298	0.01	1.1E-08	2.6E+00	9.9E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.1E-08
299	0.00	4.9E-09	1.1E+00	9.9E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.9E-09
300	0.01	5.1E-09	1.1E+00	9.9E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.1E-09
301	0.01	5.3E-09	1.2E+00	9.9E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.3E-09
302	0.01	5.6E-09	1.3E+00	9.9E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.6E-09
303	0.01	5.9E-09	1.3E+00	9.9E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	5.9E-09
304	0.01	6.2E-09	1.4E+00	9.9E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	6.2E-09
305	0.01	6.4E-09	1.4E+00	9.9E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.4E-09
306	0.01	6.7E-09	1.5E+00	9.9E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-02	6.7E-09
307	0.01	7.0E-09	1.6E+00	9.9E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-02	7.0E-09
308	0.01	7.3E-09	1.6E+00	9.9E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.3E-09
309	0.01	7.6E-09	1.7E+00	9.9E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.6E-09
310	0.01	7.9E-09	1.8E+00	9.9E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.9E-09
311	0.01	8.2E-09	1.8E+00	9.9E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.2E-09
312	0.01	8.5E-09	1.9E+00	9.9E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.5E-09
313	0.01	8.9E-09	2.0E+00	9.9E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-02	8.9E-09
314	0.01	9.3E-09	2.1E+00	9.9E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.3E-09
315	0.01	9.7E-09	2.2E+00	9.9E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.7E-09
316	0.01	1.0E-08	2.3E+00	9.9E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
317	0.01	1.1E-08	2.4E+00	9.9E-04	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
318	0.01	1.1E-08	2.5E+00	9.9E-04	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
319	0.01	1.1E-08	2.6E+00	9.9E-04	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
320	0.01	1.2E-08	2.6E+00	9.9E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08
321	0.01	1.2E-08	2.7E+00	9.9E-04	1.0E-03	2.8E-06	1.6E-01	2.7E-02	1.2E-08
322	0.01	1.2E-08	2.8E+00	9.9E-04	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.2E-08
323	0.01	1.3E-08	2.8E+00	9.9E-04	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.3E-08
324	0.01	1.3E-08	2.9E+00	9.9E-04	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
325	0.01	5.2E-09	1.2E+00	9.9E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.2E-09
326	0.01	5.5E-09	1.2E+00	9.9E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.5E-09
327	0.01	5.7E-09	1.3E+00	9.9E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.7E-09
328	0.01	6.0E-09	1.4E+00	9.9E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	6.0E-09
329	0.01	6.3E-09	1.4E+00	9.9E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.3E-09
330	0.01	6.7E-09	1.5E+00	9.9E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.7E-09
331	0.01	7.0E-09	1.6E+00	9.9E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-02	7.0E-09
332	0.01	7.3E-09	1.6E+00	9.9E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.3E-09
333	0.01	7.6E-09	1.7E+00	9.9E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.6E-09
334	0.01	8.0E-09	1.8E+00	9.9E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.0E-09
335	0.01	8.4E-09	1.9E+00	9.9E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.4E-09
336	0.01	8.7E-09	2.0E+00	9.9E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.7E-09
337	0.01	9.0E-09	2.0E+00	9.9E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-02	9.0E-09

338	0.01	9.4E-09	2.1E+00	9.9E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.4E-09
339	0.01	9.9E-09	2.2E+00	9.9E-04	1.0E-03	2.3E-06	1.6E-01	2.7E-02	9.9E-09
340	0.01	1.0E-08	2.3E+00	9.9E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
341	0.01	1.1E-08	2.4E+00	9.9E-04	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
342	0.01	1.1E-08	2.6E+00	9.9E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.1E-08
343	0.01	1.2E-08	2.7E+00	9.9E-04	1.0E-03	2.8E-06	1.6E-01	2.7E-02	1.2E-08
344	0.01	1.2E-08	2.8E+00	9.9E-04	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.2E-08
345	0.01	1.3E-08	2.9E+00	9.9E-04	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
346	0.01	1.3E-08	3.0E+00	9.9E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
347	0.01	1.3E-08	3.0E+00	9.9E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
348	0.01	1.4E-08	3.1E+00	9.9E-04	1.0E-03	3.2E-06	1.6E-01	2.7E-02	1.4E-08
349	0.01	1.4E-08	3.2E+00	9.9E-04	1.0E-03	3.3E-06	1.6E-01	2.7E-02	1.4E-08
350	0.01	1.4E-08	3.2E+00	9.9E-04	1.0E-03	3.3E-06	1.6E-01	2.7E-02	1.4E-08
351	0.01	5.5E-09	1.2E+00	9.9E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.5E-09
352	0.01	5.8E-09	1.3E+00	9.9E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	5.8E-09
353	0.01	6.2E-09	1.4E+00	9.9E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	6.2E-09
354	0.01	6.5E-09	1.5E+00	9.9E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.5E-09
355	0.01	6.9E-09	1.5E+00	9.9E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-02	6.9E-09
356	0.01	7.2E-09	1.6E+00	9.9E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.2E-09
357	0.01	7.6E-09	1.7E+00	9.9E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.6E-09
358	0.01	8.0E-09	1.8E+00	9.9E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.0E-09
359	0.01	8.4E-09	1.9E+00	9.9E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.4E-09
360	0.01	8.8E-09	2.0E+00	9.9E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.8E-09
361	0.01	9.2E-09	2.1E+00	9.9E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-02	9.2E-09
362	0.01	9.6E-09	2.2E+00	9.9E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.6E-09
363	0.01	1.0E-08	2.3E+00	9.9E-04	1.0E-03	2.3E-06	1.6E-01	2.7E-02	1.0E-08
364	0.01	1.1E-08	2.4E+00	9.9E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.1E-08
365	0.01	1.1E-08	2.5E+00	9.9E-04	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
366	0.01	1.2E-08	2.6E+00	9.9E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08
367	0.01	1.2E-08	2.7E+00	9.9E-04	1.0E-03	2.8E-06	1.6E-01	2.7E-02	1.2E-08
368	0.01	1.3E-08	2.9E+00	9.9E-04	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
369	0.01	1.4E-08	3.0E+00	9.9E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.4E-08
370	0.01	1.4E-08	3.1E+00	9.9E-04	1.0E-03	3.2E-06	1.6E-01	2.7E-02	1.4E-08
371	0.01	1.4E-08	3.2E+00	9.9E-04	1.0E-03	3.4E-06	1.6E-01	2.7E-02	1.4E-08
372	0.01	1.5E-08	3.3E+00	9.9E-04	1.0E-03	3.5E-06	1.6E-01	2.7E-02	1.5E-08
373	0.02	1.5E-08	3.4E+00	9.9E-04	1.0E-03	3.5E-06	1.6E-01	2.7E-02	1.5E-08
374	0.02	1.6E-08	3.5E+00	9.9E-04	1.0E-03	3.6E-06	1.6E-01	2.7E-02	1.6E-08
375	0.02	1.6E-08	3.6E+00	9.9E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-02	1.6E-08
376	0.02	1.6E-08	3.6E+00	9.9E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-02	1.6E-08
377	0.01	5.9E-09	1.3E+00	9.9E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	5.9E-09
378	0.01	6.3E-09	1.4E+00	9.9E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.3E-09
379	0.01	6.6E-09	1.5E+00	9.9E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.6E-09
380	0.01	7.0E-09	1.6E+00	9.9E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-02	7.0E-09
381	0.01	7.4E-09	1.7E+00	9.9E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.4E-09
382	0.01	1.4E-08	3.1E+00	9.9E-04	1.0E-03	3.2E-06	1.6E-01	2.7E-02	1.4E-08
383	0.01	1.5E-08	3.3E+00	9.9E-04	1.0E-03	3.4E-06	1.6E-01	2.7E-02	1.5E-08
384	0.02	1.5E-08	3.5E+00	9.9E-04	1.0E-03	3.6E-06	1.6E-01	2.7E-02	1.5E-08
385	0.02	1.6E-08	3.6E+00	9.9E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-02	1.6E-08
386	0.02	1.6E-08	3.7E+00	9.9E-04	1.0E-03	3.8E-06	1.6E-01	2.7E-02	1.6E-08

387	0.02	1.7E-08	3.8E+00	9.9E-04	1.0E-03	3.9E-06	1.6E-01	2.7E-02	1.7E-08
388	0.02	1.7E-08	3.9E+00	9.9E-04	1.0E-03	4.0E-06	1.6E-01	2.7E-02	1.7E-08
389	0.02	1.8E-08	4.0E+00	9.9E-04	1.0E-03	4.1E-06	1.6E-01	2.7E-02	1.8E-08
390	0.02	1.8E-08	4.0E+00	9.9E-04	1.0E-03	4.1E-06	1.6E-01	2.7E-02	1.8E-08
391	0.02	1.8E-08	4.0E+00	9.9E-04	1.0E-03	4.2E-06	1.6E-01	2.7E-02	1.8E-08
392	0.01	6.3E-09	1.4E+00	9.9E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.3E-09
393	0.01	6.7E-09	1.5E+00	9.9E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-02	6.7E-09
394	0.01	7.1E-09	1.6E+00	9.9E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.1E-09
395	0.01	7.6E-09	1.7E+00	9.9E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.6E-09
396	0.01	8.1E-09	1.8E+00	9.9E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.1E-09
397	0.02	1.6E-08	3.6E+00	9.9E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-02	1.6E-08
398	0.02	1.7E-08	3.8E+00	9.9E-04	1.0E-03	3.9E-06	1.6E-01	2.7E-02	1.7E-08
399	0.02	1.8E-08	4.0E+00	9.9E-04	1.0E-03	4.1E-06	1.6E-01	2.7E-02	1.8E-08
400	0.02	1.8E-08	4.1E+00	9.9E-04	1.0E-03	4.2E-06	1.6E-01	2.7E-02	1.8E-08
401	0.02	1.9E-08	4.2E+00	9.9E-04	1.0E-03	4.4E-06	1.6E-01	2.7E-02	1.9E-08
402	0.02	1.9E-08	4.3E+00	9.9E-04	1.0E-03	4.5E-06	1.6E-01	2.7E-02	1.9E-08
403	0.02	2.0E-08	4.4E+00	9.9E-04	1.0E-03	4.6E-06	1.6E-01	2.7E-02	2.0E-08
404	0.02	2.0E-08	4.5E+00	9.9E-04	1.0E-03	4.6E-06	1.6E-01	2.7E-02	2.0E-08
405	0.02	2.0E-08	4.5E+00	9.9E-04	1.0E-03	4.7E-06	1.6E-01	2.7E-02	2.0E-08
406	0.02	2.0E-08	4.5E+00	9.9E-04	1.0E-03	4.7E-06	1.6E-01	2.7E-02	2.0E-08
407	0.01	6.7E-09	1.5E+00	9.9E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-02	6.7E-09
408	0.01	7.1E-09	1.6E+00	9.9E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.1E-09
409	0.01	7.6E-09	1.7E+00	9.9E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.6E-09
410	0.01	8.1E-09	1.8E+00	9.9E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.1E-09
411	0.01	8.7E-09	2.0E+00	9.9E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.7E-09
412	0.02	1.8E-08	4.1E+00	9.9E-04	1.0E-03	4.2E-06	1.6E-01	2.7E-02	1.8E-08
413	0.02	1.9E-08	4.3E+00	9.9E-04	1.0E-03	4.5E-06	1.6E-01	2.7E-02	1.9E-08
414	0.02	2.0E-08	4.6E+00	9.9E-04	1.0E-03	4.7E-06	1.6E-01	2.7E-02	2.0E-08
415	0.02	2.1E-08	4.7E+00	9.9E-04	1.0E-03	4.9E-06	1.6E-01	2.7E-02	2.1E-08
416	0.02	2.2E-08	4.9E+00	9.9E-04	1.0E-03	5.0E-06	1.6E-01	2.7E-02	2.2E-08
417	0.02	2.2E-08	5.0E+00	9.9E-04	1.0E-03	5.2E-06	1.6E-01	2.7E-02	2.2E-08
418	0.02	2.3E-08	5.1E+00	9.9E-04	1.0E-03	5.2E-06	1.6E-01	2.7E-02	2.3E-08
419	0.02	2.3E-08	5.1E+00	9.9E-04	1.0E-03	5.3E-06	1.6E-01	2.7E-02	2.3E-08
420	0.02	2.3E-08	5.1E+00	9.9E-04	1.0E-03	5.3E-06	1.6E-01	2.7E-02	2.3E-08
421	0.02	2.3E-08	5.1E+00	9.9E-04	1.0E-03	5.3E-06	1.6E-01	2.7E-02	2.3E-08
422	0.01	7.2E-09	1.6E+00	9.9E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.2E-09
423	0.01	7.7E-09	1.7E+00	9.9E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.7E-09
424	0.01	8.2E-09	1.8E+00	9.9E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.2E-09
425	0.01	8.8E-09	2.0E+00	9.9E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.8E-09
426	0.01	9.5E-09	2.1E+00	9.9E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.5E-09
427	0.02	2.1E-08	4.8E+00	9.9E-04	1.0E-03	5.0E-06	1.6E-01	2.7E-02	2.1E-08
428	0.02	2.2E-08	5.1E+00	9.9E-04	1.0E-03	5.2E-06	1.6E-01	2.7E-02	2.2E-08
429	0.02	2.4E-08	5.3E+00	9.9E-04	1.0E-03	5.5E-06	1.6E-01	2.7E-02	2.4E-08
430	0.02	2.5E-08	5.5E+00	9.9E-04	1.0E-03	5.7E-06	1.6E-01	2.7E-02	2.5E-08
431	0.03	2.5E-08	5.7E+00	9.9E-04	1.0E-03	5.9E-06	1.6E-01	2.7E-02	2.5E-08
432	0.03	2.6E-08	5.8E+00	9.9E-04	1.0E-03	6.0E-06	1.6E-01	2.7E-02	2.6E-08
433	0.03	2.6E-08	5.9E+00	9.9E-04	1.0E-03	6.1E-06	1.6E-01	2.7E-02	2.6E-08
434	0.03	2.6E-08	5.9E+00	9.9E-04	1.0E-03	6.1E-06	1.6E-01	2.7E-02	2.6E-08
435	0.03	2.6E-08	5.8E+00	9.9E-04	1.0E-03	6.0E-06	1.6E-01	2.7E-02	2.6E-08

436	0.03	2.6E-08	5.8E+00	9.9E-04	1.0E-03	6.0E-06	1.6E-01	2.7E-02	2.6E-08
437	0.01	7.6E-09	1.7E+00	9.9E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.6E-09
438	0.01	8.2E-09	1.8E+00	9.9E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.2E-09
439	0.01	8.9E-09	2.0E+00	9.9E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-02	8.9E-09
440	0.01	9.5E-09	2.1E+00	9.9E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.5E-09
441	0.01	1.0E-08	2.3E+00	9.9E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
442	0.03	2.5E-08	5.7E+00	9.9E-04	1.0E-03	5.9E-06	1.6E-01	2.7E-02	2.5E-08
443	0.03	2.7E-08	6.0E+00	9.9E-04	1.0E-03	6.2E-06	1.6E-01	2.7E-02	2.7E-08
444	0.03	2.8E-08	6.3E+00	9.9E-04	1.0E-03	6.5E-06	1.6E-01	2.7E-02	2.8E-08
445	0.03	2.9E-08	6.5E+00	9.9E-04	1.0E-03	6.7E-06	1.6E-01	2.7E-02	2.9E-08
446	0.03	3.0E-08	6.7E+00	9.9E-04	1.0E-03	6.9E-06	1.6E-01	2.7E-02	3.0E-08
447	0.03	3.0E-08	6.8E+00	9.9E-04	1.0E-03	7.0E-06	1.6E-01	2.7E-02	3.0E-08
448	0.03	3.0E-08	6.8E+00	9.9E-04	1.0E-03	7.0E-06	1.6E-01	2.7E-02	3.0E-08
449	0.03	3.0E-08	6.8E+00	9.9E-04	1.0E-03	7.0E-06	1.6E-01	2.7E-02	3.0E-08
450	0.03	3.0E-08	6.7E+00	9.9E-04	1.0E-03	6.9E-06	1.6E-01	2.7E-02	3.0E-08
451	0.03	2.9E-08	6.5E+00	9.9E-04	1.0E-03	6.7E-06	1.6E-01	2.7E-02	2.9E-08
452	0.01	8.1E-09	1.8E+00	9.9E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.1E-09
453	0.01	8.8E-09	2.0E+00	9.9E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.8E-09
454	0.01	9.6E-09	2.2E+00	9.9E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.6E-09
455	0.01	1.0E-08	2.3E+00	9.9E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
456	0.01	1.1E-08	2.5E+00	9.9E-04	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
457	0.03	3.0E-08	6.8E+00	9.9E-04	1.0E-03	7.0E-06	1.6E-01	2.7E-02	3.0E-08
458	0.03	3.2E-08	7.2E+00	9.9E-04	1.0E-03	7.4E-06	1.6E-01	2.7E-02	3.2E-08
459	0.03	3.3E-08	7.5E+00	9.9E-04	1.0E-03	7.7E-06	1.6E-01	2.7E-02	3.3E-08
460	0.03	3.4E-08	7.7E+00	9.9E-04	1.0E-03	8.0E-06	1.6E-01	2.7E-02	3.4E-08
461	0.03	3.5E-08	7.9E+00	9.9E-04	1.0E-03	8.1E-06	1.6E-01	2.7E-02	3.5E-08
462	0.04	3.5E-08	7.9E+00	9.9E-04	1.0E-03	8.2E-06	1.6E-01	2.7E-02	3.5E-08
463	0.04	3.5E-08	7.9E+00	9.9E-04	1.0E-03	8.2E-06	1.6E-01	2.7E-02	3.5E-08
464	0.03	3.5E-08	7.8E+00	9.9E-04	1.0E-03	8.1E-06	1.6E-01	2.7E-02	3.5E-08
465	0.03	3.4E-08	7.6E+00	9.9E-04	1.0E-03	7.9E-06	1.6E-01	2.7E-02	3.4E-08
466	0.03	3.3E-08	7.4E+00	9.9E-04	1.0E-03	7.6E-06	1.6E-01	2.7E-02	3.3E-08
467	0.01	8.7E-09	1.9E+00	9.9E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.7E-09
468	0.01	9.4E-09	2.1E+00	9.9E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.4E-09
469	0.01	1.0E-08	2.3E+00	9.9E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
470	0.01	1.1E-08	2.5E+00	9.9E-04	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
471	0.01	1.2E-08	2.8E+00	9.9E-04	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.2E-08
472	0.04	3.7E-08	8.2E+00	9.9E-04	1.0E-03	8.5E-06	1.6E-01	2.7E-02	3.7E-08
473	0.04	3.8E-08	8.6E+00	9.9E-04	1.0E-03	8.9E-06	1.6E-01	2.7E-02	3.8E-08
474	0.04	4.0E-08	9.0E+00	9.9E-04	1.0E-03	9.3E-06	1.6E-01	2.7E-02	4.0E-08
475	0.04	4.1E-08	9.2E+00	9.9E-04	1.0E-03	9.5E-06	1.6E-01	2.7E-02	4.1E-08
476	0.04	4.2E-08	9.4E+00	9.9E-04	1.0E-03	9.7E-06	1.6E-01	2.7E-02	4.2E-08
477	0.04	4.2E-08	9.4E+00	9.9E-04	1.0E-03	9.7E-06	1.6E-01	2.7E-02	4.2E-08
478	0.04	4.1E-08	9.3E+00	9.9E-04	1.0E-03	9.6E-06	1.6E-01	2.7E-02	4.1E-08
479	0.04	4.0E-08	9.0E+00	9.9E-04	1.0E-03	9.3E-06	1.6E-01	2.7E-02	4.0E-08
480	0.04	3.9E-08	8.7E+00	9.9E-04	1.0E-03	9.0E-06	1.6E-01	2.7E-02	3.9E-08
481	0.04	3.7E-08	8.3E+00	9.9E-04	1.0E-03	8.6E-06	1.6E-01	2.7E-02	3.7E-08
482	0.01	9.2E-09	2.1E+00	9.9E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-02	9.2E-09
483	0.01	1.0E-08	2.3E+00	9.9E-04	1.0E-03	2.3E-06	1.6E-01	2.7E-02	1.0E-08
484	0.01	1.1E-08	2.5E+00	9.9E-04	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08

485	0.01	1.2E-08	2.8E+00	9.9E-04	1.0E-03	2.8E-06	1.6E-01	2.7E-02	1.2E-08
486	0.01	1.4E-08	3.1E+00	9.9E-04	1.0E-03	3.2E-06	1.6E-01	2.7E-02	1.4E-08
487	0.04	4.5E-08	1.0E+01	9.9E-04	1.0E-03	1.0E-05	1.6E-01	2.7E-02	4.5E-08
488	0.05	4.7E-08	1.1E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.7E-08
489	0.05	4.9E-08	1.1E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.9E-08
490	0.05	5.0E-08	1.1E+01	9.9E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.0E-08
491	0.05	5.0E-08	1.1E+01	9.9E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.0E-08
492	0.05	4.9E-08	1.1E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.9E-08
493	0.05	4.8E-08	1.1E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.8E-08
494	0.05	4.6E-08	1.0E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.6E-08
495	0.04	4.4E-08	1.0E+01	9.9E-04	1.0E-03	1.0E-05	1.6E-01	2.7E-02	4.4E-08
496	0.04	4.2E-08	9.4E+00	9.9E-04	1.0E-03	9.7E-06	1.6E-01	2.7E-02	4.2E-08
497	0.01	9.8E-09	2.2E+00	9.9E-04	1.0E-03	2.3E-06	1.6E-01	2.7E-02	9.8E-09
498	0.01	1.1E-08	2.4E+00	9.9E-04	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
499	0.01	1.2E-08	2.7E+00	9.9E-04	1.0E-03	2.8E-06	1.6E-01	2.7E-02	1.2E-08
500	0.01	1.3E-08	3.0E+00	9.9E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
501	0.02	1.5E-08	3.4E+00	9.9E-04	1.0E-03	3.5E-06	1.6E-01	2.7E-02	1.5E-08
502	0.06	5.6E-08	1.3E+01	9.9E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.6E-08
503	0.06	5.9E-08	1.3E+01	9.9E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-02	5.9E-08
504	0.06	6.0E-08	1.4E+01	9.9E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-02	6.0E-08
505	0.06	6.1E-08	1.4E+01	9.9E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-02	6.1E-08
506	0.06	6.0E-08	1.4E+01	9.9E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-02	6.0E-08
507	0.06	5.9E-08	1.3E+01	9.9E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-02	5.9E-08
508	0.06	5.6E-08	1.3E+01	9.9E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.6E-08
509	0.05	5.4E-08	1.2E+01	9.9E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.4E-08
510	0.05	5.0E-08	1.1E+01	9.9E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.0E-08
511	0.05	4.7E-08	1.1E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.7E-08
512	0.01	1.0E-08	2.3E+00	9.9E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
513	0.01	1.2E-08	2.6E+00	9.9E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08
514	0.01	1.3E-08	2.9E+00	9.9E-04	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
515	0.01	1.5E-08	3.3E+00	9.9E-04	1.0E-03	3.4E-06	1.6E-01	2.7E-02	1.5E-08
516	0.02	1.7E-08	3.7E+00	9.9E-04	1.0E-03	3.8E-06	1.6E-01	2.7E-02	1.7E-08
517	0.07	7.1E-08	1.6E+01	9.9E-04	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.1E-08
518	0.07	7.4E-08	1.7E+01	9.9E-04	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.4E-08
519	0.08	7.6E-08	1.7E+01	9.9E-04	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.6E-08
520	0.08	7.5E-08	1.7E+01	9.9E-04	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.5E-08
521	0.07	7.3E-08	1.7E+01	9.9E-04	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.3E-08
522	0.07	7.0E-08	1.6E+01	9.9E-04	1.0E-03	1.6E-05	1.6E-01	2.7E-02	7.0E-08
523	0.07	6.6E-08	1.5E+01	9.9E-04	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.6E-08
524	0.06	6.2E-08	1.4E+01	9.9E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-02	6.2E-08
525	0.06	5.7E-08	1.3E+01	9.9E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.7E-08
526	0.05	5.2E-08	1.2E+01	9.9E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.2E-08
527	0.01	1.1E-08	2.5E+00	9.9E-04	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
528	0.01	1.2E-08	2.8E+00	9.9E-04	1.0E-03	2.8E-06	1.6E-01	2.7E-02	1.2E-08
529	0.01	1.4E-08	3.1E+00	9.9E-04	1.0E-03	3.2E-06	1.6E-01	2.7E-02	1.4E-08
530	0.02	1.6E-08	3.5E+00	9.9E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-02	1.6E-08
531	0.02	1.8E-08	4.1E+00	9.9E-04	1.0E-03	4.2E-06	1.6E-01	2.7E-02	1.8E-08
532	0.09	9.4E-08	2.1E+01	9.9E-04	1.0E-03	2.2E-05	1.6E-01	2.7E-02	9.4E-08
533	0.10	9.6E-08	2.2E+01	9.9E-04	1.0E-03	2.2E-05	1.6E-01	2.7E-02	9.6E-08

534	0.10	9.6E-08	2.2E+01	9.9E-04	1.0E-03	2.2E-05	1.6E-01	2.7E-02	9.6E-08
535	0.09	9.3E-08	2.1E+01	9.9E-04	1.0E-03	2.2E-05	1.6E-01	2.7E-02	9.3E-08
536	0.09	8.8E-08	2.0E+01	9.9E-04	1.0E-03	2.0E-05	1.6E-01	2.7E-02	8.8E-08
537	0.08	8.3E-08	1.9E+01	9.9E-04	1.0E-03	1.9E-05	1.6E-01	2.7E-02	8.3E-08
538	0.08	7.6E-08	1.7E+01	9.9E-04	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.6E-08
539	0.07	7.0E-08	1.6E+01	9.9E-04	1.0E-03	1.6E-05	1.6E-01	2.7E-02	7.0E-08
540	0.06	6.3E-08	1.4E+01	9.9E-04	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.3E-08
541	0.06	5.7E-08	1.3E+01	9.9E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.7E-08
542	0.01	1.1E-08	2.6E+00	9.9E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.1E-08
543	0.01	1.3E-08	2.9E+00	9.9E-04	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
544	0.01	1.5E-08	3.3E+00	9.9E-04	1.0E-03	3.4E-06	1.6E-01	2.7E-02	1.5E-08
545	0.02	1.7E-08	3.8E+00	9.9E-04	1.0E-03	4.0E-06	1.6E-01	2.7E-02	1.7E-08
546	0.02	2.0E-08	4.5E+00	9.9E-04	1.0E-03	4.6E-06	1.6E-01	2.7E-02	2.0E-08
547	0.13	1.3E-07	2.8E+01	9.9E-04	1.0E-03	2.9E-05	1.6E-01	2.7E-02	1.3E-07
548	0.13	1.3E-07	2.8E+01	9.9E-04	1.0E-03	2.9E-05	1.6E-01	2.7E-02	1.3E-07
549	0.12	1.2E-07	2.8E+01	9.9E-04	1.0E-03	2.8E-05	1.6E-01	2.7E-02	1.2E-07
550	0.12	1.2E-07	2.6E+01	9.9E-04	1.0E-03	2.7E-05	1.6E-01	2.7E-02	1.2E-07
551	0.10	1.0E-07	2.3E+01	9.9E-04	1.0E-03	2.4E-05	1.6E-01	2.7E-02	1.0E-07
552	0.09	9.3E-08	2.1E+01	9.9E-04	1.0E-03	2.2E-05	1.6E-01	2.7E-02	9.3E-08
553	0.08	8.5E-08	1.9E+01	9.9E-04	1.0E-03	2.0E-05	1.6E-01	2.7E-02	8.5E-08
554	0.08	7.6E-08	1.7E+01	9.9E-04	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.6E-08
555	0.07	6.8E-08	1.5E+01	9.9E-04	1.0E-03	1.6E-05	1.6E-01	2.7E-02	6.8E-08
556	0.06	6.0E-08	1.3E+01	9.9E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-02	6.0E-08
557	0.01	1.2E-08	2.7E+00	9.9E-04	1.0E-03	2.8E-06	1.6E-01	2.7E-02	1.2E-08
558	0.01	1.4E-08	3.1E+00	9.9E-04	1.0E-03	3.2E-06	1.6E-01	2.7E-02	1.4E-08
559	0.02	1.6E-08	3.5E+00	9.9E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-02	1.6E-08
560	0.02	1.8E-08	4.1E+00	9.9E-04	1.0E-03	4.3E-06	1.6E-01	2.7E-02	1.8E-08
561	0.02	2.2E-08	4.8E+00	9.9E-04	1.0E-03	5.0E-06	1.6E-01	2.7E-02	2.2E-08
562	0.17	1.7E-07	3.9E+01	9.9E-04	1.0E-03	4.0E-05	1.6E-01	2.7E-02	1.7E-07
563	0.16	1.6E-07	3.6E+01	9.9E-04	1.0E-03	3.8E-05	1.6E-01	2.7E-02	1.6E-07
564	0.14	1.4E-07	3.2E+01	9.9E-04	1.0E-03	3.3E-05	1.6E-01	2.7E-02	1.4E-07
565	0.12	1.2E-07	2.6E+01	9.9E-04	1.0E-03	2.7E-05	1.6E-01	2.7E-02	1.2E-07
566	0.10	1.0E-07	2.3E+01	9.9E-04	1.0E-03	2.4E-05	1.6E-01	2.7E-02	1.0E-07
567	0.09	8.9E-08	2.0E+01	9.9E-04	1.0E-03	2.1E-05	1.6E-01	2.7E-02	8.9E-08
568	0.08	7.8E-08	1.8E+01	9.9E-04	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.8E-08
569	0.07	6.8E-08	1.5E+01	9.9E-04	1.0E-03	1.6E-05	1.6E-01	2.7E-02	6.8E-08
570	0.06	6.1E-08	1.4E+01	9.9E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-02	6.1E-08
571	0.01	1.3E-08	2.8E+00	9.9E-04	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.3E-08
572	0.01	1.4E-08	3.2E+00	9.9E-04	1.0E-03	3.3E-06	1.6E-01	2.7E-02	1.4E-08
573	0.02	1.7E-08	3.7E+00	9.9E-04	1.0E-03	3.9E-06	1.6E-01	2.7E-02	1.7E-08
574	0.02	2.0E-08	4.4E+00	9.9E-04	1.0E-03	4.5E-06	1.6E-01	2.7E-02	2.0E-08
575	0.02	2.3E-08	5.2E+00	9.9E-04	1.0E-03	5.4E-06	1.6E-01	2.7E-02	2.3E-08
576	0.22	2.2E-07	4.9E+01	9.9E-04	1.0E-03	5.0E-05	1.6E-01	2.7E-02	2.2E-07
577	0.18	1.8E-07	4.2E+01	9.9E-04	1.0E-03	4.3E-05	1.6E-01	2.7E-02	1.8E-07
578	0.15	1.5E-07	3.3E+01	9.9E-04	1.0E-03	3.5E-05	1.6E-01	2.7E-02	1.5E-07
579	0.13	1.3E-07	2.8E+01	9.9E-04	1.0E-03	2.9E-05	1.6E-01	2.7E-02	1.3E-07
580	0.10	1.0E-07	2.4E+01	9.9E-04	1.0E-03	2.4E-05	1.6E-01	2.7E-02	1.0E-07
581	0.09	8.7E-08	1.9E+01	9.9E-04	1.0E-03	2.0E-05	1.6E-01	2.7E-02	8.7E-08
582	0.07	7.3E-08	1.6E+01	9.9E-04	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.3E-08

583	0.06	6.2E-08	1.4E+01	9.9E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-02	6.2E-08
584	0.01	1.3E-08	2.9E+00	9.9E-04	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
585	0.01	1.5E-08	3.4E+00	9.9E-04	1.0E-03	3.5E-06	1.6E-01	2.7E-02	1.5E-08
586	0.02	1.7E-08	3.9E+00	9.9E-04	1.0E-03	4.0E-06	1.6E-01	2.7E-02	1.7E-08
587	0.02	2.1E-08	4.6E+00	9.9E-04	1.0E-03	4.8E-06	1.6E-01	2.7E-02	2.1E-08
588	0.02	2.5E-08	5.5E+00	9.9E-04	1.0E-03	5.7E-06	1.6E-01	2.7E-02	2.5E-08
589	0.24	2.4E-07	5.5E+01	9.9E-04	1.0E-03	5.7E-05	1.6E-01	2.7E-02	2.4E-07
590	0.20	2.0E-07	4.4E+01	9.9E-04	1.0E-03	4.6E-05	1.6E-01	2.7E-02	2.0E-07
591	0.16	1.6E-07	3.6E+01	9.9E-04	1.0E-03	3.7E-05	1.6E-01	2.7E-02	1.6E-07
592	0.12	1.2E-07	2.8E+01	9.9E-04	1.0E-03	2.9E-05	1.6E-01	2.7E-02	1.2E-07
593	0.10	1.0E-07	2.3E+01	9.9E-04	1.0E-03	2.3E-05	1.6E-01	2.7E-02	1.0E-07
594	0.08	8.1E-08	1.8E+01	9.9E-04	1.0E-03	1.9E-05	1.6E-01	2.7E-02	8.1E-08
595	0.07	6.6E-08	1.5E+01	9.9E-04	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.6E-08
596	0.01	1.3E-08	3.0E+00	9.9E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
597	0.02	1.5E-08	3.5E+00	9.9E-04	1.0E-03	3.6E-06	1.6E-01	2.7E-02	1.5E-08
598	0.02	1.8E-08	4.0E+00	9.9E-04	1.0E-03	4.2E-06	1.6E-01	2.7E-02	1.8E-08
599	0.02	2.1E-08	4.8E+00	9.9E-04	1.0E-03	5.0E-06	1.6E-01	2.7E-02	2.1E-08
600	0.03	2.6E-08	5.8E+00	9.9E-04	1.0E-03	6.0E-06	1.6E-01	2.7E-02	2.6E-08
601	0.23	2.3E-07	5.1E+01	9.9E-04	1.0E-03	5.3E-05	1.6E-01	2.7E-02	2.3E-07
602	0.17	1.7E-07	3.9E+01	9.9E-04	1.0E-03	4.0E-05	1.6E-01	2.7E-02	1.7E-07
603	0.13	1.3E-07	3.0E+01	9.9E-04	1.0E-03	3.1E-05	1.6E-01	2.7E-02	1.3E-07
604	0.11	1.1E-07	2.4E+01	9.9E-04	1.0E-03	2.5E-05	1.6E-01	2.7E-02	1.1E-07
605	0.09	8.5E-08	1.9E+01	9.9E-04	1.0E-03	2.0E-05	1.6E-01	2.7E-02	8.5E-08
606	0.07	6.9E-08	1.5E+01	9.9E-04	1.0E-03	1.6E-05	1.6E-01	2.7E-02	6.9E-08
607	0.01	1.3E-08	3.0E+00	9.9E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
608	0.02	1.6E-08	3.5E+00	9.9E-04	1.0E-03	3.6E-06	1.6E-01	2.7E-02	1.6E-08
609	0.02	1.8E-08	4.1E+00	9.9E-04	1.0E-03	4.3E-06	1.6E-01	2.7E-02	1.8E-08
610	0.02	2.2E-08	4.9E+00	9.9E-04	1.0E-03	5.1E-06	1.6E-01	2.7E-02	2.2E-08
611	0.03	2.6E-08	6.0E+00	9.9E-04	1.0E-03	6.1E-06	1.6E-01	2.7E-02	2.6E-08
612	0.25	2.5E-07	5.6E+01	9.9E-04	1.0E-03	5.8E-05	1.6E-01	2.7E-02	2.5E-07
613	0.18	1.8E-07	4.1E+01	9.9E-04	1.0E-03	4.2E-05	1.6E-01	2.7E-02	1.8E-07
614	0.14	1.4E-07	3.1E+01	9.9E-04	1.0E-03	3.2E-05	1.6E-01	2.7E-02	1.4E-07
615	0.11	1.1E-07	2.4E+01	9.9E-04	1.0E-03	2.5E-05	1.6E-01	2.7E-02	1.1E-07
616	0.08	8.5E-08	1.9E+01	9.9E-04	1.0E-03	2.0E-05	1.6E-01	2.7E-02	8.5E-08
617	0.07	6.8E-08	1.5E+01	9.9E-04	1.0E-03	1.6E-05	1.6E-01	2.7E-02	6.8E-08
618	0.01	1.4E-08	3.0E+00	9.9E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.4E-08
619	0.02	1.6E-08	3.5E+00	9.9E-04	1.0E-03	3.6E-06	1.6E-01	2.7E-02	1.6E-08
620	0.02	1.8E-08	4.2E+00	9.9E-04	1.0E-03	4.3E-06	1.6E-01	2.7E-02	1.8E-08
621	0.02	2.2E-08	4.9E+00	9.9E-04	1.0E-03	5.1E-06	1.6E-01	2.7E-02	2.2E-08
622	0.03	2.7E-08	6.0E+00	9.9E-04	1.0E-03	6.2E-06	1.6E-01	2.7E-02	2.7E-08
623	0.25	2.5E-07	5.5E+01	9.9E-04	1.0E-03	5.7E-05	1.6E-01	2.7E-02	2.5E-07
624	0.18	1.8E-07	4.0E+01	9.9E-04	1.0E-03	4.1E-05	1.6E-01	2.7E-02	1.8E-07
625	0.13	1.3E-07	3.0E+01	9.9E-04	1.0E-03	3.0E-05	1.6E-01	2.7E-02	1.3E-07
626	0.10	1.0E-07	2.3E+01	9.9E-04	1.0E-03	2.4E-05	1.6E-01	2.7E-02	1.0E-07
627	0.08	8.2E-08	1.8E+01	9.9E-04	1.0E-03	1.9E-05	1.6E-01	2.7E-02	8.2E-08
628	0.07	6.6E-08	1.5E+01	9.9E-04	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.6E-08
629	0.01	1.3E-08	3.0E+00	9.9E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
630	0.02	1.6E-08	3.5E+00	9.9E-04	1.0E-03	3.6E-06	1.6E-01	2.7E-02	1.6E-08
631	0.02	1.8E-08	4.1E+00	9.9E-04	1.0E-03	4.2E-06	1.6E-01	2.7E-02	1.8E-08

632	0.02	2.2E-08	4.9E+00	9.9E-04	1.0E-03	5.0E-06	1.6E-01	2.7E-02	2.2E-08
633	0.03	2.6E-08	5.9E+00	9.9E-04	1.0E-03	6.1E-06	1.6E-01	2.7E-02	2.6E-08
634	0.22	2.2E-07	4.9E+01	9.9E-04	1.0E-03	5.0E-05	1.6E-01	2.7E-02	2.2E-07
635	0.16	1.6E-07	3.6E+01	9.9E-04	1.0E-03	3.7E-05	1.6E-01	2.7E-02	1.6E-07
636	0.12	1.2E-07	2.7E+01	9.9E-04	1.0E-03	2.8E-05	1.6E-01	2.7E-02	1.2E-07
637	0.09	9.4E-08	2.1E+01	9.9E-04	1.0E-03	2.2E-05	1.6E-01	2.7E-02	9.4E-08
638	0.08	7.6E-08	1.7E+01	9.9E-04	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.6E-08
639	0.06	6.3E-08	1.4E+01	9.9E-04	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.3E-08
640	0.01	1.3E-08	3.0E+00	9.9E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
641	0.02	1.5E-08	3.4E+00	9.9E-04	1.0E-03	3.6E-06	1.6E-01	2.7E-02	1.5E-08
642	0.02	1.8E-08	4.0E+00	9.9E-04	1.0E-03	4.2E-06	1.6E-01	2.7E-02	1.8E-08
643	0.02	2.1E-08	4.8E+00	9.9E-04	1.0E-03	4.9E-06	1.6E-01	2.7E-02	2.1E-08
644	0.03	2.6E-08	5.8E+00	9.9E-04	1.0E-03	6.0E-06	1.6E-01	2.7E-02	2.6E-08
645	0.18	1.8E-07	4.0E+01	9.9E-04	1.0E-03	4.1E-05	1.6E-01	2.7E-02	1.8E-07
646	0.13	1.3E-07	3.0E+01	9.9E-04	1.0E-03	3.1E-05	1.6E-01	2.7E-02	1.3E-07
647	0.11	1.1E-07	2.4E+01	9.9E-04	1.0E-03	2.5E-05	1.6E-01	2.7E-02	1.1E-07
648	0.08	8.5E-08	1.9E+01	9.9E-04	1.0E-03	2.0E-05	1.6E-01	2.7E-02	8.5E-08
649	0.07	7.0E-08	1.6E+01	9.9E-04	1.0E-03	1.6E-05	1.6E-01	2.7E-02	7.0E-08
650	0.06	5.8E-08	1.3E+01	9.9E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.8E-08
651	0.01	1.3E-08	2.9E+00	9.9E-04	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
652	0.02	1.5E-08	3.4E+00	9.9E-04	1.0E-03	3.5E-06	1.6E-01	2.7E-02	1.5E-08
653	0.02	1.8E-08	3.9E+00	9.9E-04	1.0E-03	4.1E-06	1.6E-01	2.7E-02	1.8E-08
654	0.02	2.1E-08	4.7E+00	9.9E-04	1.0E-03	4.8E-06	1.6E-01	2.7E-02	2.1E-08
655	0.02	2.5E-08	5.6E+00	9.9E-04	1.0E-03	5.8E-06	1.6E-01	2.7E-02	2.5E-08
656	0.03	3.0E-08	6.8E+00	9.9E-04	1.0E-03	7.0E-06	1.6E-01	2.7E-02	3.0E-08
657	0.04	3.8E-08	8.5E+00	9.9E-04	1.0E-03	8.8E-06	1.6E-01	2.7E-02	3.8E-08
658	0.05	4.9E-08	1.1E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.9E-08
659	0.07	6.5E-08	1.5E+01	9.9E-04	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.5E-08
660	0.09	9.0E-08	2.0E+01	9.9E-04	1.0E-03	2.1E-05	1.6E-01	2.7E-02	9.0E-08
661	0.13	1.3E-07	2.8E+01	9.9E-04	1.0E-03	2.9E-05	1.6E-01	2.7E-02	1.3E-07
662	0.17	1.7E-07	3.9E+01	9.9E-04	1.0E-03	4.0E-05	1.6E-01	2.7E-02	1.7E-07
663	0.22	2.2E-07	5.0E+01	9.9E-04	1.0E-03	5.2E-05	1.6E-01	2.7E-02	2.2E-07
664	0.27	2.7E-07	6.0E+01	9.9E-04	1.0E-03	6.2E-05	1.6E-01	2.7E-02	2.7E-07
665	0.30	3.0E-07	6.6E+01	9.9E-04	1.0E-03	6.9E-05	1.6E-01	2.7E-02	3.0E-07
666	0.30	3.0E-07	6.8E+01	9.9E-04	1.0E-03	7.1E-05	1.6E-01	2.7E-02	3.0E-07
667	0.29	2.9E-07	6.6E+01	9.9E-04	1.0E-03	6.8E-05	1.6E-01	2.7E-02	2.9E-07
668	0.26	2.6E-07	6.0E+01	9.9E-04	1.0E-03	6.2E-05	1.6E-01	2.7E-02	2.6E-07
669	0.22	2.2E-07	5.0E+01	9.9E-04	1.0E-03	5.2E-05	1.6E-01	2.7E-02	2.2E-07
670	0.18	1.8E-07	4.0E+01	9.9E-04	1.0E-03	4.1E-05	1.6E-01	2.7E-02	1.8E-07
671	0.14	1.4E-07	3.1E+01	9.9E-04	1.0E-03	3.2E-05	1.6E-01	2.7E-02	1.4E-07
672	0.11	1.1E-07	2.5E+01	9.9E-04	1.0E-03	2.6E-05	1.6E-01	2.7E-02	1.1E-07
673	0.09	9.1E-08	2.0E+01	9.9E-04	1.0E-03	2.1E-05	1.6E-01	2.7E-02	9.1E-08
674	0.07	7.5E-08	1.7E+01	9.9E-04	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.5E-08
675	0.06	6.2E-08	1.4E+01	9.9E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-02	6.2E-08
676	0.05	5.3E-08	1.2E+01	9.9E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.3E-08
677	0.01	1.3E-08	2.8E+00	9.9E-04	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.3E-08
678	0.01	1.4E-08	3.2E+00	9.9E-04	1.0E-03	3.3E-06	1.6E-01	2.7E-02	1.4E-08
679	0.02	1.7E-08	3.8E+00	9.9E-04	1.0E-03	3.9E-06	1.6E-01	2.7E-02	1.7E-08
680	0.02	2.0E-08	4.4E+00	9.9E-04	1.0E-03	4.5E-06	1.6E-01	2.7E-02	2.0E-08

681	0.02	2.3E-08	5.2E+00	9.9E-04	1.0E-03	5.4E-06	1.6E-01	2.7E-02	2.3E-08
682	0.03	2.8E-08	6.3E+00	9.9E-04	1.0E-03	6.5E-06	1.6E-01	2.7E-02	2.8E-08
683	0.03	3.5E-08	7.8E+00	9.9E-04	1.0E-03	8.0E-06	1.6E-01	2.7E-02	3.5E-08
684	0.04	4.4E-08	9.8E+00	9.9E-04	1.0E-03	1.0E-05	1.6E-01	2.7E-02	4.4E-08
685	0.06	5.7E-08	1.3E+01	9.9E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.7E-08
686	0.07	7.4E-08	1.7E+01	9.9E-04	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.4E-08
687	0.10	9.7E-08	2.2E+01	9.9E-04	1.0E-03	2.3E-05	1.6E-01	2.7E-02	9.7E-08
688	0.13	1.3E-07	2.8E+01	9.9E-04	1.0E-03	2.9E-05	1.6E-01	2.7E-02	1.3E-07
689	0.15	1.5E-07	3.5E+01	9.9E-04	1.0E-03	3.6E-05	1.6E-01	2.7E-02	1.5E-07
690	0.18	1.8E-07	4.0E+01	9.9E-04	1.0E-03	4.1E-05	1.6E-01	2.7E-02	1.8E-07
691	0.19	1.9E-07	4.4E+01	9.9E-04	1.0E-03	4.5E-05	1.6E-01	2.7E-02	1.9E-07
692	0.20	2.0E-07	4.5E+01	9.9E-04	1.0E-03	4.7E-05	1.6E-01	2.7E-02	2.0E-07
693	0.20	2.0E-07	4.4E+01	9.9E-04	1.0E-03	4.5E-05	1.6E-01	2.7E-02	2.0E-07
694	0.18	1.8E-07	4.1E+01	9.9E-04	1.0E-03	4.2E-05	1.6E-01	2.7E-02	1.8E-07
695	0.16	1.6E-07	3.6E+01	9.9E-04	1.0E-03	3.7E-05	1.6E-01	2.7E-02	1.6E-07
696	0.13	1.3E-07	3.0E+01	9.9E-04	1.0E-03	3.1E-05	1.6E-01	2.7E-02	1.3E-07
697	0.11	1.1E-07	2.5E+01	9.9E-04	1.0E-03	2.6E-05	1.6E-01	2.7E-02	1.1E-07
698	0.09	9.3E-08	2.1E+01	9.9E-04	1.0E-03	2.2E-05	1.6E-01	2.7E-02	9.3E-08
699	0.08	7.7E-08	1.7E+01	9.9E-04	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.7E-08
700	0.07	6.5E-08	1.5E+01	9.9E-04	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.5E-08
701	0.06	5.5E-08	1.2E+01	9.9E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.5E-08
702	0.05	4.7E-08	1.1E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.7E-08
703	0.01	1.2E-08	2.7E+00	9.9E-04	1.0E-03	2.8E-06	1.6E-01	2.7E-02	1.2E-08
704	0.01	1.4E-08	3.1E+00	9.9E-04	1.0E-03	3.2E-06	1.6E-01	2.7E-02	1.4E-08
705	0.02	1.6E-08	3.6E+00	9.9E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-02	1.6E-08
706	0.02	1.8E-08	4.1E+00	9.9E-04	1.0E-03	4.3E-06	1.6E-01	2.7E-02	1.8E-08
707	0.02	2.2E-08	4.9E+00	9.9E-04	1.0E-03	5.0E-06	1.6E-01	2.7E-02	2.2E-08
708	0.03	2.6E-08	5.9E+00	9.9E-04	1.0E-03	6.0E-06	1.6E-01	2.7E-02	2.6E-08
709	0.03	3.2E-08	7.1E+00	9.9E-04	1.0E-03	7.3E-06	1.6E-01	2.7E-02	3.2E-08
710	0.04	3.9E-08	8.8E+00	9.9E-04	1.0E-03	9.1E-06	1.6E-01	2.7E-02	3.9E-08
711	0.05	4.9E-08	1.1E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.9E-08
712	0.06	6.1E-08	1.4E+01	9.9E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-02	6.1E-08
713	0.08	7.6E-08	1.7E+01	9.9E-04	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.6E-08
714	0.09	9.4E-08	2.1E+01	9.9E-04	1.0E-03	2.2E-05	1.6E-01	2.7E-02	9.4E-08
715	0.11	1.1E-07	2.5E+01	9.9E-04	1.0E-03	2.6E-05	1.6E-01	2.7E-02	1.1E-07
716	0.13	1.3E-07	2.8E+01	9.9E-04	1.0E-03	2.9E-05	1.6E-01	2.7E-02	1.3E-07
717	0.14	1.4E-07	3.1E+01	9.9E-04	1.0E-03	3.2E-05	1.6E-01	2.7E-02	1.4E-07
718	0.14	1.4E-07	3.2E+01	9.9E-04	1.0E-03	3.3E-05	1.6E-01	2.7E-02	1.4E-07
719	0.14	1.4E-07	3.1E+01	9.9E-04	1.0E-03	3.2E-05	1.6E-01	2.7E-02	1.4E-07
720	0.13	1.3E-07	3.0E+01	9.9E-04	1.0E-03	3.1E-05	1.6E-01	2.7E-02	1.3E-07
721	0.12	1.2E-07	2.7E+01	9.9E-04	1.0E-03	2.8E-05	1.6E-01	2.7E-02	1.2E-07
722	0.10	1.0E-07	2.4E+01	9.9E-04	1.0E-03	2.4E-05	1.6E-01	2.7E-02	1.0E-07
723	0.09	9.0E-08	2.0E+01	9.9E-04	1.0E-03	2.1E-05	1.6E-01	2.7E-02	9.0E-08
724	0.08	7.8E-08	1.7E+01	9.9E-04	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.8E-08
725	0.07	6.6E-08	1.5E+01	9.9E-04	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.6E-08
726	0.06	5.7E-08	1.3E+01	9.9E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.7E-08
727	0.05	4.9E-08	1.1E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.9E-08
728	0.04	4.3E-08	9.6E+00	9.9E-04	1.0E-03	9.9E-06	1.6E-01	2.7E-02	4.3E-08
729	0.01	1.2E-08	2.6E+00	9.9E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08

730	0.01	1.3E-08	3.0E+00	9.9E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
731	0.02	1.5E-08	3.4E+00	9.9E-04	1.0E-03	3.5E-06	1.6E-01	2.7E-02	1.5E-08
732	0.02	1.7E-08	3.9E+00	9.9E-04	1.0E-03	4.0E-06	1.6E-01	2.7E-02	1.7E-08
733	0.02	2.0E-08	4.5E+00	9.9E-04	1.0E-03	4.7E-06	1.6E-01	2.7E-02	2.0E-08
734	0.02	2.4E-08	5.4E+00	9.9E-04	1.0E-03	5.6E-06	1.6E-01	2.7E-02	2.4E-08
735	0.03	2.9E-08	6.4E+00	9.9E-04	1.0E-03	6.7E-06	1.6E-01	2.7E-02	2.9E-08
736	0.03	3.5E-08	7.8E+00	9.9E-04	1.0E-03	8.1E-06	1.6E-01	2.7E-02	3.5E-08
737	0.04	4.2E-08	9.4E+00	9.9E-04	1.0E-03	9.7E-06	1.6E-01	2.7E-02	4.2E-08
738	0.05	5.1E-08	1.1E+01	9.9E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.1E-08
739	0.06	6.1E-08	1.4E+01	9.9E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-02	6.1E-08
740	0.07	7.3E-08	1.6E+01	9.9E-04	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.3E-08
741	0.08	8.4E-08	1.9E+01	9.9E-04	1.0E-03	2.0E-05	1.6E-01	2.7E-02	8.4E-08
742	0.09	9.3E-08	2.1E+01	9.9E-04	1.0E-03	2.2E-05	1.6E-01	2.7E-02	9.3E-08
743	0.10	1.0E-07	2.2E+01	9.9E-04	1.0E-03	2.3E-05	1.6E-01	2.7E-02	1.0E-07
744	0.10	1.0E-07	2.3E+01	9.9E-04	1.0E-03	2.4E-05	1.6E-01	2.7E-02	1.0E-07
745	0.10	1.0E-07	2.3E+01	9.9E-04	1.0E-03	2.4E-05	1.6E-01	2.7E-02	1.0E-07
746	0.10	1.0E-07	2.2E+01	9.9E-04	1.0E-03	2.3E-05	1.6E-01	2.7E-02	1.0E-07
747	0.09	9.3E-08	2.1E+01	9.9E-04	1.0E-03	2.2E-05	1.6E-01	2.7E-02	9.3E-08
748	0.08	8.4E-08	1.9E+01	9.9E-04	1.0E-03	1.9E-05	1.6E-01	2.7E-02	8.4E-08
749	0.07	7.4E-08	1.7E+01	9.9E-04	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.4E-08
750	0.07	6.5E-08	1.5E+01	9.9E-04	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.5E-08
751	0.06	5.7E-08	1.3E+01	9.9E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.7E-08
752	0.05	5.0E-08	1.1E+01	9.9E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.0E-08
753	0.04	4.4E-08	9.8E+00	9.9E-04	1.0E-03	1.0E-05	1.6E-01	2.7E-02	4.4E-08
754	0.04	3.8E-08	8.7E+00	9.9E-04	1.0E-03	8.9E-06	1.6E-01	2.7E-02	3.8E-08
755	0.01	1.1E-08	2.5E+00	9.9E-04	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
756	0.01	1.2E-08	2.8E+00	9.9E-04	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.2E-08
757	0.01	1.4E-08	3.2E+00	9.9E-04	1.0E-03	3.3E-06	1.6E-01	2.7E-02	1.4E-08
758	0.02	1.6E-08	3.6E+00	9.9E-04	1.0E-03	3.8E-06	1.6E-01	2.7E-02	1.6E-08
759	0.02	1.9E-08	4.2E+00	9.9E-04	1.0E-03	4.4E-06	1.6E-01	2.7E-02	1.9E-08
760	0.02	2.2E-08	4.9E+00	9.9E-04	1.0E-03	5.1E-06	1.6E-01	2.7E-02	2.2E-08
761	0.03	2.6E-08	5.8E+00	9.9E-04	1.0E-03	6.0E-06	1.6E-01	2.7E-02	2.6E-08
762	0.03	3.1E-08	6.9E+00	9.9E-04	1.0E-03	7.1E-06	1.6E-01	2.7E-02	3.1E-08
763	0.04	3.6E-08	8.1E+00	9.9E-04	1.0E-03	8.4E-06	1.6E-01	2.7E-02	3.6E-08
764	0.04	4.3E-08	9.6E+00	9.9E-04	1.0E-03	9.9E-06	1.6E-01	2.7E-02	4.3E-08
765	0.05	5.0E-08	1.1E+01	9.9E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.0E-08
766	0.06	5.8E-08	1.3E+01	9.9E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.8E-08
767	0.07	6.6E-08	1.5E+01	9.9E-04	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.6E-08
768	0.07	7.2E-08	1.6E+01	9.9E-04	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.2E-08
769	0.08	7.7E-08	1.7E+01	9.9E-04	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.7E-08
770	0.08	8.0E-08	1.8E+01	9.9E-04	1.0E-03	1.9E-05	1.6E-01	2.7E-02	8.0E-08
771	0.08	8.1E-08	1.8E+01	9.9E-04	1.0E-03	1.9E-05	1.6E-01	2.7E-02	8.1E-08
772	0.08	7.9E-08	1.8E+01	9.9E-04	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.9E-08
773	0.07	7.5E-08	1.7E+01	9.9E-04	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.5E-08
774	0.07	6.8E-08	1.5E+01	9.9E-04	1.0E-03	1.6E-05	1.6E-01	2.7E-02	6.8E-08
775	0.06	6.2E-08	1.4E+01	9.9E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-02	6.2E-08
776	0.06	5.5E-08	1.2E+01	9.9E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.5E-08
777	0.05	4.9E-08	1.1E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.9E-08
778	0.04	4.4E-08	9.9E+00	9.9E-04	1.0E-03	1.0E-05	1.6E-01	2.7E-02	4.4E-08

779	0.04	3.9E-08	8.8E+00	9.9E-04	1.0E-03	9.1E-06	1.6E-01	2.7E-02	3.9E-08
780	0.03	3.5E-08	7.8E+00	9.9E-04	1.0E-03	8.1E-06	1.6E-01	2.7E-02	3.5E-08
781	0.01	1.1E-08	2.4E+00	9.9E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.1E-08
782	0.01	1.2E-08	2.6E+00	9.9E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08
783	0.01	1.3E-08	3.0E+00	9.9E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
784	0.02	1.5E-08	3.4E+00	9.9E-04	1.0E-03	3.5E-06	1.6E-01	2.7E-02	1.5E-08
785	0.02	1.7E-08	3.9E+00	9.9E-04	1.0E-03	4.0E-06	1.6E-01	2.7E-02	1.7E-08
786	0.02	2.0E-08	4.5E+00	9.9E-04	1.0E-03	4.6E-06	1.6E-01	2.7E-02	2.0E-08
787	0.02	2.3E-08	5.2E+00	9.9E-04	1.0E-03	5.4E-06	1.6E-01	2.7E-02	2.3E-08
788	0.03	2.7E-08	6.1E+00	9.9E-04	1.0E-03	6.3E-06	1.6E-01	2.7E-02	2.7E-08
789	0.03	3.1E-08	7.0E+00	9.9E-04	1.0E-03	7.3E-06	1.6E-01	2.7E-02	3.1E-08
790	0.04	3.6E-08	8.1E+00	9.9E-04	1.0E-03	8.4E-06	1.6E-01	2.7E-02	3.6E-08
791	0.04	4.1E-08	9.3E+00	9.9E-04	1.0E-03	9.6E-06	1.6E-01	2.7E-02	4.1E-08
792	0.05	4.7E-08	1.1E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.7E-08
793	0.05	5.3E-08	1.2E+01	9.9E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.3E-08
794	0.06	5.7E-08	1.3E+01	9.9E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.7E-08
795	0.06	6.1E-08	1.4E+01	9.9E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-02	6.1E-08
796	0.06	6.3E-08	1.4E+01	9.9E-04	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.3E-08
797	0.06	6.4E-08	1.5E+01	9.9E-04	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.4E-08
798	0.06	6.4E-08	1.4E+01	9.9E-04	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.4E-08
799	0.06	6.1E-08	1.4E+01	9.9E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-02	6.1E-08
800	0.06	5.6E-08	1.3E+01	9.9E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.6E-08
801	0.05	5.2E-08	1.2E+01	9.9E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.2E-08
802	0.05	4.8E-08	1.1E+01	9.9E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.8E-08
803	0.04	4.3E-08	9.7E+00	9.9E-04	1.0E-03	1.0E-05	1.6E-01	2.7E-02	4.3E-08
804	0.04	3.9E-08	8.8E+00	9.9E-04	1.0E-03	9.1E-06	1.6E-01	2.7E-02	3.9E-08
805	0.04	3.5E-08	7.9E+00	9.9E-04	1.0E-03	8.1E-06	1.6E-01	2.7E-02	3.5E-08
806	0.03	3.2E-08	7.1E+00	9.9E-04	1.0E-03	7.3E-06	1.6E-01	2.7E-02	3.2E-08

Risk From New Building Paving - Unmitigated Residential

Franklin School Project

Risk From New Building Paving - Unmitigated Residential

	1.00	Max					Onsite		
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
1	0.00	4.0E-09	2.0E-01	4.4E-03	1.0E-03	9.2E-07	1.6E-01	2.7E-02	4.0E-09
2	0.00	4.4E-09	2.2E-01	4.4E-03	1.0E-03	1.0E-06	1.6E-01	2.7E-02	4.4E-09
3	0.00	4.8E-09	2.5E-01	4.4E-03	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.8E-09
4	0.01	5.3E-09	2.7E-01	4.4E-03	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.3E-09
5	0.01	5.7E-09	2.9E-01	4.4E-03	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.7E-09
6	0.01	6.2E-09	3.2E-01	4.4E-03	1.0E-03	1.4E-06	1.6E-01	2.7E-02	6.2E-09
7	0.01	6.6E-09	3.4E-01	4.4E-03	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.6E-09
8	0.01	7.0E-09	3.6E-01	4.4E-03	1.0E-03	1.6E-06	1.6E-01	2.7E-02	7.0E-09
9	0.01	7.5E-09	3.8E-01	4.4E-03	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.5E-09
10	0.01	7.9E-09	4.0E-01	4.4E-03	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.9E-09
11	0.01	8.5E-09	4.3E-01	4.4E-03	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.5E-09
12	0.01	9.1E-09	4.6E-01	4.4E-03	1.0E-03	2.1E-06	1.6E-01	2.7E-02	9.1E-09
13	0.01	9.6E-09	4.9E-01	4.4E-03	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.6E-09
14	0.01	1.0E-08	5.1E-01	4.4E-03	1.0E-03	2.3E-06	1.6E-01	2.7E-02	1.0E-08
15	0.01	1.0E-08	5.3E-01	4.4E-03	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
16	0.01	1.0E-08	5.3E-01	4.4E-03	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
17	0.00	4.5E-09	2.3E-01	4.4E-03	1.0E-03	1.0E-06	1.6E-01	2.7E-02	4.5E-09
18	0.01	5.0E-09	2.6E-01	4.4E-03	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.0E-09
19	0.01	5.6E-09	2.8E-01	4.4E-03	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.6E-09
20	0.01	6.2E-09	3.2E-01	4.4E-03	1.0E-03	1.4E-06	1.6E-01	2.7E-02	6.2E-09
21	0.01	6.9E-09	3.5E-01	4.4E-03	1.0E-03	1.6E-06	1.6E-01	2.7E-02	6.9E-09
22	0.01	7.5E-09	3.8E-01	4.4E-03	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.5E-09
23	0.01	8.2E-09	4.2E-01	4.4E-03	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.2E-09
24	0.01	8.7E-09	4.4E-01	4.4E-03	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.7E-09
25	0.01	9.4E-09	4.8E-01	4.4E-03	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.4E-09
26	0.01	1.0E-08	5.1E-01	4.4E-03	1.0E-03	2.3E-06	1.6E-01	2.7E-02	1.0E-08
27	0.01	1.1E-08	5.6E-01	4.4E-03	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
28	0.01	1.2E-08	6.0E-01	4.4E-03	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08
29	0.01	1.2E-08	6.4E-01	4.4E-03	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.2E-08
30	0.01	1.3E-08	6.6E-01	4.4E-03	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
31	0.01	1.3E-08	6.7E-01	4.4E-03	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
32	0.01	1.3E-08	6.6E-01	4.4E-03	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
33	0.01	5.1E-09	2.6E-01	4.4E-03	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.1E-09
34	0.01	5.7E-09	2.9E-01	4.4E-03	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.7E-09
35	0.01	6.5E-09	3.3E-01	4.4E-03	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.5E-09
36	0.01	7.4E-09	3.8E-01	4.4E-03	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.4E-09
37	0.01	8.3E-09	4.3E-01	4.4E-03	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.3E-09
38	0.01	9.3E-09	4.7E-01	4.4E-03	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.3E-09
39	0.01	1.0E-08	5.2E-01	4.4E-03	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
40	0.01	1.1E-08	5.7E-01	4.4E-03	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
41	0.01	1.2E-08	6.2E-01	4.4E-03	1.0E-03	2.8E-06	1.6E-01	2.7E-02	1.2E-08
42	0.01	1.3E-08	6.7E-01	4.4E-03	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
43	0.01	1.5E-08	7.4E-01	4.4E-03	1.0E-03	3.4E-06	1.6E-01	2.7E-02	1.5E-08

44	0.02	1.6E-08	8.0E-01	4.4E-03	1.0E-03	3.7E-06	1.6E-01	2.7E-02	1.6E-08
45	0.02	1.7E-08	8.4E-01	4.4E-03	1.0E-03	3.8E-06	1.6E-01	2.7E-02	1.7E-08
46	0.02	1.7E-08	8.6E-01	4.4E-03	1.0E-03	3.9E-06	1.6E-01	2.7E-02	1.7E-08
47	0.02	1.7E-08	8.5E-01	4.4E-03	1.0E-03	3.9E-06	1.6E-01	2.7E-02	1.7E-08
48	0.02	1.6E-08	8.2E-01	4.4E-03	1.0E-03	3.7E-06	1.6E-01	2.7E-02	1.6E-08
49	0.01	5.7E-09	2.9E-01	4.4E-03	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.7E-09
50	0.01	6.6E-09	3.4E-01	4.4E-03	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.6E-09
51	0.01	7.7E-09	3.9E-01	4.4E-03	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.7E-09
52	0.01	8.9E-09	4.5E-01	4.4E-03	1.0E-03	2.1E-06	1.6E-01	2.7E-02	8.9E-09
53	0.01	1.0E-08	5.3E-01	4.4E-03	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
54	0.01	1.2E-08	6.0E-01	4.4E-03	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08
55	0.01	1.3E-08	6.8E-01	4.4E-03	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
56	0.01	1.5E-08	7.5E-01	4.4E-03	1.0E-03	3.4E-06	1.6E-01	2.7E-02	1.5E-08
57	0.02	1.6E-08	8.3E-01	4.4E-03	1.0E-03	3.8E-06	1.6E-01	2.7E-02	1.6E-08
58	0.02	1.8E-08	9.2E-01	4.4E-03	1.0E-03	4.2E-06	1.6E-01	2.7E-02	1.8E-08
59	0.02	2.0E-08	1.0E+00	4.4E-03	1.0E-03	4.8E-06	1.6E-01	2.7E-02	2.0E-08
60	0.02	2.2E-08	1.1E+00	4.4E-03	1.0E-03	5.1E-06	1.6E-01	2.7E-02	2.2E-08
61	0.02	2.3E-08	1.1E+00	4.4E-03	1.0E-03	5.2E-06	1.6E-01	2.7E-02	2.3E-08
62	0.02	2.2E-08	1.1E+00	4.4E-03	1.0E-03	5.2E-06	1.6E-01	2.7E-02	2.2E-08
63	0.02	2.1E-08	1.1E+00	4.4E-03	1.0E-03	4.9E-06	1.6E-01	2.7E-02	2.1E-08
64	0.02	2.0E-08	1.0E+00	4.4E-03	1.0E-03	4.6E-06	1.6E-01	2.7E-02	2.0E-08
65	0.01	6.4E-09	3.3E-01	4.4E-03	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.4E-09
66	0.01	7.6E-09	3.9E-01	4.4E-03	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.6E-09
67	0.01	9.1E-09	4.6E-01	4.4E-03	1.0E-03	2.1E-06	1.6E-01	2.7E-02	9.1E-09
68	0.01	1.1E-08	5.6E-01	4.4E-03	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
69	0.01	1.3E-08	6.7E-01	4.4E-03	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
70	0.02	1.6E-08	7.9E-01	4.4E-03	1.0E-03	3.6E-06	1.6E-01	2.7E-02	1.6E-08
71	0.02	1.8E-08	9.3E-01	4.4E-03	1.0E-03	4.2E-06	1.6E-01	2.7E-02	1.8E-08
72	0.02	2.1E-08	1.0E+00	4.4E-03	1.0E-03	4.8E-06	1.6E-01	2.7E-02	2.1E-08
73	0.02	2.3E-08	1.2E+00	4.4E-03	1.0E-03	5.5E-06	1.6E-01	2.7E-02	2.3E-08
74	0.03	2.7E-08	1.4E+00	4.4E-03	1.0E-03	6.3E-06	1.6E-01	2.7E-02	2.7E-08
75	0.03	3.0E-08	1.5E+00	4.4E-03	1.0E-03	7.0E-06	1.6E-01	2.7E-02	3.0E-08
76	0.03	3.2E-08	1.6E+00	4.4E-03	1.0E-03	7.4E-06	1.6E-01	2.7E-02	3.2E-08
77	0.03	3.1E-08	1.6E+00	4.4E-03	1.0E-03	7.3E-06	1.6E-01	2.7E-02	3.1E-08
78	0.03	2.9E-08	1.5E+00	4.4E-03	1.0E-03	6.8E-06	1.6E-01	2.7E-02	2.9E-08
79	0.03	2.7E-08	1.4E+00	4.4E-03	1.0E-03	6.2E-06	1.6E-01	2.7E-02	2.7E-08
80	0.02	2.4E-08	1.2E+00	4.4E-03	1.0E-03	5.5E-06	1.6E-01	2.7E-02	2.4E-08
81	0.01	7.2E-09	3.7E-01	4.4E-03	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.2E-09
82	0.01	8.7E-09	4.4E-01	4.4E-03	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.7E-09
83	0.01	1.1E-08	5.5E-01	4.4E-03	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
84	0.01	1.3E-08	6.8E-01	4.4E-03	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
85	0.02	1.7E-08	8.6E-01	4.4E-03	1.0E-03	3.9E-06	1.6E-01	2.7E-02	1.7E-08
86	0.02	2.1E-08	1.1E+00	4.4E-03	1.0E-03	4.9E-06	1.6E-01	2.7E-02	2.1E-08
87	0.03	2.6E-08	1.3E+00	4.4E-03	1.0E-03	6.1E-06	1.6E-01	2.7E-02	2.6E-08
88	0.03	3.1E-08	1.6E+00	4.4E-03	1.0E-03	7.3E-06	1.6E-01	2.7E-02	3.1E-08
89	0.04	3.7E-08	1.9E+00	4.4E-03	1.0E-03	8.7E-06	1.6E-01	2.7E-02	3.7E-08
90	0.04	4.4E-08	2.3E+00	4.4E-03	1.0E-03	1.0E-05	1.6E-01	2.7E-02	4.4E-08
91	0.05	4.8E-08	2.4E+00	4.4E-03	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.8E-08
92	0.05	4.7E-08	2.4E+00	4.4E-03	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.7E-08

93	0.04	4.3E-08	2.2E+00	4.4E-03	1.0E-03	1.0E-05	1.6E-01	2.7E-02	4.3E-08
94	0.04	3.8E-08	1.9E+00	4.4E-03	1.0E-03	8.8E-06	1.6E-01	2.7E-02	3.8E-08
95	0.03	3.2E-08	1.6E+00	4.4E-03	1.0E-03	7.5E-06	1.6E-01	2.7E-02	3.2E-08
96	0.03	2.7E-08	1.4E+00	4.4E-03	1.0E-03	6.3E-06	1.6E-01	2.7E-02	2.7E-08
97	0.01	7.9E-09	4.0E-01	4.4E-03	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.9E-09
98	0.01	9.8E-09	5.0E-01	4.4E-03	1.0E-03	2.3E-06	1.6E-01	2.7E-02	9.8E-09
99	0.01	1.3E-08	6.4E-01	4.4E-03	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.3E-08
100	0.02	1.6E-08	8.4E-01	4.4E-03	1.0E-03	3.8E-06	1.6E-01	2.7E-02	1.6E-08
101	0.02	2.2E-08	1.1E+00	4.4E-03	1.0E-03	5.1E-06	1.6E-01	2.7E-02	2.2E-08
102	0.03	3.0E-08	1.5E+00	4.4E-03	1.0E-03	7.0E-06	1.6E-01	2.7E-02	3.0E-08
103	0.04	4.1E-08	2.1E+00	4.4E-03	1.0E-03	9.5E-06	1.6E-01	2.7E-02	4.1E-08
104	0.05	5.4E-08	2.8E+00	4.4E-03	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.4E-08
105	0.07	6.9E-08	3.5E+00	4.4E-03	1.0E-03	1.6E-05	1.6E-01	2.7E-02	6.9E-08
106	0.08	8.1E-08	4.1E+00	4.4E-03	1.0E-03	1.9E-05	1.6E-01	2.7E-02	8.1E-08
107	0.08	7.9E-08	4.0E+00	4.4E-03	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.9E-08
108	0.07	6.9E-08	3.5E+00	4.4E-03	1.0E-03	1.6E-05	1.6E-01	2.7E-02	6.9E-08
109	0.06	5.7E-08	2.9E+00	4.4E-03	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.7E-08
110	0.05	4.6E-08	2.4E+00	4.4E-03	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.6E-08
111	0.04	3.7E-08	1.9E+00	4.4E-03	1.0E-03	8.6E-06	1.6E-01	2.7E-02	3.7E-08
112	0.03	3.0E-08	1.5E+00	4.4E-03	1.0E-03	7.0E-06	1.6E-01	2.7E-02	3.0E-08
113	0.01	8.6E-09	4.4E-01	4.4E-03	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.6E-09
114	0.01	1.1E-08	5.6E-01	4.4E-03	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
115	0.01	1.4E-08	7.4E-01	4.4E-03	1.0E-03	3.4E-06	1.6E-01	2.7E-02	1.4E-08
116	0.02	2.0E-08	1.0E+00	4.4E-03	1.0E-03	4.6E-06	1.6E-01	2.7E-02	2.0E-08
117	0.03	2.9E-08	1.5E+00	4.4E-03	1.0E-03	6.7E-06	1.6E-01	2.7E-02	2.9E-08
118	0.17	1.7E-07	8.4E+00	4.4E-03	1.0E-03	3.8E-05	1.6E-01	2.7E-02	1.7E-07
119	0.13	1.3E-07	6.6E+00	4.4E-03	1.0E-03	3.0E-05	1.6E-01	2.7E-02	1.3E-07
120	0.10	9.6E-08	4.9E+00	4.4E-03	1.0E-03	2.2E-05	1.6E-01	2.7E-02	9.6E-08
121	0.07	7.1E-08	3.6E+00	4.4E-03	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.1E-08
122	0.05	5.3E-08	2.7E+00	4.4E-03	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.3E-08
123	0.04	4.0E-08	2.0E+00	4.4E-03	1.0E-03	9.3E-06	1.6E-01	2.7E-02	4.0E-08
124	0.03	3.1E-08	1.6E+00	4.4E-03	1.0E-03	7.2E-06	1.6E-01	2.7E-02	3.1E-08
125	0.01	9.1E-09	4.6E-01	4.4E-03	1.0E-03	2.1E-06	1.6E-01	2.7E-02	9.1E-09
126	0.01	1.2E-08	6.0E-01	4.4E-03	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08
127	0.02	1.6E-08	8.1E-01	4.4E-03	1.0E-03	3.7E-06	1.6E-01	2.7E-02	1.6E-08
128	0.02	2.3E-08	1.2E+00	4.4E-03	1.0E-03	5.3E-06	1.6E-01	2.7E-02	2.3E-08
129	0.04	3.6E-08	1.8E+00	4.4E-03	1.0E-03	8.2E-06	1.6E-01	2.7E-02	3.6E-08
130	0.32	3.2E-07	1.6E+01	4.4E-03	1.0E-03	7.4E-05	1.6E-01	2.7E-02	3.2E-07
131	0.19	1.9E-07	9.6E+00	4.4E-03	1.0E-03	4.4E-05	1.6E-01	2.7E-02	1.9E-07
132	0.12	1.2E-07	6.0E+00	4.4E-03	1.0E-03	2.7E-05	1.6E-01	2.7E-02	1.2E-07
133	0.08	7.9E-08	4.0E+00	4.4E-03	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.9E-08
134	0.05	5.5E-08	2.8E+00	4.4E-03	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.5E-08
135	0.04	4.0E-08	2.0E+00	4.4E-03	1.0E-03	9.2E-06	1.6E-01	2.7E-02	4.0E-08
136	0.03	3.0E-08	1.5E+00	4.4E-03	1.0E-03	6.9E-06	1.6E-01	2.7E-02	3.0E-08
137	0.01	9.3E-09	4.7E-01	4.4E-03	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.3E-09
138	0.01	1.2E-08	6.2E-01	4.4E-03	1.0E-03	2.8E-06	1.6E-01	2.7E-02	1.2E-08
139	0.02	1.7E-08	8.5E-01	4.4E-03	1.0E-03	3.9E-06	1.6E-01	2.7E-02	1.7E-08
140	0.02	2.5E-08	1.3E+00	4.4E-03	1.0E-03	5.7E-06	1.6E-01	2.7E-02	2.5E-08
141	0.04	3.9E-08	2.0E+00	4.4E-03	1.0E-03	9.1E-06	1.6E-01	2.7E-02	3.9E-08

142	0.45	4.5E-07	2.3E+01	4.4E-03	1.0E-03	1.0E-04	1.6E-01	2.7E-02	4.5E-07
143	0.22	2.2E-07	1.1E+01	4.4E-03	1.0E-03	5.1E-05	1.6E-01	2.7E-02	2.2E-07
144	0.12	1.2E-07	6.2E+00	4.4E-03	1.0E-03	2.8E-05	1.6E-01	2.7E-02	1.2E-07
145	0.08	7.7E-08	3.9E+00	4.4E-03	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.7E-08
146	0.05	5.1E-08	2.6E+00	4.4E-03	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.1E-08
147	0.04	3.6E-08	1.8E+00	4.4E-03	1.0E-03	8.4E-06	1.6E-01	2.7E-02	3.6E-08
148	0.03	2.7E-08	1.4E+00	4.4E-03	1.0E-03	6.2E-06	1.6E-01	2.7E-02	2.7E-08
149	0.01	9.2E-09	4.7E-01	4.4E-03	1.0E-03	2.1E-06	1.6E-01	2.7E-02	9.2E-09
150	0.01	1.2E-08	6.1E-01	4.4E-03	1.0E-03	2.8E-06	1.6E-01	2.7E-02	1.2E-08
151	0.02	1.6E-08	8.4E-01	4.4E-03	1.0E-03	3.8E-06	1.6E-01	2.7E-02	1.6E-08
152	0.02	2.4E-08	1.2E+00	4.4E-03	1.0E-03	5.6E-06	1.6E-01	2.7E-02	2.4E-08
153	0.04	3.8E-08	1.9E+00	4.4E-03	1.0E-03	8.9E-06	1.6E-01	2.7E-02	3.8E-08
154	0.65	6.5E-07	3.3E+01	4.4E-03	1.0E-03	1.5E-04	1.6E-01	2.7E-02	6.5E-07
155	0.20	2.0E-07	1.0E+01	4.4E-03	1.0E-03	4.7E-05	1.6E-01	2.7E-02	2.0E-07
156	0.10	1.0E-07	5.1E+00	4.4E-03	1.0E-03	2.3E-05	1.6E-01	2.7E-02	1.0E-07
157	0.07	6.5E-08	3.3E+00	4.4E-03	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.5E-08
158	0.04	4.4E-08	2.2E+00	4.4E-03	1.0E-03	1.0E-05	1.6E-01	2.7E-02	4.4E-08
159	0.03	3.1E-08	1.6E+00	4.4E-03	1.0E-03	7.2E-06	1.6E-01	2.7E-02	3.1E-08
160	0.02	2.3E-08	1.2E+00	4.4E-03	1.0E-03	5.4E-06	1.6E-01	2.7E-02	2.3E-08
161	0.01	8.4E-09	4.3E-01	4.4E-03	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.4E-09
162	0.01	1.1E-08	5.6E-01	4.4E-03	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
163	0.01	1.5E-08	7.4E-01	4.4E-03	1.0E-03	3.4E-06	1.6E-01	2.7E-02	1.5E-08
164	0.02	2.1E-08	1.1E+00	4.4E-03	1.0E-03	5.0E-06	1.6E-01	2.7E-02	2.1E-08
165	0.03	3.4E-08	1.7E+00	4.4E-03	1.0E-03	7.8E-06	1.6E-01	2.7E-02	3.4E-08
166	0.06	5.8E-08	3.0E+00	4.4E-03	1.0E-03	1.4E-05	1.6E-01	2.7E-02	5.8E-08
167	0.12	1.2E-07	6.1E+00	4.4E-03	1.0E-03	2.8E-05	1.6E-01	2.7E-02	1.2E-07
168	0.29	2.9E-07	1.5E+01	4.4E-03	1.0E-03	6.7E-05	1.6E-01	2.7E-02	2.9E-07
169	0.43	4.3E-07	2.2E+01	4.4E-03	1.0E-03	1.0E-04	1.6E-01	2.7E-02	4.3E-07
170	0.28	2.8E-07	1.4E+01	4.4E-03	1.0E-03	6.5E-05	1.6E-01	2.7E-02	2.8E-07
171	0.14	1.4E-07	7.1E+00	4.4E-03	1.0E-03	3.2E-05	1.6E-01	2.7E-02	1.4E-07
172	0.07	7.3E-08	3.7E+00	4.4E-03	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.3E-08
173	0.05	4.8E-08	2.5E+00	4.4E-03	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.8E-08
174	0.04	3.6E-08	1.8E+00	4.4E-03	1.0E-03	8.3E-06	1.6E-01	2.7E-02	3.6E-08
175	0.03	2.6E-08	1.3E+00	4.4E-03	1.0E-03	6.1E-06	1.6E-01	2.7E-02	2.6E-08
176	0.02	2.0E-08	1.0E+00	4.4E-03	1.0E-03	4.6E-06	1.6E-01	2.7E-02	2.0E-08
177	0.01	7.8E-09	4.0E-01	4.4E-03	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.8E-09
178	0.01	9.9E-09	5.1E-01	4.4E-03	1.0E-03	2.3E-06	1.6E-01	2.7E-02	9.9E-09
179	0.01	1.3E-08	6.6E-01	4.4E-03	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
180	0.02	1.9E-08	9.6E-01	4.4E-03	1.0E-03	4.4E-06	1.6E-01	2.7E-02	1.9E-08
181	0.03	2.7E-08	1.4E+00	4.4E-03	1.0E-03	6.4E-06	1.6E-01	2.7E-02	2.7E-08
182	0.04	4.2E-08	2.2E+00	4.4E-03	1.0E-03	9.9E-06	1.6E-01	2.7E-02	4.2E-08
183	0.07	7.1E-08	3.6E+00	4.4E-03	1.0E-03	1.6E-05	1.6E-01	2.7E-02	7.1E-08
184	0.11	1.1E-07	5.8E+00	4.4E-03	1.0E-03	2.6E-05	1.6E-01	2.7E-02	1.1E-07
185	0.14	1.4E-07	7.4E+00	4.4E-03	1.0E-03	3.4E-05	1.6E-01	2.7E-02	1.4E-07
186	0.13	1.3E-07	6.4E+00	4.4E-03	1.0E-03	2.9E-05	1.6E-01	2.7E-02	1.3E-07
187	0.09	8.8E-08	4.5E+00	4.4E-03	1.0E-03	2.0E-05	1.6E-01	2.7E-02	8.8E-08
188	0.06	5.9E-08	3.0E+00	4.4E-03	1.0E-03	1.4E-05	1.6E-01	2.7E-02	5.9E-08
189	0.04	3.8E-08	1.9E+00	4.4E-03	1.0E-03	8.8E-06	1.6E-01	2.7E-02	3.8E-08
190	0.03	2.9E-08	1.5E+00	4.4E-03	1.0E-03	6.8E-06	1.6E-01	2.7E-02	2.9E-08

191	0.02	2.2E-08	1.1E+00	4.4E-03	1.0E-03	5.2E-06	1.6E-01	2.7E-02	2.2E-08
192	0.02	1.7E-08	8.8E-01	4.4E-03	1.0E-03	4.0E-06	1.6E-01	2.7E-02	1.7E-08
193	0.01	7.2E-09	3.7E-01	4.4E-03	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.2E-09
194	0.01	9.2E-09	4.7E-01	4.4E-03	1.0E-03	2.1E-06	1.6E-01	2.7E-02	9.2E-09
195	0.01	1.2E-08	6.2E-01	4.4E-03	1.0E-03	2.8E-06	1.6E-01	2.7E-02	1.2E-08
196	0.02	1.6E-08	8.1E-01	4.4E-03	1.0E-03	3.7E-06	1.6E-01	2.7E-02	1.6E-08
197	0.02	2.2E-08	1.1E+00	4.4E-03	1.0E-03	5.1E-06	1.6E-01	2.7E-02	2.2E-08
198	0.03	3.1E-08	1.6E+00	4.4E-03	1.0E-03	7.2E-06	1.6E-01	2.7E-02	3.1E-08
199	0.05	4.5E-08	2.3E+00	4.4E-03	1.0E-03	1.0E-05	1.6E-01	2.7E-02	4.5E-08
200	0.06	6.2E-08	3.1E+00	4.4E-03	1.0E-03	1.4E-05	1.6E-01	2.7E-02	6.2E-08
201	0.07	7.3E-08	3.7E+00	4.4E-03	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.3E-08
202	0.07	7.0E-08	3.5E+00	4.4E-03	1.0E-03	1.6E-05	1.6E-01	2.7E-02	7.0E-08
203	0.05	5.4E-08	2.8E+00	4.4E-03	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.4E-08
204	0.04	4.2E-08	2.1E+00	4.4E-03	1.0E-03	9.8E-06	1.6E-01	2.7E-02	4.2E-08
205	0.03	3.2E-08	1.6E+00	4.4E-03	1.0E-03	7.3E-06	1.6E-01	2.7E-02	3.2E-08
206	0.02	2.3E-08	1.2E+00	4.4E-03	1.0E-03	5.4E-06	1.6E-01	2.7E-02	2.3E-08
207	0.02	1.9E-08	9.9E-01	4.4E-03	1.0E-03	4.5E-06	1.6E-01	2.7E-02	1.9E-08
208	0.02	1.5E-08	7.9E-01	4.4E-03	1.0E-03	3.6E-06	1.6E-01	2.7E-02	1.5E-08
209	0.01	6.9E-09	3.5E-01	4.4E-03	1.0E-03	1.6E-06	1.6E-01	2.7E-02	6.9E-09
210	0.01	8.5E-09	4.3E-01	4.4E-03	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.5E-09
211	0.01	1.1E-08	5.4E-01	4.4E-03	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.1E-08
212	0.01	1.3E-08	6.8E-01	4.4E-03	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
213	0.02	1.7E-08	8.8E-01	4.4E-03	1.0E-03	4.0E-06	1.6E-01	2.7E-02	1.7E-08
214	0.02	2.3E-08	1.2E+00	4.4E-03	1.0E-03	5.4E-06	1.6E-01	2.7E-02	2.3E-08
215	0.03	3.1E-08	1.6E+00	4.4E-03	1.0E-03	7.2E-06	1.6E-01	2.7E-02	3.1E-08
216	0.04	3.9E-08	2.0E+00	4.4E-03	1.0E-03	9.0E-06	1.6E-01	2.7E-02	3.9E-08
217	0.04	4.4E-08	2.3E+00	4.4E-03	1.0E-03	1.0E-05	1.6E-01	2.7E-02	4.4E-08
218	0.04	4.4E-08	2.2E+00	4.4E-03	1.0E-03	1.0E-05	1.6E-01	2.7E-02	4.4E-08
219	0.04	4.0E-08	2.0E+00	4.4E-03	1.0E-03	9.3E-06	1.6E-01	2.7E-02	4.0E-08
220	0.03	3.4E-08	1.7E+00	4.4E-03	1.0E-03	7.9E-06	1.6E-01	2.7E-02	3.4E-08
221	0.03	2.7E-08	1.4E+00	4.4E-03	1.0E-03	6.3E-06	1.6E-01	2.7E-02	2.7E-08
222	0.02	2.0E-08	1.0E+00	4.4E-03	1.0E-03	4.6E-06	1.6E-01	2.7E-02	2.0E-08
223	0.02	1.6E-08	8.1E-01	4.4E-03	1.0E-03	3.7E-06	1.6E-01	2.7E-02	1.6E-08
224	0.01	1.4E-08	7.1E-01	4.4E-03	1.0E-03	3.2E-06	1.6E-01	2.7E-02	1.4E-08
225	0.01	6.3E-09	3.2E-01	4.4E-03	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.3E-09
226	0.01	7.5E-09	3.8E-01	4.4E-03	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.5E-09
227	0.01	9.1E-09	4.6E-01	4.4E-03	1.0E-03	2.1E-06	1.6E-01	2.7E-02	9.1E-09
228	0.01	1.1E-08	5.7E-01	4.4E-03	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
229	0.01	1.4E-08	7.2E-01	4.4E-03	1.0E-03	3.3E-06	1.6E-01	2.7E-02	1.4E-08
230	0.02	1.8E-08	9.2E-01	4.4E-03	1.0E-03	4.2E-06	1.6E-01	2.7E-02	1.8E-08
231	0.02	2.3E-08	1.1E+00	4.4E-03	1.0E-03	5.2E-06	1.6E-01	2.7E-02	2.3E-08
232	0.03	2.7E-08	1.4E+00	4.4E-03	1.0E-03	6.3E-06	1.6E-01	2.7E-02	2.7E-08
233	0.03	3.0E-08	1.5E+00	4.4E-03	1.0E-03	7.0E-06	1.6E-01	2.7E-02	3.0E-08
234	0.03	3.1E-08	1.6E+00	4.4E-03	1.0E-03	7.2E-06	1.6E-01	2.7E-02	3.1E-08
235	0.03	2.9E-08	1.5E+00	4.4E-03	1.0E-03	6.8E-06	1.6E-01	2.7E-02	2.9E-08
236	0.03	2.6E-08	1.3E+00	4.4E-03	1.0E-03	6.0E-06	1.6E-01	2.7E-02	2.6E-08
237	0.02	2.2E-08	1.1E+00	4.4E-03	1.0E-03	5.1E-06	1.6E-01	2.7E-02	2.2E-08
238	0.02	1.8E-08	9.3E-01	4.4E-03	1.0E-03	4.2E-06	1.6E-01	2.7E-02	1.8E-08
239	0.01	1.4E-08	7.1E-01	4.4E-03	1.0E-03	3.2E-06	1.6E-01	2.7E-02	1.4E-08

240	0.01	1.2E-08	5.9E-01	4.4E-03	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08
241	0.01	5.6E-09	2.9E-01	4.4E-03	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.6E-09
242	0.01	6.6E-09	3.4E-01	4.4E-03	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.6E-09
243	0.01	7.8E-09	4.0E-01	4.4E-03	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.8E-09
244	0.01	9.4E-09	4.8E-01	4.4E-03	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.4E-09
245	0.01	1.2E-08	5.9E-01	4.4E-03	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08
246	0.01	1.4E-08	7.2E-01	4.4E-03	1.0E-03	3.3E-06	1.6E-01	2.7E-02	1.4E-08
247	0.02	1.7E-08	8.7E-01	4.4E-03	1.0E-03	4.0E-06	1.6E-01	2.7E-02	1.7E-08
248	0.02	2.0E-08	1.0E+00	4.4E-03	1.0E-03	4.6E-06	1.6E-01	2.7E-02	2.0E-08
249	0.02	2.2E-08	1.1E+00	4.4E-03	1.0E-03	5.1E-06	1.6E-01	2.7E-02	2.2E-08
250	0.02	2.3E-08	1.1E+00	4.4E-03	1.0E-03	5.2E-06	1.6E-01	2.7E-02	2.3E-08
251	0.02	2.2E-08	1.1E+00	4.4E-03	1.0E-03	5.1E-06	1.6E-01	2.7E-02	2.2E-08
252	0.02	2.0E-08	1.0E+00	4.4E-03	1.0E-03	4.7E-06	1.6E-01	2.7E-02	2.0E-08
253	0.02	1.8E-08	9.2E-01	4.4E-03	1.0E-03	4.2E-06	1.6E-01	2.7E-02	1.8E-08
254	0.02	1.6E-08	7.9E-01	4.4E-03	1.0E-03	3.6E-06	1.6E-01	2.7E-02	1.6E-08
255	0.01	1.3E-08	6.6E-01	4.4E-03	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
256	0.01	1.0E-08	5.3E-01	4.4E-03	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
257	0.01	5.0E-09	2.6E-01	4.4E-03	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.0E-09
258	0.01	5.8E-09	3.0E-01	4.4E-03	1.0E-03	1.4E-06	1.6E-01	2.7E-02	5.8E-09
259	0.01	6.8E-09	3.5E-01	4.4E-03	1.0E-03	1.6E-06	1.6E-01	2.7E-02	6.8E-09
260	0.01	8.1E-09	4.1E-01	4.4E-03	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.1E-09
261	0.01	9.6E-09	4.9E-01	4.4E-03	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.6E-09
262	0.01	1.1E-08	5.8E-01	4.4E-03	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
263	0.01	1.3E-08	6.8E-01	4.4E-03	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
264	0.02	1.5E-08	7.7E-01	4.4E-03	1.0E-03	3.5E-06	1.6E-01	2.7E-02	1.5E-08
265	0.02	1.7E-08	8.4E-01	4.4E-03	1.0E-03	3.8E-06	1.6E-01	2.7E-02	1.7E-08
266	0.02	1.7E-08	8.7E-01	4.4E-03	1.0E-03	4.0E-06	1.6E-01	2.7E-02	1.7E-08
267	0.02	1.7E-08	8.6E-01	4.4E-03	1.0E-03	3.9E-06	1.6E-01	2.7E-02	1.7E-08
268	0.02	1.6E-08	8.2E-01	4.4E-03	1.0E-03	3.7E-06	1.6E-01	2.7E-02	1.6E-08
269	0.01	1.5E-08	7.5E-01	4.4E-03	1.0E-03	3.4E-06	1.6E-01	2.7E-02	1.5E-08
270	0.01	1.3E-08	6.7E-01	4.4E-03	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
271	0.01	1.1E-08	5.8E-01	4.4E-03	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.1E-08
272	0.01	9.3E-09	4.8E-01	4.4E-03	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.3E-09
273	0.03	3.0E-08	1.5E+00	4.4E-03	1.0E-03	7.0E-06	1.6E-01	2.7E-02	3.0E-08
274	0.03	3.2E-08	1.6E+00	4.4E-03	1.0E-03	7.4E-06	1.6E-01	2.7E-02	3.2E-08
275	0.03	3.4E-08	1.7E+00	4.4E-03	1.0E-03	7.9E-06	1.6E-01	2.7E-02	3.4E-08
276	0.04	3.6E-08	1.8E+00	4.4E-03	1.0E-03	8.4E-06	1.6E-01	2.7E-02	3.6E-08
277	0.04	3.9E-08	2.0E+00	4.4E-03	1.0E-03	9.0E-06	1.6E-01	2.7E-02	3.9E-08
278	0.04	4.1E-08	2.1E+00	4.4E-03	1.0E-03	9.5E-06	1.6E-01	2.7E-02	4.1E-08
279	0.04	4.3E-08	2.2E+00	4.4E-03	1.0E-03	1.0E-05	1.6E-01	2.7E-02	4.3E-08
280	0.05	4.6E-08	2.3E+00	4.4E-03	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.6E-08
281	0.05	4.8E-08	2.5E+00	4.4E-03	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.8E-08
282	0.05	5.1E-08	2.6E+00	4.4E-03	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.1E-08
283	0.05	5.4E-08	2.8E+00	4.4E-03	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.4E-08
284	0.06	5.7E-08	2.9E+00	4.4E-03	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.7E-08
285	0.06	6.0E-08	3.0E+00	4.4E-03	1.0E-03	1.4E-05	1.6E-01	2.7E-02	6.0E-08
286	0.06	6.3E-08	3.2E+00	4.4E-03	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.3E-08
287	0.07	6.6E-08	3.4E+00	4.4E-03	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.6E-08
288	0.07	6.9E-08	3.5E+00	4.4E-03	1.0E-03	1.6E-05	1.6E-01	2.7E-02	6.9E-08

289	0.07	7.2E-08	3.7E+00	4.4E-03	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.2E-08
290	0.08	7.6E-08	3.9E+00	4.4E-03	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.6E-08
291	0.08	7.8E-08	4.0E+00	4.4E-03	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.8E-08
292	0.08	8.0E-08	4.1E+00	4.4E-03	1.0E-03	1.9E-05	1.6E-01	2.7E-02	8.0E-08
293	0.08	8.1E-08	4.1E+00	4.4E-03	1.0E-03	1.9E-05	1.6E-01	2.7E-02	8.1E-08
294	0.08	8.1E-08	4.1E+00	4.4E-03	1.0E-03	1.9E-05	1.6E-01	2.7E-02	8.1E-08
295	0.08	8.1E-08	4.1E+00	4.4E-03	1.0E-03	1.9E-05	1.6E-01	2.7E-02	8.1E-08
296	0.08	8.1E-08	4.1E+00	4.4E-03	1.0E-03	1.9E-05	1.6E-01	2.7E-02	8.1E-08
297	0.08	8.0E-08	4.1E+00	4.4E-03	1.0E-03	1.9E-05	1.6E-01	2.7E-02	8.0E-08
298	0.08	7.9E-08	4.0E+00	4.4E-03	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.9E-08
299	0.03	3.3E-08	1.7E+00	4.4E-03	1.0E-03	7.6E-06	1.6E-01	2.7E-02	3.3E-08
300	0.03	3.5E-08	1.8E+00	4.4E-03	1.0E-03	8.0E-06	1.6E-01	2.7E-02	3.5E-08
301	0.04	3.7E-08	1.9E+00	4.4E-03	1.0E-03	8.6E-06	1.6E-01	2.7E-02	3.7E-08
302	0.04	3.9E-08	2.0E+00	4.4E-03	1.0E-03	9.2E-06	1.6E-01	2.7E-02	3.9E-08
303	0.04	4.2E-08	2.2E+00	4.4E-03	1.0E-03	9.9E-06	1.6E-01	2.7E-02	4.2E-08
304	0.05	4.6E-08	2.3E+00	4.4E-03	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.6E-08
305	0.05	4.8E-08	2.5E+00	4.4E-03	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.8E-08
306	0.05	5.1E-08	2.6E+00	4.4E-03	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.1E-08
307	0.05	5.4E-08	2.8E+00	4.4E-03	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.4E-08
308	0.06	5.8E-08	3.0E+00	4.4E-03	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.8E-08
309	0.06	6.2E-08	3.1E+00	4.4E-03	1.0E-03	1.4E-05	1.6E-01	2.7E-02	6.2E-08
310	0.06	6.5E-08	3.3E+00	4.4E-03	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.5E-08
311	0.07	6.8E-08	3.5E+00	4.4E-03	1.0E-03	1.6E-05	1.6E-01	2.7E-02	6.8E-08
312	0.07	7.2E-08	3.7E+00	4.4E-03	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.2E-08
313	0.08	7.7E-08	3.9E+00	4.4E-03	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.7E-08
314	0.08	8.0E-08	4.1E+00	4.4E-03	1.0E-03	1.9E-05	1.6E-01	2.7E-02	8.0E-08
315	0.08	8.4E-08	4.3E+00	4.4E-03	1.0E-03	2.0E-05	1.6E-01	2.7E-02	8.4E-08
316	0.09	8.8E-08	4.5E+00	4.4E-03	1.0E-03	2.0E-05	1.6E-01	2.7E-02	8.8E-08
317	0.09	9.1E-08	4.6E+00	4.4E-03	1.0E-03	2.1E-05	1.6E-01	2.7E-02	9.1E-08
318	0.09	9.2E-08	4.7E+00	4.4E-03	1.0E-03	2.1E-05	1.6E-01	2.7E-02	9.2E-08
319	0.09	9.3E-08	4.7E+00	4.4E-03	1.0E-03	2.2E-05	1.6E-01	2.7E-02	9.3E-08
320	0.09	9.2E-08	4.7E+00	4.4E-03	1.0E-03	2.1E-05	1.6E-01	2.7E-02	9.2E-08
321	0.09	9.2E-08	4.7E+00	4.4E-03	1.0E-03	2.1E-05	1.6E-01	2.7E-02	9.2E-08
322	0.09	9.1E-08	4.6E+00	4.4E-03	1.0E-03	2.1E-05	1.6E-01	2.7E-02	9.1E-08
323	0.09	8.9E-08	4.5E+00	4.4E-03	1.0E-03	2.1E-05	1.6E-01	2.7E-02	8.9E-08
324	0.09	8.7E-08	4.4E+00	4.4E-03	1.0E-03	2.0E-05	1.6E-01	2.7E-02	8.7E-08
325	0.04	3.5E-08	1.8E+00	4.4E-03	1.0E-03	8.2E-06	1.6E-01	2.7E-02	3.5E-08
326	0.04	3.8E-08	1.9E+00	4.4E-03	1.0E-03	8.7E-06	1.6E-01	2.7E-02	3.8E-08
327	0.04	4.0E-08	2.1E+00	4.4E-03	1.0E-03	9.4E-06	1.6E-01	2.7E-02	4.0E-08
328	0.04	4.3E-08	2.2E+00	4.4E-03	1.0E-03	1.0E-05	1.6E-01	2.7E-02	4.3E-08
329	0.05	4.7E-08	2.4E+00	4.4E-03	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.7E-08
330	0.05	5.1E-08	2.6E+00	4.4E-03	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.1E-08
331	0.05	5.4E-08	2.7E+00	4.4E-03	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.4E-08
332	0.06	5.8E-08	2.9E+00	4.4E-03	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.8E-08
333	0.06	6.2E-08	3.1E+00	4.4E-03	1.0E-03	1.4E-05	1.6E-01	2.7E-02	6.2E-08
334	0.07	6.6E-08	3.4E+00	4.4E-03	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.6E-08
335	0.07	7.1E-08	3.6E+00	4.4E-03	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.1E-08
336	0.08	7.5E-08	3.8E+00	4.4E-03	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.5E-08
337	0.08	8.0E-08	4.1E+00	4.4E-03	1.0E-03	1.9E-05	1.6E-01	2.7E-02	8.0E-08

338	0.08	8.4E-08	4.3E+00	4.4E-03	1.0E-03	2.0E-05	1.6E-01	2.7E-02	8.4E-08
339	0.09	9.0E-08	4.6E+00	4.4E-03	1.0E-03	2.1E-05	1.6E-01	2.7E-02	9.0E-08
340	0.09	9.4E-08	4.8E+00	4.4E-03	1.0E-03	2.2E-05	1.6E-01	2.7E-02	9.4E-08
341	0.10	9.9E-08	5.0E+00	4.4E-03	1.0E-03	2.3E-05	1.6E-01	2.7E-02	9.9E-08
342	0.10	1.0E-07	5.2E+00	4.4E-03	1.0E-03	2.4E-05	1.6E-01	2.7E-02	1.0E-07
343	0.11	1.1E-07	5.4E+00	4.4E-03	1.0E-03	2.5E-05	1.6E-01	2.7E-02	1.1E-07
344	0.11	1.1E-07	5.4E+00	4.4E-03	1.0E-03	2.5E-05	1.6E-01	2.7E-02	1.1E-07
345	0.11	1.1E-07	5.4E+00	4.4E-03	1.0E-03	2.5E-05	1.6E-01	2.7E-02	1.1E-07
346	0.11	1.1E-07	5.4E+00	4.4E-03	1.0E-03	2.5E-05	1.6E-01	2.7E-02	1.1E-07
347	0.10	1.0E-07	5.3E+00	4.4E-03	1.0E-03	2.4E-05	1.6E-01	2.7E-02	1.0E-07
348	0.10	1.0E-07	5.2E+00	4.4E-03	1.0E-03	2.4E-05	1.6E-01	2.7E-02	1.0E-07
349	0.10	9.9E-08	5.1E+00	4.4E-03	1.0E-03	2.3E-05	1.6E-01	2.7E-02	9.9E-08
350	0.10	9.7E-08	4.9E+00	4.4E-03	1.0E-03	2.2E-05	1.6E-01	2.7E-02	9.7E-08
351	0.04	3.8E-08	1.9E+00	4.4E-03	1.0E-03	8.9E-06	1.6E-01	2.7E-02	3.8E-08
352	0.04	4.1E-08	2.1E+00	4.4E-03	1.0E-03	9.6E-06	1.6E-01	2.7E-02	4.1E-08
353	0.04	4.4E-08	2.3E+00	4.4E-03	1.0E-03	1.0E-05	1.6E-01	2.7E-02	4.4E-08
354	0.05	4.8E-08	2.5E+00	4.4E-03	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.8E-08
355	0.05	5.2E-08	2.7E+00	4.4E-03	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.2E-08
356	0.06	5.7E-08	2.9E+00	4.4E-03	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.7E-08
357	0.06	6.1E-08	3.1E+00	4.4E-03	1.0E-03	1.4E-05	1.6E-01	2.7E-02	6.1E-08
358	0.07	6.6E-08	3.4E+00	4.4E-03	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.6E-08
359	0.07	7.1E-08	3.6E+00	4.4E-03	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.1E-08
360	0.08	7.7E-08	3.9E+00	4.4E-03	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.7E-08
361	0.08	8.3E-08	4.2E+00	4.4E-03	1.0E-03	1.9E-05	1.6E-01	2.7E-02	8.3E-08
362	0.09	8.8E-08	4.5E+00	4.4E-03	1.0E-03	2.1E-05	1.6E-01	2.7E-02	8.8E-08
363	0.09	9.4E-08	4.8E+00	4.4E-03	1.0E-03	2.2E-05	1.6E-01	2.7E-02	9.4E-08
364	0.10	1.0E-07	5.1E+00	4.4E-03	1.0E-03	2.3E-05	1.6E-01	2.7E-02	1.0E-07
365	0.11	1.1E-07	5.4E+00	4.4E-03	1.0E-03	2.5E-05	1.6E-01	2.7E-02	1.1E-07
366	0.11	1.1E-07	5.7E+00	4.4E-03	1.0E-03	2.6E-05	1.6E-01	2.7E-02	1.1E-07
367	0.12	1.2E-07	6.0E+00	4.4E-03	1.0E-03	2.7E-05	1.6E-01	2.7E-02	1.2E-07
368	0.12	1.2E-07	6.2E+00	4.4E-03	1.0E-03	2.8E-05	1.6E-01	2.7E-02	1.2E-07
369	0.12	1.2E-07	6.3E+00	4.4E-03	1.0E-03	2.9E-05	1.6E-01	2.7E-02	1.2E-07
370	0.12	1.2E-07	6.3E+00	4.4E-03	1.0E-03	2.9E-05	1.6E-01	2.7E-02	1.2E-07
371	0.12	1.2E-07	6.3E+00	4.4E-03	1.0E-03	2.9E-05	1.6E-01	2.7E-02	1.2E-07
372	0.12	1.2E-07	6.2E+00	4.4E-03	1.0E-03	2.8E-05	1.6E-01	2.7E-02	1.2E-07
373	0.12	1.2E-07	6.0E+00	4.4E-03	1.0E-03	2.7E-05	1.6E-01	2.7E-02	1.2E-07
374	0.11	1.1E-07	5.8E+00	4.4E-03	1.0E-03	2.7E-05	1.6E-01	2.7E-02	1.1E-07
375	0.11	1.1E-07	5.6E+00	4.4E-03	1.0E-03	2.6E-05	1.6E-01	2.7E-02	1.1E-07
376	0.11	1.1E-07	5.4E+00	4.4E-03	1.0E-03	2.5E-05	1.6E-01	2.7E-02	1.1E-07
377	0.04	4.1E-08	2.1E+00	4.4E-03	1.0E-03	9.6E-06	1.6E-01	2.7E-02	4.1E-08
378	0.04	4.5E-08	2.3E+00	4.4E-03	1.0E-03	1.0E-05	1.6E-01	2.7E-02	4.5E-08
379	0.05	4.9E-08	2.5E+00	4.4E-03	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.9E-08
380	0.05	5.3E-08	2.7E+00	4.4E-03	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.3E-08
381	0.06	5.8E-08	3.0E+00	4.4E-03	1.0E-03	1.4E-05	1.6E-01	2.7E-02	5.8E-08
382	0.14	1.4E-07	7.3E+00	4.4E-03	1.0E-03	3.3E-05	1.6E-01	2.7E-02	1.4E-07
383	0.15	1.5E-07	7.5E+00	4.4E-03	1.0E-03	3.4E-05	1.6E-01	2.7E-02	1.5E-07
384	0.15	1.5E-07	7.5E+00	4.4E-03	1.0E-03	3.4E-05	1.6E-01	2.7E-02	1.5E-07
385	0.15	1.5E-07	7.4E+00	4.4E-03	1.0E-03	3.4E-05	1.6E-01	2.7E-02	1.5E-07
386	0.14	1.4E-07	7.3E+00	4.4E-03	1.0E-03	3.3E-05	1.6E-01	2.7E-02	1.4E-07

387	0.14	1.4E-07	7.0E+00	4.4E-03	1.0E-03	3.2E-05	1.6E-01	2.7E-02	1.4E-07
388	0.13	1.3E-07	6.8E+00	4.4E-03	1.0E-03	3.1E-05	1.6E-01	2.7E-02	1.3E-07
389	0.13	1.3E-07	6.5E+00	4.4E-03	1.0E-03	3.0E-05	1.6E-01	2.7E-02	1.3E-07
390	0.12	1.2E-07	6.3E+00	4.4E-03	1.0E-03	2.9E-05	1.6E-01	2.7E-02	1.2E-07
391	0.12	1.2E-07	6.0E+00	4.4E-03	1.0E-03	2.7E-05	1.6E-01	2.7E-02	1.2E-07
392	0.04	4.5E-08	2.3E+00	4.4E-03	1.0E-03	1.0E-05	1.6E-01	2.7E-02	4.5E-08
393	0.05	4.9E-08	2.5E+00	4.4E-03	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.9E-08
394	0.05	5.4E-08	2.7E+00	4.4E-03	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.4E-08
395	0.06	5.9E-08	3.0E+00	4.4E-03	1.0E-03	1.4E-05	1.6E-01	2.7E-02	5.9E-08
396	0.07	6.5E-08	3.3E+00	4.4E-03	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.5E-08
397	0.17	1.7E-07	8.9E+00	4.4E-03	1.0E-03	4.1E-05	1.6E-01	2.7E-02	1.7E-07
398	0.18	1.8E-07	9.0E+00	4.4E-03	1.0E-03	4.1E-05	1.6E-01	2.7E-02	1.8E-07
399	0.18	1.8E-07	9.0E+00	4.4E-03	1.0E-03	4.1E-05	1.6E-01	2.7E-02	1.8E-07
400	0.17	1.7E-07	8.7E+00	4.4E-03	1.0E-03	4.0E-05	1.6E-01	2.7E-02	1.7E-07
401	0.17	1.7E-07	8.4E+00	4.4E-03	1.0E-03	3.8E-05	1.6E-01	2.7E-02	1.7E-07
402	0.16	1.6E-07	8.1E+00	4.4E-03	1.0E-03	3.7E-05	1.6E-01	2.7E-02	1.6E-07
403	0.15	1.5E-07	7.7E+00	4.4E-03	1.0E-03	3.5E-05	1.6E-01	2.7E-02	1.5E-07
404	0.14	1.4E-07	7.3E+00	4.4E-03	1.0E-03	3.3E-05	1.6E-01	2.7E-02	1.4E-07
405	0.14	1.4E-07	6.9E+00	4.4E-03	1.0E-03	3.2E-05	1.6E-01	2.7E-02	1.4E-07
406	0.13	1.3E-07	6.6E+00	4.4E-03	1.0E-03	3.0E-05	1.6E-01	2.7E-02	1.3E-07
407	0.05	4.8E-08	2.4E+00	4.4E-03	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.8E-08
408	0.05	5.2E-08	2.7E+00	4.4E-03	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.2E-08
409	0.06	5.8E-08	3.0E+00	4.4E-03	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.8E-08
410	0.06	6.4E-08	3.3E+00	4.4E-03	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.4E-08
411	0.07	7.2E-08	3.7E+00	4.4E-03	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.2E-08
412	0.22	2.2E-07	1.1E+01	4.4E-03	1.0E-03	5.1E-05	1.6E-01	2.7E-02	2.2E-07
413	0.22	2.2E-07	1.1E+01	4.4E-03	1.0E-03	5.0E-05	1.6E-01	2.7E-02	2.2E-07
414	0.21	2.1E-07	1.1E+01	4.4E-03	1.0E-03	4.9E-05	1.6E-01	2.7E-02	2.1E-07
415	0.20	2.0E-07	1.0E+01	4.4E-03	1.0E-03	4.7E-05	1.6E-01	2.7E-02	2.0E-07
416	0.19	1.9E-07	9.7E+00	4.4E-03	1.0E-03	4.4E-05	1.6E-01	2.7E-02	1.9E-07
417	0.18	1.8E-07	9.2E+00	4.4E-03	1.0E-03	4.2E-05	1.6E-01	2.7E-02	1.8E-07
418	0.17	1.7E-07	8.7E+00	4.4E-03	1.0E-03	3.9E-05	1.6E-01	2.7E-02	1.7E-07
419	0.16	1.6E-07	8.1E+00	4.4E-03	1.0E-03	3.7E-05	1.6E-01	2.7E-02	1.6E-07
420	0.15	1.5E-07	7.6E+00	4.4E-03	1.0E-03	3.5E-05	1.6E-01	2.7E-02	1.5E-07
421	0.14	1.4E-07	7.2E+00	4.4E-03	1.0E-03	3.3E-05	1.6E-01	2.7E-02	1.4E-07
422	0.05	5.1E-08	2.6E+00	4.4E-03	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.1E-08
423	0.06	5.7E-08	2.9E+00	4.4E-03	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.7E-08
424	0.06	6.4E-08	3.2E+00	4.4E-03	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.4E-08
425	0.07	7.1E-08	3.6E+00	4.4E-03	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.1E-08
426	0.08	8.1E-08	4.1E+00	4.4E-03	1.0E-03	1.9E-05	1.6E-01	2.7E-02	8.1E-08
427	0.28	2.8E-07	1.4E+01	4.4E-03	1.0E-03	6.5E-05	1.6E-01	2.7E-02	2.8E-07
428	0.27	2.7E-07	1.4E+01	4.4E-03	1.0E-03	6.2E-05	1.6E-01	2.7E-02	2.7E-07
429	0.25	2.5E-07	1.3E+01	4.4E-03	1.0E-03	5.9E-05	1.6E-01	2.7E-02	2.5E-07
430	0.24	2.4E-07	1.2E+01	4.4E-03	1.0E-03	5.5E-05	1.6E-01	2.7E-02	2.4E-07
431	0.22	2.2E-07	1.1E+01	4.4E-03	1.0E-03	5.1E-05	1.6E-01	2.7E-02	2.2E-07
432	0.20	2.0E-07	1.0E+01	4.4E-03	1.0E-03	4.8E-05	1.6E-01	2.7E-02	2.0E-07
433	0.19	1.9E-07	9.7E+00	4.4E-03	1.0E-03	4.4E-05	1.6E-01	2.7E-02	1.9E-07
434	0.18	1.8E-07	9.0E+00	4.4E-03	1.0E-03	4.1E-05	1.6E-01	2.7E-02	1.8E-07
435	0.16	1.6E-07	8.3E+00	4.4E-03	1.0E-03	3.8E-05	1.6E-01	2.7E-02	1.6E-07

436	0.15	1.5E-07	7.8E+00	4.4E-03	1.0E-03	3.5E-05	1.6E-01	2.7E-02	1.5E-07
437	0.06	5.5E-08	2.8E+00	4.4E-03	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.5E-08
438	0.06	6.2E-08	3.1E+00	4.4E-03	1.0E-03	1.4E-05	1.6E-01	2.7E-02	6.2E-08
439	0.07	6.9E-08	3.5E+00	4.4E-03	1.0E-03	1.6E-05	1.6E-01	2.7E-02	6.9E-08
440	0.08	7.8E-08	4.0E+00	4.4E-03	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.8E-08
441	0.09	9.0E-08	4.6E+00	4.4E-03	1.0E-03	2.1E-05	1.6E-01	2.7E-02	9.0E-08
442	0.36	3.6E-07	1.8E+01	4.4E-03	1.0E-03	8.3E-05	1.6E-01	2.7E-02	3.6E-07
443	0.33	3.3E-07	1.7E+01	4.4E-03	1.0E-03	7.7E-05	1.6E-01	2.7E-02	3.3E-07
444	0.30	3.0E-07	1.5E+01	4.4E-03	1.0E-03	7.1E-05	1.6E-01	2.7E-02	3.0E-07
445	0.28	2.8E-07	1.4E+01	4.4E-03	1.0E-03	6.4E-05	1.6E-01	2.7E-02	2.8E-07
446	0.25	2.5E-07	1.3E+01	4.4E-03	1.0E-03	5.9E-05	1.6E-01	2.7E-02	2.5E-07
447	0.23	2.3E-07	1.2E+01	4.4E-03	1.0E-03	5.4E-05	1.6E-01	2.7E-02	2.3E-07
448	0.21	2.1E-07	1.1E+01	4.4E-03	1.0E-03	4.9E-05	1.6E-01	2.7E-02	2.1E-07
449	0.19	1.9E-07	9.9E+00	4.4E-03	1.0E-03	4.5E-05	1.6E-01	2.7E-02	1.9E-07
450	0.18	1.8E-07	9.1E+00	4.4E-03	1.0E-03	4.1E-05	1.6E-01	2.7E-02	1.8E-07
451	0.16	1.6E-07	8.4E+00	4.4E-03	1.0E-03	3.8E-05	1.6E-01	2.7E-02	1.6E-07
452	0.06	5.9E-08	3.0E+00	4.4E-03	1.0E-03	1.4E-05	1.6E-01	2.7E-02	5.9E-08
453	0.07	6.7E-08	3.4E+00	4.4E-03	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.7E-08
454	0.08	7.6E-08	3.9E+00	4.4E-03	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.6E-08
455	0.09	8.7E-08	4.4E+00	4.4E-03	1.0E-03	2.0E-05	1.6E-01	2.7E-02	8.7E-08
456	0.10	1.0E-07	5.2E+00	4.4E-03	1.0E-03	2.4E-05	1.6E-01	2.7E-02	1.0E-07
457	0.46	4.6E-07	2.3E+01	4.4E-03	1.0E-03	1.1E-04	1.6E-01	2.7E-02	4.6E-07
458	0.41	4.1E-07	2.1E+01	4.4E-03	1.0E-03	9.5E-05	1.6E-01	2.7E-02	4.1E-07
459	0.36	3.6E-07	1.8E+01	4.4E-03	1.0E-03	8.3E-05	1.6E-01	2.7E-02	3.6E-07
460	0.32	3.2E-07	1.6E+01	4.4E-03	1.0E-03	7.4E-05	1.6E-01	2.7E-02	3.2E-07
461	0.29	2.9E-07	1.5E+01	4.4E-03	1.0E-03	6.6E-05	1.6E-01	2.7E-02	2.9E-07
462	0.26	2.6E-07	1.3E+01	4.4E-03	1.0E-03	6.0E-05	1.6E-01	2.7E-02	2.6E-07
463	0.23	2.3E-07	1.2E+01	4.4E-03	1.0E-03	5.4E-05	1.6E-01	2.7E-02	2.3E-07
464	0.21	2.1E-07	1.1E+01	4.4E-03	1.0E-03	4.9E-05	1.6E-01	2.7E-02	2.1E-07
465	0.19	1.9E-07	9.8E+00	4.4E-03	1.0E-03	4.5E-05	1.6E-01	2.7E-02	1.9E-07
466	0.18	1.8E-07	9.0E+00	4.4E-03	1.0E-03	4.1E-05	1.6E-01	2.7E-02	1.8E-07
467	0.06	6.3E-08	3.2E+00	4.4E-03	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.3E-08
468	0.07	7.1E-08	3.6E+00	4.4E-03	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.1E-08
469	0.08	8.2E-08	4.2E+00	4.4E-03	1.0E-03	1.9E-05	1.6E-01	2.7E-02	8.2E-08
470	0.10	9.5E-08	4.9E+00	4.4E-03	1.0E-03	2.2E-05	1.6E-01	2.7E-02	9.5E-08
471	0.11	1.1E-07	5.8E+00	4.4E-03	1.0E-03	2.7E-05	1.6E-01	2.7E-02	1.1E-07
472	0.58	5.8E-07	3.0E+01	4.4E-03	1.0E-03	1.3E-04	1.6E-01	2.7E-02	5.8E-07
473	0.49	4.9E-07	2.5E+01	4.4E-03	1.0E-03	1.1E-04	1.6E-01	2.7E-02	4.9E-07
474	0.42	4.2E-07	2.1E+01	4.4E-03	1.0E-03	9.7E-05	1.6E-01	2.7E-02	4.2E-07
475	0.36	3.6E-07	1.8E+01	4.4E-03	1.0E-03	8.4E-05	1.6E-01	2.7E-02	3.6E-07
476	0.32	3.2E-07	1.6E+01	4.4E-03	1.0E-03	7.4E-05	1.6E-01	2.7E-02	3.2E-07
477	0.28	2.8E-07	1.4E+01	4.4E-03	1.0E-03	6.6E-05	1.6E-01	2.7E-02	2.8E-07
478	0.25	2.5E-07	1.3E+01	4.4E-03	1.0E-03	5.9E-05	1.6E-01	2.7E-02	2.5E-07
479	0.23	2.3E-07	1.2E+01	4.4E-03	1.0E-03	5.3E-05	1.6E-01	2.7E-02	2.3E-07
480	0.21	2.1E-07	1.1E+01	4.4E-03	1.0E-03	4.8E-05	1.6E-01	2.7E-02	2.1E-07
481	0.19	1.9E-07	9.6E+00	4.4E-03	1.0E-03	4.4E-05	1.6E-01	2.7E-02	1.9E-07
482	0.07	6.6E-08	3.4E+00	4.4E-03	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.6E-08
483	0.08	7.6E-08	3.9E+00	4.4E-03	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.6E-08
484	0.09	8.8E-08	4.5E+00	4.4E-03	1.0E-03	2.0E-05	1.6E-01	2.7E-02	8.8E-08

485	0.10	1.0E-07	5.3E+00	4.4E-03	1.0E-03	2.4E-05	1.6E-01	2.7E-02	1.0E-07
486	0.13	1.3E-07	6.5E+00	4.4E-03	1.0E-03	3.0E-05	1.6E-01	2.7E-02	1.3E-07
487	0.69	6.9E-07	3.5E+01	4.4E-03	1.0E-03	1.6E-04	1.6E-01	2.7E-02	6.9E-07
488	0.56	5.6E-07	2.9E+01	4.4E-03	1.0E-03	1.3E-04	1.6E-01	2.7E-02	5.6E-07
489	0.47	4.7E-07	2.4E+01	4.4E-03	1.0E-03	1.1E-04	1.6E-01	2.7E-02	4.7E-07
490	0.40	4.0E-07	2.1E+01	4.4E-03	1.0E-03	9.4E-05	1.6E-01	2.7E-02	4.0E-07
491	0.35	3.5E-07	1.8E+01	4.4E-03	1.0E-03	8.2E-05	1.6E-01	2.7E-02	3.5E-07
492	0.31	3.1E-07	1.6E+01	4.4E-03	1.0E-03	7.2E-05	1.6E-01	2.7E-02	3.1E-07
493	0.28	2.8E-07	1.4E+01	4.4E-03	1.0E-03	6.4E-05	1.6E-01	2.7E-02	2.8E-07
494	0.25	2.5E-07	1.3E+01	4.4E-03	1.0E-03	5.7E-05	1.6E-01	2.7E-02	2.5E-07
495	0.22	2.2E-07	1.1E+01	4.4E-03	1.0E-03	5.1E-05	1.6E-01	2.7E-02	2.2E-07
496	0.20	2.0E-07	1.0E+01	4.4E-03	1.0E-03	4.6E-05	1.6E-01	2.7E-02	2.0E-07
497	0.07	6.9E-08	3.5E+00	4.4E-03	1.0E-03	1.6E-05	1.6E-01	2.7E-02	6.9E-08
498	0.08	8.1E-08	4.1E+00	4.4E-03	1.0E-03	1.9E-05	1.6E-01	2.7E-02	8.1E-08
499	0.10	9.5E-08	4.9E+00	4.4E-03	1.0E-03	2.2E-05	1.6E-01	2.7E-02	9.5E-08
500	0.11	1.1E-07	5.9E+00	4.4E-03	1.0E-03	2.7E-05	1.6E-01	2.7E-02	1.1E-07
501	0.14	1.4E-07	7.3E+00	4.4E-03	1.0E-03	3.3E-05	1.6E-01	2.7E-02	1.4E-07
502	0.78	7.8E-07	4.0E+01	4.4E-03	1.0E-03	1.8E-04	1.6E-01	2.7E-02	7.8E-07
503	0.62	6.2E-07	3.2E+01	4.4E-03	1.0E-03	1.5E-04	1.6E-01	2.7E-02	6.2E-07
504	0.52	5.2E-07	2.6E+01	4.4E-03	1.0E-03	1.2E-04	1.6E-01	2.7E-02	5.2E-07
505	0.44	4.4E-07	2.3E+01	4.4E-03	1.0E-03	1.0E-04	1.6E-01	2.7E-02	4.4E-07
506	0.38	3.8E-07	2.0E+01	4.4E-03	1.0E-03	8.9E-05	1.6E-01	2.7E-02	3.8E-07
507	0.34	3.4E-07	1.7E+01	4.4E-03	1.0E-03	7.8E-05	1.6E-01	2.7E-02	3.4E-07
508	0.30	3.0E-07	1.5E+01	4.4E-03	1.0E-03	6.9E-05	1.6E-01	2.7E-02	3.0E-07
509	0.26	2.6E-07	1.3E+01	4.4E-03	1.0E-03	6.1E-05	1.6E-01	2.7E-02	2.6E-07
510	0.23	2.3E-07	1.2E+01	4.4E-03	1.0E-03	5.4E-05	1.6E-01	2.7E-02	2.3E-07
511	0.21	2.1E-07	1.1E+01	4.4E-03	1.0E-03	4.8E-05	1.6E-01	2.7E-02	2.1E-07
512	0.07	7.2E-08	3.7E+00	4.4E-03	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.2E-08
513	0.08	8.4E-08	4.3E+00	4.4E-03	1.0E-03	2.0E-05	1.6E-01	2.7E-02	8.4E-08
514	0.10	1.0E-07	5.1E+00	4.4E-03	1.0E-03	2.3E-05	1.6E-01	2.7E-02	1.0E-07
515	0.12	1.2E-07	6.3E+00	4.4E-03	1.0E-03	2.9E-05	1.6E-01	2.7E-02	1.2E-07
516	0.16	1.6E-07	7.9E+00	4.4E-03	1.0E-03	3.6E-05	1.6E-01	2.7E-02	1.6E-07
517	0.84	8.4E-07	4.3E+01	4.4E-03	1.0E-03	2.0E-04	1.6E-01	2.7E-02	8.4E-07
518	0.68	6.8E-07	3.5E+01	4.4E-03	1.0E-03	1.6E-04	1.6E-01	2.7E-02	6.8E-07
519	0.57	5.7E-07	2.9E+01	4.4E-03	1.0E-03	1.3E-04	1.6E-01	2.7E-02	5.7E-07
520	0.48	4.8E-07	2.5E+01	4.4E-03	1.0E-03	1.1E-04	1.6E-01	2.7E-02	4.8E-07
521	0.41	4.1E-07	2.1E+01	4.4E-03	1.0E-03	9.6E-05	1.6E-01	2.7E-02	4.1E-07
522	0.36	3.6E-07	1.8E+01	4.4E-03	1.0E-03	8.4E-05	1.6E-01	2.7E-02	3.6E-07
523	0.32	3.2E-07	1.6E+01	4.4E-03	1.0E-03	7.3E-05	1.6E-01	2.7E-02	3.2E-07
524	0.28	2.8E-07	1.4E+01	4.4E-03	1.0E-03	6.4E-05	1.6E-01	2.7E-02	2.8E-07
525	0.24	2.4E-07	1.2E+01	4.4E-03	1.0E-03	5.7E-05	1.6E-01	2.7E-02	2.4E-07
526	0.22	2.2E-07	1.1E+01	4.4E-03	1.0E-03	5.0E-05	1.6E-01	2.7E-02	2.2E-07
527	0.07	7.5E-08	3.8E+00	4.4E-03	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.5E-08
528	0.09	8.8E-08	4.5E+00	4.4E-03	1.0E-03	2.0E-05	1.6E-01	2.7E-02	8.8E-08
529	0.11	1.1E-07	5.4E+00	4.4E-03	1.0E-03	2.5E-05	1.6E-01	2.7E-02	1.1E-07
530	0.13	1.3E-07	6.7E+00	4.4E-03	1.0E-03	3.0E-05	1.6E-01	2.7E-02	1.3E-07
531	0.17	1.7E-07	8.5E+00	4.4E-03	1.0E-03	3.9E-05	1.6E-01	2.7E-02	1.7E-07
532	0.91	9.1E-07	4.6E+01	4.4E-03	1.0E-03	2.1E-04	1.6E-01	2.7E-02	9.1E-07
533	0.74	7.4E-07	3.8E+01	4.4E-03	1.0E-03	1.7E-04	1.6E-01	2.7E-02	7.4E-07

534	0.61	6.1E-07	3.1E+01	4.4E-03	1.0E-03	1.4E-04	1.6E-01	2.7E-02	6.1E-07
535	0.51	5.1E-07	2.6E+01	4.4E-03	1.0E-03	1.2E-04	1.6E-01	2.7E-02	5.1E-07
536	0.44	4.4E-07	2.2E+01	4.4E-03	1.0E-03	1.0E-04	1.6E-01	2.7E-02	4.4E-07
537	0.38	3.8E-07	1.9E+01	4.4E-03	1.0E-03	8.8E-05	1.6E-01	2.7E-02	3.8E-07
538	0.33	3.3E-07	1.7E+01	4.4E-03	1.0E-03	7.6E-05	1.6E-01	2.7E-02	3.3E-07
539	0.29	2.9E-07	1.5E+01	4.4E-03	1.0E-03	6.7E-05	1.6E-01	2.7E-02	2.9E-07
540	0.25	2.5E-07	1.3E+01	4.4E-03	1.0E-03	5.8E-05	1.6E-01	2.7E-02	2.5E-07
541	0.22	2.2E-07	1.1E+01	4.4E-03	1.0E-03	5.1E-05	1.6E-01	2.7E-02	2.2E-07
542	0.08	7.6E-08	3.9E+00	4.4E-03	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.6E-08
543	0.09	9.0E-08	4.6E+00	4.4E-03	1.0E-03	2.1E-05	1.6E-01	2.7E-02	9.0E-08
544	0.11	1.1E-07	5.6E+00	4.4E-03	1.0E-03	2.6E-05	1.6E-01	2.7E-02	1.1E-07
545	0.14	1.4E-07	7.0E+00	4.4E-03	1.0E-03	3.2E-05	1.6E-01	2.7E-02	1.4E-07
546	0.18	1.8E-07	9.0E+00	4.4E-03	1.0E-03	4.1E-05	1.6E-01	2.7E-02	1.8E-07
547	1.00	1.0E-06	5.1E+01	4.4E-03	1.0E-03	2.3E-04	1.6E-01	2.7E-02	1.0E-06
548	0.81	8.1E-07	4.1E+01	4.4E-03	1.0E-03	1.9E-04	1.6E-01	2.7E-02	8.1E-07
549	0.66	6.6E-07	3.4E+01	4.4E-03	1.0E-03	1.5E-04	1.6E-01	2.7E-02	6.6E-07
550	0.55	5.5E-07	2.8E+01	4.4E-03	1.0E-03	1.3E-04	1.6E-01	2.7E-02	5.5E-07
551	0.45	4.5E-07	2.3E+01	4.4E-03	1.0E-03	1.0E-04	1.6E-01	2.7E-02	4.5E-07
552	0.38	3.8E-07	1.9E+01	4.4E-03	1.0E-03	8.9E-05	1.6E-01	2.7E-02	3.8E-07
553	0.33	3.3E-07	1.7E+01	4.4E-03	1.0E-03	7.7E-05	1.6E-01	2.7E-02	3.3E-07
554	0.29	2.9E-07	1.5E+01	4.4E-03	1.0E-03	6.7E-05	1.6E-01	2.7E-02	2.9E-07
555	0.25	2.5E-07	1.3E+01	4.4E-03	1.0E-03	5.8E-05	1.6E-01	2.7E-02	2.5E-07
556	0.22	2.2E-07	1.1E+01	4.4E-03	1.0E-03	5.1E-05	1.6E-01	2.7E-02	2.2E-07
557	0.08	7.7E-08	3.9E+00	4.4E-03	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.7E-08
558	0.09	9.2E-08	4.7E+00	4.4E-03	1.0E-03	2.1E-05	1.6E-01	2.7E-02	9.2E-08
559	0.11	1.1E-07	5.7E+00	4.4E-03	1.0E-03	2.6E-05	1.6E-01	2.7E-02	1.1E-07
560	0.14	1.4E-07	7.2E+00	4.4E-03	1.0E-03	3.3E-05	1.6E-01	2.7E-02	1.4E-07
561	0.18	1.8E-07	9.2E+00	4.4E-03	1.0E-03	4.2E-05	1.6E-01	2.7E-02	1.8E-07
562	0.90	9.0E-07	4.6E+01	4.4E-03	1.0E-03	2.1E-04	1.6E-01	2.7E-02	9.0E-07
563	0.73	7.3E-07	3.7E+01	4.4E-03	1.0E-03	1.7E-04	1.6E-01	2.7E-02	7.3E-07
564	0.59	5.9E-07	3.0E+01	4.4E-03	1.0E-03	1.4E-04	1.6E-01	2.7E-02	5.9E-07
565	0.45	4.5E-07	2.3E+01	4.4E-03	1.0E-03	1.0E-04	1.6E-01	2.7E-02	4.5E-07
566	0.37	3.7E-07	1.9E+01	4.4E-03	1.0E-03	8.7E-05	1.6E-01	2.7E-02	3.7E-07
567	0.32	3.2E-07	1.6E+01	4.4E-03	1.0E-03	7.4E-05	1.6E-01	2.7E-02	3.2E-07
568	0.27	2.7E-07	1.4E+01	4.4E-03	1.0E-03	6.4E-05	1.6E-01	2.7E-02	2.7E-07
569	0.24	2.4E-07	1.2E+01	4.4E-03	1.0E-03	5.5E-05	1.6E-01	2.7E-02	2.4E-07
570	0.21	2.1E-07	1.1E+01	4.4E-03	1.0E-03	4.9E-05	1.6E-01	2.7E-02	2.1E-07
571	0.08	7.8E-08	4.0E+00	4.4E-03	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.8E-08
572	0.09	9.3E-08	4.7E+00	4.4E-03	1.0E-03	2.2E-05	1.6E-01	2.7E-02	9.3E-08
573	0.11	1.1E-07	5.7E+00	4.4E-03	1.0E-03	2.6E-05	1.6E-01	2.7E-02	1.1E-07
574	0.14	1.4E-07	7.2E+00	4.4E-03	1.0E-03	3.3E-05	1.6E-01	2.7E-02	1.4E-07
575	0.18	1.8E-07	9.2E+00	4.4E-03	1.0E-03	4.2E-05	1.6E-01	2.7E-02	1.8E-07
576	0.82	8.2E-07	4.2E+01	4.4E-03	1.0E-03	1.9E-04	1.6E-01	2.7E-02	8.2E-07
577	0.65	6.5E-07	3.3E+01	4.4E-03	1.0E-03	1.5E-04	1.6E-01	2.7E-02	6.5E-07
578	0.51	5.1E-07	2.6E+01	4.4E-03	1.0E-03	1.2E-04	1.6E-01	2.7E-02	5.1E-07
579	0.42	4.2E-07	2.1E+01	4.4E-03	1.0E-03	9.7E-05	1.6E-01	2.7E-02	4.2E-07
580	0.35	3.5E-07	1.8E+01	4.4E-03	1.0E-03	8.0E-05	1.6E-01	2.7E-02	3.5E-07
581	0.28	2.8E-07	1.5E+01	4.4E-03	1.0E-03	6.6E-05	1.6E-01	2.7E-02	2.8E-07
582	0.24	2.4E-07	1.2E+01	4.4E-03	1.0E-03	5.6E-05	1.6E-01	2.7E-02	2.4E-07

583	0.20	2.0E-07	1.0E+01	4.4E-03	1.0E-03	4.7E-05	1.6E-01	2.7E-02	2.0E-07
584	0.08	7.7E-08	3.9E+00	4.4E-03	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.7E-08
585	0.09	9.2E-08	4.7E+00	4.4E-03	1.0E-03	2.1E-05	1.6E-01	2.7E-02	9.2E-08
586	0.11	1.1E-07	5.7E+00	4.4E-03	1.0E-03	2.6E-05	1.6E-01	2.7E-02	1.1E-07
587	0.14	1.4E-07	7.1E+00	4.4E-03	1.0E-03	3.2E-05	1.6E-01	2.7E-02	1.4E-07
588	0.18	1.8E-07	9.1E+00	4.4E-03	1.0E-03	4.2E-05	1.6E-01	2.7E-02	1.8E-07
589	0.76	7.6E-07	3.9E+01	4.4E-03	1.0E-03	1.8E-04	1.6E-01	2.7E-02	7.6E-07
590	0.61	6.1E-07	3.1E+01	4.4E-03	1.0E-03	1.4E-04	1.6E-01	2.7E-02	6.1E-07
591	0.48	4.8E-07	2.5E+01	4.4E-03	1.0E-03	1.1E-04	1.6E-01	2.7E-02	4.8E-07
592	0.38	3.8E-07	1.9E+01	4.4E-03	1.0E-03	8.9E-05	1.6E-01	2.7E-02	3.8E-07
593	0.31	3.1E-07	1.6E+01	4.4E-03	1.0E-03	7.2E-05	1.6E-01	2.7E-02	3.1E-07
594	0.25	2.5E-07	1.3E+01	4.4E-03	1.0E-03	5.9E-05	1.6E-01	2.7E-02	2.5E-07
595	0.21	2.1E-07	1.1E+01	4.4E-03	1.0E-03	4.8E-05	1.6E-01	2.7E-02	2.1E-07
596	0.08	7.6E-08	3.9E+00	4.4E-03	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.6E-08
597	0.09	9.1E-08	4.6E+00	4.4E-03	1.0E-03	2.1E-05	1.6E-01	2.7E-02	9.1E-08
598	0.11	1.1E-07	5.6E+00	4.4E-03	1.0E-03	2.5E-05	1.6E-01	2.7E-02	1.1E-07
599	0.14	1.4E-07	6.9E+00	4.4E-03	1.0E-03	3.1E-05	1.6E-01	2.7E-02	1.4E-07
600	0.17	1.7E-07	8.7E+00	4.4E-03	1.0E-03	4.0E-05	1.6E-01	2.7E-02	1.7E-07
601	0.64	6.4E-07	3.3E+01	4.4E-03	1.0E-03	1.5E-04	1.6E-01	2.7E-02	6.4E-07
602	0.50	5.0E-07	2.5E+01	4.4E-03	1.0E-03	1.1E-04	1.6E-01	2.7E-02	5.0E-07
603	0.39	3.9E-07	2.0E+01	4.4E-03	1.0E-03	9.0E-05	1.6E-01	2.7E-02	3.9E-07
604	0.31	3.1E-07	1.6E+01	4.4E-03	1.0E-03	7.2E-05	1.6E-01	2.7E-02	3.1E-07
605	0.26	2.6E-07	1.3E+01	4.4E-03	1.0E-03	5.9E-05	1.6E-01	2.7E-02	2.6E-07
606	0.21	2.1E-07	1.1E+01	4.4E-03	1.0E-03	4.9E-05	1.6E-01	2.7E-02	2.1E-07
607	0.07	7.4E-08	3.8E+00	4.4E-03	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.4E-08
608	0.09	8.8E-08	4.5E+00	4.4E-03	1.0E-03	2.0E-05	1.6E-01	2.7E-02	8.8E-08
609	0.11	1.1E-07	5.4E+00	4.4E-03	1.0E-03	2.5E-05	1.6E-01	2.7E-02	1.1E-07
610	0.13	1.3E-07	6.6E+00	4.4E-03	1.0E-03	3.0E-05	1.6E-01	2.7E-02	1.3E-07
611	0.16	1.6E-07	8.2E+00	4.4E-03	1.0E-03	3.7E-05	1.6E-01	2.7E-02	1.6E-07
612	0.65	6.5E-07	3.3E+01	4.4E-03	1.0E-03	1.5E-04	1.6E-01	2.7E-02	6.5E-07
613	0.49	4.9E-07	2.5E+01	4.4E-03	1.0E-03	1.1E-04	1.6E-01	2.7E-02	4.9E-07
614	0.38	3.8E-07	1.9E+01	4.4E-03	1.0E-03	8.7E-05	1.6E-01	2.7E-02	3.8E-07
615	0.30	3.0E-07	1.5E+01	4.4E-03	1.0E-03	7.0E-05	1.6E-01	2.7E-02	3.0E-07
616	0.25	2.5E-07	1.3E+01	4.4E-03	1.0E-03	5.7E-05	1.6E-01	2.7E-02	2.5E-07
617	0.20	2.0E-07	1.0E+01	4.4E-03	1.0E-03	4.7E-05	1.6E-01	2.7E-02	2.0E-07
618	0.07	7.2E-08	3.7E+00	4.4E-03	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.2E-08
619	0.08	8.4E-08	4.3E+00	4.4E-03	1.0E-03	2.0E-05	1.6E-01	2.7E-02	8.4E-08
620	0.10	1.0E-07	5.1E+00	4.4E-03	1.0E-03	2.3E-05	1.6E-01	2.7E-02	1.0E-07
621	0.12	1.2E-07	6.1E+00	4.4E-03	1.0E-03	2.8E-05	1.6E-01	2.7E-02	1.2E-07
622	0.15	1.5E-07	7.6E+00	4.4E-03	1.0E-03	3.5E-05	1.6E-01	2.7E-02	1.5E-07
623	0.61	6.1E-07	3.1E+01	4.4E-03	1.0E-03	1.4E-04	1.6E-01	2.7E-02	6.1E-07
624	0.45	4.5E-07	2.3E+01	4.4E-03	1.0E-03	1.1E-04	1.6E-01	2.7E-02	4.5E-07
625	0.35	3.5E-07	1.8E+01	4.4E-03	1.0E-03	8.1E-05	1.6E-01	2.7E-02	3.5E-07
626	0.28	2.8E-07	1.4E+01	4.4E-03	1.0E-03	6.5E-05	1.6E-01	2.7E-02	2.8E-07
627	0.23	2.3E-07	1.2E+01	4.4E-03	1.0E-03	5.4E-05	1.6E-01	2.7E-02	2.3E-07
628	0.19	1.9E-07	9.8E+00	4.4E-03	1.0E-03	4.5E-05	1.6E-01	2.7E-02	1.9E-07
629	0.07	6.9E-08	3.5E+00	4.4E-03	1.0E-03	1.6E-05	1.6E-01	2.7E-02	6.9E-08
630	0.08	8.0E-08	4.1E+00	4.4E-03	1.0E-03	1.9E-05	1.6E-01	2.7E-02	8.0E-08
631	0.09	9.4E-08	4.8E+00	4.4E-03	1.0E-03	2.2E-05	1.6E-01	2.7E-02	9.4E-08

632	0.11	1.1E-07	5.7E+00	4.4E-03	1.0E-03	2.6E-05	1.6E-01	2.7E-02	1.1E-07
633	0.14	1.4E-07	6.9E+00	4.4E-03	1.0E-03	3.2E-05	1.6E-01	2.7E-02	1.4E-07
634	0.53	5.3E-07	2.7E+01	4.4E-03	1.0E-03	1.2E-04	1.6E-01	2.7E-02	5.3E-07
635	0.40	4.0E-07	2.0E+01	4.4E-03	1.0E-03	9.3E-05	1.6E-01	2.7E-02	4.0E-07
636	0.32	3.2E-07	1.6E+01	4.4E-03	1.0E-03	7.3E-05	1.6E-01	2.7E-02	3.2E-07
637	0.26	2.6E-07	1.3E+01	4.4E-03	1.0E-03	6.0E-05	1.6E-01	2.7E-02	2.6E-07
638	0.21	2.1E-07	1.1E+01	4.4E-03	1.0E-03	5.0E-05	1.6E-01	2.7E-02	2.1E-07
639	0.18	1.8E-07	9.2E+00	4.4E-03	1.0E-03	4.2E-05	1.6E-01	2.7E-02	1.8E-07
640	0.07	6.5E-08	3.3E+00	4.4E-03	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.5E-08
641	0.08	7.6E-08	3.8E+00	4.4E-03	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.6E-08
642	0.09	8.8E-08	4.5E+00	4.4E-03	1.0E-03	2.1E-05	1.6E-01	2.7E-02	8.8E-08
643	0.10	1.0E-07	5.3E+00	4.4E-03	1.0E-03	2.4E-05	1.6E-01	2.7E-02	1.0E-07
644	0.12	1.2E-07	6.4E+00	4.4E-03	1.0E-03	2.9E-05	1.6E-01	2.7E-02	1.2E-07
645	0.43	4.3E-07	2.2E+01	4.4E-03	1.0E-03	9.9E-05	1.6E-01	2.7E-02	4.3E-07
646	0.34	3.4E-07	1.7E+01	4.4E-03	1.0E-03	7.9E-05	1.6E-01	2.7E-02	3.4E-07
647	0.28	2.8E-07	1.4E+01	4.4E-03	1.0E-03	6.4E-05	1.6E-01	2.7E-02	2.8E-07
648	0.23	2.3E-07	1.2E+01	4.4E-03	1.0E-03	5.4E-05	1.6E-01	2.7E-02	2.3E-07
649	0.19	1.9E-07	9.9E+00	4.4E-03	1.0E-03	4.5E-05	1.6E-01	2.7E-02	1.9E-07
650	0.17	1.7E-07	8.5E+00	4.4E-03	1.0E-03	3.9E-05	1.6E-01	2.7E-02	1.7E-07
651	0.06	6.2E-08	3.2E+00	4.4E-03	1.0E-03	1.4E-05	1.6E-01	2.7E-02	6.2E-08
652	0.07	7.2E-08	3.6E+00	4.4E-03	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.2E-08
653	0.08	8.3E-08	4.2E+00	4.4E-03	1.0E-03	1.9E-05	1.6E-01	2.7E-02	8.3E-08
654	0.10	9.7E-08	4.9E+00	4.4E-03	1.0E-03	2.3E-05	1.6E-01	2.7E-02	9.7E-08
655	0.11	1.1E-07	5.8E+00	4.4E-03	1.0E-03	2.7E-05	1.6E-01	2.7E-02	1.1E-07
656	0.14	1.4E-07	6.9E+00	4.4E-03	1.0E-03	3.1E-05	1.6E-01	2.7E-02	1.4E-07
657	0.16	1.6E-07	8.3E+00	4.4E-03	1.0E-03	3.8E-05	1.6E-01	2.7E-02	1.6E-07
658	0.20	2.0E-07	1.0E+01	4.4E-03	1.0E-03	4.6E-05	1.6E-01	2.7E-02	2.0E-07
659	0.24	2.4E-07	1.2E+01	4.4E-03	1.0E-03	5.6E-05	1.6E-01	2.7E-02	2.4E-07
660	0.30	3.0E-07	1.5E+01	4.4E-03	1.0E-03	7.0E-05	1.6E-01	2.7E-02	3.0E-07
661	0.37	3.7E-07	1.9E+01	4.4E-03	1.0E-03	8.7E-05	1.6E-01	2.7E-02	3.7E-07
662	0.45	4.5E-07	2.3E+01	4.4E-03	1.0E-03	1.1E-04	1.6E-01	2.7E-02	4.5E-07
663	0.52	5.2E-07	2.7E+01	4.4E-03	1.0E-03	1.2E-04	1.6E-01	2.7E-02	5.2E-07
664	0.57	5.7E-07	2.9E+01	4.4E-03	1.0E-03	1.3E-04	1.6E-01	2.7E-02	5.7E-07
665	0.60	6.0E-07	3.0E+01	4.4E-03	1.0E-03	1.4E-04	1.6E-01	2.7E-02	6.0E-07
666	0.60	6.0E-07	3.1E+01	4.4E-03	1.0E-03	1.4E-04	1.6E-01	2.7E-02	6.0E-07
667	0.59	5.9E-07	3.0E+01	4.4E-03	1.0E-03	1.4E-04	1.6E-01	2.7E-02	5.9E-07
668	0.55	5.5E-07	2.8E+01	4.4E-03	1.0E-03	1.3E-04	1.6E-01	2.7E-02	5.5E-07
669	0.49	4.9E-07	2.5E+01	4.4E-03	1.0E-03	1.1E-04	1.6E-01	2.7E-02	4.9E-07
670	0.41	4.1E-07	2.1E+01	4.4E-03	1.0E-03	9.6E-05	1.6E-01	2.7E-02	4.1E-07
671	0.34	3.4E-07	1.7E+01	4.4E-03	1.0E-03	8.0E-05	1.6E-01	2.7E-02	3.4E-07
672	0.29	2.9E-07	1.5E+01	4.4E-03	1.0E-03	6.6E-05	1.6E-01	2.7E-02	2.9E-07
673	0.24	2.4E-07	1.2E+01	4.4E-03	1.0E-03	5.6E-05	1.6E-01	2.7E-02	2.4E-07
674	0.20	2.0E-07	1.0E+01	4.4E-03	1.0E-03	4.7E-05	1.6E-01	2.7E-02	2.0E-07
675	0.18	1.8E-07	8.9E+00	4.4E-03	1.0E-03	4.1E-05	1.6E-01	2.7E-02	1.8E-07
676	0.15	1.5E-07	7.8E+00	4.4E-03	1.0E-03	3.5E-05	1.6E-01	2.7E-02	1.5E-07
677	0.06	5.8E-08	3.0E+00	4.4E-03	1.0E-03	1.4E-05	1.6E-01	2.7E-02	5.8E-08
678	0.07	6.6E-08	3.4E+00	4.4E-03	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.6E-08
679	0.08	7.7E-08	3.9E+00	4.4E-03	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.7E-08
680	0.09	8.8E-08	4.5E+00	4.4E-03	1.0E-03	2.0E-05	1.6E-01	2.7E-02	8.8E-08

681	0.10	1.0E-07	5.3E+00	4.4E-03	1.0E-03	2.4E-05	1.6E-01	2.7E-02	1.0E-07
682	0.12	1.2E-07	6.1E+00	4.4E-03	1.0E-03	2.8E-05	1.6E-01	2.7E-02	1.2E-07
683	0.14	1.4E-07	7.2E+00	4.4E-03	1.0E-03	3.3E-05	1.6E-01	2.7E-02	1.4E-07
684	0.17	1.7E-07	8.6E+00	4.4E-03	1.0E-03	3.9E-05	1.6E-01	2.7E-02	1.7E-07
685	0.20	2.0E-07	1.0E+01	4.4E-03	1.0E-03	4.7E-05	1.6E-01	2.7E-02	2.0E-07
686	0.24	2.4E-07	1.2E+01	4.4E-03	1.0E-03	5.6E-05	1.6E-01	2.7E-02	2.4E-07
687	0.29	2.9E-07	1.5E+01	4.4E-03	1.0E-03	6.7E-05	1.6E-01	2.7E-02	2.9E-07
688	0.34	3.4E-07	1.7E+01	4.4E-03	1.0E-03	7.8E-05	1.6E-01	2.7E-02	3.4E-07
689	0.38	3.8E-07	1.9E+01	4.4E-03	1.0E-03	8.8E-05	1.6E-01	2.7E-02	3.8E-07
690	0.41	4.1E-07	2.1E+01	4.4E-03	1.0E-03	9.5E-05	1.6E-01	2.7E-02	4.1E-07
691	0.43	4.3E-07	2.2E+01	4.4E-03	1.0E-03	9.9E-05	1.6E-01	2.7E-02	4.3E-07
692	0.43	4.3E-07	2.2E+01	4.4E-03	1.0E-03	1.0E-04	1.6E-01	2.7E-02	4.3E-07
693	0.42	4.2E-07	2.2E+01	4.4E-03	1.0E-03	9.8E-05	1.6E-01	2.7E-02	4.2E-07
694	0.40	4.0E-07	2.0E+01	4.4E-03	1.0E-03	9.3E-05	1.6E-01	2.7E-02	4.0E-07
695	0.37	3.7E-07	1.9E+01	4.4E-03	1.0E-03	8.5E-05	1.6E-01	2.7E-02	3.7E-07
696	0.32	3.2E-07	1.6E+01	4.4E-03	1.0E-03	7.5E-05	1.6E-01	2.7E-02	3.2E-07
697	0.28	2.8E-07	1.4E+01	4.4E-03	1.0E-03	6.5E-05	1.6E-01	2.7E-02	2.8E-07
698	0.24	2.4E-07	1.2E+01	4.4E-03	1.0E-03	5.6E-05	1.6E-01	2.7E-02	2.4E-07
699	0.21	2.1E-07	1.1E+01	4.4E-03	1.0E-03	4.8E-05	1.6E-01	2.7E-02	2.1E-07
700	0.18	1.8E-07	9.2E+00	4.4E-03	1.0E-03	4.2E-05	1.6E-01	2.7E-02	1.8E-07
701	0.16	1.6E-07	8.0E+00	4.4E-03	1.0E-03	3.7E-05	1.6E-01	2.7E-02	1.6E-07
702	0.14	1.4E-07	7.1E+00	4.4E-03	1.0E-03	3.2E-05	1.6E-01	2.7E-02	1.4E-07
703	0.05	5.5E-08	2.8E+00	4.4E-03	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.5E-08
704	0.06	6.2E-08	3.2E+00	4.4E-03	1.0E-03	1.4E-05	1.6E-01	2.7E-02	6.2E-08
705	0.07	7.1E-08	3.6E+00	4.4E-03	1.0E-03	1.6E-05	1.6E-01	2.7E-02	7.1E-08
706	0.08	8.1E-08	4.1E+00	4.4E-03	1.0E-03	1.9E-05	1.6E-01	2.7E-02	8.1E-08
707	0.09	9.3E-08	4.7E+00	4.4E-03	1.0E-03	2.2E-05	1.6E-01	2.7E-02	9.3E-08
708	0.11	1.1E-07	5.5E+00	4.4E-03	1.0E-03	2.5E-05	1.6E-01	2.7E-02	1.1E-07
709	0.13	1.3E-07	6.4E+00	4.4E-03	1.0E-03	2.9E-05	1.6E-01	2.7E-02	1.3E-07
710	0.15	1.5E-07	7.5E+00	4.4E-03	1.0E-03	3.4E-05	1.6E-01	2.7E-02	1.5E-07
711	0.17	1.7E-07	8.7E+00	4.4E-03	1.0E-03	4.0E-05	1.6E-01	2.7E-02	1.7E-07
712	0.20	2.0E-07	1.0E+01	4.4E-03	1.0E-03	4.6E-05	1.6E-01	2.7E-02	2.0E-07
713	0.23	2.3E-07	1.2E+01	4.4E-03	1.0E-03	5.3E-05	1.6E-01	2.7E-02	2.3E-07
714	0.26	2.6E-07	1.3E+01	4.4E-03	1.0E-03	6.1E-05	1.6E-01	2.7E-02	2.6E-07
715	0.29	2.9E-07	1.5E+01	4.4E-03	1.0E-03	6.7E-05	1.6E-01	2.7E-02	2.9E-07
716	0.31	3.1E-07	1.6E+01	4.4E-03	1.0E-03	7.2E-05	1.6E-01	2.7E-02	3.1E-07
717	0.32	3.2E-07	1.6E+01	4.4E-03	1.0E-03	7.4E-05	1.6E-01	2.7E-02	3.2E-07
718	0.32	3.2E-07	1.7E+01	4.4E-03	1.0E-03	7.5E-05	1.6E-01	2.7E-02	3.2E-07
719	0.32	3.2E-07	1.6E+01	4.4E-03	1.0E-03	7.4E-05	1.6E-01	2.7E-02	3.2E-07
720	0.31	3.1E-07	1.6E+01	4.4E-03	1.0E-03	7.1E-05	1.6E-01	2.7E-02	3.1E-07
721	0.29	2.9E-07	1.5E+01	4.4E-03	1.0E-03	6.6E-05	1.6E-01	2.7E-02	2.9E-07
722	0.26	2.6E-07	1.3E+01	4.4E-03	1.0E-03	6.0E-05	1.6E-01	2.7E-02	2.6E-07
723	0.23	2.3E-07	1.2E+01	4.4E-03	1.0E-03	5.4E-05	1.6E-01	2.7E-02	2.3E-07
724	0.21	2.1E-07	1.0E+01	4.4E-03	1.0E-03	4.8E-05	1.6E-01	2.7E-02	2.1E-07
725	0.18	1.8E-07	9.2E+00	4.4E-03	1.0E-03	4.2E-05	1.6E-01	2.7E-02	1.8E-07
726	0.16	1.6E-07	8.2E+00	4.4E-03	1.0E-03	3.7E-05	1.6E-01	2.7E-02	1.6E-07
727	0.14	1.4E-07	7.2E+00	4.4E-03	1.0E-03	3.3E-05	1.6E-01	2.7E-02	1.4E-07
728	0.13	1.3E-07	6.4E+00	4.4E-03	1.0E-03	2.9E-05	1.6E-01	2.7E-02	1.3E-07
729	0.05	5.2E-08	2.6E+00	4.4E-03	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.2E-08

730	0.06	5.8E-08	3.0E+00	4.4E-03	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.8E-08
731	0.07	6.5E-08	3.3E+00	4.4E-03	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.5E-08
732	0.07	7.4E-08	3.8E+00	4.4E-03	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.4E-08
733	0.08	8.4E-08	4.3E+00	4.4E-03	1.0E-03	2.0E-05	1.6E-01	2.7E-02	8.4E-08
734	0.10	9.7E-08	4.9E+00	4.4E-03	1.0E-03	2.2E-05	1.6E-01	2.7E-02	9.7E-08
735	0.11	1.1E-07	5.6E+00	4.4E-03	1.0E-03	2.6E-05	1.6E-01	2.7E-02	1.1E-07
736	0.13	1.3E-07	6.5E+00	4.4E-03	1.0E-03	3.0E-05	1.6E-01	2.7E-02	1.3E-07
737	0.15	1.5E-07	7.4E+00	4.4E-03	1.0E-03	3.4E-05	1.6E-01	2.7E-02	1.5E-07
738	0.17	1.7E-07	8.5E+00	4.4E-03	1.0E-03	3.9E-05	1.6E-01	2.7E-02	1.7E-07
739	0.19	1.9E-07	9.5E+00	4.4E-03	1.0E-03	4.3E-05	1.6E-01	2.7E-02	1.9E-07
740	0.21	2.1E-07	1.1E+01	4.4E-03	1.0E-03	4.9E-05	1.6E-01	2.7E-02	2.1E-07
741	0.23	2.3E-07	1.2E+01	4.4E-03	1.0E-03	5.3E-05	1.6E-01	2.7E-02	2.3E-07
742	0.24	2.4E-07	1.2E+01	4.4E-03	1.0E-03	5.6E-05	1.6E-01	2.7E-02	2.4E-07
743	0.25	2.5E-07	1.3E+01	4.4E-03	1.0E-03	5.8E-05	1.6E-01	2.7E-02	2.5E-07
744	0.25	2.5E-07	1.3E+01	4.4E-03	1.0E-03	5.9E-05	1.6E-01	2.7E-02	2.5E-07
745	0.25	2.5E-07	1.3E+01	4.4E-03	1.0E-03	5.9E-05	1.6E-01	2.7E-02	2.5E-07
746	0.25	2.5E-07	1.2E+01	4.4E-03	1.0E-03	5.7E-05	1.6E-01	2.7E-02	2.5E-07
747	0.23	2.3E-07	1.2E+01	4.4E-03	1.0E-03	5.4E-05	1.6E-01	2.7E-02	2.3E-07
748	0.21	2.1E-07	1.1E+01	4.4E-03	1.0E-03	5.0E-05	1.6E-01	2.7E-02	2.1E-07
749	0.19	1.9E-07	9.9E+00	4.4E-03	1.0E-03	4.5E-05	1.6E-01	2.7E-02	1.9E-07
750	0.18	1.8E-07	9.0E+00	4.4E-03	1.0E-03	4.1E-05	1.6E-01	2.7E-02	1.8E-07
751	0.16	1.6E-07	8.1E+00	4.4E-03	1.0E-03	3.7E-05	1.6E-01	2.7E-02	1.6E-07
752	0.14	1.4E-07	7.2E+00	4.4E-03	1.0E-03	3.3E-05	1.6E-01	2.7E-02	1.4E-07
753	0.13	1.3E-07	6.5E+00	4.4E-03	1.0E-03	3.0E-05	1.6E-01	2.7E-02	1.3E-07
754	0.11	1.1E-07	5.8E+00	4.4E-03	1.0E-03	2.7E-05	1.6E-01	2.7E-02	1.1E-07
755	0.05	4.8E-08	2.5E+00	4.4E-03	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.8E-08
756	0.05	5.4E-08	2.7E+00	4.4E-03	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.4E-08
757	0.06	6.0E-08	3.1E+00	4.4E-03	1.0E-03	1.4E-05	1.6E-01	2.7E-02	6.0E-08
758	0.07	6.8E-08	3.5E+00	4.4E-03	1.0E-03	1.6E-05	1.6E-01	2.7E-02	6.8E-08
759	0.08	7.7E-08	3.9E+00	4.4E-03	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.7E-08
760	0.09	8.7E-08	4.4E+00	4.4E-03	1.0E-03	2.0E-05	1.6E-01	2.7E-02	8.7E-08
761	0.10	9.8E-08	5.0E+00	4.4E-03	1.0E-03	2.3E-05	1.6E-01	2.7E-02	9.8E-08
762	0.11	1.1E-07	5.7E+00	4.4E-03	1.0E-03	2.6E-05	1.6E-01	2.7E-02	1.1E-07
763	0.13	1.3E-07	6.4E+00	4.4E-03	1.0E-03	2.9E-05	1.6E-01	2.7E-02	1.3E-07
764	0.14	1.4E-07	7.2E+00	4.4E-03	1.0E-03	3.3E-05	1.6E-01	2.7E-02	1.4E-07
765	0.16	1.6E-07	7.9E+00	4.4E-03	1.0E-03	3.6E-05	1.6E-01	2.7E-02	1.6E-07
766	0.17	1.7E-07	8.7E+00	4.4E-03	1.0E-03	4.0E-05	1.6E-01	2.7E-02	1.7E-07
767	0.18	1.8E-07	9.4E+00	4.4E-03	1.0E-03	4.3E-05	1.6E-01	2.7E-02	1.8E-07
768	0.20	2.0E-07	9.9E+00	4.4E-03	1.0E-03	4.5E-05	1.6E-01	2.7E-02	2.0E-07
769	0.20	2.0E-07	1.0E+01	4.4E-03	1.0E-03	4.7E-05	1.6E-01	2.7E-02	2.0E-07
770	0.21	2.1E-07	1.1E+01	4.4E-03	1.0E-03	4.8E-05	1.6E-01	2.7E-02	2.1E-07
771	0.21	2.1E-07	1.1E+01	4.4E-03	1.0E-03	4.8E-05	1.6E-01	2.7E-02	2.1E-07
772	0.20	2.0E-07	1.0E+01	4.4E-03	1.0E-03	4.7E-05	1.6E-01	2.7E-02	2.0E-07
773	0.19	1.9E-07	9.8E+00	4.4E-03	1.0E-03	4.5E-05	1.6E-01	2.7E-02	1.9E-07
774	0.18	1.8E-07	9.2E+00	4.4E-03	1.0E-03	4.2E-05	1.6E-01	2.7E-02	1.8E-07
775	0.17	1.7E-07	8.5E+00	4.4E-03	1.0E-03	3.9E-05	1.6E-01	2.7E-02	1.7E-07
776	0.15	1.5E-07	7.8E+00	4.4E-03	1.0E-03	3.6E-05	1.6E-01	2.7E-02	1.5E-07
777	0.14	1.4E-07	7.1E+00	4.4E-03	1.0E-03	3.2E-05	1.6E-01	2.7E-02	1.4E-07
778	0.13	1.3E-07	6.5E+00	4.4E-03	1.0E-03	3.0E-05	1.6E-01	2.7E-02	1.3E-07

779	0.12	1.2E-07	5.9E+00	4.4E-03	1.0E-03	2.7E-05	1.6E-01	2.7E-02	1.2E-07
780	0.10	1.0E-07	5.3E+00	4.4E-03	1.0E-03	2.4E-05	1.6E-01	2.7E-02	1.0E-07
781	0.05	4.5E-08	2.3E+00	4.4E-03	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.5E-08
782	0.05	5.0E-08	2.6E+00	4.4E-03	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.0E-08
783	0.06	5.6E-08	2.8E+00	4.4E-03	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.6E-08
784	0.06	6.2E-08	3.2E+00	4.4E-03	1.0E-03	1.4E-05	1.6E-01	2.7E-02	6.2E-08
785	0.07	7.0E-08	3.6E+00	4.4E-03	1.0E-03	1.6E-05	1.6E-01	2.7E-02	7.0E-08
786	0.08	7.8E-08	4.0E+00	4.4E-03	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.8E-08
787	0.09	8.7E-08	4.5E+00	4.4E-03	1.0E-03	2.0E-05	1.6E-01	2.7E-02	8.7E-08
788	0.10	9.8E-08	5.0E+00	4.4E-03	1.0E-03	2.3E-05	1.6E-01	2.7E-02	9.8E-08
789	0.11	1.1E-07	5.5E+00	4.4E-03	1.0E-03	2.5E-05	1.6E-01	2.7E-02	1.1E-07
790	0.12	1.2E-07	6.1E+00	4.4E-03	1.0E-03	2.8E-05	1.6E-01	2.7E-02	1.2E-07
791	0.13	1.3E-07	6.7E+00	4.4E-03	1.0E-03	3.1E-05	1.6E-01	2.7E-02	1.3E-07
792	0.14	1.4E-07	7.3E+00	4.4E-03	1.0E-03	3.3E-05	1.6E-01	2.7E-02	1.4E-07
793	0.15	1.5E-07	7.8E+00	4.4E-03	1.0E-03	3.6E-05	1.6E-01	2.7E-02	1.5E-07
794	0.16	1.6E-07	8.2E+00	4.4E-03	1.0E-03	3.7E-05	1.6E-01	2.7E-02	1.6E-07
795	0.17	1.7E-07	8.5E+00	4.4E-03	1.0E-03	3.9E-05	1.6E-01	2.7E-02	1.7E-07
796	0.17	1.7E-07	8.7E+00	4.4E-03	1.0E-03	4.0E-05	1.6E-01	2.7E-02	1.7E-07
797	0.17	1.7E-07	8.8E+00	4.4E-03	1.0E-03	4.0E-05	1.6E-01	2.7E-02	1.7E-07
798	0.17	1.7E-07	8.6E+00	4.4E-03	1.0E-03	3.9E-05	1.6E-01	2.7E-02	1.7E-07
799	0.16	1.6E-07	8.3E+00	4.4E-03	1.0E-03	3.8E-05	1.6E-01	2.7E-02	1.6E-07
800	0.15	1.5E-07	7.8E+00	4.4E-03	1.0E-03	3.6E-05	1.6E-01	2.7E-02	1.5E-07
801	0.14	1.4E-07	7.3E+00	4.4E-03	1.0E-03	3.3E-05	1.6E-01	2.7E-02	1.4E-07
802	0.13	1.3E-07	6.8E+00	4.4E-03	1.0E-03	3.1E-05	1.6E-01	2.7E-02	1.3E-07
803	0.12	1.2E-07	6.3E+00	4.4E-03	1.0E-03	2.9E-05	1.6E-01	2.7E-02	1.2E-07
804	0.11	1.1E-07	5.8E+00	4.4E-03	1.0E-03	2.7E-05	1.6E-01	2.7E-02	1.1E-07
805	0.10	1.0E-07	5.3E+00	4.4E-03	1.0E-03	2.4E-05	1.6E-01	2.7E-02	1.0E-07
806	0.10	9.6E-08	4.9E+00	4.4E-03	1.0E-03	2.2E-05	1.6E-01	2.7E-02	9.6E-08
807	0.80	8.0E-07	4.1E+01	4.4E-03	1.0E-03	1.8E-04	1.6E-01	2.7E-02	8.0E-07
808	0.92	9.2E-07	4.7E+01	4.4E-03	1.0E-03	2.1E-04	1.6E-01	2.7E-02	9.2E-07
809	0.67	6.7E-07	3.4E+01	4.4E-03	1.0E-03	1.6E-04	1.6E-01	2.7E-02	6.7E-07
810	0.89	8.9E-07	4.6E+01	4.4E-03	1.0E-03	2.1E-04	1.6E-01	2.7E-02	8.9E-07
811	0.83	8.3E-07	4.2E+01	4.4E-03	1.0E-03	1.9E-04	1.6E-01	2.7E-02	8.3E-07
812	1.09	1.1E-06	5.6E+01	4.4E-03	1.0E-03	2.5E-04	1.6E-01	2.7E-02	1.1E-06
813	0.87	8.7E-07	4.4E+01	4.4E-03	1.0E-03	2.0E-04	1.6E-01	2.7E-02	8.7E-07
814	1.07	1.1E-06	5.4E+01	4.4E-03	1.0E-03	2.5E-04	1.6E-01	2.7E-02	1.1E-06
815	0.85	8.5E-07	4.3E+01	4.4E-03	1.0E-03	2.0E-04	1.6E-01	2.7E-02	8.5E-07
816	1.06	1.1E-06	5.4E+01	4.4E-03	1.0E-03	2.5E-04	1.6E-01	2.7E-02	1.1E-06
817	0.76	7.6E-07	3.9E+01	4.4E-03	1.0E-03	1.8E-04	1.6E-01	2.7E-02	7.6E-07
818	1.06	1.1E-06	5.4E+01	4.4E-03	1.0E-03	2.5E-04	1.6E-01	2.7E-02	1.1E-06
819	0.73	7.3E-07	3.7E+01	4.4E-03	1.0E-03	1.7E-04	1.6E-01	2.7E-02	7.3E-07
820	0.96	9.6E-07	4.9E+01	4.4E-03	1.0E-03	2.2E-04	1.6E-01	2.7E-02	9.6E-07
821	0.21	2.1E-07	1.1E+01	4.4E-03	1.0E-03	5.0E-05	1.6E-01	2.7E-02	2.1E-07
822	0.27	2.7E-07	1.4E+01	4.4E-03	1.0E-03	6.3E-05	1.6E-01	2.7E-02	2.7E-07
823	0.35	3.5E-07	1.8E+01	4.4E-03	1.0E-03	8.1E-05	1.6E-01	2.7E-02	3.5E-07
824	0.26	2.6E-07	1.3E+01	4.4E-03	1.0E-03	5.9E-05	1.6E-01	2.7E-02	2.6E-07
825	0.34	3.4E-07	1.7E+01	4.4E-03	1.0E-03	7.9E-05	1.6E-01	2.7E-02	3.4E-07
826	0.47	4.7E-07	2.4E+01	4.4E-03	1.0E-03	1.1E-04	1.6E-01	2.7E-02	4.7E-07
827	0.31	3.1E-07	1.6E+01	4.4E-03	1.0E-03	7.1E-05	1.6E-01	2.7E-02	3.1E-07

828	0.44	4.4E-07	2.3E+01	4.4E-03	1.0E-03	1.0E-04	1.6E-01	2.7E-02	4.4E-07
829	0.52	5.2E-07	2.7E+01	4.4E-03	1.0E-03	1.2E-04	1.6E-01	2.7E-02	5.2E-07
830	0.35	3.5E-07	1.8E+01	4.4E-03	1.0E-03	8.2E-05	1.6E-01	2.7E-02	3.5E-07
831	0.54	5.4E-07	2.7E+01	4.4E-03	1.0E-03	1.3E-04	1.6E-01	2.7E-02	5.4E-07
832	0.55	5.5E-07	2.8E+01	4.4E-03	1.0E-03	1.3E-04	1.6E-01	2.7E-02	5.5E-07
833	0.38	3.8E-07	2.0E+01	4.4E-03	1.0E-03	8.9E-05	1.6E-01	2.7E-02	3.8E-07
834	0.58	5.8E-07	3.0E+01	4.4E-03	1.0E-03	1.4E-04	1.6E-01	2.7E-02	5.8E-07
835	0.53	5.3E-07	2.7E+01	4.4E-03	1.0E-03	1.2E-04	1.6E-01	2.7E-02	5.3E-07
836	0.40	4.0E-07	2.0E+01	4.4E-03	1.0E-03	9.2E-05	1.6E-01	2.7E-02	4.0E-07
837	0.59	5.9E-07	3.0E+01	4.4E-03	1.0E-03	1.4E-04	1.6E-01	2.7E-02	5.9E-07
838	0.65	6.5E-07	3.3E+01	4.4E-03	1.0E-03	1.5E-04	1.6E-01	2.7E-02	6.5E-07
839	0.41	4.1E-07	2.1E+01	4.4E-03	1.0E-03	9.4E-05	1.6E-01	2.7E-02	4.1E-07
840	0.60	6.0E-07	3.1E+01	4.4E-03	1.0E-03	1.4E-04	1.6E-01	2.7E-02	6.0E-07
841	0.69	6.9E-07	3.5E+01	4.4E-03	1.0E-03	1.6E-04	1.6E-01	2.7E-02	6.9E-07
842	0.41	4.1E-07	2.1E+01	4.4E-03	1.0E-03	9.4E-05	1.6E-01	2.7E-02	4.1E-07
843	0.52	5.2E-07	2.7E+01	4.4E-03	1.0E-03	1.2E-04	1.6E-01	2.7E-02	5.2E-07
844	0.67	6.7E-07	3.4E+01	4.4E-03	1.0E-03	1.6E-04	1.6E-01	2.7E-02	6.7E-07
845	0.38	3.8E-07	2.0E+01	4.4E-03	1.0E-03	8.9E-05	1.6E-01	2.7E-02	3.8E-07
846	0.60	6.0E-07	3.1E+01	4.4E-03	1.0E-03	1.4E-04	1.6E-01	2.7E-02	6.0E-07
847	0.62	6.2E-07	3.2E+01	4.4E-03	1.0E-03	1.4E-04	1.6E-01	2.7E-02	6.2E-07
848	0.35	3.5E-07	1.8E+01	4.4E-03	1.0E-03	8.0E-05	1.6E-01	2.7E-02	3.5E-07
849	0.51	5.1E-07	2.6E+01	4.4E-03	1.0E-03	1.2E-04	1.6E-01	2.7E-02	5.1E-07
850	0.61	6.1E-07	3.1E+01	4.4E-03	1.0E-03	1.4E-04	1.6E-01	2.7E-02	6.1E-07
851	0.36	3.6E-07	1.9E+01	4.4E-03	1.0E-03	8.4E-05	1.6E-01	2.7E-02	3.6E-07
852	0.53	5.3E-07	2.7E+01	4.4E-03	1.0E-03	1.2E-04	1.6E-01	2.7E-02	5.3E-07
853	0.62	6.2E-07	3.1E+01	4.4E-03	1.0E-03	1.4E-04	1.6E-01	2.7E-02	6.2E-07
854	0.84	8.4E-07	4.3E+01	4.4E-03	1.0E-03	1.9E-04	1.6E-01	2.7E-02	8.4E-07
855	0.78	7.8E-07	4.0E+01	4.4E-03	1.0E-03	1.8E-04	1.6E-01	2.7E-02	7.8E-07
856	0.31	3.1E-07	1.6E+01	4.4E-03	1.0E-03	7.2E-05	1.6E-01	2.7E-02	3.1E-07
857	0.42	4.2E-07	2.1E+01	4.4E-03	1.0E-03	9.7E-05	1.6E-01	2.7E-02	4.2E-07
858	0.57	5.7E-07	2.9E+01	4.4E-03	1.0E-03	1.3E-04	1.6E-01	2.7E-02	5.7E-07
859	0.79	7.9E-07	4.0E+01	4.4E-03	1.0E-03	1.8E-04	1.6E-01	2.7E-02	7.9E-07
860	0.72	7.2E-07	3.7E+01	4.4E-03	1.0E-03	1.7E-04	1.6E-01	2.7E-02	7.2E-07
861	0.27	2.7E-07	1.4E+01	4.4E-03	1.0E-03	6.2E-05	1.6E-01	2.7E-02	2.7E-07
862	0.35	3.5E-07	1.8E+01	4.4E-03	1.0E-03	8.1E-05	1.6E-01	2.7E-02	3.5E-07
863	0.46	4.6E-07	2.4E+01	4.4E-03	1.0E-03	1.1E-04	1.6E-01	2.7E-02	4.6E-07
864	0.64	6.4E-07	3.3E+01	4.4E-03	1.0E-03	1.5E-04	1.6E-01	2.7E-02	6.4E-07
865	0.64	6.4E-07	3.2E+01	4.4E-03	1.0E-03	1.5E-04	1.6E-01	2.7E-02	6.4E-07
866	0.35	3.5E-07	1.8E+01	4.4E-03	1.0E-03	8.2E-05	1.6E-01	2.7E-02	3.5E-07
867	0.47	4.7E-07	2.4E+01	4.4E-03	1.0E-03	1.1E-04	1.6E-01	2.7E-02	4.7E-07
868	0.64	6.4E-07	3.3E+01	4.4E-03	1.0E-03	1.5E-04	1.6E-01	2.7E-02	6.4E-07
869	0.72	7.2E-07	3.7E+01	4.4E-03	1.0E-03	1.7E-04	1.6E-01	2.7E-02	7.2E-07
870	0.53	5.3E-07	2.7E+01	4.4E-03	1.0E-03	1.2E-04	1.6E-01	2.7E-02	5.3E-07
871	0.55	5.5E-07	2.8E+01	4.4E-03	1.0E-03	1.3E-04	1.6E-01	2.7E-02	5.5E-07
872	0.76	7.6E-07	3.9E+01	4.4E-03	1.0E-03	1.8E-04	1.6E-01	2.7E-02	7.6E-07
873	0.00	0.0E+00		4.4E-03	1.0E-03	0.0E+00	1.6E-01	2.7E-02	0.0E+00

Risk From New Building Demo (Port. 2) - Unmitigated Residential

Franklin School Project

Risk From New Building Demo (Port. 2) - Unmitigated Residential

	0.43	Max								
									Onsite	
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**
1	0.00	1.5E-09	2.0E-01	8.6E-03	1.0E-03	1.8E-06	1.6E-01	5.5E-03	1.5E-09	3.2E-01
2	0.00	1.7E-09	2.2E-01	8.6E-03	1.0E-03	2.0E-06	1.6E-01	5.5E-03	1.7E-09	3.6E-01
3	0.00	1.8E-09	2.4E-01	8.6E-03	1.0E-03	2.1E-06	1.6E-01	5.5E-03	1.8E-09	4.1E-01
4	0.00	2.0E-09	2.6E-01	8.6E-03	1.0E-03	2.4E-06	1.6E-01	5.5E-03	2.0E-09	4.6E-01
5	0.00	2.2E-09	2.9E-01	8.6E-03	1.0E-03	2.6E-06	1.6E-01	5.5E-03	2.2E-09	5.1E-01
6	0.00	2.4E-09	3.1E-01	8.6E-03	1.0E-03	2.8E-06	1.6E-01	5.5E-03	2.4E-09	5.5E-01
7	0.00	2.6E-09	3.3E-01	8.6E-03	1.0E-03	3.0E-06	1.6E-01	5.5E-03	2.6E-09	6.0E-01
8	0.00	2.7E-09	3.5E-01	8.6E-03	1.0E-03	3.1E-06	1.6E-01	5.5E-03	2.7E-09	6.4E-01
9	0.00	2.9E-09	3.7E-01	8.6E-03	1.0E-03	3.3E-06	1.6E-01	5.5E-03	2.9E-09	6.9E-01
10	0.00	3.0E-09	3.9E-01	8.6E-03	1.0E-03	3.5E-06	1.6E-01	5.5E-03	3.0E-09	7.5E-01
11	0.00	3.3E-09	4.2E-01	8.6E-03	1.0E-03	3.8E-06	1.6E-01	5.5E-03	3.3E-09	8.0E-01
12	0.00	3.5E-09	4.5E-01	8.6E-03	1.0E-03	4.1E-06	1.6E-01	5.5E-03	3.5E-09	8.4E-01
13	0.00	3.7E-09	4.8E-01	8.6E-03	1.0E-03	4.3E-06	1.6E-01	5.5E-03	3.7E-09	8.5E-01
14	0.00	3.9E-09	5.0E-01	8.6E-03	1.0E-03	4.5E-06	1.6E-01	5.5E-03	3.9E-09	8.3E-01
15	0.00	4.0E-09	5.2E-01	8.6E-03	1.0E-03	4.7E-06	1.6E-01	5.5E-03	4.0E-09	7.9E-01
16	0.00	4.1E-09	5.3E-01	8.6E-03	1.0E-03	4.7E-06	1.6E-01	5.5E-03	4.1E-09	7.4E-01
17	0.00	1.7E-09	2.2E-01	8.6E-03	1.0E-03	2.0E-06	1.6E-01	5.5E-03	1.7E-09	3.8E-01
18	0.00	1.9E-09	2.5E-01	8.6E-03	1.0E-03	2.2E-06	1.6E-01	5.5E-03	1.9E-09	4.4E-01
19	0.00	2.1E-09	2.8E-01	8.6E-03	1.0E-03	2.5E-06	1.6E-01	5.5E-03	2.1E-09	5.1E-01
20	0.00	2.4E-09	3.1E-01	8.6E-03	1.0E-03	2.8E-06	1.6E-01	5.5E-03	2.4E-09	5.8E-01
21	0.00	2.6E-09	3.4E-01	8.6E-03	1.0E-03	3.0E-06	1.6E-01	5.5E-03	2.6E-09	6.6E-01
22	0.00	2.9E-09	3.7E-01	8.6E-03	1.0E-03	3.3E-06	1.6E-01	5.5E-03	2.9E-09	7.3E-01
23	0.00	3.1E-09	4.0E-01	8.6E-03	1.0E-03	3.6E-06	1.6E-01	5.5E-03	3.1E-09	8.0E-01
24	0.00	3.3E-09	4.3E-01	8.6E-03	1.0E-03	3.9E-06	1.6E-01	5.5E-03	3.3E-09	8.7E-01
25	0.00	3.6E-09	4.6E-01	8.6E-03	1.0E-03	4.2E-06	1.6E-01	5.5E-03	3.6E-09	9.6E-01
26	0.00	3.8E-09	4.9E-01	8.6E-03	1.0E-03	4.4E-06	1.6E-01	5.5E-03	3.8E-09	1.1E+00
27	0.00	4.2E-09	5.4E-01	8.6E-03	1.0E-03	4.9E-06	1.6E-01	5.5E-03	4.2E-09	1.1E+00
28	0.00	4.5E-09	5.9E-01	8.6E-03	1.0E-03	5.3E-06	1.6E-01	5.5E-03	4.5E-09	1.1E+00
29	0.00	4.8E-09	6.2E-01	8.6E-03	1.0E-03	5.6E-06	1.6E-01	5.5E-03	4.8E-09	1.1E+00
30	0.01	5.0E-09	6.5E-01	8.6E-03	1.0E-03	5.8E-06	1.6E-01	5.5E-03	5.0E-09	1.0E+00
31	0.01	5.1E-09	6.6E-01	8.6E-03	1.0E-03	5.9E-06	1.6E-01	5.5E-03	5.1E-09	9.6E-01
32	0.01	5.1E-09	6.5E-01	8.6E-03	1.0E-03	5.9E-06	1.6E-01	5.5E-03	5.1E-09	8.7E-01
33	0.00	1.9E-09	2.5E-01	8.6E-03	1.0E-03	2.2E-06	1.6E-01	5.5E-03	1.9E-09	4.4E-01
34	0.00	2.2E-09	2.8E-01	8.6E-03	1.0E-03	2.5E-06	1.6E-01	5.5E-03	2.2E-09	5.3E-01
35	0.00	2.5E-09	3.2E-01	8.6E-03	1.0E-03	2.9E-06	1.6E-01	5.5E-03	2.5E-09	6.3E-01
36	0.00	2.8E-09	3.6E-01	8.6E-03	1.0E-03	3.3E-06	1.6E-01	5.5E-03	2.8E-09	7.6E-01
37	0.00	3.2E-09	4.1E-01	8.6E-03	1.0E-03	3.7E-06	1.6E-01	5.5E-03	3.2E-09	8.9E-01
38	0.00	3.5E-09	4.6E-01	8.6E-03	1.0E-03	4.1E-06	1.6E-01	5.5E-03	3.5E-09	1.0E+00
39	0.00	3.9E-09	5.1E-01	8.6E-03	1.0E-03	4.5E-06	1.6E-01	5.5E-03	3.9E-09	1.1E+00
40	0.00	4.2E-09	5.5E-01	8.6E-03	1.0E-03	4.9E-06	1.6E-01	5.5E-03	4.2E-09	1.3E+00
41	0.00	4.6E-09	5.9E-01	8.6E-03	1.0E-03	5.3E-06	1.6E-01	5.5E-03	4.6E-09	1.4E+00
42	0.00	5.0E-09	6.5E-01	8.6E-03	1.0E-03	5.8E-06	1.6E-01	5.5E-03	5.0E-09	1.5E+00
43	0.01	5.6E-09	7.2E-01	8.6E-03	1.0E-03	6.5E-06	1.6E-01	5.5E-03	5.6E-09	1.6E+00

44	0.01	6.1E-09	7.8E-01	8.6E-03	1.0E-03	7.0E-06	1.6E-01	5.5E-03	6.0E-09	1.5E+00
45	0.01	6.4E-09	8.3E-01	8.6E-03	1.0E-03	7.4E-06	1.6E-01	5.5E-03	6.4E-09	1.4E+00
46	0.01	6.6E-09	8.5E-01	8.6E-03	1.0E-03	7.6E-06	1.6E-01	5.5E-03	6.6E-09	1.3E+00
47	0.01	6.5E-09	8.4E-01	8.6E-03	1.0E-03	7.6E-06	1.6E-01	5.5E-03	6.5E-09	1.1E+00
48	0.01	6.3E-09	8.1E-01	8.6E-03	1.0E-03	7.3E-06	1.6E-01	5.5E-03	6.3E-09	9.8E-01
49	0.00	2.2E-09	2.8E-01	8.6E-03	1.0E-03	2.5E-06	1.6E-01	5.5E-03	2.2E-09	5.2E-01
50	0.00	2.5E-09	3.2E-01	8.6E-03	1.0E-03	2.9E-06	1.6E-01	5.5E-03	2.5E-09	6.4E-01
51	0.00	2.9E-09	3.8E-01	8.6E-03	1.0E-03	3.4E-06	1.6E-01	5.5E-03	2.9E-09	8.1E-01
52	0.00	3.4E-09	4.4E-01	8.6E-03	1.0E-03	3.9E-06	1.6E-01	5.5E-03	3.4E-09	1.0E+00
53	0.00	3.9E-09	5.0E-01	8.6E-03	1.0E-03	4.5E-06	1.6E-01	5.5E-03	3.9E-09	1.3E+00
54	0.00	4.5E-09	5.8E-01	8.6E-03	1.0E-03	5.2E-06	1.6E-01	5.5E-03	4.5E-09	1.5E+00
55	0.01	5.0E-09	6.5E-01	8.6E-03	1.0E-03	5.9E-06	1.6E-01	5.5E-03	5.0E-09	1.7E+00
56	0.01	5.6E-09	7.2E-01	8.6E-03	1.0E-03	6.4E-06	1.6E-01	5.5E-03	5.6E-09	2.0E+00
57	0.01	6.1E-09	7.9E-01	8.6E-03	1.0E-03	7.1E-06	1.6E-01	5.5E-03	6.1E-09	2.3E+00
58	0.01	6.8E-09	8.9E-01	8.6E-03	1.0E-03	7.9E-06	1.6E-01	5.5E-03	6.8E-09	2.4E+00
59	0.01	7.8E-09	1.0E+00	8.6E-03	1.0E-03	9.1E-06	1.6E-01	5.5E-03	7.8E-09	2.3E+00
60	0.01	8.4E-09	1.1E+00	8.6E-03	1.0E-03	9.8E-06	1.6E-01	5.5E-03	8.4E-09	2.1E+00
61	0.01	8.7E-09	1.1E+00	8.6E-03	1.0E-03	1.0E-05	1.6E-01	5.5E-03	8.7E-09	1.8E+00
62	0.01	8.7E-09	1.1E+00	8.6E-03	1.0E-03	1.0E-05	1.6E-01	5.5E-03	8.7E-09	1.5E+00
63	0.01	8.3E-09	1.1E+00	8.6E-03	1.0E-03	9.7E-06	1.6E-01	5.5E-03	8.3E-09	1.3E+00
64	0.01	7.8E-09	1.0E+00	8.6E-03	1.0E-03	9.0E-06	1.6E-01	5.5E-03	7.8E-09	1.1E+00
65	0.00	2.4E-09	3.1E-01	8.6E-03	1.0E-03	2.8E-06	1.6E-01	5.5E-03	2.4E-09	6.0E-01
66	0.00	2.9E-09	3.7E-01	8.6E-03	1.0E-03	3.3E-06	1.6E-01	5.5E-03	2.9E-09	7.8E-01
67	0.00	3.4E-09	4.4E-01	8.6E-03	1.0E-03	4.0E-06	1.6E-01	5.5E-03	3.4E-09	1.0E+00
68	0.00	4.1E-09	5.3E-01	8.6E-03	1.0E-03	4.7E-06	1.6E-01	5.5E-03	4.1E-09	1.4E+00
69	0.00	4.9E-09	6.3E-01	8.6E-03	1.0E-03	5.7E-06	1.6E-01	5.5E-03	4.9E-09	1.9E+00
70	0.01	5.8E-09	7.5E-01	8.6E-03	1.0E-03	6.8E-06	1.6E-01	5.5E-03	5.8E-09	2.5E+00
71	0.01	6.8E-09	8.8E-01	8.6E-03	1.0E-03	7.9E-06	1.6E-01	5.5E-03	6.8E-09	3.0E+00
72	0.01	7.7E-09	1.0E+00	8.6E-03	1.0E-03	9.0E-06	1.6E-01	5.5E-03	7.7E-09	3.6E+00
73	0.01	8.8E-09	1.1E+00	8.6E-03	1.0E-03	1.0E-05	1.6E-01	5.5E-03	8.8E-09	3.9E+00
74	0.01	1.0E-08	1.3E+00	8.6E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-03	1.0E-08	3.7E+00
75	0.01	1.2E-08	1.5E+00	8.6E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-03	1.2E-08	3.2E+00
76	0.01	1.2E-08	1.6E+00	8.6E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-03	1.2E-08	2.6E+00
77	0.01	1.2E-08	1.6E+00	8.6E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-03	1.2E-08	2.1E+00
78	0.01	1.2E-08	1.5E+00	8.6E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-03	1.2E-08	1.7E+00
79	0.01	1.1E-08	1.4E+00	8.6E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-03	1.1E-08	1.4E+00
80	0.01	9.4E-09	1.2E+00	8.6E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-03	9.4E-09	1.1E+00
81	0.00	2.7E-09	3.5E-01	8.6E-03	1.0E-03	3.1E-06	1.6E-01	5.5E-03	2.7E-09	6.8E-01
82	0.00	3.3E-09	4.2E-01	8.6E-03	1.0E-03	3.8E-06	1.6E-01	5.5E-03	3.3E-09	9.3E-01
83	0.00	4.0E-09	5.2E-01	8.6E-03	1.0E-03	4.6E-06	1.6E-01	5.5E-03	4.0E-09	1.3E+00
84	0.00	5.0E-09	6.4E-01	8.6E-03	1.0E-03	5.8E-06	1.6E-01	5.5E-03	5.0E-09	2.0E+00
85	0.01	6.2E-09	8.1E-01	8.6E-03	1.0E-03	7.2E-06	1.6E-01	5.5E-03	6.2E-09	3.1E+00
86	0.01	7.8E-09	1.0E+00	8.6E-03	1.0E-03	9.1E-06	1.6E-01	5.5E-03	7.8E-09	4.8E+00
87	0.01	9.7E-09	1.3E+00	8.6E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-03	9.7E-09	6.6E+00
88	0.01	1.2E-08	1.5E+00	8.6E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-03	1.2E-08	7.9E+00
89	0.01	1.4E-08	1.8E+00	8.6E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-03	1.4E-08	7.2E+00
90	0.02	1.7E-08	2.2E+00	8.6E-03	1.0E-03	2.0E-05	1.6E-01	5.5E-03	1.7E-08	5.6E+00
91	0.02	1.8E-08	2.4E+00	8.6E-03	1.0E-03	2.1E-05	1.6E-01	5.5E-03	1.8E-08	4.2E+00
92	0.02	1.8E-08	2.4E+00	8.6E-03	1.0E-03	2.1E-05	1.6E-01	5.5E-03	1.8E-08	3.1E+00

93	0.02	1.7E-08	2.2E+00	8.6E-03	1.0E-03	2.0E-05	1.6E-01	5.5E-03	1.7E-08	2.3E+00
94	0.02	1.5E-08	1.9E+00	8.6E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-03	1.5E-08	1.8E+00
95	0.01	1.3E-08	1.7E+00	8.6E-03	1.0E-03	1.5E-05	1.6E-01	5.5E-03	1.3E-08	1.4E+00
96	0.01	1.1E-08	1.4E+00	8.6E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-03	1.1E-08	1.1E+00
97	0.00	3.0E-09	3.8E-01	8.6E-03	1.0E-03	3.4E-06	1.6E-01	5.5E-03	3.0E-09	7.5E-01
98	0.00	3.7E-09	4.7E-01	8.6E-03	1.0E-03	4.3E-06	1.6E-01	5.5E-03	3.7E-09	1.1E+00
99	0.00	4.7E-09	6.0E-01	8.6E-03	1.0E-03	5.4E-06	1.6E-01	5.5E-03	4.7E-09	1.6E+00
100	0.01	6.0E-09	7.8E-01	8.6E-03	1.0E-03	7.0E-06	1.6E-01	5.5E-03	6.0E-09	2.7E+00
101	0.01	8.0E-09	1.0E+00	8.6E-03	1.0E-03	9.3E-06	1.6E-01	5.5E-03	8.0E-09	5.2E+00
102	0.01	1.1E-08	1.4E+00	8.6E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-03	1.1E-08	1.2E+01
103	0.01	1.5E-08	1.9E+00	8.6E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-03	1.5E-08	2.3E+01
104	0.02	2.0E-08	2.6E+00	8.6E-03	1.0E-03	2.3E-05	1.6E-01	5.5E-03	2.0E-08	2.0E+01
105	0.03	2.5E-08	3.3E+00	8.6E-03	1.0E-03	3.0E-05	1.6E-01	5.5E-03	2.5E-08	1.2E+01
106	0.03	3.1E-08	4.0E+00	8.6E-03	1.0E-03	3.6E-05	1.6E-01	5.5E-03	3.1E-08	7.4E+00
107	0.03	3.1E-08	4.0E+00	8.6E-03	1.0E-03	3.6E-05	1.6E-01	5.5E-03	3.1E-08	4.7E+00
108	0.03	2.7E-08	3.6E+00	8.6E-03	1.0E-03	3.2E-05	1.6E-01	5.5E-03	2.7E-08	3.2E+00
109	0.02	2.3E-08	3.0E+00	8.6E-03	1.0E-03	2.7E-05	1.6E-01	5.5E-03	2.3E-08	2.3E+00
110	0.02	1.9E-08	2.4E+00	8.6E-03	1.0E-03	2.2E-05	1.6E-01	5.5E-03	1.9E-08	1.7E+00
111	0.02	1.5E-08	1.9E+00	8.6E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-03	1.5E-08	1.3E+00
112	0.01	1.2E-08	1.6E+00	8.6E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-03	1.2E-08	1.0E+00
113	0.00	3.2E-09	4.2E-01	8.6E-03	1.0E-03	3.7E-06	1.6E-01	5.5E-03	3.2E-09	7.9E-01
114	0.00	4.1E-09	5.3E-01	8.6E-03	1.0E-03	4.7E-06	1.6E-01	5.5E-03	4.1E-09	1.1E+00
115	0.01	5.3E-09	6.9E-01	8.6E-03	1.0E-03	6.2E-06	1.6E-01	5.5E-03	5.3E-09	1.8E+00
116	0.01	7.2E-09	9.4E-01	8.6E-03	1.0E-03	8.4E-06	1.6E-01	5.5E-03	7.2E-09	3.3E+00
117	0.01	1.0E-08	1.3E+00	8.6E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-03	1.0E-08	7.6E+00
118	0.06	6.5E-08	8.4E+00	8.6E-03	1.0E-03	7.5E-05	1.6E-01	5.5E-03	6.5E-08	7.7E+00
119	0.05	5.2E-08	6.7E+00	8.6E-03	1.0E-03	6.0E-05	1.6E-01	5.5E-03	5.2E-08	4.5E+00
120	0.04	3.9E-08	5.1E+00	8.6E-03	1.0E-03	4.5E-05	1.6E-01	5.5E-03	3.9E-08	3.0E+00
121	0.03	2.9E-08	3.8E+00	8.6E-03	1.0E-03	3.4E-05	1.6E-01	5.5E-03	2.9E-08	2.1E+00
122	0.02	2.2E-08	2.8E+00	8.6E-03	1.0E-03	2.5E-05	1.6E-01	5.5E-03	2.2E-08	1.5E+00
123	0.02	1.6E-08	2.1E+00	8.6E-03	1.0E-03	1.9E-05	1.6E-01	5.5E-03	1.6E-08	1.1E+00
124	0.01	1.3E-08	1.6E+00	8.6E-03	1.0E-03	1.5E-05	1.6E-01	5.5E-03	1.3E-08	9.0E-01
125	0.00	3.4E-09	4.4E-01	8.6E-03	1.0E-03	3.9E-06	1.6E-01	5.5E-03	3.4E-09	7.8E-01
126	0.00	4.4E-09	5.6E-01	8.6E-03	1.0E-03	5.1E-06	1.6E-01	5.5E-03	4.4E-09	1.1E+00
127	0.01	5.8E-09	7.6E-01	8.6E-03	1.0E-03	6.8E-06	1.6E-01	5.5E-03	5.8E-09	1.8E+00
128	0.01	8.2E-09	1.1E+00	8.6E-03	1.0E-03	9.6E-06	1.6E-01	5.5E-03	8.2E-09	3.3E+00
129	0.01	1.2E-08	1.6E+00	8.6E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-03	1.2E-08	7.4E+00
130	0.13	1.3E-07	1.7E+01	8.6E-03	1.0E-03	1.5E-04	1.6E-01	5.5E-03	1.3E-07	6.3E+00
131	0.08	7.8E-08	1.0E+01	8.6E-03	1.0E-03	9.0E-05	1.6E-01	5.5E-03	7.8E-08	3.7E+00
132	0.05	4.9E-08	6.3E+00	8.6E-03	1.0E-03	5.7E-05	1.6E-01	5.5E-03	4.9E-08	2.4E+00
133	0.03	3.3E-08	4.2E+00	8.6E-03	1.0E-03	3.8E-05	1.6E-01	5.5E-03	3.3E-08	1.7E+00
134	0.02	2.3E-08	2.9E+00	8.6E-03	1.0E-03	2.6E-05	1.6E-01	5.5E-03	2.3E-08	1.3E+00
135	0.02	1.6E-08	2.1E+00	8.6E-03	1.0E-03	1.9E-05	1.6E-01	5.5E-03	1.6E-08	9.9E-01
136	0.01	1.2E-08	1.6E+00	8.6E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-03	1.2E-08	7.8E-01
137	0.00	3.5E-09	4.5E-01	8.6E-03	1.0E-03	4.0E-06	1.6E-01	5.5E-03	3.5E-09	7.4E-01
138	0.00	4.5E-09	5.9E-01	8.6E-03	1.0E-03	5.3E-06	1.6E-01	5.5E-03	4.5E-09	1.0E+00
139	0.01	6.1E-09	7.9E-01	8.6E-03	1.0E-03	7.1E-06	1.6E-01	5.5E-03	6.1E-09	1.6E+00
140	0.01	8.8E-09	1.1E+00	8.6E-03	1.0E-03	1.0E-05	1.6E-01	5.5E-03	8.8E-09	2.7E+00
141	0.01	1.4E-08	1.8E+00	8.6E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-03	1.4E-08	5.0E+00

142	0.19	1.9E-07	2.5E+01	8.6E-03	1.0E-03	2.3E-04	1.6E-01	5.5E-03	1.9E-07	4.5E+00
143	0.09	9.4E-08	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-03	9.4E-08	2.9E+00
144	0.05	5.1E-08	6.7E+00	8.6E-03	1.0E-03	6.0E-05	1.6E-01	5.5E-03	5.1E-08	2.0E+00
145	0.03	3.2E-08	4.2E+00	8.6E-03	1.0E-03	3.8E-05	1.6E-01	5.5E-03	3.2E-08	1.5E+00
146	0.02	2.1E-08	2.8E+00	8.6E-03	1.0E-03	2.5E-05	1.6E-01	5.5E-03	2.1E-08	1.1E+00
147	0.02	1.5E-08	1.9E+00	8.6E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-03	1.5E-08	8.6E-01
148	0.01	1.1E-08	1.4E+00	8.6E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-03	1.1E-08	6.9E-01
149	0.00	3.4E-09	4.5E-01	8.6E-03	1.0E-03	4.0E-06	1.6E-01	5.5E-03	3.4E-09	6.7E-01
150	0.00	4.4E-09	5.7E-01	8.6E-03	1.0E-03	5.1E-06	1.6E-01	5.5E-03	4.4E-09	9.0E-01
151	0.01	6.0E-09	7.8E-01	8.6E-03	1.0E-03	7.0E-06	1.6E-01	5.5E-03	6.0E-09	1.3E+00
152	0.01	8.7E-09	1.1E+00	8.6E-03	1.0E-03	1.0E-05	1.6E-01	5.5E-03	8.6E-09	2.0E+00
153	0.01	1.3E-08	1.7E+00	8.6E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-03	1.3E-08	3.1E+00
154	0.30	3.0E-07	3.8E+01	8.6E-03	1.0E-03	3.4E-04	1.6E-01	5.5E-03	3.0E-07	3.3E+00
155	0.09	8.8E-08	1.1E+01	8.6E-03	1.0E-03	1.0E-04	1.6E-01	5.5E-03	8.8E-08	2.3E+00
156	0.04	4.3E-08	5.6E+00	8.6E-03	1.0E-03	5.0E-05	1.6E-01	5.5E-03	4.3E-08	1.6E+00
157	0.03	2.7E-08	3.6E+00	8.6E-03	1.0E-03	3.2E-05	1.6E-01	5.5E-03	2.7E-08	1.2E+00
158	0.02	1.8E-08	2.4E+00	8.6E-03	1.0E-03	2.1E-05	1.6E-01	5.5E-03	1.8E-08	9.6E-01
159	0.01	1.3E-08	1.7E+00	8.6E-03	1.0E-03	1.5E-05	1.6E-01	5.5E-03	1.3E-08	7.6E-01
160	0.01	9.6E-09	1.2E+00	8.6E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-03	9.6E-09	6.1E-01
161	0.00	3.1E-09	4.0E-01	8.6E-03	1.0E-03	3.6E-06	1.6E-01	5.5E-03	3.1E-09	5.9E-01
162	0.00	4.0E-09	5.2E-01	8.6E-03	1.0E-03	4.6E-06	1.6E-01	5.5E-03	4.0E-09	7.6E-01
163	0.01	5.3E-09	6.9E-01	8.6E-03	1.0E-03	6.2E-06	1.6E-01	5.5E-03	5.3E-09	1.0E+00
164	0.01	7.8E-09	1.0E+00	8.6E-03	1.0E-03	9.0E-06	1.6E-01	5.5E-03	7.8E-09	1.4E+00
165	0.01	1.2E-08	1.6E+00	8.6E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-03	1.2E-08	2.1E+00
166	0.02	2.1E-08	2.7E+00	8.6E-03	1.0E-03	2.4E-05	1.6E-01	5.5E-03	2.1E-08	2.9E+00
167	0.04	4.2E-08	5.5E+00	8.6E-03	1.0E-03	4.9E-05	1.6E-01	5.5E-03	4.2E-08	3.6E+00
168	0.12	1.2E-07	1.5E+01	8.6E-03	1.0E-03	1.3E-04	1.6E-01	5.5E-03	1.2E-07	3.6E+00
169	0.19	1.9E-07	2.5E+01	8.6E-03	1.0E-03	2.2E-04	1.6E-01	5.5E-03	1.9E-07	3.1E+00
170	0.12	1.2E-07	1.6E+01	8.6E-03	1.0E-03	1.4E-04	1.6E-01	5.5E-03	1.2E-07	2.5E+00
171	0.06	6.0E-08	7.8E+00	8.6E-03	1.0E-03	7.0E-05	1.6E-01	5.5E-03	6.0E-08	1.9E+00
172	0.03	3.1E-08	4.0E+00	8.6E-03	1.0E-03	3.6E-05	1.6E-01	5.5E-03	3.1E-08	1.3E+00
173	0.02	2.0E-08	2.6E+00	8.6E-03	1.0E-03	2.4E-05	1.6E-01	5.5E-03	2.0E-08	1.0E+00
174	0.01	1.5E-08	1.9E+00	8.6E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-03	1.5E-08	8.5E-01
175	0.01	1.1E-08	1.4E+00	8.6E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-03	1.1E-08	6.8E-01
176	0.01	8.1E-09	1.1E+00	8.6E-03	1.0E-03	9.5E-06	1.6E-01	5.5E-03	8.1E-09	5.6E-01
177	0.00	2.9E-09	3.8E-01	8.6E-03	1.0E-03	3.4E-06	1.6E-01	5.5E-03	2.9E-09	5.1E-01
178	0.00	3.7E-09	4.8E-01	8.6E-03	1.0E-03	4.3E-06	1.6E-01	5.5E-03	3.7E-09	6.4E-01
179	0.00	4.7E-09	6.1E-01	8.6E-03	1.0E-03	5.5E-06	1.6E-01	5.5E-03	4.7E-09	8.2E-01
180	0.01	7.0E-09	9.0E-01	8.6E-03	1.0E-03	8.1E-06	1.6E-01	5.5E-03	7.0E-09	1.1E+00
181	0.01	1.0E-08	1.3E+00	8.6E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-03	1.0E-08	1.5E+00
182	0.02	1.6E-08	2.0E+00	8.6E-03	1.0E-03	1.8E-05	1.6E-01	5.5E-03	1.6E-08	1.9E+00
183	0.03	2.6E-08	3.4E+00	8.6E-03	1.0E-03	3.1E-05	1.6E-01	5.5E-03	2.6E-08	2.2E+00
184	0.04	4.5E-08	5.8E+00	8.6E-03	1.0E-03	5.2E-05	1.6E-01	5.5E-03	4.5E-08	2.3E+00
185	0.06	6.0E-08	7.8E+00	8.6E-03	1.0E-03	7.0E-05	1.6E-01	5.5E-03	6.0E-08	2.2E+00
186	0.05	5.3E-08	6.9E+00	8.6E-03	1.0E-03	6.2E-05	1.6E-01	5.5E-03	5.3E-08	1.8E+00
187	0.04	3.7E-08	4.8E+00	8.6E-03	1.0E-03	4.3E-05	1.6E-01	5.5E-03	3.7E-08	1.5E+00
188	0.02	2.5E-08	3.2E+00	8.6E-03	1.0E-03	2.9E-05	1.6E-01	5.5E-03	2.5E-08	1.2E+00
189	0.02	1.6E-08	2.0E+00	8.6E-03	1.0E-03	1.8E-05	1.6E-01	5.5E-03	1.6E-08	9.0E-01
190	0.01	1.2E-08	1.6E+00	8.6E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-03	1.2E-08	7.6E-01

191	0.01	9.2E-09	1.2E+00	8.6E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-03	9.2E-09	6.3E-01
192	0.01	7.1E-09	9.2E-01	8.6E-03	1.0E-03	8.2E-06	1.6E-01	5.5E-03	7.1E-09	5.2E-01
193	0.00	2.7E-09	3.5E-01	8.6E-03	1.0E-03	3.1E-06	1.6E-01	5.5E-03	2.7E-09	4.4E-01
194	0.00	3.4E-09	4.5E-01	8.6E-03	1.0E-03	4.0E-06	1.6E-01	5.5E-03	3.4E-09	5.4E-01
195	0.00	4.6E-09	5.9E-01	8.6E-03	1.0E-03	5.3E-06	1.6E-01	5.5E-03	4.6E-09	6.7E-01
196	0.01	6.0E-09	7.8E-01	8.6E-03	1.0E-03	7.0E-06	1.6E-01	5.5E-03	6.0E-09	8.6E-01
197	0.01	8.2E-09	1.1E+00	8.6E-03	1.0E-03	9.5E-06	1.6E-01	5.5E-03	8.2E-09	1.1E+00
198	0.01	1.2E-08	1.5E+00	8.6E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-03	1.2E-08	1.3E+00
199	0.02	1.7E-08	2.2E+00	8.6E-03	1.0E-03	2.0E-05	1.6E-01	5.5E-03	1.7E-08	1.5E+00
200	0.02	2.4E-08	3.2E+00	8.6E-03	1.0E-03	2.8E-05	1.6E-01	5.5E-03	2.4E-08	1.6E+00
201	0.03	3.0E-08	3.9E+00	8.6E-03	1.0E-03	3.5E-05	1.6E-01	5.5E-03	3.0E-08	1.5E+00
202	0.03	2.9E-08	3.7E+00	8.6E-03	1.0E-03	3.4E-05	1.6E-01	5.5E-03	2.9E-08	1.4E+00
203	0.02	2.3E-08	2.9E+00	8.6E-03	1.0E-03	2.6E-05	1.6E-01	5.5E-03	2.3E-08	1.1E+00
204	0.02	1.7E-08	2.3E+00	8.6E-03	1.0E-03	2.0E-05	1.6E-01	5.5E-03	1.7E-08	9.7E-01
205	0.01	1.3E-08	1.7E+00	8.6E-03	1.0E-03	1.5E-05	1.6E-01	5.5E-03	1.3E-08	8.0E-01
206	0.01	9.6E-09	1.2E+00	8.6E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-03	9.6E-09	6.5E-01
207	0.01	8.0E-09	1.0E+00	8.6E-03	1.0E-03	9.3E-06	1.6E-01	5.5E-03	8.0E-09	5.7E-01
208	0.01	6.3E-09	8.2E-01	8.6E-03	1.0E-03	7.4E-06	1.6E-01	5.5E-03	6.3E-09	4.8E-01
209	0.00	2.6E-09	3.4E-01	8.6E-03	1.0E-03	3.1E-06	1.6E-01	5.5E-03	2.6E-09	3.8E-01
210	0.00	3.2E-09	4.2E-01	8.6E-03	1.0E-03	3.7E-06	1.6E-01	5.5E-03	3.2E-09	4.6E-01
211	0.00	4.0E-09	5.2E-01	8.6E-03	1.0E-03	4.7E-06	1.6E-01	5.5E-03	4.0E-09	5.6E-01
212	0.01	5.1E-09	6.5E-01	8.6E-03	1.0E-03	5.9E-06	1.6E-01	5.5E-03	5.1E-09	6.8E-01
213	0.01	6.6E-09	8.5E-01	8.6E-03	1.0E-03	7.6E-06	1.6E-01	5.5E-03	6.6E-09	8.3E-01
214	0.01	8.9E-09	1.2E+00	8.6E-03	1.0E-03	1.0E-05	1.6E-01	5.5E-03	8.9E-09	9.7E-01
215	0.01	1.2E-08	1.6E+00	8.6E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-03	1.2E-08	1.1E+00
216	0.02	1.5E-08	2.0E+00	8.6E-03	1.0E-03	1.8E-05	1.6E-01	5.5E-03	1.5E-08	1.1E+00
217	0.02	1.8E-08	2.3E+00	8.6E-03	1.0E-03	2.1E-05	1.6E-01	5.5E-03	1.8E-08	1.1E+00
218	0.02	1.8E-08	2.3E+00	8.6E-03	1.0E-03	2.1E-05	1.6E-01	5.5E-03	1.8E-08	1.1E+00
219	0.02	1.7E-08	2.1E+00	8.6E-03	1.0E-03	1.9E-05	1.6E-01	5.5E-03	1.7E-08	9.6E-01
220	0.01	1.4E-08	1.8E+00	8.6E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-03	1.4E-08	8.4E-01
221	0.01	1.1E-08	1.4E+00	8.6E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-03	1.1E-08	7.2E-01
222	0.01	8.1E-09	1.1E+00	8.6E-03	1.0E-03	9.5E-06	1.6E-01	5.5E-03	8.1E-09	5.8E-01
223	0.01	6.5E-09	8.4E-01	8.6E-03	1.0E-03	7.5E-06	1.6E-01	5.5E-03	6.5E-09	4.9E-01
224	0.01	5.7E-09	7.4E-01	8.6E-03	1.0E-03	6.6E-06	1.6E-01	5.5E-03	5.7E-09	4.4E-01
225	0.00	2.4E-09	3.1E-01	8.6E-03	1.0E-03	2.8E-06	1.6E-01	5.5E-03	2.4E-09	3.4E-01
226	0.00	2.9E-09	3.7E-01	8.6E-03	1.0E-03	3.3E-06	1.6E-01	5.5E-03	2.9E-09	4.0E-01
227	0.00	3.5E-09	4.5E-01	8.6E-03	1.0E-03	4.0E-06	1.6E-01	5.5E-03	3.5E-09	4.7E-01
228	0.00	4.3E-09	5.6E-01	8.6E-03	1.0E-03	5.0E-06	1.6E-01	5.5E-03	4.3E-09	5.6E-01
229	0.01	5.4E-09	7.0E-01	8.6E-03	1.0E-03	6.3E-06	1.6E-01	5.5E-03	5.4E-09	6.5E-01
230	0.01	6.9E-09	9.0E-01	8.6E-03	1.0E-03	8.0E-06	1.6E-01	5.5E-03	6.9E-09	7.5E-01
231	0.01	8.8E-09	1.1E+00	8.6E-03	1.0E-03	1.0E-05	1.6E-01	5.5E-03	8.8E-09	8.3E-01
232	0.01	1.1E-08	1.4E+00	8.6E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-03	1.1E-08	8.7E-01
233	0.01	1.2E-08	1.6E+00	8.6E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-03	1.2E-08	8.7E-01
234	0.01	1.2E-08	1.6E+00	8.6E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-03	1.2E-08	8.4E-01
235	0.01	1.2E-08	1.5E+00	8.6E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-03	1.2E-08	7.8E-01
236	0.01	1.1E-08	1.4E+00	8.6E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-03	1.1E-08	7.1E-01
237	0.01	9.0E-09	1.2E+00	8.6E-03	1.0E-03	1.0E-05	1.6E-01	5.5E-03	9.0E-09	6.2E-01
238	0.01	7.5E-09	9.7E-01	8.6E-03	1.0E-03	8.7E-06	1.6E-01	5.5E-03	7.5E-09	5.4E-01
239	0.01	5.7E-09	7.4E-01	8.6E-03	1.0E-03	6.6E-06	1.6E-01	5.5E-03	5.7E-09	4.4E-01

240	0.00	4.7E-09	6.1E-01	8.6E-03	1.0E-03	5.5E-06	1.6E-01	5.5E-03	4.7E-09	3.8E-01
241	0.00	2.2E-09	2.8E-01	8.6E-03	1.0E-03	2.5E-06	1.6E-01	5.5E-03	2.2E-09	2.9E-01
242	0.00	2.5E-09	3.3E-01	8.6E-03	1.0E-03	3.0E-06	1.6E-01	5.5E-03	2.5E-09	3.4E-01
243	0.00	3.0E-09	3.9E-01	8.6E-03	1.0E-03	3.5E-06	1.6E-01	5.5E-03	3.0E-09	4.0E-01
244	0.00	3.6E-09	4.7E-01	8.6E-03	1.0E-03	4.2E-06	1.6E-01	5.5E-03	3.6E-09	4.6E-01
245	0.00	4.4E-09	5.7E-01	8.6E-03	1.0E-03	5.2E-06	1.6E-01	5.5E-03	4.4E-09	5.3E-01
246	0.01	5.4E-09	7.0E-01	8.6E-03	1.0E-03	6.3E-06	1.6E-01	5.5E-03	5.4E-09	6.0E-01
247	0.01	6.7E-09	8.6E-01	8.6E-03	1.0E-03	7.7E-06	1.6E-01	5.5E-03	6.7E-09	6.5E-01
248	0.01	7.8E-09	1.0E+00	8.6E-03	1.0E-03	9.1E-06	1.6E-01	5.5E-03	7.8E-09	6.8E-01
249	0.01	8.7E-09	1.1E+00	8.6E-03	1.0E-03	1.0E-05	1.6E-01	5.5E-03	8.7E-09	6.9E-01
250	0.01	9.1E-09	1.2E+00	8.6E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-03	9.1E-09	6.7E-01
251	0.01	8.9E-09	1.1E+00	8.6E-03	1.0E-03	1.0E-05	1.6E-01	5.5E-03	8.9E-09	6.4E-01
252	0.01	8.2E-09	1.1E+00	8.6E-03	1.0E-03	9.5E-06	1.6E-01	5.5E-03	8.2E-09	5.9E-01
253	0.01	7.3E-09	9.5E-01	8.6E-03	1.0E-03	8.5E-06	1.6E-01	5.5E-03	7.3E-09	5.4E-01
254	0.01	6.3E-09	8.2E-01	8.6E-03	1.0E-03	7.4E-06	1.6E-01	5.5E-03	6.3E-09	4.8E-01
255	0.01	5.3E-09	6.9E-01	8.6E-03	1.0E-03	6.1E-06	1.6E-01	5.5E-03	5.3E-09	4.2E-01
256	0.00	4.2E-09	5.4E-01	8.6E-03	1.0E-03	4.9E-06	1.6E-01	5.5E-03	4.2E-09	3.5E-01
257	0.00	1.9E-09	2.5E-01	8.6E-03	1.0E-03	2.3E-06	1.6E-01	5.5E-03	1.9E-09	2.6E-01
258	0.00	2.2E-09	2.9E-01	8.6E-03	1.0E-03	2.6E-06	1.6E-01	5.5E-03	2.2E-09	3.0E-01
259	0.00	2.6E-09	3.4E-01	8.6E-03	1.0E-03	3.0E-06	1.6E-01	5.5E-03	2.6E-09	3.4E-01
260	0.00	3.1E-09	4.0E-01	8.6E-03	1.0E-03	3.6E-06	1.6E-01	5.5E-03	3.1E-09	3.9E-01
261	0.00	3.7E-09	4.8E-01	8.6E-03	1.0E-03	4.3E-06	1.6E-01	5.5E-03	3.7E-09	4.4E-01
262	0.00	4.4E-09	5.7E-01	8.6E-03	1.0E-03	5.1E-06	1.6E-01	5.5E-03	4.4E-09	4.9E-01
263	0.01	5.2E-09	6.8E-01	8.6E-03	1.0E-03	6.1E-06	1.6E-01	5.5E-03	5.2E-09	5.3E-01
264	0.01	6.0E-09	7.8E-01	8.6E-03	1.0E-03	7.0E-06	1.6E-01	5.5E-03	6.0E-09	5.5E-01
265	0.01	6.6E-09	8.5E-01	8.6E-03	1.0E-03	7.6E-06	1.6E-01	5.5E-03	6.6E-09	5.6E-01
266	0.01	6.9E-09	8.9E-01	8.6E-03	1.0E-03	8.0E-06	1.6E-01	5.5E-03	6.8E-09	5.5E-01
267	0.01	6.8E-09	8.8E-01	8.6E-03	1.0E-03	7.9E-06	1.6E-01	5.5E-03	6.8E-09	5.3E-01
268	0.01	6.5E-09	8.4E-01	8.6E-03	1.0E-03	7.5E-06	1.6E-01	5.5E-03	6.5E-09	5.0E-01
269	0.01	6.0E-09	7.7E-01	8.6E-03	1.0E-03	6.9E-06	1.6E-01	5.5E-03	6.0E-09	4.6E-01
270	0.01	5.3E-09	6.9E-01	8.6E-03	1.0E-03	6.2E-06	1.6E-01	5.5E-03	5.3E-09	4.2E-01
271	0.00	4.6E-09	6.0E-01	8.6E-03	1.0E-03	5.4E-06	1.6E-01	5.5E-03	4.6E-09	3.8E-01
272	0.00	3.8E-09	4.9E-01	8.6E-03	1.0E-03	4.4E-06	1.6E-01	5.5E-03	3.8E-09	3.2E-01
273	0.01	1.1E-08	1.4E+00	8.6E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-03	1.1E-08	1.2E+01
274	0.01	1.2E-08	1.5E+00	8.6E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-03	1.2E-08	1.4E+01
275	0.01	1.2E-08	1.6E+00	8.6E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-03	1.2E-08	1.6E+01
276	0.01	1.3E-08	1.7E+00	8.6E-03	1.0E-03	1.5E-05	1.6E-01	5.5E-03	1.3E-08	1.9E+01
277	0.01	1.4E-08	1.8E+00	8.6E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-03	1.4E-08	2.1E+01
278	0.01	1.5E-08	1.9E+00	8.6E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-03	1.5E-08	2.3E+01
279	0.02	1.6E-08	2.0E+00	8.6E-03	1.0E-03	1.8E-05	1.6E-01	5.5E-03	1.6E-08	2.5E+01
280	0.02	1.7E-08	2.1E+00	8.6E-03	1.0E-03	1.9E-05	1.6E-01	5.5E-03	1.7E-08	2.4E+01
281	0.02	1.8E-08	2.3E+00	8.6E-03	1.0E-03	2.0E-05	1.6E-01	5.5E-03	1.7E-08	2.3E+01
282	0.02	1.9E-08	2.4E+00	8.6E-03	1.0E-03	2.2E-05	1.6E-01	5.5E-03	1.9E-08	2.2E+01
283	0.02	2.0E-08	2.6E+00	8.6E-03	1.0E-03	2.3E-05	1.6E-01	5.5E-03	2.0E-08	2.0E+01
284	0.02	2.1E-08	2.7E+00	8.6E-03	1.0E-03	2.4E-05	1.6E-01	5.5E-03	2.1E-08	1.8E+01
285	0.02	2.2E-08	2.8E+00	8.6E-03	1.0E-03	2.5E-05	1.6E-01	5.5E-03	2.2E-08	1.7E+01
286	0.02	2.3E-08	3.0E+00	8.6E-03	1.0E-03	2.7E-05	1.6E-01	5.5E-03	2.3E-08	1.5E+01
287	0.02	2.4E-08	3.1E+00	8.6E-03	1.0E-03	2.8E-05	1.6E-01	5.5E-03	2.4E-08	1.3E+01
288	0.03	2.5E-08	3.3E+00	8.6E-03	1.0E-03	3.0E-05	1.6E-01	5.5E-03	2.5E-08	1.2E+01

289	0.03	2.7E-08	3.5E+00	8.6E-03	1.0E-03	3.1E-05	1.6E-01	5.5E-03	2.7E-08	1.1E+01
290	0.03	2.8E-08	3.7E+00	8.6E-03	1.0E-03	3.3E-05	1.6E-01	5.5E-03	2.8E-08	9.9E+00
291	0.03	3.0E-08	3.8E+00	8.6E-03	1.0E-03	3.4E-05	1.6E-01	5.5E-03	3.0E-08	9.0E+00
292	0.03	3.0E-08	3.9E+00	8.6E-03	1.0E-03	3.5E-05	1.6E-01	5.5E-03	3.0E-08	8.1E+00
293	0.03	3.1E-08	4.0E+00	8.6E-03	1.0E-03	3.6E-05	1.6E-01	5.5E-03	3.1E-08	7.4E+00
294	0.03	3.1E-08	4.0E+00	8.6E-03	1.0E-03	3.6E-05	1.6E-01	5.5E-03	3.1E-08	6.7E+00
295	0.03	3.1E-08	4.1E+00	8.6E-03	1.0E-03	3.6E-05	1.6E-01	5.5E-03	3.1E-08	6.1E+00
296	0.03	3.1E-08	4.0E+00	8.6E-03	1.0E-03	3.6E-05	1.6E-01	5.5E-03	3.1E-08	5.6E+00
297	0.03	3.1E-08	4.0E+00	8.6E-03	1.0E-03	3.6E-05	1.6E-01	5.5E-03	3.1E-08	5.1E+00
298	0.03	3.1E-08	4.0E+00	8.6E-03	1.0E-03	3.6E-05	1.6E-01	5.5E-03	3.1E-08	4.7E+00
299	0.01	1.2E-08	1.5E+00	8.6E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-03	1.2E-08	1.4E+01
300	0.01	1.2E-08	1.6E+00	8.6E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-03	1.2E-08	1.8E+01
301	0.01	1.3E-08	1.7E+00	8.6E-03	1.0E-03	1.5E-05	1.6E-01	5.5E-03	1.3E-08	2.2E+01
302	0.01	1.4E-08	1.8E+00	8.6E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-03	1.4E-08	2.6E+01
303	0.02	1.5E-08	2.0E+00	8.6E-03	1.0E-03	1.8E-05	1.6E-01	5.5E-03	1.5E-08	3.1E+01
304	0.02	1.6E-08	2.1E+00	8.6E-03	1.0E-03	1.9E-05	1.6E-01	5.5E-03	1.6E-08	3.4E+01
305	0.02	1.7E-08	2.2E+00	8.6E-03	1.0E-03	2.0E-05	1.6E-01	5.5E-03	1.7E-08	3.5E+01
306	0.02	1.8E-08	2.4E+00	8.6E-03	1.0E-03	2.1E-05	1.6E-01	5.5E-03	1.8E-08	3.3E+01
307	0.02	2.0E-08	2.5E+00	8.6E-03	1.0E-03	2.3E-05	1.6E-01	5.5E-03	2.0E-08	3.0E+01
308	0.02	2.1E-08	2.7E+00	8.6E-03	1.0E-03	2.4E-05	1.6E-01	5.5E-03	2.1E-08	2.7E+01
309	0.02	2.2E-08	2.9E+00	8.6E-03	1.0E-03	2.6E-05	1.6E-01	5.5E-03	2.2E-08	2.4E+01
310	0.02	2.4E-08	3.0E+00	8.6E-03	1.0E-03	2.7E-05	1.6E-01	5.5E-03	2.3E-08	2.1E+01
311	0.02	2.5E-08	3.2E+00	8.6E-03	1.0E-03	2.9E-05	1.6E-01	5.5E-03	2.5E-08	1.9E+01
312	0.03	2.6E-08	3.4E+00	8.6E-03	1.0E-03	3.1E-05	1.6E-01	5.5E-03	2.6E-08	1.7E+01
313	0.03	2.8E-08	3.6E+00	8.6E-03	1.0E-03	3.3E-05	1.6E-01	5.5E-03	2.8E-08	1.5E+01
314	0.03	3.0E-08	3.8E+00	8.6E-03	1.0E-03	3.4E-05	1.6E-01	5.5E-03	3.0E-08	1.3E+01
315	0.03	3.1E-08	4.0E+00	8.6E-03	1.0E-03	3.6E-05	1.6E-01	5.5E-03	3.1E-08	1.2E+01
316	0.03	3.3E-08	4.3E+00	8.6E-03	1.0E-03	3.8E-05	1.6E-01	5.5E-03	3.3E-08	1.0E+01
317	0.03	3.4E-08	4.4E+00	8.6E-03	1.0E-03	4.0E-05	1.6E-01	5.5E-03	3.4E-08	9.4E+00
318	0.04	3.5E-08	4.5E+00	8.6E-03	1.0E-03	4.1E-05	1.6E-01	5.5E-03	3.5E-08	8.4E+00
319	0.04	3.5E-08	4.6E+00	8.6E-03	1.0E-03	4.1E-05	1.6E-01	5.5E-03	3.5E-08	7.6E+00
320	0.04	3.6E-08	4.6E+00	8.6E-03	1.0E-03	4.1E-05	1.6E-01	5.5E-03	3.6E-08	6.9E+00
321	0.04	3.6E-08	4.6E+00	8.6E-03	1.0E-03	4.1E-05	1.6E-01	5.5E-03	3.6E-08	6.2E+00
322	0.04	3.5E-08	4.6E+00	8.6E-03	1.0E-03	4.1E-05	1.6E-01	5.5E-03	3.5E-08	5.7E+00
323	0.03	3.5E-08	4.5E+00	8.6E-03	1.0E-03	4.0E-05	1.6E-01	5.5E-03	3.5E-08	5.2E+00
324	0.03	3.4E-08	4.4E+00	8.6E-03	1.0E-03	4.0E-05	1.6E-01	5.5E-03	3.4E-08	4.8E+00
325	0.01	1.3E-08	1.6E+00	8.6E-03	1.0E-03	1.5E-05	1.6E-01	5.5E-03	1.3E-08	1.8E+01
326	0.01	1.3E-08	1.7E+00	8.6E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-03	1.3E-08	2.3E+01
327	0.01	1.4E-08	1.9E+00	8.6E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-03	1.4E-08	2.9E+01
328	0.02	1.6E-08	2.0E+00	8.6E-03	1.0E-03	1.8E-05	1.6E-01	5.5E-03	1.5E-08	3.8E+01
329	0.02	1.7E-08	2.2E+00	8.6E-03	1.0E-03	1.9E-05	1.6E-01	5.5E-03	1.7E-08	4.8E+01
330	0.02	1.8E-08	2.3E+00	8.6E-03	1.0E-03	2.1E-05	1.6E-01	5.5E-03	1.8E-08	5.4E+01
331	0.02	1.9E-08	2.5E+00	8.6E-03	1.0E-03	2.2E-05	1.6E-01	5.5E-03	1.9E-08	5.3E+01
332	0.02	2.1E-08	2.7E+00	8.6E-03	1.0E-03	2.4E-05	1.6E-01	5.5E-03	2.1E-08	4.7E+01
333	0.02	2.2E-08	2.9E+00	8.6E-03	1.0E-03	2.6E-05	1.6E-01	5.5E-03	2.2E-08	4.0E+01
334	0.02	2.4E-08	3.1E+00	8.6E-03	1.0E-03	2.8E-05	1.6E-01	5.5E-03	2.4E-08	3.4E+01
335	0.03	2.6E-08	3.3E+00	8.6E-03	1.0E-03	3.0E-05	1.6E-01	5.5E-03	2.6E-08	2.9E+01
336	0.03	2.7E-08	3.5E+00	8.6E-03	1.0E-03	3.1E-05	1.6E-01	5.5E-03	2.7E-08	2.4E+01
337	0.03	2.9E-08	3.7E+00	8.6E-03	1.0E-03	3.3E-05	1.6E-01	5.5E-03	2.9E-08	2.1E+01

338	0.03	3.1E-08	4.0E+00	8.6E-03	1.0E-03	3.6E-05	1.6E-01	5.5E-03	3.1E-08	1.8E+01
339	0.03	3.3E-08	4.3E+00	8.6E-03	1.0E-03	3.8E-05	1.6E-01	5.5E-03	3.3E-08	1.6E+01
340	0.03	3.5E-08	4.5E+00	8.6E-03	1.0E-03	4.0E-05	1.6E-01	5.5E-03	3.5E-08	1.4E+01
341	0.04	3.7E-08	4.8E+00	8.6E-03	1.0E-03	4.3E-05	1.6E-01	5.5E-03	3.7E-08	1.2E+01
342	0.04	3.9E-08	5.0E+00	8.6E-03	1.0E-03	4.5E-05	1.6E-01	5.5E-03	3.9E-08	1.1E+01
343	0.04	4.0E-08	5.2E+00	8.6E-03	1.0E-03	4.7E-05	1.6E-01	5.5E-03	4.0E-08	9.7E+00
344	0.04	4.1E-08	5.3E+00	8.6E-03	1.0E-03	4.7E-05	1.6E-01	5.5E-03	4.1E-08	8.7E+00
345	0.04	4.1E-08	5.3E+00	8.6E-03	1.0E-03	4.8E-05	1.6E-01	5.5E-03	4.1E-08	7.8E+00
346	0.04	4.1E-08	5.3E+00	8.6E-03	1.0E-03	4.7E-05	1.6E-01	5.5E-03	4.1E-08	7.0E+00
347	0.04	4.0E-08	5.2E+00	8.6E-03	1.0E-03	4.7E-05	1.6E-01	5.5E-03	4.0E-08	6.3E+00
348	0.04	4.0E-08	5.2E+00	8.6E-03	1.0E-03	4.6E-05	1.6E-01	5.5E-03	4.0E-08	5.7E+00
349	0.04	3.9E-08	5.0E+00	8.6E-03	1.0E-03	4.5E-05	1.6E-01	5.5E-03	3.9E-08	5.2E+00
350	0.04	3.8E-08	4.9E+00	8.6E-03	1.0E-03	4.4E-05	1.6E-01	5.5E-03	3.8E-08	4.8E+00
351	0.01	1.3E-08	1.7E+00	8.6E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-03	1.3E-08	2.1E+01
352	0.01	1.5E-08	1.9E+00	8.6E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-03	1.4E-08	2.9E+01
353	0.02	1.6E-08	2.0E+00	8.6E-03	1.0E-03	1.8E-05	1.6E-01	5.5E-03	1.6E-08	4.0E+01
354	0.02	1.7E-08	2.2E+00	8.6E-03	1.0E-03	2.0E-05	1.6E-01	5.5E-03	1.7E-08	5.7E+01
355	0.02	1.8E-08	2.4E+00	8.6E-03	1.0E-03	2.1E-05	1.6E-01	5.5E-03	1.8E-08	2.2E+01
356	0.02	2.0E-08	2.6E+00	8.6E-03	1.0E-03	2.3E-05	1.6E-01	5.5E-03	2.0E-08	2.5E+01
357	0.02	2.2E-08	2.8E+00	8.6E-03	1.0E-03	2.5E-05	1.6E-01	5.5E-03	2.2E-08	2.6E+01
358	0.02	2.3E-08	3.0E+00	8.6E-03	1.0E-03	2.7E-05	1.6E-01	5.5E-03	2.3E-08	6.8E+01
359	0.03	2.5E-08	3.3E+00	8.6E-03	1.0E-03	2.9E-05	1.6E-01	5.5E-03	2.5E-08	5.2E+01
360	0.03	2.7E-08	3.5E+00	8.6E-03	1.0E-03	3.2E-05	1.6E-01	5.5E-03	2.7E-08	4.1E+01
361	0.03	3.0E-08	3.8E+00	8.6E-03	1.0E-03	3.4E-05	1.6E-01	5.5E-03	3.0E-08	3.3E+01
362	0.03	3.2E-08	4.1E+00	8.6E-03	1.0E-03	3.7E-05	1.6E-01	5.5E-03	3.2E-08	2.8E+01
363	0.03	3.4E-08	4.4E+00	8.6E-03	1.0E-03	3.9E-05	1.6E-01	5.5E-03	3.4E-08	2.3E+01
364	0.04	3.6E-08	4.7E+00	8.6E-03	1.0E-03	4.2E-05	1.6E-01	5.5E-03	3.6E-08	2.0E+01
365	0.04	3.9E-08	5.1E+00	8.6E-03	1.0E-03	4.5E-05	1.6E-01	5.5E-03	3.9E-08	1.7E+01
366	0.04	4.2E-08	5.4E+00	8.6E-03	1.0E-03	4.8E-05	1.6E-01	5.5E-03	4.2E-08	1.5E+01
367	0.04	4.4E-08	5.7E+00	8.6E-03	1.0E-03	5.1E-05	1.6E-01	5.5E-03	4.4E-08	1.3E+01
368	0.05	4.6E-08	6.0E+00	8.6E-03	1.0E-03	5.4E-05	1.6E-01	5.5E-03	4.6E-08	1.1E+01
369	0.05	4.7E-08	6.1E+00	8.6E-03	1.0E-03	5.5E-05	1.6E-01	5.5E-03	4.7E-08	9.9E+00
370	0.05	4.8E-08	6.2E+00	8.6E-03	1.0E-03	5.6E-05	1.6E-01	5.5E-03	4.8E-08	8.8E+00
371	0.05	4.8E-08	6.2E+00	8.6E-03	1.0E-03	5.5E-05	1.6E-01	5.5E-03	4.8E-08	7.8E+00
372	0.05	4.7E-08	6.1E+00	8.6E-03	1.0E-03	5.5E-05	1.6E-01	5.5E-03	4.7E-08	7.0E+00
373	0.05	4.6E-08	6.0E+00	8.6E-03	1.0E-03	5.4E-05	1.6E-01	5.5E-03	4.6E-08	6.3E+00
374	0.05	4.5E-08	5.8E+00	8.6E-03	1.0E-03	5.2E-05	1.6E-01	5.5E-03	4.5E-08	5.7E+00
375	0.04	4.4E-08	5.7E+00	8.6E-03	1.0E-03	5.1E-05	1.6E-01	5.5E-03	4.4E-08	5.2E+00
376	0.04	4.2E-08	5.5E+00	8.6E-03	1.0E-03	4.9E-05	1.6E-01	5.5E-03	4.2E-08	4.7E+00
377	0.01	1.4E-08	1.9E+00	8.6E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-03	1.4E-08	2.5E+01
378	0.02	1.6E-08	2.0E+00	8.6E-03	1.0E-03	1.8E-05	1.6E-01	5.5E-03	1.6E-08	3.6E+01
379	0.02	1.7E-08	2.2E+00	8.6E-03	1.0E-03	2.0E-05	1.6E-01	5.5E-03	1.7E-08	5.3E+01
380	0.02	1.9E-08	2.4E+00	8.6E-03	1.0E-03	2.2E-05	1.6E-01	5.5E-03	1.9E-08	2.8E+01
381	0.02	2.0E-08	2.6E+00	8.6E-03	1.0E-03	2.4E-05	1.6E-01	5.5E-03	2.0E-08	3.4E+01
382	0.05	5.4E-08	7.0E+00	8.6E-03	1.0E-03	6.2E-05	1.6E-01	5.5E-03	5.4E-08	1.3E+01
383	0.06	5.6E-08	7.2E+00	8.6E-03	1.0E-03	6.5E-05	1.6E-01	5.5E-03	5.6E-08	1.1E+01
384	0.06	5.7E-08	7.3E+00	8.6E-03	1.0E-03	6.6E-05	1.6E-01	5.5E-03	5.7E-08	1.0E+01
385	0.06	5.7E-08	7.3E+00	8.6E-03	1.0E-03	6.6E-05	1.6E-01	5.5E-03	5.6E-08	8.8E+00
386	0.06	5.6E-08	7.2E+00	8.6E-03	1.0E-03	6.5E-05	1.6E-01	5.5E-03	5.6E-08	7.8E+00

387	0.05	5.4E-08	7.0E+00	8.6E-03	1.0E-03	6.3E-05	1.6E-01	5.5E-03	5.4E-08	7.0E+00
388	0.05	5.3E-08	6.8E+00	8.6E-03	1.0E-03	6.1E-05	1.6E-01	5.5E-03	5.3E-08	6.3E+00
389	0.05	5.1E-08	6.6E+00	8.6E-03	1.0E-03	5.9E-05	1.6E-01	5.5E-03	5.1E-08	5.6E+00
390	0.05	4.9E-08	6.3E+00	8.6E-03	1.0E-03	5.7E-05	1.6E-01	5.5E-03	4.9E-08	5.1E+00
391	0.05	4.7E-08	6.1E+00	8.6E-03	1.0E-03	5.4E-05	1.6E-01	5.5E-03	4.7E-08	4.6E+00
392	0.02	1.5E-08	2.0E+00	8.6E-03	1.0E-03	1.8E-05	1.6E-01	5.5E-03	1.5E-08	2.9E+01
393	0.02	1.7E-08	2.2E+00	8.6E-03	1.0E-03	2.0E-05	1.6E-01	5.5E-03	1.7E-08	4.2E+01
394	0.02	1.9E-08	2.4E+00	8.6E-03	1.0E-03	2.1E-05	1.6E-01	5.5E-03	1.8E-08	6.4E+01
395	0.02	2.0E-08	2.6E+00	8.6E-03	1.0E-03	2.4E-05	1.6E-01	5.5E-03	2.0E-08	4.2E+01
396	0.02	2.2E-08	2.9E+00	8.6E-03	1.0E-03	2.6E-05	1.6E-01	5.5E-03	2.2E-08	5.7E+01
397	0.07	6.7E-08	8.6E+00	8.6E-03	1.0E-03	7.7E-05	1.6E-01	5.5E-03	6.7E-08	1.3E+01
398	0.07	6.8E-08	8.8E+00	8.6E-03	1.0E-03	7.9E-05	1.6E-01	5.5E-03	6.8E-08	1.1E+01
399	0.07	6.8E-08	8.8E+00	8.6E-03	1.0E-03	7.9E-05	1.6E-01	5.5E-03	6.8E-08	1.0E+01
400	0.07	6.7E-08	8.7E+00	8.6E-03	1.0E-03	7.8E-05	1.6E-01	5.5E-03	6.7E-08	8.8E+00
401	0.06	6.5E-08	8.4E+00	8.6E-03	1.0E-03	7.5E-05	1.6E-01	5.5E-03	6.5E-08	7.7E+00
402	0.06	6.2E-08	8.1E+00	8.6E-03	1.0E-03	7.3E-05	1.6E-01	5.5E-03	6.2E-08	6.9E+00
403	0.06	6.0E-08	7.7E+00	8.6E-03	1.0E-03	6.9E-05	1.6E-01	5.5E-03	6.0E-08	6.1E+00
404	0.06	5.7E-08	7.4E+00	8.6E-03	1.0E-03	6.6E-05	1.6E-01	5.5E-03	5.7E-08	5.5E+00
405	0.05	5.4E-08	7.0E+00	8.6E-03	1.0E-03	6.3E-05	1.6E-01	5.5E-03	5.4E-08	5.0E+00
406	0.05	5.2E-08	6.7E+00	8.6E-03	1.0E-03	6.0E-05	1.6E-01	5.5E-03	5.2E-08	4.5E+00
407	0.02	1.6E-08	2.1E+00	8.6E-03	1.0E-03	1.9E-05	1.6E-01	5.5E-03	1.6E-08	3.1E+01
408	0.02	1.8E-08	2.3E+00	8.6E-03	1.0E-03	2.1E-05	1.6E-01	5.5E-03	1.8E-08	4.5E+01
409	0.02	2.0E-08	2.6E+00	8.6E-03	1.0E-03	2.3E-05	1.6E-01	5.5E-03	2.0E-08	7.1E+01
410	0.02	2.2E-08	2.8E+00	8.6E-03	1.0E-03	2.5E-05	1.6E-01	5.5E-03	2.2E-08	1.7E+01
411	0.02	2.4E-08	3.2E+00	8.6E-03	1.0E-03	2.8E-05	1.6E-01	5.5E-03	2.4E-08	2.0E+01
412	0.08	8.4E-08	1.1E+01	8.6E-03	1.0E-03	9.8E-05	1.6E-01	5.5E-03	8.4E-08	1.3E+01
413	0.08	8.5E-08	1.1E+01	8.6E-03	1.0E-03	9.8E-05	1.6E-01	5.5E-03	8.5E-08	1.1E+01
414	0.08	8.3E-08	1.1E+01	8.6E-03	1.0E-03	9.6E-05	1.6E-01	5.5E-03	8.3E-08	9.8E+00
415	0.08	8.0E-08	1.0E+01	8.6E-03	1.0E-03	9.3E-05	1.6E-01	5.5E-03	8.0E-08	8.6E+00
416	0.08	7.6E-08	9.8E+00	8.6E-03	1.0E-03	8.8E-05	1.6E-01	5.5E-03	7.6E-08	7.6E+00
417	0.07	7.2E-08	9.3E+00	8.6E-03	1.0E-03	8.3E-05	1.6E-01	5.5E-03	7.2E-08	6.7E+00
418	0.07	6.8E-08	8.8E+00	8.6E-03	1.0E-03	7.9E-05	1.6E-01	5.5E-03	6.8E-08	6.0E+00
419	0.06	6.4E-08	8.3E+00	8.6E-03	1.0E-03	7.4E-05	1.6E-01	5.5E-03	6.4E-08	5.4E+00
420	0.06	6.0E-08	7.8E+00	8.6E-03	1.0E-03	7.0E-05	1.6E-01	5.5E-03	6.0E-08	4.9E+00
421	0.06	5.7E-08	7.3E+00	8.6E-03	1.0E-03	6.6E-05	1.6E-01	5.5E-03	5.7E-08	4.4E+00
422	0.02	1.8E-08	2.3E+00	8.6E-03	1.0E-03	2.0E-05	1.6E-01	5.5E-03	1.8E-08	3.2E+01
423	0.02	1.9E-08	2.5E+00	8.6E-03	1.0E-03	2.2E-05	1.6E-01	5.5E-03	1.9E-08	4.7E+01
424	0.02	2.1E-08	2.8E+00	8.6E-03	1.0E-03	2.5E-05	1.6E-01	5.5E-03	2.1E-08	7.5E+01
425	0.02	2.4E-08	3.1E+00	8.6E-03	1.0E-03	2.8E-05	1.6E-01	5.5E-03	2.4E-08	6.2E+01
426	0.03	2.7E-08	3.5E+00	8.6E-03	1.0E-03	3.1E-05	1.6E-01	5.5E-03	2.7E-08	3.4E+01
427	0.11	1.1E-07	1.4E+01	8.6E-03	1.0E-03	1.3E-04	1.6E-01	5.5E-03	1.1E-07	1.3E+01
428	0.11	1.1E-07	1.4E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	5.5E-03	1.1E-07	1.1E+01
429	0.10	1.0E-07	1.3E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	5.5E-03	1.0E-07	9.5E+00
430	0.09	9.5E-08	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-03	9.5E-08	8.3E+00
431	0.09	8.8E-08	1.1E+01	8.6E-03	1.0E-03	1.0E-04	1.6E-01	5.5E-03	8.8E-08	7.3E+00
432	0.08	8.2E-08	1.1E+01	8.6E-03	1.0E-03	9.6E-05	1.6E-01	5.5E-03	8.2E-08	6.5E+00
433	0.08	7.7E-08	9.9E+00	8.6E-03	1.0E-03	8.9E-05	1.6E-01	5.5E-03	7.7E-08	5.8E+00
434	0.07	7.1E-08	9.2E+00	8.6E-03	1.0E-03	8.3E-05	1.6E-01	5.5E-03	7.1E-08	5.2E+00
435	0.07	6.6E-08	8.6E+00	8.6E-03	1.0E-03	7.7E-05	1.6E-01	5.5E-03	6.6E-08	4.7E+00

436	0.06	6.2E-08	8.0E+00	8.6E-03	1.0E-03	7.2E-05	1.6E-01	5.5E-03	6.2E-08	4.3E+00
437	0.02	1.9E-08	2.4E+00	8.6E-03	1.0E-03	2.2E-05	1.6E-01	5.5E-03	1.9E-08	3.2E+01
438	0.02	2.1E-08	2.7E+00	8.6E-03	1.0E-03	2.4E-05	1.6E-01	5.5E-03	2.1E-08	4.7E+01
439	0.02	2.3E-08	3.0E+00	8.6E-03	1.0E-03	2.7E-05	1.6E-01	5.5E-03	2.3E-08	7.4E+01
440	0.03	2.6E-08	3.3E+00	8.6E-03	1.0E-03	3.0E-05	1.6E-01	5.5E-03	2.6E-08	6.2E+01
441	0.03	3.0E-08	3.8E+00	8.6E-03	1.0E-03	3.4E-05	1.6E-01	5.5E-03	3.0E-08	3.0E+01
442	0.14	1.4E-07	1.9E+01	8.6E-03	1.0E-03	1.7E-04	1.6E-01	5.5E-03	1.4E-07	1.2E+01
443	0.13	1.3E-07	1.7E+01	8.6E-03	1.0E-03	1.6E-04	1.6E-01	5.5E-03	1.3E-07	1.1E+01
444	0.12	1.2E-07	1.6E+01	8.6E-03	1.0E-03	1.4E-04	1.6E-01	5.5E-03	1.2E-07	9.1E+00
445	0.11	1.1E-07	1.4E+01	8.6E-03	1.0E-03	1.3E-04	1.6E-01	5.5E-03	1.1E-07	8.0E+00
446	0.10	1.0E-07	1.3E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	5.5E-03	1.0E-07	7.0E+00
447	0.09	9.3E-08	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-03	9.3E-08	6.2E+00
448	0.09	8.6E-08	1.1E+01	8.6E-03	1.0E-03	1.0E-04	1.6E-01	5.5E-03	8.6E-08	5.6E+00
449	0.08	7.9E-08	1.0E+01	8.6E-03	1.0E-03	9.2E-05	1.6E-01	5.5E-03	7.9E-08	5.0E+00
450	0.07	7.3E-08	9.4E+00	8.6E-03	1.0E-03	8.4E-05	1.6E-01	5.5E-03	7.3E-08	4.5E+00
451	0.07	6.7E-08	8.7E+00	8.6E-03	1.0E-03	7.8E-05	1.6E-01	5.5E-03	6.7E-08	4.1E+00
452	0.02	2.0E-08	2.5E+00	8.6E-03	1.0E-03	2.3E-05	1.6E-01	5.5E-03	2.0E-08	3.0E+01
453	0.02	2.2E-08	2.8E+00	8.6E-03	1.0E-03	2.6E-05	1.6E-01	5.5E-03	2.2E-08	4.5E+01
454	0.02	2.5E-08	3.2E+00	8.6E-03	1.0E-03	2.9E-05	1.6E-01	5.5E-03	2.5E-08	7.0E+01
455	0.03	2.8E-08	3.6E+00	8.6E-03	1.0E-03	3.3E-05	1.6E-01	5.5E-03	2.8E-08	1.5E+01
456	0.03	3.2E-08	4.2E+00	8.6E-03	1.0E-03	3.8E-05	1.6E-01	5.5E-03	3.2E-08	1.8E+01
457	0.19	1.9E-07	2.5E+01	8.6E-03	1.0E-03	2.2E-04	1.6E-01	5.5E-03	1.9E-07	1.2E+01
458	0.17	1.7E-07	2.2E+01	8.6E-03	1.0E-03	1.9E-04	1.6E-01	5.5E-03	1.7E-07	1.0E+01
459	0.15	1.5E-07	1.9E+01	8.6E-03	1.0E-03	1.7E-04	1.6E-01	5.5E-03	1.5E-07	8.7E+00
460	0.13	1.3E-07	1.7E+01	8.6E-03	1.0E-03	1.5E-04	1.6E-01	5.5E-03	1.3E-07	7.6E+00
461	0.12	1.2E-07	1.5E+01	8.6E-03	1.0E-03	1.4E-04	1.6E-01	5.5E-03	1.2E-07	6.7E+00
462	0.11	1.1E-07	1.4E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	5.5E-03	1.1E-07	6.0E+00
463	0.10	9.6E-08	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-03	9.6E-08	5.3E+00
464	0.09	8.7E-08	1.1E+01	8.6E-03	1.0E-03	1.0E-04	1.6E-01	5.5E-03	8.7E-08	4.8E+00
465	0.08	7.9E-08	1.0E+01	8.6E-03	1.0E-03	9.2E-05	1.6E-01	5.5E-03	7.9E-08	4.3E+00
466	0.07	7.2E-08	9.4E+00	8.6E-03	1.0E-03	8.4E-05	1.6E-01	5.5E-03	7.2E-08	3.9E+00
467	0.02	2.1E-08	2.7E+00	8.6E-03	1.0E-03	2.4E-05	1.6E-01	5.5E-03	2.1E-08	2.8E+01
468	0.02	2.3E-08	3.0E+00	8.6E-03	1.0E-03	2.7E-05	1.6E-01	5.5E-03	2.3E-08	4.0E+01
469	0.03	2.6E-08	3.4E+00	8.6E-03	1.0E-03	3.1E-05	1.6E-01	5.5E-03	2.6E-08	6.1E+01
470	0.03	3.0E-08	3.9E+00	8.6E-03	1.0E-03	3.5E-05	1.6E-01	5.5E-03	3.0E-08	3.9E+01
471	0.04	3.5E-08	4.6E+00	8.6E-03	1.0E-03	4.1E-05	1.6E-01	5.5E-03	3.5E-08	5.0E+01
472	0.24	2.4E-07	3.1E+01	8.6E-03	1.0E-03	2.8E-04	1.6E-01	5.5E-03	2.4E-07	1.1E+01
473	0.20	2.0E-07	2.6E+01	8.6E-03	1.0E-03	2.3E-04	1.6E-01	5.5E-03	2.0E-07	9.3E+00
474	0.17	1.7E-07	2.2E+01	8.6E-03	1.0E-03	2.0E-04	1.6E-01	5.5E-03	1.7E-07	8.2E+00
475	0.15	1.5E-07	1.9E+01	8.6E-03	1.0E-03	1.7E-04	1.6E-01	5.5E-03	1.5E-07	7.2E+00
476	0.13	1.3E-07	1.7E+01	8.6E-03	1.0E-03	1.5E-04	1.6E-01	5.5E-03	1.3E-07	6.3E+00
477	0.12	1.2E-07	1.5E+01	8.6E-03	1.0E-03	1.4E-04	1.6E-01	5.5E-03	1.2E-07	5.7E+00
478	0.11	1.1E-07	1.4E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	5.5E-03	1.1E-07	5.1E+00
479	0.09	9.5E-08	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-03	9.5E-08	4.6E+00
480	0.09	8.6E-08	1.1E+01	8.6E-03	1.0E-03	1.0E-04	1.6E-01	5.5E-03	8.6E-08	4.1E+00
481	0.08	7.8E-08	1.0E+01	8.6E-03	1.0E-03	9.0E-05	1.6E-01	5.5E-03	7.8E-08	3.7E+00
482	0.02	2.2E-08	2.8E+00	8.6E-03	1.0E-03	2.5E-05	1.6E-01	5.5E-03	2.2E-08	2.4E+01
483	0.02	2.5E-08	3.2E+00	8.6E-03	1.0E-03	2.8E-05	1.6E-01	5.5E-03	2.5E-08	3.4E+01
484	0.03	2.8E-08	3.6E+00	8.6E-03	1.0E-03	3.2E-05	1.6E-01	5.5E-03	2.8E-08	5.0E+01

485	0.03	3.2E-08	4.2E+00	8.6E-03	1.0E-03	3.8E-05	1.6E-01	5.5E-03	3.2E-08	2.6E+01
486	0.04	3.8E-08	5.0E+00	8.6E-03	1.0E-03	4.5E-05	1.6E-01	5.5E-03	3.8E-08	3.1E+01
487	0.29	2.9E-07	3.8E+01	8.6E-03	1.0E-03	3.4E-04	1.6E-01	5.5E-03	2.9E-07	9.9E+00
488	0.23	2.3E-07	3.0E+01	8.6E-03	1.0E-03	2.7E-04	1.6E-01	5.5E-03	2.3E-07	8.7E+00
489	0.20	2.0E-07	2.5E+01	8.6E-03	1.0E-03	2.3E-04	1.6E-01	5.5E-03	2.0E-07	7.6E+00
490	0.17	1.7E-07	2.2E+01	8.6E-03	1.0E-03	1.9E-04	1.6E-01	5.5E-03	1.7E-07	6.7E+00
491	0.15	1.5E-07	1.9E+01	8.6E-03	1.0E-03	1.7E-04	1.6E-01	5.5E-03	1.5E-07	6.0E+00
492	0.13	1.3E-07	1.7E+01	8.6E-03	1.0E-03	1.5E-04	1.6E-01	5.5E-03	1.3E-07	5.3E+00
493	0.11	1.1E-07	1.5E+01	8.6E-03	1.0E-03	1.3E-04	1.6E-01	5.5E-03	1.1E-07	4.8E+00
494	0.10	1.0E-07	1.3E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	5.5E-03	1.0E-07	4.3E+00
495	0.09	9.2E-08	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-03	9.2E-08	3.9E+00
496	0.08	8.3E-08	1.1E+01	8.6E-03	1.0E-03	9.6E-05	1.6E-01	5.5E-03	8.3E-08	3.6E+00
497	0.02	2.3E-08	2.9E+00	8.6E-03	1.0E-03	2.6E-05	1.6E-01	5.5E-03	2.3E-08	2.0E+01
498	0.03	2.6E-08	3.3E+00	8.6E-03	1.0E-03	3.0E-05	1.6E-01	5.5E-03	2.6E-08	2.7E+01
499	0.03	3.0E-08	3.8E+00	8.6E-03	1.0E-03	3.4E-05	1.6E-01	5.5E-03	3.0E-08	3.8E+01
500	0.03	3.5E-08	4.5E+00	8.6E-03	1.0E-03	4.0E-05	1.6E-01	5.5E-03	3.5E-08	5.3E+01
501	0.04	4.2E-08	5.4E+00	8.6E-03	1.0E-03	4.8E-05	1.6E-01	5.5E-03	4.1E-08	2.0E+01
502	0.33	3.3E-07	4.2E+01	8.6E-03	1.0E-03	3.8E-04	1.6E-01	5.5E-03	3.3E-07	9.1E+00
503	0.26	2.6E-07	3.4E+01	8.6E-03	1.0E-03	3.0E-04	1.6E-01	5.5E-03	2.6E-07	8.0E+00
504	0.22	2.2E-07	2.8E+01	8.6E-03	1.0E-03	2.5E-04	1.6E-01	5.5E-03	2.2E-07	7.1E+00
505	0.19	1.9E-07	2.4E+01	8.6E-03	1.0E-03	2.2E-04	1.6E-01	5.5E-03	1.9E-07	6.3E+00
506	0.16	1.6E-07	2.1E+01	8.6E-03	1.0E-03	1.9E-04	1.6E-01	5.5E-03	1.6E-07	5.6E+00
507	0.14	1.4E-07	1.8E+01	8.6E-03	1.0E-03	1.6E-04	1.6E-01	5.5E-03	1.4E-07	5.0E+00
508	0.12	1.2E-07	1.6E+01	8.6E-03	1.0E-03	1.4E-04	1.6E-01	5.5E-03	1.2E-07	4.5E+00
509	0.11	1.1E-07	1.4E+01	8.6E-03	1.0E-03	1.3E-04	1.6E-01	5.5E-03	1.1E-07	4.1E+00
510	0.10	9.8E-08	1.3E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-03	9.8E-08	3.7E+00
511	0.09	8.8E-08	1.1E+01	8.6E-03	1.0E-03	1.0E-04	1.6E-01	5.5E-03	8.8E-08	3.4E+00
512	0.02	2.3E-08	3.0E+00	8.6E-03	1.0E-03	2.7E-05	1.6E-01	5.5E-03	2.3E-08	1.7E+01
513	0.03	2.7E-08	3.5E+00	8.6E-03	1.0E-03	3.1E-05	1.6E-01	5.5E-03	2.7E-08	2.2E+01
514	0.03	3.1E-08	4.0E+00	8.6E-03	1.0E-03	3.6E-05	1.6E-01	5.5E-03	3.1E-08	2.8E+01
515	0.04	3.7E-08	4.7E+00	8.6E-03	1.0E-03	4.2E-05	1.6E-01	5.5E-03	3.7E-08	3.6E+01
516	0.04	4.4E-08	5.7E+00	8.6E-03	1.0E-03	5.1E-05	1.6E-01	5.5E-03	4.4E-08	4.3E+01
517	0.36	3.6E-07	4.6E+01	8.6E-03	1.0E-03	4.1E-04	1.6E-01	5.5E-03	3.6E-07	8.3E+00
518	0.29	2.9E-07	3.7E+01	8.6E-03	1.0E-03	3.4E-04	1.6E-01	5.5E-03	2.9E-07	7.4E+00
519	0.24	2.4E-07	3.1E+01	8.6E-03	1.0E-03	2.8E-04	1.6E-01	5.5E-03	2.4E-07	6.5E+00
520	0.20	2.0E-07	2.6E+01	8.6E-03	1.0E-03	2.4E-04	1.6E-01	5.5E-03	2.0E-07	5.8E+00
521	0.18	1.8E-07	2.3E+01	8.6E-03	1.0E-03	2.0E-04	1.6E-01	5.5E-03	1.8E-07	5.2E+00
522	0.15	1.5E-07	2.0E+01	8.6E-03	1.0E-03	1.8E-04	1.6E-01	5.5E-03	1.5E-07	4.7E+00
523	0.13	1.3E-07	1.7E+01	8.6E-03	1.0E-03	1.6E-04	1.6E-01	5.5E-03	1.3E-07	4.3E+00
524	0.12	1.2E-07	1.5E+01	8.6E-03	1.0E-03	1.4E-04	1.6E-01	5.5E-03	1.2E-07	3.9E+00
525	0.10	1.0E-07	1.3E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	5.5E-03	1.0E-07	3.5E+00
526	0.09	9.1E-08	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-03	9.1E-08	3.2E+00
527	0.02	2.4E-08	3.1E+00	8.6E-03	1.0E-03	2.8E-05	1.6E-01	5.5E-03	2.4E-08	1.4E+01
528	0.03	2.8E-08	3.6E+00	8.6E-03	1.0E-03	3.2E-05	1.6E-01	5.5E-03	2.8E-08	1.7E+01
529	0.03	3.2E-08	4.2E+00	8.6E-03	1.0E-03	3.7E-05	1.6E-01	5.5E-03	3.2E-08	2.1E+01
530	0.04	3.8E-08	5.0E+00	8.6E-03	1.0E-03	4.4E-05	1.6E-01	5.5E-03	3.8E-08	2.5E+01
531	0.05	4.7E-08	6.0E+00	8.6E-03	1.0E-03	5.4E-05	1.6E-01	5.5E-03	4.7E-08	2.8E+01
532	0.39	3.9E-07	5.0E+01	8.6E-03	1.0E-03	4.5E-04	1.6E-01	5.5E-03	3.9E-07	7.6E+00
533	0.32	3.2E-07	4.1E+01	8.6E-03	1.0E-03	3.7E-04	1.6E-01	5.5E-03	3.2E-07	6.8E+00

534	0.26	2.6E-07	3.4E+01	8.6E-03	1.0E-03	3.0E-04	1.6E-01	5.5E-03	2.6E-07	6.0E+00
535	0.22	2.2E-07	2.8E+01	8.6E-03	1.0E-03	2.5E-04	1.6E-01	5.5E-03	2.2E-07	5.4E+00
536	0.19	1.9E-07	2.4E+01	8.6E-03	1.0E-03	2.2E-04	1.6E-01	5.5E-03	1.9E-07	4.9E+00
537	0.16	1.6E-07	2.1E+01	8.6E-03	1.0E-03	1.9E-04	1.6E-01	5.5E-03	1.6E-07	4.4E+00
538	0.14	1.4E-07	1.8E+01	8.6E-03	1.0E-03	1.6E-04	1.6E-01	5.5E-03	1.4E-07	4.0E+00
539	0.12	1.2E-07	1.6E+01	8.6E-03	1.0E-03	1.4E-04	1.6E-01	5.5E-03	1.2E-07	3.7E+00
540	0.11	1.1E-07	1.4E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	5.5E-03	1.1E-07	3.3E+00
541	0.09	9.4E-08	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-03	9.4E-08	3.0E+00
542	0.02	2.5E-08	3.2E+00	8.6E-03	1.0E-03	2.9E-05	1.6E-01	5.5E-03	2.5E-08	1.2E+01
543	0.03	2.8E-08	3.7E+00	8.6E-03	1.0E-03	3.3E-05	1.6E-01	5.5E-03	2.8E-08	1.4E+01
544	0.03	3.3E-08	4.3E+00	8.6E-03	1.0E-03	3.9E-05	1.6E-01	5.5E-03	3.3E-08	1.6E+01
545	0.04	4.0E-08	5.1E+00	8.6E-03	1.0E-03	4.6E-05	1.6E-01	5.5E-03	4.0E-08	1.8E+01
546	0.05	4.8E-08	6.3E+00	8.6E-03	1.0E-03	5.6E-05	1.6E-01	5.5E-03	4.8E-08	2.0E+01
547	0.43	4.3E-07	5.6E+01	8.6E-03	1.0E-03	5.0E-04	1.6E-01	5.5E-03	4.3E-07	6.9E+00
548	0.35	3.5E-07	4.5E+01	8.6E-03	1.0E-03	4.0E-04	1.6E-01	5.5E-03	3.5E-07	6.2E+00
549	0.28	2.8E-07	3.7E+01	8.6E-03	1.0E-03	3.3E-04	1.6E-01	5.5E-03	2.8E-07	5.5E+00
550	0.24	2.4E-07	3.1E+01	8.6E-03	1.0E-03	2.7E-04	1.6E-01	5.5E-03	2.4E-07	5.0E+00
551	0.19	1.9E-07	2.5E+01	8.6E-03	1.0E-03	2.3E-04	1.6E-01	5.5E-03	1.9E-07	4.5E+00
552	0.16	1.6E-07	2.1E+01	8.6E-03	1.0E-03	1.9E-04	1.6E-01	5.5E-03	1.6E-07	4.0E+00
553	0.14	1.4E-07	1.9E+01	8.6E-03	1.0E-03	1.7E-04	1.6E-01	5.5E-03	1.4E-07	3.7E+00
554	0.12	1.2E-07	1.6E+01	8.6E-03	1.0E-03	1.4E-04	1.6E-01	5.5E-03	1.2E-07	3.4E+00
555	0.11	1.1E-07	1.4E+01	8.6E-03	1.0E-03	1.3E-04	1.6E-01	5.5E-03	1.1E-07	3.1E+00
556	0.09	9.4E-08	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-03	9.4E-08	2.9E+00
557	0.02	2.5E-08	3.2E+00	8.6E-03	1.0E-03	2.9E-05	1.6E-01	5.5E-03	2.5E-08	9.6E+00
558	0.03	2.9E-08	3.7E+00	8.6E-03	1.0E-03	3.4E-05	1.6E-01	5.5E-03	2.9E-08	1.1E+01
559	0.03	3.4E-08	4.4E+00	8.6E-03	1.0E-03	3.9E-05	1.6E-01	5.5E-03	3.4E-08	1.3E+01
560	0.04	4.1E-08	5.3E+00	8.6E-03	1.0E-03	4.7E-05	1.6E-01	5.5E-03	4.1E-08	1.4E+01
561	0.05	5.0E-08	6.4E+00	8.6E-03	1.0E-03	5.8E-05	1.6E-01	5.5E-03	5.0E-08	1.5E+01
562	0.39	3.9E-07	5.1E+01	8.6E-03	1.0E-03	4.6E-04	1.6E-01	5.5E-03	3.9E-07	5.7E+00
563	0.32	3.2E-07	4.1E+01	8.6E-03	1.0E-03	3.7E-04	1.6E-01	5.5E-03	3.2E-07	5.1E+00
564	0.26	2.6E-07	3.3E+01	8.6E-03	1.0E-03	3.0E-04	1.6E-01	5.5E-03	2.6E-07	4.6E+00
565	0.20	2.0E-07	2.5E+01	8.6E-03	1.0E-03	2.3E-04	1.6E-01	5.5E-03	2.0E-07	4.1E+00
566	0.16	1.6E-07	2.1E+01	8.6E-03	1.0E-03	1.9E-04	1.6E-01	5.5E-03	1.6E-07	3.7E+00
567	0.14	1.4E-07	1.8E+01	8.6E-03	1.0E-03	1.6E-04	1.6E-01	5.5E-03	1.4E-07	3.4E+00
568	0.12	1.2E-07	1.5E+01	8.6E-03	1.0E-03	1.4E-04	1.6E-01	5.5E-03	1.2E-07	3.1E+00
569	0.10	1.0E-07	1.3E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	5.5E-03	1.0E-07	2.9E+00
570	0.09	9.1E-08	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-03	9.1E-08	2.7E+00
571	0.03	2.5E-08	3.3E+00	8.6E-03	1.0E-03	2.9E-05	1.6E-01	5.5E-03	2.5E-08	8.2E+00
572	0.03	2.9E-08	3.8E+00	8.6E-03	1.0E-03	3.4E-05	1.6E-01	5.5E-03	2.9E-08	9.3E+00
573	0.03	3.4E-08	4.4E+00	8.6E-03	1.0E-03	4.0E-05	1.6E-01	5.5E-03	3.4E-08	1.0E+01
574	0.04	4.1E-08	5.4E+00	8.6E-03	1.0E-03	4.8E-05	1.6E-01	5.5E-03	4.1E-08	1.1E+01
575	0.05	5.0E-08	6.5E+00	8.6E-03	1.0E-03	5.8E-05	1.6E-01	5.5E-03	5.0E-08	1.2E+01
576	0.37	3.7E-07	4.7E+01	8.6E-03	1.0E-03	4.2E-04	1.6E-01	5.5E-03	3.7E-07	4.8E+00
577	0.29	2.9E-07	3.8E+01	8.6E-03	1.0E-03	3.4E-04	1.6E-01	5.5E-03	2.9E-07	4.3E+00
578	0.23	2.3E-07	2.9E+01	8.6E-03	1.0E-03	2.6E-04	1.6E-01	5.5E-03	2.3E-07	3.9E+00
579	0.18	1.8E-07	2.4E+01	8.6E-03	1.0E-03	2.1E-04	1.6E-01	5.5E-03	1.8E-07	3.6E+00
580	0.15	1.5E-07	2.0E+01	8.6E-03	1.0E-03	1.8E-04	1.6E-01	5.5E-03	1.5E-07	3.3E+00
581	0.12	1.2E-07	1.6E+01	8.6E-03	1.0E-03	1.4E-04	1.6E-01	5.5E-03	1.2E-07	3.0E+00
582	0.10	1.0E-07	1.3E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	5.5E-03	1.0E-07	2.7E+00

583	0.09	8.8E-08	1.1E+01	8.6E-03	1.0E-03	1.0E-04	1.6E-01	5.5E-03	8.8E-08	2.5E+00
584	0.03	2.5E-08	3.3E+00	8.6E-03	1.0E-03	2.9E-05	1.6E-01	5.5E-03	2.5E-08	7.0E+00
585	0.03	2.9E-08	3.8E+00	8.6E-03	1.0E-03	3.4E-05	1.6E-01	5.5E-03	2.9E-08	7.8E+00
586	0.03	3.5E-08	4.5E+00	8.6E-03	1.0E-03	4.0E-05	1.6E-01	5.5E-03	3.5E-08	8.5E+00
587	0.04	4.1E-08	5.4E+00	8.6E-03	1.0E-03	4.8E-05	1.6E-01	5.5E-03	4.1E-08	9.1E+00
588	0.05	5.0E-08	6.5E+00	8.6E-03	1.0E-03	5.9E-05	1.6E-01	5.5E-03	5.0E-08	9.7E+00
589	0.34	3.4E-07	4.4E+01	8.6E-03	1.0E-03	4.0E-04	1.6E-01	5.5E-03	3.4E-07	4.1E+00
590	0.27	2.7E-07	3.5E+01	8.6E-03	1.0E-03	3.2E-04	1.6E-01	5.5E-03	2.7E-07	3.8E+00
591	0.22	2.2E-07	2.8E+01	8.6E-03	1.0E-03	2.5E-04	1.6E-01	5.5E-03	2.2E-07	3.5E+00
592	0.17	1.7E-07	2.2E+01	8.6E-03	1.0E-03	2.0E-04	1.6E-01	5.5E-03	1.7E-07	3.2E+00
593	0.14	1.4E-07	1.8E+01	8.6E-03	1.0E-03	1.6E-04	1.6E-01	5.5E-03	1.4E-07	2.9E+00
594	0.11	1.1E-07	1.4E+01	8.6E-03	1.0E-03	1.3E-04	1.6E-01	5.5E-03	1.1E-07	2.7E+00
595	0.09	9.0E-08	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-03	9.0E-08	2.4E+00
596	0.02	2.5E-08	3.2E+00	8.6E-03	1.0E-03	2.9E-05	1.6E-01	5.5E-03	2.5E-08	6.0E+00
597	0.03	2.9E-08	3.8E+00	8.6E-03	1.0E-03	3.4E-05	1.6E-01	5.5E-03	2.9E-08	6.6E+00
598	0.03	3.4E-08	4.4E+00	8.6E-03	1.0E-03	4.0E-05	1.6E-01	5.5E-03	3.4E-08	7.1E+00
599	0.04	4.1E-08	5.3E+00	8.6E-03	1.0E-03	4.7E-05	1.6E-01	5.5E-03	4.1E-08	7.6E+00
600	0.05	5.0E-08	6.4E+00	8.6E-03	1.0E-03	5.8E-05	1.6E-01	5.5E-03	5.0E-08	8.0E+00
601	0.29	2.9E-07	3.8E+01	8.6E-03	1.0E-03	3.4E-04	1.6E-01	5.5E-03	2.9E-07	3.5E+00
602	0.22	2.2E-07	2.9E+01	8.6E-03	1.0E-03	2.6E-04	1.6E-01	5.5E-03	2.2E-07	3.3E+00
603	0.17	1.7E-07	2.2E+01	8.6E-03	1.0E-03	2.0E-04	1.6E-01	5.5E-03	1.7E-07	3.0E+00
604	0.14	1.4E-07	1.8E+01	8.6E-03	1.0E-03	1.6E-04	1.6E-01	5.5E-03	1.4E-07	2.8E+00
605	0.11	1.1E-07	1.5E+01	8.6E-03	1.0E-03	1.3E-04	1.6E-01	5.5E-03	1.1E-07	2.6E+00
606	0.09	9.1E-08	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-03	9.1E-08	2.4E+00
607	0.02	2.5E-08	3.2E+00	8.6E-03	1.0E-03	2.9E-05	1.6E-01	5.5E-03	2.5E-08	5.2E+00
608	0.03	2.9E-08	3.7E+00	8.6E-03	1.0E-03	3.3E-05	1.6E-01	5.5E-03	2.9E-08	5.7E+00
609	0.03	3.4E-08	4.3E+00	8.6E-03	1.0E-03	3.9E-05	1.6E-01	5.5E-03	3.4E-08	6.1E+00
610	0.04	4.0E-08	5.2E+00	8.6E-03	1.0E-03	4.6E-05	1.6E-01	5.5E-03	4.0E-08	6.5E+00
611	0.05	4.8E-08	6.2E+00	8.6E-03	1.0E-03	5.6E-05	1.6E-01	5.5E-03	4.8E-08	6.8E+00
612	0.30	3.0E-07	3.8E+01	8.6E-03	1.0E-03	3.4E-04	1.6E-01	5.5E-03	3.0E-07	3.3E+00
613	0.22	2.2E-07	2.8E+01	8.6E-03	1.0E-03	2.6E-04	1.6E-01	5.5E-03	2.2E-07	3.1E+00
614	0.17	1.7E-07	2.2E+01	8.6E-03	1.0E-03	1.9E-04	1.6E-01	5.5E-03	1.7E-07	2.9E+00
615	0.13	1.3E-07	1.7E+01	8.6E-03	1.0E-03	1.5E-04	1.6E-01	5.5E-03	1.3E-07	2.7E+00
616	0.11	1.1E-07	1.4E+01	8.6E-03	1.0E-03	1.3E-04	1.6E-01	5.5E-03	1.1E-07	2.5E+00
617	0.09	8.8E-08	1.1E+01	8.6E-03	1.0E-03	1.0E-04	1.6E-01	5.5E-03	8.8E-08	2.3E+00
618	0.02	2.4E-08	3.1E+00	8.6E-03	1.0E-03	2.8E-05	1.6E-01	5.5E-03	2.4E-08	4.6E+00
619	0.03	2.8E-08	3.6E+00	8.6E-03	1.0E-03	3.2E-05	1.6E-01	5.5E-03	2.8E-08	4.9E+00
620	0.03	3.3E-08	4.2E+00	8.6E-03	1.0E-03	3.8E-05	1.6E-01	5.5E-03	3.3E-08	5.3E+00
621	0.04	3.8E-08	5.0E+00	8.6E-03	1.0E-03	4.5E-05	1.6E-01	5.5E-03	3.8E-08	5.6E+00
622	0.05	4.6E-08	6.0E+00	8.6E-03	1.0E-03	5.4E-05	1.6E-01	5.5E-03	4.6E-08	5.8E+00
623	0.28	2.8E-07	3.6E+01	8.6E-03	1.0E-03	3.2E-04	1.6E-01	5.5E-03	2.8E-07	3.1E+00
624	0.20	2.0E-07	2.6E+01	8.6E-03	1.0E-03	2.4E-04	1.6E-01	5.5E-03	2.0E-07	2.9E+00
625	0.16	1.6E-07	2.0E+01	8.6E-03	1.0E-03	1.8E-04	1.6E-01	5.5E-03	1.6E-07	2.7E+00
626	0.12	1.2E-07	1.6E+01	8.6E-03	1.0E-03	1.4E-04	1.6E-01	5.5E-03	1.2E-07	2.5E+00
627	0.10	1.0E-07	1.3E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	5.5E-03	1.0E-07	2.4E+00
628	0.08	8.4E-08	1.1E+01	8.6E-03	1.0E-03	9.8E-05	1.6E-01	5.5E-03	8.4E-08	2.2E+00
629	0.02	2.3E-08	3.0E+00	8.6E-03	1.0E-03	2.7E-05	1.6E-01	5.5E-03	2.3E-08	4.1E+00
630	0.03	2.7E-08	3.5E+00	8.6E-03	1.0E-03	3.1E-05	1.6E-01	5.5E-03	2.7E-08	4.3E+00
631	0.03	3.1E-08	4.0E+00	8.6E-03	1.0E-03	3.6E-05	1.6E-01	5.5E-03	3.1E-08	4.6E+00

632	0.04	3.7E-08	4.7E+00	8.6E-03	1.0E-03	4.3E-05	1.6E-01	5.5E-03	3.7E-08	4.8E+00
633	0.04	4.4E-08	5.7E+00	8.6E-03	1.0E-03	5.1E-05	1.6E-01	5.5E-03	4.4E-08	5.0E+00
634	0.24	2.4E-07	3.1E+01	8.6E-03	1.0E-03	2.8E-04	1.6E-01	5.5E-03	2.4E-07	3.0E+00
635	0.18	1.8E-07	2.3E+01	8.6E-03	1.0E-03	2.1E-04	1.6E-01	5.5E-03	1.8E-07	2.8E+00
636	0.14	1.4E-07	1.8E+01	8.6E-03	1.0E-03	1.6E-04	1.6E-01	5.5E-03	1.4E-07	2.6E+00
637	0.11	1.1E-07	1.5E+01	8.6E-03	1.0E-03	1.3E-04	1.6E-01	5.5E-03	1.1E-07	2.4E+00
638	0.09	9.4E-08	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-03	9.4E-08	2.3E+00
639	0.08	7.9E-08	1.0E+01	8.6E-03	1.0E-03	9.2E-05	1.6E-01	5.5E-03	7.9E-08	2.1E+00
640	0.02	2.2E-08	2.9E+00	8.6E-03	1.0E-03	2.6E-05	1.6E-01	5.5E-03	2.2E-08	3.6E+00
641	0.03	2.6E-08	3.3E+00	8.6E-03	1.0E-03	3.0E-05	1.6E-01	5.5E-03	2.6E-08	3.8E+00
642	0.03	3.0E-08	3.9E+00	8.6E-03	1.0E-03	3.5E-05	1.6E-01	5.5E-03	3.0E-08	4.1E+00
643	0.03	3.5E-08	4.5E+00	8.6E-03	1.0E-03	4.1E-05	1.6E-01	5.5E-03	3.5E-08	4.3E+00
644	0.04	4.2E-08	5.4E+00	8.6E-03	1.0E-03	4.8E-05	1.6E-01	5.5E-03	4.2E-08	4.4E+00
645	0.19	1.9E-07	2.5E+01	8.6E-03	1.0E-03	2.2E-04	1.6E-01	5.5E-03	1.9E-07	2.8E+00
646	0.15	1.5E-07	2.0E+01	8.6E-03	1.0E-03	1.8E-04	1.6E-01	5.5E-03	1.5E-07	2.6E+00
647	0.12	1.2E-07	1.6E+01	8.6E-03	1.0E-03	1.4E-04	1.6E-01	5.5E-03	1.2E-07	2.5E+00
648	0.10	1.0E-07	1.3E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	5.5E-03	1.0E-07	2.3E+00
649	0.09	8.5E-08	1.1E+01	8.6E-03	1.0E-03	9.9E-05	1.6E-01	5.5E-03	8.5E-08	2.2E+00
650	0.07	7.3E-08	9.4E+00	8.6E-03	1.0E-03	8.4E-05	1.6E-01	5.5E-03	7.3E-08	2.0E+00
651	0.02	2.2E-08	2.8E+00	8.6E-03	1.0E-03	2.5E-05	1.6E-01	5.5E-03	2.2E-08	3.2E+00
652	0.02	2.5E-08	3.2E+00	8.6E-03	1.0E-03	2.9E-05	1.6E-01	5.5E-03	2.5E-08	3.4E+00
653	0.03	2.8E-08	3.7E+00	8.6E-03	1.0E-03	3.3E-05	1.6E-01	5.5E-03	2.8E-08	3.6E+00
654	0.03	3.3E-08	4.3E+00	8.6E-03	1.0E-03	3.8E-05	1.6E-01	5.5E-03	3.3E-08	3.8E+00
655	0.04	3.9E-08	5.1E+00	8.6E-03	1.0E-03	4.5E-05	1.6E-01	5.5E-03	3.9E-08	3.9E+00
656	0.05	4.7E-08	6.0E+00	8.6E-03	1.0E-03	5.4E-05	1.6E-01	5.5E-03	4.7E-08	4.0E+00
657	0.06	5.7E-08	7.3E+00	8.6E-03	1.0E-03	6.6E-05	1.6E-01	5.5E-03	5.6E-08	4.1E+00
658	0.07	7.0E-08	9.1E+00	8.6E-03	1.0E-03	8.2E-05	1.6E-01	5.5E-03	7.0E-08	4.1E+00
659	0.09	8.9E-08	1.2E+01	8.6E-03	1.0E-03	1.0E-04	1.6E-01	5.5E-03	8.9E-08	4.1E+00
660	0.12	1.2E-07	1.5E+01	8.6E-03	1.0E-03	1.3E-04	1.6E-01	5.5E-03	1.2E-07	4.1E+00
661	0.15	1.5E-07	1.9E+01	8.6E-03	1.0E-03	1.7E-04	1.6E-01	5.5E-03	1.5E-07	4.0E+00
662	0.19	1.9E-07	2.4E+01	8.6E-03	1.0E-03	2.2E-04	1.6E-01	5.5E-03	1.9E-07	3.9E+00
663	0.22	2.2E-07	2.9E+01	8.6E-03	1.0E-03	2.6E-04	1.6E-01	5.5E-03	2.2E-07	3.8E+00
664	0.25	2.5E-07	3.2E+01	8.6E-03	1.0E-03	2.9E-04	1.6E-01	5.5E-03	2.5E-07	3.7E+00
665	0.26	2.6E-07	3.4E+01	8.6E-03	1.0E-03	3.1E-04	1.6E-01	5.5E-03	2.6E-07	3.6E+00
666	0.27	2.7E-07	3.5E+01	8.6E-03	1.0E-03	3.1E-04	1.6E-01	5.5E-03	2.7E-07	3.4E+00
667	0.26	2.6E-07	3.4E+01	8.6E-03	1.0E-03	3.1E-04	1.6E-01	5.5E-03	2.6E-07	3.3E+00
668	0.25	2.5E-07	3.2E+01	8.6E-03	1.0E-03	2.9E-04	1.6E-01	5.5E-03	2.5E-07	3.1E+00
669	0.22	2.2E-07	2.9E+01	8.6E-03	1.0E-03	2.6E-04	1.6E-01	5.5E-03	2.2E-07	2.9E+00
670	0.19	1.9E-07	2.4E+01	8.6E-03	1.0E-03	2.2E-04	1.6E-01	5.5E-03	1.9E-07	2.8E+00
671	0.15	1.5E-07	2.0E+01	8.6E-03	1.0E-03	1.8E-04	1.6E-01	5.5E-03	1.5E-07	2.6E+00
672	0.13	1.3E-07	1.6E+01	8.6E-03	1.0E-03	1.5E-04	1.6E-01	5.5E-03	1.3E-07	2.5E+00
673	0.11	1.1E-07	1.4E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	5.5E-03	1.1E-07	2.3E+00
674	0.09	9.0E-08	1.2E+01	8.6E-03	1.0E-03	1.0E-04	1.6E-01	5.5E-03	9.0E-08	2.2E+00
675	0.08	7.7E-08	9.9E+00	8.6E-03	1.0E-03	8.9E-05	1.6E-01	5.5E-03	7.7E-08	2.1E+00
676	0.07	6.6E-08	8.6E+00	8.6E-03	1.0E-03	7.7E-05	1.6E-01	5.5E-03	6.6E-08	1.9E+00
677	0.02	2.1E-08	2.7E+00	8.6E-03	1.0E-03	2.4E-05	1.6E-01	5.5E-03	2.1E-08	2.9E+00
678	0.02	2.3E-08	3.0E+00	8.6E-03	1.0E-03	2.7E-05	1.6E-01	5.5E-03	2.3E-08	3.1E+00
679	0.03	2.7E-08	3.5E+00	8.6E-03	1.0E-03	3.1E-05	1.6E-01	5.5E-03	2.7E-08	3.2E+00
680	0.03	3.1E-08	4.0E+00	8.6E-03	1.0E-03	3.6E-05	1.6E-01	5.5E-03	3.1E-08	3.4E+00

681	0.04	3.6E-08	4.7E+00	8.6E-03	1.0E-03	4.2E-05	1.6E-01	5.5E-03	3.6E-08	3.5E+00
682	0.04	4.2E-08	5.5E+00	8.6E-03	1.0E-03	4.9E-05	1.6E-01	5.5E-03	4.2E-08	3.6E+00
683	0.05	5.1E-08	6.5E+00	8.6E-03	1.0E-03	5.9E-05	1.6E-01	5.5E-03	5.1E-08	3.7E+00
684	0.06	6.2E-08	8.0E+00	8.6E-03	1.0E-03	7.2E-05	1.6E-01	5.5E-03	6.2E-08	3.7E+00
685	0.08	7.6E-08	9.8E+00	8.6E-03	1.0E-03	8.8E-05	1.6E-01	5.5E-03	7.6E-08	3.7E+00
686	0.09	9.4E-08	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-03	9.4E-08	3.7E+00
687	0.12	1.2E-07	1.5E+01	8.6E-03	1.0E-03	1.3E-04	1.6E-01	5.5E-03	1.2E-07	3.6E+00
688	0.14	1.4E-07	1.8E+01	8.6E-03	1.0E-03	1.6E-04	1.6E-01	5.5E-03	1.4E-07	3.6E+00
689	0.16	1.6E-07	2.1E+01	8.6E-03	1.0E-03	1.9E-04	1.6E-01	5.5E-03	1.6E-07	3.5E+00
690	0.18	1.8E-07	2.3E+01	8.6E-03	1.0E-03	2.0E-04	1.6E-01	5.5E-03	1.8E-07	3.4E+00
691	0.19	1.9E-07	2.4E+01	8.6E-03	1.0E-03	2.2E-04	1.6E-01	5.5E-03	1.9E-07	3.3E+00
692	0.19	1.9E-07	2.5E+01	8.6E-03	1.0E-03	2.2E-04	1.6E-01	5.5E-03	1.9E-07	3.1E+00
693	0.19	1.9E-07	2.4E+01	8.6E-03	1.0E-03	2.2E-04	1.6E-01	5.5E-03	1.9E-07	3.0E+00
694	0.18	1.8E-07	2.3E+01	8.6E-03	1.0E-03	2.1E-04	1.6E-01	5.5E-03	1.8E-07	2.9E+00
695	0.16	1.6E-07	2.1E+01	8.6E-03	1.0E-03	1.9E-04	1.6E-01	5.5E-03	1.6E-07	2.7E+00
696	0.14	1.4E-07	1.9E+01	8.6E-03	1.0E-03	1.7E-04	1.6E-01	5.5E-03	1.4E-07	2.6E+00
697	0.12	1.2E-07	1.6E+01	8.6E-03	1.0E-03	1.4E-04	1.6E-01	5.5E-03	1.2E-07	2.5E+00
698	0.11	1.1E-07	1.4E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	5.5E-03	1.1E-07	2.3E+00
699	0.09	9.1E-08	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-03	9.1E-08	2.2E+00
700	0.08	7.9E-08	1.0E+01	8.6E-03	1.0E-03	9.2E-05	1.6E-01	5.5E-03	7.9E-08	2.1E+00
701	0.07	6.8E-08	8.9E+00	8.6E-03	1.0E-03	8.0E-05	1.6E-01	5.5E-03	6.8E-08	2.0E+00
702	0.06	6.0E-08	7.8E+00	8.6E-03	1.0E-03	7.0E-05	1.6E-01	5.5E-03	6.0E-08	1.9E+00
703	0.02	1.9E-08	2.5E+00	8.6E-03	1.0E-03	2.3E-05	1.6E-01	5.5E-03	1.9E-08	2.7E+00
704	0.02	2.2E-08	2.9E+00	8.6E-03	1.0E-03	2.6E-05	1.6E-01	5.5E-03	2.2E-08	2.8E+00
705	0.02	2.5E-08	3.2E+00	8.6E-03	1.0E-03	2.9E-05	1.6E-01	5.5E-03	2.5E-08	2.9E+00
706	0.03	2.9E-08	3.7E+00	8.6E-03	1.0E-03	3.3E-05	1.6E-01	5.5E-03	2.9E-08	3.0E+00
707	0.03	3.3E-08	4.3E+00	8.6E-03	1.0E-03	3.8E-05	1.6E-01	5.5E-03	3.3E-08	3.1E+00
708	0.04	3.9E-08	5.0E+00	8.6E-03	1.0E-03	4.5E-05	1.6E-01	5.5E-03	3.9E-08	3.2E+00
709	0.05	4.6E-08	5.9E+00	8.6E-03	1.0E-03	5.3E-05	1.6E-01	5.5E-03	4.6E-08	3.3E+00
710	0.05	5.5E-08	7.1E+00	8.6E-03	1.0E-03	6.3E-05	1.6E-01	5.5E-03	5.5E-08	3.3E+00
711	0.06	6.5E-08	8.4E+00	8.6E-03	1.0E-03	7.5E-05	1.6E-01	5.5E-03	6.5E-08	3.3E+00
712	0.08	7.8E-08	1.0E+01	8.6E-03	1.0E-03	9.0E-05	1.6E-01	5.5E-03	7.8E-08	3.3E+00
713	0.09	9.2E-08	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-03	9.2E-08	3.3E+00
714	0.11	1.1E-07	1.4E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	5.5E-03	1.1E-07	3.3E+00
715	0.12	1.2E-07	1.6E+01	8.6E-03	1.0E-03	1.4E-04	1.6E-01	5.5E-03	1.2E-07	3.2E+00
716	0.13	1.3E-07	1.7E+01	8.6E-03	1.0E-03	1.5E-04	1.6E-01	5.5E-03	1.3E-07	3.1E+00
717	0.14	1.4E-07	1.8E+01	8.6E-03	1.0E-03	1.6E-04	1.6E-01	5.5E-03	1.4E-07	3.0E+00
718	0.14	1.4E-07	1.8E+01	8.6E-03	1.0E-03	1.6E-04	1.6E-01	5.5E-03	1.4E-07	2.9E+00
719	0.14	1.4E-07	1.8E+01	8.6E-03	1.0E-03	1.6E-04	1.6E-01	5.5E-03	1.4E-07	2.8E+00
720	0.13	1.3E-07	1.7E+01	8.6E-03	1.0E-03	1.6E-04	1.6E-01	5.5E-03	1.3E-07	2.7E+00
721	0.13	1.3E-07	1.6E+01	8.6E-03	1.0E-03	1.5E-04	1.6E-01	5.5E-03	1.3E-07	2.6E+00
722	0.11	1.1E-07	1.5E+01	8.6E-03	1.0E-03	1.3E-04	1.6E-01	5.5E-03	1.1E-07	2.4E+00
723	0.10	1.0E-07	1.3E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	5.5E-03	1.0E-07	2.3E+00
724	0.09	9.0E-08	1.2E+01	8.6E-03	1.0E-03	1.0E-04	1.6E-01	5.5E-03	9.0E-08	2.2E+00
725	0.08	7.9E-08	1.0E+01	8.6E-03	1.0E-03	9.2E-05	1.6E-01	5.5E-03	7.9E-08	2.1E+00
726	0.07	7.0E-08	9.0E+00	8.6E-03	1.0E-03	8.1E-05	1.6E-01	5.5E-03	7.0E-08	2.0E+00
727	0.06	6.1E-08	7.9E+00	8.6E-03	1.0E-03	7.1E-05	1.6E-01	5.5E-03	6.1E-08	1.9E+00
728	0.05	5.4E-08	7.0E+00	8.6E-03	1.0E-03	6.3E-05	1.6E-01	5.5E-03	5.4E-08	1.8E+00
729	0.02	1.9E-08	2.4E+00	8.6E-03	1.0E-03	2.1E-05	1.6E-01	5.5E-03	1.9E-08	2.4E+00

730	0.02	2.1E-08	2.7E+00	8.6E-03	1.0E-03	2.4E-05	1.6E-01	5.5E-03	2.1E-08	2.5E+00
731	0.02	2.3E-08	3.0E+00	8.6E-03	1.0E-03	2.7E-05	1.6E-01	5.5E-03	2.3E-08	2.6E+00
732	0.03	2.7E-08	3.5E+00	8.6E-03	1.0E-03	3.1E-05	1.6E-01	5.5E-03	2.7E-08	2.7E+00
733	0.03	3.0E-08	3.9E+00	8.6E-03	1.0E-03	3.5E-05	1.6E-01	5.5E-03	3.0E-08	2.8E+00
734	0.04	3.5E-08	4.6E+00	8.6E-03	1.0E-03	4.1E-05	1.6E-01	5.5E-03	3.5E-08	2.9E+00
735	0.04	4.1E-08	5.3E+00	8.6E-03	1.0E-03	4.7E-05	1.6E-01	5.5E-03	4.1E-08	3.0E+00
736	0.05	4.8E-08	6.2E+00	8.6E-03	1.0E-03	5.6E-05	1.6E-01	5.5E-03	4.8E-08	3.0E+00
737	0.06	5.6E-08	7.2E+00	8.6E-03	1.0E-03	6.5E-05	1.6E-01	5.5E-03	5.6E-08	3.0E+00
738	0.06	6.5E-08	8.4E+00	8.6E-03	1.0E-03	7.5E-05	1.6E-01	5.5E-03	6.5E-08	3.0E+00
739	0.07	7.5E-08	9.6E+00	8.6E-03	1.0E-03	8.7E-05	1.6E-01	5.5E-03	7.5E-08	3.0E+00
740	0.08	8.5E-08	1.1E+01	8.6E-03	1.0E-03	9.8E-05	1.6E-01	5.5E-03	8.5E-08	3.0E+00
741	0.09	9.4E-08	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-03	9.4E-08	2.9E+00
742	0.10	1.0E-07	1.3E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	5.5E-03	1.0E-07	2.9E+00
743	0.11	1.1E-07	1.4E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	5.5E-03	1.1E-07	2.8E+00
744	0.11	1.1E-07	1.4E+01	8.6E-03	1.0E-03	1.3E-04	1.6E-01	5.5E-03	1.1E-07	2.7E+00
745	0.11	1.1E-07	1.4E+01	8.6E-03	1.0E-03	1.3E-04	1.6E-01	5.5E-03	1.1E-07	2.6E+00
746	0.11	1.1E-07	1.4E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	5.5E-03	1.1E-07	2.5E+00
747	0.10	1.0E-07	1.3E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	5.5E-03	1.0E-07	2.4E+00
748	0.09	9.3E-08	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	5.5E-03	9.3E-08	2.3E+00
749	0.08	8.5E-08	1.1E+01	8.6E-03	1.0E-03	9.8E-05	1.6E-01	5.5E-03	8.5E-08	2.2E+00
750	0.08	7.6E-08	9.9E+00	8.6E-03	1.0E-03	8.9E-05	1.6E-01	5.5E-03	7.6E-08	2.1E+00
751	0.07	6.9E-08	8.9E+00	8.6E-03	1.0E-03	8.0E-05	1.6E-01	5.5E-03	6.9E-08	2.0E+00
752	0.06	6.1E-08	7.9E+00	8.6E-03	1.0E-03	7.1E-05	1.6E-01	5.5E-03	6.1E-08	1.9E+00
753	0.05	5.5E-08	7.1E+00	8.6E-03	1.0E-03	6.4E-05	1.6E-01	5.5E-03	5.5E-08	1.8E+00
754	0.05	4.9E-08	6.4E+00	8.6E-03	1.0E-03	5.7E-05	1.6E-01	5.5E-03	4.9E-08	1.7E+00
755	0.02	1.8E-08	2.3E+00	8.6E-03	1.0E-03	2.0E-05	1.6E-01	5.5E-03	1.8E-08	2.2E+00
756	0.02	1.9E-08	2.5E+00	8.6E-03	1.0E-03	2.3E-05	1.6E-01	5.5E-03	1.9E-08	2.3E+00
757	0.02	2.2E-08	2.8E+00	8.6E-03	1.0E-03	2.5E-05	1.6E-01	5.5E-03	2.2E-08	2.4E+00
758	0.02	2.5E-08	3.2E+00	8.6E-03	1.0E-03	2.9E-05	1.6E-01	5.5E-03	2.5E-08	2.5E+00
759	0.03	2.8E-08	3.6E+00	8.6E-03	1.0E-03	3.3E-05	1.6E-01	5.5E-03	2.8E-08	2.6E+00
760	0.03	3.2E-08	4.1E+00	8.6E-03	1.0E-03	3.7E-05	1.6E-01	5.5E-03	3.2E-08	2.6E+00
761	0.04	3.7E-08	4.7E+00	8.6E-03	1.0E-03	4.3E-05	1.6E-01	5.5E-03	3.7E-08	2.7E+00
762	0.04	4.2E-08	5.5E+00	8.6E-03	1.0E-03	4.9E-05	1.6E-01	5.5E-03	4.2E-08	2.7E+00
763	0.05	4.8E-08	6.2E+00	8.6E-03	1.0E-03	5.6E-05	1.6E-01	5.5E-03	4.8E-08	2.8E+00
764	0.05	5.5E-08	7.1E+00	8.6E-03	1.0E-03	6.4E-05	1.6E-01	5.5E-03	5.5E-08	2.8E+00
765	0.06	6.2E-08	8.0E+00	8.6E-03	1.0E-03	7.2E-05	1.6E-01	5.5E-03	6.2E-08	2.7E+00
766	0.07	6.9E-08	8.9E+00	8.6E-03	1.0E-03	8.0E-05	1.6E-01	5.5E-03	6.9E-08	2.7E+00
767	0.08	7.6E-08	9.8E+00	8.6E-03	1.0E-03	8.8E-05	1.6E-01	5.5E-03	7.6E-08	2.7E+00
768	0.08	8.1E-08	1.0E+01	8.6E-03	1.0E-03	9.4E-05	1.6E-01	5.5E-03	8.1E-08	2.6E+00
769	0.08	8.5E-08	1.1E+01	8.6E-03	1.0E-03	9.9E-05	1.6E-01	5.5E-03	8.5E-08	2.6E+00
770	0.09	8.7E-08	1.1E+01	8.6E-03	1.0E-03	1.0E-04	1.6E-01	5.5E-03	8.7E-08	2.5E+00
771	0.09	8.8E-08	1.1E+01	8.6E-03	1.0E-03	1.0E-04	1.6E-01	5.5E-03	8.8E-08	2.4E+00
772	0.09	8.7E-08	1.1E+01	8.6E-03	1.0E-03	1.0E-04	1.6E-01	5.5E-03	8.7E-08	2.3E+00
773	0.08	8.3E-08	1.1E+01	8.6E-03	1.0E-03	9.7E-05	1.6E-01	5.5E-03	8.3E-08	2.2E+00
774	0.08	7.7E-08	1.0E+01	8.6E-03	1.0E-03	9.0E-05	1.6E-01	5.5E-03	7.7E-08	2.2E+00
775	0.07	7.2E-08	9.3E+00	8.6E-03	1.0E-03	8.3E-05	1.6E-01	5.5E-03	7.2E-08	2.1E+00
776	0.07	6.6E-08	8.5E+00	8.6E-03	1.0E-03	7.7E-05	1.6E-01	5.5E-03	6.6E-08	2.0E+00
777	0.06	6.0E-08	7.8E+00	8.6E-03	1.0E-03	7.0E-05	1.6E-01	5.5E-03	6.0E-08	1.9E+00
778	0.05	5.5E-08	7.1E+00	8.6E-03	1.0E-03	6.3E-05	1.6E-01	5.5E-03	5.5E-08	1.8E+00

779	0.05	4.9E-08	6.4E+00	8.6E-03	1.0E-03	5.7E-05	1.6E-01	5.5E-03	4.9E-08	1.7E+00
780	0.04	4.5E-08	5.8E+00	8.6E-03	1.0E-03	5.2E-05	1.6E-01	5.5E-03	4.5E-08	1.6E+00
781	0.02	1.7E-08	2.1E+00	8.6E-03	1.0E-03	1.9E-05	1.6E-01	5.5E-03	1.7E-08	2.0E+00
782	0.02	1.8E-08	2.4E+00	8.6E-03	1.0E-03	2.1E-05	1.6E-01	5.5E-03	1.8E-08	2.1E+00
783	0.02	2.0E-08	2.6E+00	8.6E-03	1.0E-03	2.4E-05	1.6E-01	5.5E-03	2.0E-08	2.2E+00
784	0.02	2.3E-08	3.0E+00	8.6E-03	1.0E-03	2.7E-05	1.6E-01	5.5E-03	2.3E-08	2.3E+00
785	0.03	2.6E-08	3.3E+00	8.6E-03	1.0E-03	3.0E-05	1.6E-01	5.5E-03	2.6E-08	2.4E+00
786	0.03	2.9E-08	3.8E+00	8.6E-03	1.0E-03	3.4E-05	1.6E-01	5.5E-03	2.9E-08	2.4E+00
787	0.03	3.3E-08	4.3E+00	8.6E-03	1.0E-03	3.8E-05	1.6E-01	5.5E-03	3.3E-08	2.5E+00
788	0.04	3.7E-08	4.8E+00	8.6E-03	1.0E-03	4.3E-05	1.6E-01	5.5E-03	3.7E-08	2.5E+00
789	0.04	4.2E-08	5.4E+00	8.6E-03	1.0E-03	4.9E-05	1.6E-01	5.5E-03	4.2E-08	2.5E+00
790	0.05	4.7E-08	6.1E+00	8.6E-03	1.0E-03	5.5E-05	1.6E-01	5.5E-03	4.7E-08	2.5E+00
791	0.05	5.2E-08	6.8E+00	8.6E-03	1.0E-03	6.1E-05	1.6E-01	5.5E-03	5.2E-08	2.5E+00
792	0.06	5.8E-08	7.5E+00	8.6E-03	1.0E-03	6.7E-05	1.6E-01	5.5E-03	5.8E-08	2.5E+00
793	0.06	6.3E-08	8.1E+00	8.6E-03	1.0E-03	7.3E-05	1.6E-01	5.5E-03	6.3E-08	2.5E+00
794	0.07	6.6E-08	8.6E+00	8.6E-03	1.0E-03	7.7E-05	1.6E-01	5.5E-03	6.6E-08	2.4E+00
795	0.07	7.0E-08	9.0E+00	8.6E-03	1.0E-03	8.1E-05	1.6E-01	5.5E-03	7.0E-08	2.4E+00
796	0.07	7.2E-08	9.3E+00	8.6E-03	1.0E-03	8.3E-05	1.6E-01	5.5E-03	7.2E-08	2.3E+00
797	0.07	7.3E-08	9.4E+00	8.6E-03	1.0E-03	8.5E-05	1.6E-01	5.5E-03	7.3E-08	2.3E+00
798	0.07	7.2E-08	9.3E+00	8.6E-03	1.0E-03	8.4E-05	1.6E-01	5.5E-03	7.2E-08	2.2E+00
799	0.07	7.0E-08	9.0E+00	8.6E-03	1.0E-03	8.1E-05	1.6E-01	5.5E-03	7.0E-08	2.1E+00
800	0.07	6.6E-08	8.5E+00	8.6E-03	1.0E-03	7.6E-05	1.6E-01	5.5E-03	6.6E-08	2.0E+00
801	0.06	6.2E-08	8.0E+00	8.6E-03	1.0E-03	7.1E-05	1.6E-01	5.5E-03	6.2E-08	1.9E+00
802	0.06	5.7E-08	7.4E+00	8.6E-03	1.0E-03	6.7E-05	1.6E-01	5.5E-03	5.7E-08	1.9E+00
803	0.05	5.3E-08	6.9E+00	8.6E-03	1.0E-03	6.2E-05	1.6E-01	5.5E-03	5.3E-08	1.8E+00
804	0.05	4.9E-08	6.3E+00	8.6E-03	1.0E-03	5.7E-05	1.6E-01	5.5E-03	4.9E-08	1.7E+00
805	0.04	4.5E-08	5.8E+00	8.6E-03	1.0E-03	5.2E-05	1.6E-01	5.5E-03	4.5E-08	1.6E+00
806	0.04	4.1E-08	5.3E+00	8.6E-03	1.0E-03	4.7E-05	1.6E-01	5.5E-03	4.1E-08	1.6E+00

Franklin School Project

Risk From New Building Demo (Port. 2) - Unmitigated Residential

Haul Route 1A							Haul Route 2A							
g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec
1.9E-07	1.0E-03	6.4E-11	1.6E-01	5.5E-03	5.5E-14	3.4E-01	6.0E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13	3.4E-01	1.2E-06
1.9E-07	1.0E-03	7.2E-11	1.6E-01	5.5E-03	6.2E-14	3.9E-01	6.0E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-03	2.1E-13	3.9E-01	1.2E-06
1.9E-07	1.0E-03	8.2E-11	1.6E-01	5.5E-03	7.0E-14	4.5E-01	6.0E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-03	2.4E-13	4.5E-01	1.2E-06
1.9E-07	1.0E-03	9.2E-11	1.6E-01	5.5E-03	7.9E-14	5.2E-01	6.0E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-03	2.8E-13	5.2E-01	1.2E-06
1.9E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.7E-14	5.8E-01	6.0E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-03	3.1E-13	5.8E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.5E-14	6.5E-01	6.0E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-03	3.5E-13	6.5E-01	1.2E-06
1.9E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13	7.1E-01	6.0E-07	1.0E-03	4.4E-10	1.6E-01	5.5E-03	3.8E-13	7.1E-01	1.2E-06
1.9E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	7.7E-01	6.0E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-03	4.2E-13	7.7E-01	1.2E-06
1.9E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13	8.4E-01	6.0E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-03	4.5E-13	8.4E-01	1.2E-06
1.9E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13	9.2E-01	6.0E-07	1.0E-03	5.8E-10	1.6E-01	5.5E-03	5.0E-13	9.2E-01	1.2E-06
1.9E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.4E-13	9.9E-01	6.0E-07	1.0E-03	6.2E-10	1.6E-01	5.5E-03	5.4E-13	9.9E-01	1.2E-06
1.9E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.4E-13	1.0E+00	6.0E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-03	5.6E-13	1.0E+00	1.2E-06
1.9E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13	1.0E+00	6.0E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-03	5.6E-13	1.0E+00	1.2E-06
1.9E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.4E-13	1.0E+00	6.0E-07	1.0E-03	6.3E-10	1.6E-01	5.5E-03	5.5E-13	1.0E+00	1.2E-06
1.9E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.4E-13	9.5E-01	6.0E-07	1.0E-03	6.0E-10	1.6E-01	5.5E-03	5.1E-13	9.5E-01	1.2E-06
1.9E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13	8.8E-01	6.0E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-03	4.7E-13	8.8E-01	1.2E-06
1.9E-07	1.0E-03	7.5E-11	1.6E-01	5.5E-03	6.4E-14	3.9E-01	6.0E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-03	2.1E-13	3.9E-01	1.2E-06
1.9E-07	1.0E-03	8.7E-11	1.6E-01	5.5E-03	7.5E-14	4.7E-01	6.0E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-03	2.5E-13	4.7E-01	1.2E-06
1.9E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.7E-14	5.5E-01	6.0E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-03	3.0E-13	5.5E-01	1.2E-06
1.9E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13	6.5E-01	6.0E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-03	3.5E-13	6.5E-01	1.2E-06
1.9E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	7.6E-01	6.0E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-03	4.1E-13	7.6E-01	1.2E-06
1.9E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13	8.7E-01	6.0E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-03	4.7E-13	8.7E-01	1.2E-06
1.9E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.4E-13	9.7E-01	6.0E-07	1.0E-03	6.1E-10	1.6E-01	5.5E-03	5.3E-13	9.7E-01	1.2E-06
1.9E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13	1.1E+00	6.0E-07	1.0E-03	6.8E-10	1.6E-01	5.5E-03	5.9E-13	1.1E+00	1.2E-06
1.9E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-03	1.6E-13	1.2E+00	6.0E-07	1.0E-03	7.6E-10	1.6E-01	5.5E-03	6.5E-13	1.2E+00	1.2E-06
1.9E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13	1.3E+00	6.0E-07	1.0E-03	8.4E-10	1.6E-01	5.5E-03	7.2E-13	1.3E+00	1.2E-06
1.9E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-03	1.9E-13	1.4E+00	6.0E-07	1.0E-03	8.9E-10	1.6E-01	5.5E-03	7.7E-13	1.4E+00	1.2E-06
1.9E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-03	1.9E-13	1.4E+00	6.0E-07	1.0E-03	9.0E-10	1.6E-01	5.5E-03	7.7E-13	1.4E+00	1.2E-06
1.9E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-03	1.9E-13	1.4E+00	6.0E-07	1.0E-03	8.7E-10	1.6E-01	5.5E-03	7.5E-13	1.4E+00	1.2E-06
1.9E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13	1.3E+00	6.0E-07	1.0E-03	8.0E-10	1.6E-01	5.5E-03	6.9E-13	1.3E+00	1.2E-06
1.9E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-03	1.6E-13	1.2E+00	6.0E-07	1.0E-03	7.2E-10	1.6E-01	5.5E-03	6.2E-13	1.2E+00	1.2E-06
1.9E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13	1.0E+00	6.0E-07	1.0E-03	6.4E-10	1.6E-01	5.5E-03	5.5E-13	1.0E+00	1.2E-06
1.9E-07	1.0E-03	8.8E-11	1.6E-01	5.5E-03	7.5E-14	4.5E-01	6.0E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-03	2.5E-13	4.5E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.0E-14	5.6E-01	6.0E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-03	3.0E-13	5.6E-01	1.2E-06
1.9E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	6.9E-01	6.0E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-03	3.7E-13	6.9E-01	1.2E-06
1.9E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13	8.5E-01	6.0E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-03	4.6E-13	8.5E-01	1.2E-06
1.9E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.5E-13	1.0E+00	6.0E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-03	5.6E-13	1.0E+00	1.2E-06
1.9E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-03	1.7E-13	1.2E+00	6.0E-07	1.0E-03	7.8E-10	1.6E-01	5.5E-03	6.7E-13	1.2E+00	1.2E-06
1.9E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	1.9E-13	1.4E+00	6.0E-07	1.0E-03	9.0E-10	1.6E-01	5.5E-03	7.8E-13	1.4E+00	1.2E-06
1.9E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-03	2.2E-13	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.9E-13	1.6E+00	1.2E-06
1.9E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-03	2.4E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-03	2.6E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-03	2.7E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	2.1E+00	1.2E-06

1.9E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-03	2.6E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-03	2.4E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.7E-13	1.8E+00	1.2E-06
1.9E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-03	2.2E-13	1.6E+00	6.0E-07	1.0E-03	9.9E-10	1.6E-01	5.5E-03	8.5E-13	1.6E+00	1.2E-06
1.9E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-03	1.9E-13	1.3E+00	6.0E-07	1.0E-03	8.4E-10	1.6E-01	5.5E-03	7.3E-13	1.3E+00	1.2E-06
1.9E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-03	1.7E-13	1.1E+00	6.0E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-03	6.2E-13	1.1E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.9E-14	5.2E-01	6.0E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-03	2.8E-13	5.2E-01	1.2E-06
1.9E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	6.6E-01	6.0E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-03	3.6E-13	6.6E-01	1.2E-06
1.9E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.4E-13	8.6E-01	6.0E-07	1.0E-03	5.4E-10	1.6E-01	5.5E-03	4.6E-13	8.6E-01	1.2E-06
1.9E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-03	1.7E-13	1.1E+00	6.0E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-03	6.1E-13	1.1E+00	1.2E-06
1.9E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-03	2.1E-13	1.5E+00	6.0E-07	1.0E-03	9.3E-10	1.6E-01	5.5E-03	8.0E-13	1.5E+00	1.2E-06
1.9E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-03	2.6E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-03	3.0E-13	2.3E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	4.0E-10	1.6E-01	5.5E-03	3.4E-13	2.8E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	2.8E+00	1.2E-06
1.9E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-03	3.9E-13	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	3.2E+00	1.2E-06
1.9E-07	1.0E-03	4.7E-10	1.6E-01	5.5E-03	4.1E-13	3.4E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12	3.4E+00	1.2E-06
1.9E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-03	3.9E-13	3.1E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	3.1E+00	1.2E-06
1.9E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-03	3.5E-13	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	2.7E+00	1.2E-06
1.9E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-03	3.1E-13	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-03	2.6E-13	1.8E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	9.9E-13	1.8E+00	1.2E-06
1.9E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-03	2.2E-13	1.5E+00	6.0E-07	1.0E-03	9.4E-10	1.6E-01	5.5E-03	8.1E-13	1.5E+00	1.2E-06
1.9E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13	1.2E+00	6.0E-07	1.0E-03	7.6E-10	1.6E-01	5.5E-03	6.6E-13	1.2E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13	5.9E-01	6.0E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-03	3.2E-13	5.9E-01	1.2E-06
1.9E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13	7.8E-01	6.0E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-03	4.2E-13	7.8E-01	1.2E-06
1.9E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13	1.1E+00	6.0E-07	1.0E-03	6.7E-10	1.6E-01	5.5E-03	5.8E-13	1.1E+00	1.2E-06
1.9E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-03	2.4E-13	1.5E+00	6.0E-07	1.0E-03	9.6E-10	1.6E-01	5.5E-03	8.2E-13	1.5E+00	1.2E-06
1.9E-07	1.0E-03	3.8E-10	1.6E-01	5.5E-03	3.2E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-03	4.2E-13	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12	3.3E+00	1.2E-06
1.9E-07	1.0E-03	6.1E-10	1.6E-01	5.5E-03	5.2E-13	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12	4.5E+00	1.2E-06
1.9E-07	1.0E-03	7.3E-10	1.6E-01	5.5E-03	6.2E-13	5.6E+00	6.0E-07	1.0E-03	3.5E-09	1.6E-01	5.5E-03	3.0E-12	5.6E+00	1.2E-06
1.9E-07	1.0E-03	7.8E-10	1.6E-01	5.5E-03	6.8E-13	6.2E+00	6.0E-07	1.0E-03	3.9E-09	1.6E-01	5.5E-03	3.3E-12	6.2E+00	1.2E-06
1.9E-07	1.0E-03	7.4E-10	1.6E-01	5.5E-03	6.4E-13	5.6E+00	6.0E-07	1.0E-03	3.5E-09	1.6E-01	5.5E-03	3.0E-12	5.6E+00	1.2E-06
1.9E-07	1.0E-03	6.4E-10	1.6E-01	5.5E-03	5.5E-13	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12	4.5E+00	1.2E-06
1.9E-07	1.0E-03	5.2E-10	1.6E-01	5.5E-03	4.5E-13	3.4E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	3.4E+00	1.2E-06
1.9E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-03	3.6E-13	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	2.6E+00	1.2E-06
1.9E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-03	2.9E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-03	2.3E-13	1.5E+00	6.0E-07	1.0E-03	9.7E-10	1.6E-01	5.5E-03	8.4E-13	1.5E+00	1.2E-06
1.9E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-03	1.9E-13	1.2E+00	6.0E-07	1.0E-03	7.7E-10	1.6E-01	5.5E-03	6.6E-13	1.2E+00	1.2E-06
1.9E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13	6.5E-01	6.0E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-03	3.5E-13	6.5E-01	1.2E-06
1.9E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.6E-13	8.8E-01	6.0E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-03	4.8E-13	8.8E-01	1.2E-06
1.9E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-03	2.3E-13	1.3E+00	6.0E-07	1.0E-03	8.1E-10	1.6E-01	5.5E-03	6.9E-13	1.3E+00	1.2E-06
1.9E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-03	3.4E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	6.1E-10	1.6E-01	5.5E-03	5.3E-13	3.5E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	3.5E+00	1.2E-06
1.9E-07	1.0E-03	9.5E-10	1.6E-01	5.5E-03	8.1E-13	6.5E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	5.5E-03	3.5E-12	6.5E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	1.1E+01	6.0E-07	1.0E-03	7.1E-09	1.6E-01	5.5E-03	6.1E-12	1.1E+01	1.2E-06
1.9E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	1.5E+01	6.0E-07	1.0E-03	9.4E-09	1.6E-01	5.5E-03	8.1E-12	1.5E+01	1.2E-06
1.9E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	1.3E+01	6.0E-07	1.0E-03	8.1E-09	1.6E-01	5.5E-03	7.0E-12	1.3E+01	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.6E-13	8.7E+00	6.0E-07	1.0E-03	5.5E-09	1.6E-01	5.5E-03	4.7E-12	8.7E+00	1.2E-06
1.9E-07	1.0E-03	8.3E-10	1.6E-01	5.5E-03	7.1E-13	5.7E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-03	3.1E-12	5.7E+00	1.2E-06
1.9E-07	1.0E-03	6.1E-10	1.6E-01	5.5E-03	5.3E-13	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12	3.9E+00	1.2E-06

1.9E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-03	3.9E-13	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	2.7E+00	1.2E-06
1.9E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-03	3.0E-13	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-03	2.3E-13	1.5E+00	6.0E-07	1.0E-03	9.4E-10	1.6E-01	5.5E-03	8.1E-13	1.5E+00	1.2E-06
1.9E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13	1.2E+00	6.0E-07	1.0E-03	7.2E-10	1.6E-01	5.5E-03	6.2E-13	1.2E+00	1.2E-06
1.9E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13	6.8E-01	6.0E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-03	3.7E-13	6.8E-01	1.2E-06
1.9E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13	9.5E-01	6.0E-07	1.0E-03	5.9E-10	1.6E-01	5.5E-03	5.1E-13	9.5E-01	1.2E-06
1.9E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-03	2.8E-13	1.4E+00	6.0E-07	1.0E-03	9.1E-10	1.6E-01	5.5E-03	7.8E-13	1.4E+00	1.2E-06
1.9E-07	1.0E-03	5.4E-10	1.6E-01	5.5E-03	4.6E-13	2.5E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.9E-13	5.0E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-03	2.7E-12	5.0E+00	1.2E-06
1.9E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	1.4E+01	6.0E-07	1.0E-03	8.9E-09	1.6E-01	5.5E-03	7.7E-12	1.4E+01	1.2E-06
1.9E-07	1.0E-03	4.7E-09	1.6E-01	5.5E-03	4.0E-12	5.4E+01	6.0E-07	1.0E-03	3.4E-08	1.6E-01	5.5E-03	2.9E-11	5.4E+01	1.2E-06
1.9E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-03	3.4E-12	6.1E+01	6.0E-07	1.0E-03	3.8E-08	1.6E-01	5.5E-03	3.3E-11	6.1E+01	1.2E-06
1.9E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12	2.4E+01	6.0E-07	1.0E-03	1.5E-08	1.6E-01	5.5E-03	1.3E-11	2.4E+01	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	1.1E+01	6.0E-07	1.0E-03	6.9E-09	1.6E-01	5.5E-03	5.9E-12	1.1E+01	1.2E-06
1.9E-07	1.0E-03	9.4E-10	1.6E-01	5.5E-03	8.1E-13	6.0E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	5.5E-03	3.3E-12	6.0E+00	1.2E-06
1.9E-07	1.0E-03	6.4E-10	1.6E-01	5.5E-03	5.5E-13	3.8E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.0E-12	3.8E+00	1.2E-06
1.9E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-03	3.9E-13	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-03	2.9E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.8E-13	1.8E+00	1.2E-06
1.9E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-03	2.2E-13	1.3E+00	6.0E-07	1.0E-03	8.4E-10	1.6E-01	5.5E-03	7.3E-13	1.3E+00	1.2E-06
1.9E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-03	1.7E-13	1.0E+00	6.0E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-03	5.6E-13	1.0E+00	1.2E-06
1.9E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.3E-13	6.9E-01	6.0E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-03	3.7E-13	6.9E-01	1.2E-06
1.9E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	2.0E-13	9.7E-01	6.0E-07	1.0E-03	6.1E-10	1.6E-01	5.5E-03	5.2E-13	9.7E-01	1.2E-06
1.9E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-03	3.1E-13	1.5E+00	6.0E-07	1.0E-03	9.3E-10	1.6E-01	5.5E-03	8.0E-13	1.5E+00	1.2E-06
1.9E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-03	5.6E-13	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	2.6E+00	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	5.5E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-03	3.0E-12	5.5E+00	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	9.6E+00	6.0E-07	1.0E-03	6.0E-09	1.6E-01	5.5E-03	5.2E-12	9.6E+00	1.2E-06
1.9E-07	1.0E-03	9.0E-10	1.6E-01	5.5E-03	7.8E-13	5.1E+00	6.0E-07	1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.8E-12	5.1E+00	1.2E-06
1.9E-07	1.0E-03	5.9E-10	1.6E-01	5.5E-03	5.1E-13	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	3.2E+00	1.2E-06
1.9E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-03	3.5E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.2E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-03	2.6E-13	1.5E+00	6.0E-07	1.0E-03	9.7E-10	1.6E-01	5.5E-03	8.3E-13	1.5E+00	1.2E-06
1.9E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	2.0E-13	1.2E+00	6.0E-07	1.0E-03	7.3E-10	1.6E-01	5.5E-03	6.3E-13	1.2E+00	1.2E-06
1.9E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.5E-13	9.0E-01	6.0E-07	1.0E-03	5.7E-10	1.6E-01	5.5E-03	4.9E-13	9.0E-01	1.2E-06
1.9E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.3E-13	6.6E-01	6.0E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-03	3.6E-13	6.6E-01	1.2E-06
1.9E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	1.9E-13	9.1E-01	6.0E-07	1.0E-03	5.7E-10	1.6E-01	5.5E-03	4.9E-13	9.1E-01	1.2E-06
1.9E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-03	3.1E-13	1.4E+00	6.0E-07	1.0E-03	8.5E-10	1.6E-01	5.5E-03	7.3E-13	1.4E+00	1.2E-06
1.9E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-03	5.6E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	4.1E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.2E-12	4.1E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-03	3.5E-12	6.4E+00	1.2E-06
1.9E-07	1.0E-03	7.4E-10	1.6E-01	5.5E-03	6.4E-13	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12	3.9E+00	1.2E-06
1.9E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-03	4.2E-13	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.3E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-03	3.0E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.6E-13	1.8E+00	1.2E-06
1.9E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-03	2.2E-13	1.3E+00	6.0E-07	1.0E-03	8.2E-10	1.6E-01	5.5E-03	7.0E-13	1.3E+00	1.2E-06
1.9E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-03	1.7E-13	9.9E-01	6.0E-07	1.0E-03	6.2E-10	1.6E-01	5.5E-03	5.4E-13	9.9E-01	1.2E-06
1.9E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.3E-13	7.8E-01	6.0E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-03	4.2E-13	7.8E-01	1.2E-06
1.9E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13	6.1E-01	6.0E-07	1.0E-03	3.8E-10	1.6E-01	5.5E-03	3.3E-13	6.1E-01	1.2E-06
1.9E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13	8.2E-01	6.0E-07	1.0E-03	5.1E-10	1.6E-01	5.5E-03	4.4E-13	8.2E-01	1.2E-06
1.9E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-03	2.7E-13	1.1E+00	6.0E-07	1.0E-03	7.2E-10	1.6E-01	5.5E-03	6.2E-13	1.1E+00	1.2E-06
1.9E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-03	4.6E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.4E-13	1.7E+00	1.2E-06
1.9E-07	1.0E-03	9.8E-10	1.6E-01	5.5E-03	8.5E-13	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	2.7E+00	1.2E-06

1.9E-07	1.0E-03	8.9E-10	1.6E-01	5.5E-03	7.6E-13	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.3E-12	4.2E+00	1.2E-06
1.9E-07	1.0E-03	5.7E-10	1.6E-01	5.5E-03	4.9E-13	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.5E-12	2.8E+00	1.2E-06
1.9E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-03	3.4E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-03	2.5E-13	1.5E+00	6.0E-07	1.0E-03	9.3E-10	1.6E-01	5.5E-03	8.0E-13	1.5E+00	1.2E-06
1.9E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-03	1.9E-13	1.1E+00	6.0E-07	1.0E-03	7.0E-10	1.6E-01	5.5E-03	6.0E-13	1.1E+00	1.2E-06
1.9E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13	8.7E-01	6.0E-07	1.0E-03	5.4E-10	1.6E-01	5.5E-03	4.7E-13	8.7E-01	1.2E-06
1.9E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13	6.9E-01	6.0E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-03	3.7E-13	6.9E-01	1.2E-06
1.9E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.2E-13	5.4E-01	6.0E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-03	2.9E-13	5.4E-01	1.2E-06
1.9E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.5E-13	7.0E-01	6.0E-07	1.0E-03	4.4E-10	1.6E-01	5.5E-03	3.8E-13	7.0E-01	1.2E-06
1.9E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-03	2.2E-13	9.4E-01	6.0E-07	1.0E-03	5.9E-10	1.6E-01	5.5E-03	5.1E-13	9.4E-01	1.2E-06
1.9E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-03	3.4E-13	1.3E+00	6.0E-07	1.0E-03	8.2E-10	1.6E-01	5.5E-03	7.0E-13	1.3E+00	1.2E-06
1.9E-07	1.0E-03	6.2E-10	1.6E-01	5.5E-03	5.4E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	6.6E-10	1.6E-01	5.5E-03	5.7E-13	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12	3.0E+00	1.2E-06
1.9E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-03	3.9E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-03	2.8E-13	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.8E-13	1.6E+00	1.2E-06
1.9E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-03	2.1E-13	1.3E+00	6.0E-07	1.0E-03	8.0E-10	1.6E-01	5.5E-03	6.9E-13	1.3E+00	1.2E-06
1.9E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-03	1.6E-13	9.8E-01	6.0E-07	1.0E-03	6.2E-10	1.6E-01	5.5E-03	5.3E-13	9.8E-01	1.2E-06
1.9E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13	7.8E-01	6.0E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-03	4.2E-13	7.8E-01	1.2E-06
1.9E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13	6.3E-01	6.0E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-03	3.4E-13	6.3E-01	1.2E-06
1.9E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13	4.7E-01	6.0E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-03	2.6E-13	4.7E-01	1.2E-06
1.9E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13	5.9E-01	6.0E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-03	3.2E-13	5.9E-01	1.2E-06
1.9E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-03	1.7E-13	7.6E-01	6.0E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-03	4.1E-13	7.6E-01	1.2E-06
1.9E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-03	2.4E-13	1.0E+00	6.0E-07	1.0E-03	6.3E-10	1.6E-01	5.5E-03	5.4E-13	1.0E+00	1.2E-06
1.9E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-03	3.6E-13	1.4E+00	6.0E-07	1.0E-03	8.6E-10	1.6E-01	5.5E-03	7.4E-13	1.4E+00	1.2E-06
1.9E-07	1.0E-03	5.8E-10	1.6E-01	5.5E-03	5.0E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.8E-13	1.8E+00	1.2E-06
1.9E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-03	6.1E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	7.2E-10	1.6E-01	5.5E-03	6.2E-13	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.3E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	6.3E-10	1.6E-01	5.5E-03	5.4E-13	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-03	4.2E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-03	3.2E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.4E-13	1.7E+00	1.2E-06
1.9E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-03	2.3E-13	1.3E+00	6.0E-07	1.0E-03	8.3E-10	1.6E-01	5.5E-03	7.2E-13	1.3E+00	1.2E-06
1.9E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13	1.1E+00	6.0E-07	1.0E-03	6.6E-10	1.6E-01	5.5E-03	5.7E-13	1.1E+00	1.2E-06
1.9E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13	8.7E-01	6.0E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-03	4.7E-13	8.7E-01	1.2E-06
1.9E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13	7.0E-01	6.0E-07	1.0E-03	4.4E-10	1.6E-01	5.5E-03	3.8E-13	7.0E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.6E-14	5.7E-01	6.0E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-03	3.1E-13	5.7E-01	1.2E-06
1.9E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.7E-14	4.1E-01	6.0E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-03	2.2E-13	4.1E-01	1.2E-06
1.9E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	5.0E-01	6.0E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-03	2.7E-13	5.0E-01	1.2E-06
1.9E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.4E-13	6.2E-01	6.0E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-03	3.4E-13	6.2E-01	1.2E-06
1.9E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-03	1.9E-13	8.0E-01	6.0E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-03	4.3E-13	8.0E-01	1.2E-06
1.9E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-03	2.5E-13	1.0E+00	6.0E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-03	5.6E-13	1.0E+00	1.2E-06
1.9E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-03	3.2E-13	1.3E+00	6.0E-07	1.0E-03	8.1E-10	1.6E-01	5.5E-03	6.9E-13	1.3E+00	1.2E-06
1.9E-07	1.0E-03	4.4E-10	1.6E-01	5.5E-03	3.8E-13	1.5E+00	6.0E-07	1.0E-03	9.5E-10	1.6E-01	5.5E-03	8.2E-13	1.5E+00	1.2E-06
1.9E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-03	4.0E-13	1.7E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	9.0E-13	1.7E+00	1.2E-06
1.9E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-03	3.7E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.1E-13	1.7E+00	1.2E-06
1.9E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-03	3.1E-13	1.6E+00	6.0E-07	1.0E-03	9.7E-10	1.6E-01	5.5E-03	8.4E-13	1.6E+00	1.2E-06
1.9E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-03	2.6E-13	1.4E+00	6.0E-07	1.0E-03	8.5E-10	1.6E-01	5.5E-03	7.3E-13	1.4E+00	1.2E-06
1.9E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-03	2.0E-13	1.1E+00	6.0E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-03	6.1E-13	1.1E+00	1.2E-06
1.9E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.5E-13	9.0E-01	6.0E-07	1.0E-03	5.6E-10	1.6E-01	5.5E-03	4.8E-13	9.0E-01	1.2E-06
1.9E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13	7.7E-01	6.0E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-03	4.1E-13	7.7E-01	1.2E-06

1.9E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.1E-13	6.4E-01	6.0E-07	1.0E-03	4.0E-10	1.6E-01	5.5E-03	3.5E-13	6.4E-01	1.2E-06
1.9E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.8E-14	5.3E-01	6.0E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-03	2.9E-13	5.3E-01	1.2E-06
1.9E-07	1.0E-03	8.7E-11	1.6E-01	5.5E-03	7.5E-14	3.6E-01	6.0E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	2.0E-13	3.6E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.2E-14	4.3E-01	6.0E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-03	2.3E-13	4.3E-01	1.2E-06
1.9E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.2E-13	5.3E-01	6.0E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-03	2.8E-13	5.3E-01	1.2E-06
1.9E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13	6.5E-01	6.0E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-03	3.5E-13	6.5E-01	1.2E-06
1.9E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.9E-13	8.0E-01	6.0E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-03	4.3E-13	8.0E-01	1.2E-06
1.9E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-03	2.2E-13	9.6E-01	6.0E-07	1.0E-03	6.0E-10	1.6E-01	5.5E-03	5.2E-13	9.6E-01	1.2E-06
1.9E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-03	2.6E-13	1.1E+00	6.0E-07	1.0E-03	6.9E-10	1.6E-01	5.5E-03	6.0E-13	1.1E+00	1.2E-06
1.9E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-03	2.7E-13	1.2E+00	6.0E-07	1.0E-03	7.5E-10	1.6E-01	5.5E-03	6.5E-13	1.2E+00	1.2E-06
1.9E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-03	2.6E-13	1.2E+00	6.0E-07	1.0E-03	7.6E-10	1.6E-01	5.5E-03	6.6E-13	1.2E+00	1.2E-06
1.9E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-03	2.3E-13	1.2E+00	6.0E-07	1.0E-03	7.3E-10	1.6E-01	5.5E-03	6.2E-13	1.2E+00	1.2E-06
1.9E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	2.0E-13	1.0E+00	6.0E-07	1.0E-03	6.4E-10	1.6E-01	5.5E-03	5.5E-13	1.0E+00	1.2E-06
1.9E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-03	1.7E-13	9.0E-01	6.0E-07	1.0E-03	5.7E-10	1.6E-01	5.5E-03	4.9E-13	9.0E-01	1.2E-06
1.9E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.4E-13	7.8E-01	6.0E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-03	4.2E-13	7.8E-01	1.2E-06
1.9E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	6.4E-01	6.0E-07	1.0E-03	4.0E-10	1.6E-01	5.5E-03	3.5E-13	6.4E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.7E-14	5.7E-01	6.0E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-03	3.1E-13	5.7E-01	1.2E-06
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1.9E-07	1.0E-03	6.7E-11	1.6E-01	5.5E-03	5.7E-14	2.8E-01	6.0E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.5E-13	2.8E-01	1.2E-06
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1.9E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.5E-14	4.5E-01	6.0E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-03	2.4E-13	4.5E-01	1.2E-06
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1.9E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13	5.9E-01	6.0E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-03	3.2E-13	5.9E-01	1.2E-06
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1.9E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.4E-13	7.1E-01	6.0E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-03	3.9E-13	7.1E-01	1.2E-06
1.9E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.3E-13	6.9E-01	6.0E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-03	3.7E-13	6.9E-01	1.2E-06
1.9E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13	6.4E-01	6.0E-07	1.0E-03	4.0E-10	1.6E-01	5.5E-03	3.5E-13	6.4E-01	1.2E-06
1.9E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.1E-13	5.8E-01	6.0E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-03	3.1E-13	5.8E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.3E-14	5.2E-01	6.0E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-03	2.8E-13	5.2E-01	1.2E-06
1.9E-07	1.0E-03	8.8E-11	1.6E-01	5.5E-03	7.5E-14	4.3E-01	6.0E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-03	2.3E-13	4.3E-01	1.2E-06

1.9E-07	1.0E-03	7.6E-11	1.6E-01	5.5E-03	6.5E-14	3.8E-01	6.0E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-03	2.1E-13	3.8E-01	1.2E-06
1.9E-07	1.0E-03	5.8E-11	1.6E-01	5.5E-03	5.0E-14	2.5E-01	6.0E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.3E-13	2.5E-01	1.2E-06
1.9E-07	1.0E-03	6.8E-11	1.6E-01	5.5E-03	5.8E-14	2.9E-01	6.0E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.5E-13	2.9E-01	1.2E-06
1.9E-07	1.0E-03	7.9E-11	1.6E-01	5.5E-03	6.8E-14	3.3E-01	6.0E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13	3.3E-01	1.2E-06
1.9E-07	1.0E-03	9.2E-11	1.6E-01	5.5E-03	7.9E-14	3.8E-01	6.0E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-03	2.0E-13	3.8E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.1E-14	4.3E-01	6.0E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-03	2.3E-13	4.3E-01	1.2E-06
1.9E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13	4.9E-01	6.0E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-03	2.6E-13	4.9E-01	1.2E-06
1.9E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	5.3E-01	6.0E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-03	2.9E-13	5.3E-01	1.2E-06
1.9E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13	5.6E-01	6.0E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-03	3.0E-13	5.6E-01	1.2E-06
1.9E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13	5.8E-01	6.0E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-03	3.1E-13	5.8E-01	1.2E-06
1.9E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.2E-13	5.8E-01	6.0E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-03	3.1E-13	5.8E-01	1.2E-06
1.9E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	5.6E-01	6.0E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-03	3.0E-13	5.6E-01	1.2E-06
1.9E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13	5.3E-01	6.0E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-03	2.9E-13	5.3E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.2E-14	5.0E-01	6.0E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-03	2.7E-13	5.0E-01	1.2E-06
1.9E-07	1.0E-03	9.5E-11	1.6E-01	5.5E-03	8.2E-14	4.5E-01	6.0E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-03	2.5E-13	4.5E-01	1.2E-06
1.9E-07	1.0E-03	8.3E-11	1.6E-01	5.5E-03	7.1E-14	4.0E-01	6.0E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-03	2.2E-13	4.0E-01	1.2E-06
1.9E-07	1.0E-03	6.9E-11	1.6E-01	5.5E-03	5.9E-14	3.4E-01	6.0E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.9E-13	3.4E-01	1.2E-06
1.9E-07	1.0E-03	5.2E-11	1.6E-01	5.5E-03	4.4E-14	2.2E-01	6.0E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13	2.2E-01	1.2E-06
1.9E-07	1.0E-03	5.9E-11	1.6E-01	5.5E-03	5.1E-14	2.5E-01	6.0E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.4E-13	2.5E-01	1.2E-06
1.9E-07	1.0E-03	6.8E-11	1.6E-01	5.5E-03	5.8E-14	2.9E-01	6.0E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.5E-13	2.9E-01	1.2E-06
1.9E-07	1.0E-03	7.7E-11	1.6E-01	5.5E-03	6.7E-14	3.3E-01	6.0E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-03	1.8E-13	3.3E-01	1.2E-06
1.9E-07	1.0E-03	8.7E-11	1.6E-01	5.5E-03	7.5E-14	3.7E-01	6.0E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	2.0E-13	3.7E-01	1.2E-06
1.9E-07	1.0E-03	9.7E-11	1.6E-01	5.5E-03	8.4E-14	4.0E-01	6.0E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-03	2.2E-13	4.0E-01	1.2E-06
1.9E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	9.0E-14	4.4E-01	6.0E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-03	2.4E-13	4.4E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.4E-14	4.6E-01	6.0E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-03	2.5E-13	4.6E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.6E-14	4.8E-01	6.0E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-03	2.6E-13	4.8E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.4E-14	4.8E-01	6.0E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-03	2.6E-13	4.8E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.1E-14	4.7E-01	6.0E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-03	2.5E-13	4.7E-01	1.2E-06
1.9E-07	1.0E-03	9.9E-11	1.6E-01	5.5E-03	8.6E-14	4.5E-01	6.0E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-03	2.4E-13	4.5E-01	1.2E-06
1.9E-07	1.0E-03	9.2E-11	1.6E-01	5.5E-03	7.9E-14	4.3E-01	6.0E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-03	2.3E-13	4.3E-01	1.2E-06
1.9E-07	1.0E-03	8.4E-11	1.6E-01	5.5E-03	7.2E-14	4.0E-01	6.0E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-03	2.1E-13	4.0E-01	1.2E-06
1.9E-07	1.0E-03	7.5E-11	1.6E-01	5.5E-03	6.5E-14	3.6E-01	6.0E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	1.9E-13	3.6E-01	1.2E-06
1.9E-07	1.0E-03	6.4E-11	1.6E-01	5.5E-03	5.5E-14	3.1E-01	6.0E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-03	1.7E-13	3.1E-01	1.2E-06
1.9E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	1.4E+01	6.0E-07	1.0E-03	8.9E-09	1.6E-01	5.5E-03	7.7E-12	1.4E+01	1.2E-06
1.9E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.9E-12	1.8E+01	1.2E-06
1.9E-07	1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.8E-12	2.4E+01	6.0E-07	1.0E-03	1.5E-08	1.6E-01	5.5E-03	1.3E-11	2.4E+01	1.2E-06
1.9E-07	1.0E-03	3.7E-09	1.6E-01	5.5E-03	3.2E-12	3.2E+01	6.0E-07	1.0E-03	2.0E-08	1.6E-01	5.5E-03	1.7E-11	3.2E+01	1.2E-06
1.9E-07	1.0E-03	4.3E-09	1.6E-01	5.5E-03	3.7E-12	4.2E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	5.5E-03	2.3E-11	4.2E+01	1.2E-06
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1.9E-07	1.0E-03	4.9E-09	1.6E-01	5.5E-03	4.2E-12	6.3E+01	6.0E-07	1.0E-03	3.9E-08	1.6E-01	5.5E-03	3.4E-11	6.3E+01	1.2E-06
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1.9E-07	1.0E-03	4.7E-09	1.6E-01	5.5E-03	4.0E-12	7.0E+01	6.0E-07	1.0E-03	4.4E-08	1.6E-01	5.5E-03	3.8E-11	7.0E+01	1.2E-06
1.9E-07	1.0E-03	4.3E-09	1.6E-01	5.5E-03	3.7E-12	6.8E+01	6.0E-07	1.0E-03	4.2E-08	1.6E-01	5.5E-03	3.7E-11	6.8E+01	1.2E-06
1.9E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-03	3.4E-12	6.1E+01	6.0E-07	1.0E-03	3.8E-08	1.6E-01	5.5E-03	3.3E-11	6.1E+01	1.2E-06
1.9E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-03	3.1E-12	5.1E+01	6.0E-07	1.0E-03	3.2E-08	1.6E-01	5.5E-03	2.8E-11	5.1E+01	1.2E-06
1.9E-07	1.0E-03	3.3E-09	1.6E-01	5.5E-03	2.8E-12	4.2E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	5.5E-03	2.3E-11	4.2E+01	1.2E-06
1.9E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-03	2.6E-12	3.5E+01	6.0E-07	1.0E-03	2.2E-08	1.6E-01	5.5E-03	1.9E-11	3.5E+01	1.2E-06
1.9E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-03	2.3E-12	2.9E+01	6.0E-07	1.0E-03	1.8E-08	1.6E-01	5.5E-03	1.5E-11	2.9E+01	1.2E-06
1.9E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12	2.4E+01	6.0E-07	1.0E-03	1.5E-08	1.6E-01	5.5E-03	1.3E-11	2.4E+01	1.2E-06

1.9E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	2.0E+01	6.0E-07	1.0E-03	1.3E-08	1.6E-01	5.5E-03	1.1E-11	2.0E+01	1.2E-06
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1.9E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	9.6E+00	6.0E-07	1.0E-03	6.0E-09	1.6E-01	5.5E-03	5.2E-12	9.6E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	8.5E+00	6.0E-07	1.0E-03	5.3E-09	1.6E-01	5.5E-03	4.6E-12	8.5E+00	1.2E-06
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1.9E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.8E-13	6.7E+00	6.0E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-03	3.6E-12	6.7E+00	1.2E-06
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1.9E-07	1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12	1.6E+01	6.0E-07	1.0E-03	1.0E-08	1.6E-01	5.5E-03	8.7E-12	1.6E+01	1.2E-06
1.9E-07	1.0E-03	3.5E-09	1.6E-01	5.5E-03	3.0E-12	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11	2.2E+01	1.2E-06
1.9E-07	1.0E-03	4.3E-09	1.6E-01	5.5E-03	3.7E-12	3.0E+01	6.0E-07	1.0E-03	1.9E-08	1.6E-01	5.5E-03	1.6E-11	3.0E+01	1.2E-06
1.9E-07	1.0E-03	5.2E-09	1.6E-01	5.5E-03	4.5E-12	4.3E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	5.5E-03	2.3E-11	4.3E+01	1.2E-06
1.9E-07	1.0E-03	6.1E-09	1.6E-01	5.5E-03	5.3E-12	1.5E+01	6.0E-07	1.0E-03	9.6E-09	1.6E-01	5.5E-03	8.3E-12	1.5E+01	1.2E-06
1.9E-07	1.0E-03	6.8E-09	1.6E-01	5.5E-03	5.8E-12	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11	2.2E+01	1.2E-06
1.9E-07	1.0E-03	7.0E-09	1.6E-01	5.5E-03	6.0E-12	3.2E+01	6.0E-07	1.0E-03	2.0E-08	1.6E-01	5.5E-03	1.7E-11	3.2E+01	1.2E-06
1.9E-07	1.0E-03	6.6E-09	1.6E-01	5.5E-03	5.7E-12	4.6E+01	6.0E-07	1.0E-03	2.9E-08	1.6E-01	5.5E-03	2.5E-11	4.6E+01	1.2E-06
1.9E-07	1.0E-03	6.1E-09	1.6E-01	5.5E-03	5.2E-12	4.7E+01	6.0E-07	1.0E-03	3.0E-08	1.6E-01	5.5E-03	2.6E-11	4.7E+01	1.2E-06
1.9E-07	1.0E-03	5.4E-09	1.6E-01	5.5E-03	4.7E-12	3.5E+01	6.0E-07	1.0E-03	2.2E-08	1.6E-01	5.5E-03	1.9E-11	3.5E+01	1.2E-06
1.9E-07	1.0E-03	4.8E-09	1.6E-01	5.5E-03	4.1E-12	2.6E+01	6.0E-07	1.0E-03	1.7E-08	1.6E-01	5.5E-03	1.4E-11	2.6E+01	1.2E-06
1.9E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-03	3.6E-12	6.8E+01	6.0E-07	1.0E-03	4.3E-08	1.6E-01	5.5E-03	3.7E-11	6.8E+01	1.2E-06
1.9E-07	1.0E-03	3.7E-09	1.6E-01	5.5E-03	3.2E-12	5.2E+01	6.0E-07	1.0E-03	3.2E-08	1.6E-01	5.5E-03	2.8E-11	5.2E+01	1.2E-06
1.9E-07	1.0E-03	3.3E-09	1.6E-01	5.5E-03	2.9E-12	4.0E+01	6.0E-07	1.0E-03	2.5E-08	1.6E-01	5.5E-03	2.2E-11	4.0E+01	1.2E-06
1.9E-07	1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12	3.2E+01	6.0E-07	1.0E-03	2.0E-08	1.6E-01	5.5E-03	1.7E-11	3.2E+01	1.2E-06
1.9E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.3E-12	2.6E+01	6.0E-07	1.0E-03	1.6E-08	1.6E-01	5.5E-03	1.4E-11	2.6E+01	1.2E-06
1.9E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	2.1E+01	6.0E-07	1.0E-03	1.3E-08	1.6E-01	5.5E-03	1.1E-11	2.1E+01	1.2E-06
1.9E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.5E-12	1.8E+01	1.2E-06
1.9E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12	1.5E+01	6.0E-07	1.0E-03	9.4E-09	1.6E-01	5.5E-03	8.1E-12	1.5E+01	1.2E-06
1.9E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.4E-12	1.3E+01	6.0E-07	1.0E-03	8.0E-09	1.6E-01	5.5E-03	6.9E-12	1.3E+01	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	1.1E+01	6.0E-07	1.0E-03	6.9E-09	1.6E-01	5.5E-03	5.9E-12	1.1E+01	1.2E-06
1.9E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	9.6E+00	6.0E-07	1.0E-03	6.0E-09	1.6E-01	5.5E-03	5.2E-12	9.6E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12	8.4E+00	6.0E-07	1.0E-03	5.3E-09	1.6E-01	5.5E-03	4.5E-12	8.4E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.7E-13	7.4E+00	6.0E-07	1.0E-03	4.7E-09	1.6E-01	5.5E-03	4.0E-12	7.4E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.9E-13	6.6E+00	6.0E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-03	3.6E-12	6.6E+00	1.2E-06
1.9E-07	1.0E-03	9.5E-10	1.6E-01	5.5E-03	8.1E-13	5.9E+00	6.0E-07	1.0E-03	3.7E-09	1.6E-01	5.5E-03	3.2E-12	5.9E+00	1.2E-06
1.9E-07	1.0E-03	3.5E-09	1.6E-01	5.5E-03	3.0E-12	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.7E-12	1.8E+01	1.2E-06
1.9E-07	1.0E-03	4.5E-09	1.6E-01	5.5E-03	3.9E-12	2.5E+01	6.0E-07	1.0E-03	1.6E-08	1.6E-01	5.5E-03	1.3E-11	2.5E+01	1.2E-06
1.9E-07	1.0E-03	5.8E-09	1.6E-01	5.5E-03	5.0E-12	3.7E+01	6.0E-07	1.0E-03	2.3E-08	1.6E-01	5.5E-03	2.0E-11	3.7E+01	1.2E-06
1.9E-07	1.0E-03	7.6E-09	1.6E-01	5.5E-03	6.5E-12	5.7E+01	6.0E-07	1.0E-03	3.6E-08	1.6E-01	5.5E-03	3.1E-11	5.7E+01	1.2E-06
1.9E-07	1.0E-03	9.4E-09	1.6E-01	5.5E-03	8.1E-12	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.7E-12	1.8E+01	1.2E-06
1.9E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.2E-12	2.7E+01	6.0E-07	1.0E-03	1.7E-08	1.6E-01	5.5E-03	1.5E-11	2.7E+01	1.2E-06
1.9E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.1E-12	4.4E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	5.5E-03	2.4E-11	4.4E+01	1.2E-06
1.9E-07	1.0E-03	9.3E-09	1.6E-01	5.5E-03	8.0E-12	0.0E+00	6.0E-07	1.0E-03	0.0E+00	1.6E-01	5.5E-03	0.0E+00	0.0E+00	1.2E-06
1.9E-07	1.0E-03	7.9E-09	1.6E-01	5.5E-03	6.8E-12	0.0E+00	6.0E-07	1.0E-03	0.0E+00	1.6E-01	5.5E-03	0.0E+00	0.0E+00	1.2E-06
1.9E-07	1.0E-03	6.7E-09	1.6E-01	5.5E-03	5.8E-12	4.3E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	5.5E-03	2.3E-11	4.3E+01	1.2E-06
1.9E-07	1.0E-03	5.7E-09	1.6E-01	5.5E-03	4.9E-12	3.0E+01	6.0E-07	1.0E-03	1.9E-08	1.6E-01	5.5E-03	1.6E-11	3.0E+01	1.2E-06
1.9E-07	1.0E-03	4.9E-09	1.6E-01	5.5E-03	4.2E-12	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11	2.2E+01	1.2E-06
1.9E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-03	3.6E-12	6.1E+01	6.0E-07	1.0E-03	3.9E-08	1.6E-01	5.5E-03	3.3E-11	6.1E+01	1.2E-06

1.9E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-03	3.1E-12	4.4E+01	6.0E-07	1.0E-03	2.8E-08	1.6E-01	5.5E-03	2.4E-11	4.4E+01	1.2E-06
1.9E-07	1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.7E-12	3.4E+01	6.0E-07	1.0E-03	2.1E-08	1.6E-01	5.5E-03	1.8E-11	3.4E+01	1.2E-06
1.9E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12	2.7E+01	6.0E-07	1.0E-03	1.7E-08	1.6E-01	5.5E-03	1.4E-11	2.7E+01	1.2E-06
1.9E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.1E-12	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11	2.2E+01	1.2E-06
1.9E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.6E-12	1.8E+01	1.2E-06
1.9E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.7E-12	1.5E+01	6.0E-07	1.0E-03	9.4E-09	1.6E-01	5.5E-03	8.1E-12	1.5E+01	1.2E-06
1.9E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	1.3E+01	6.0E-07	1.0E-03	7.9E-09	1.6E-01	5.5E-03	6.8E-12	1.3E+01	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	1.1E+01	6.0E-07	1.0E-03	6.8E-09	1.6E-01	5.5E-03	5.9E-12	1.1E+01	1.2E-06
1.9E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	9.4E+00	6.0E-07	1.0E-03	5.9E-09	1.6E-01	5.5E-03	5.1E-12	9.4E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	8.2E+00	6.0E-07	1.0E-03	5.2E-09	1.6E-01	5.5E-03	4.5E-12	8.2E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.8E-13	7.3E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	5.5E-03	3.9E-12	7.3E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.9E-13	6.5E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	5.5E-03	3.5E-12	6.5E+00	1.2E-06
1.9E-07	1.0E-03	9.4E-10	1.6E-01	5.5E-03	8.1E-13	5.8E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-03	3.1E-12	5.8E+00	1.2E-06
1.9E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-03	3.7E-12	1.9E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.0E-11	1.9E+01	1.2E-06
1.9E-07	1.0E-03	5.7E-09	1.6E-01	5.5E-03	4.9E-12	2.7E+01	6.0E-07	1.0E-03	1.7E-08	1.6E-01	5.5E-03	1.5E-11	2.7E+01	1.2E-06
1.9E-07	1.0E-03	8.0E-09	1.6E-01	5.5E-03	6.9E-12	4.1E+01	6.0E-07	1.0E-03	2.6E-08	1.6E-01	5.5E-03	2.2E-11	4.1E+01	1.2E-06
1.9E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.8E-12	1.3E+01	6.0E-07	1.0E-03	8.2E-09	1.6E-01	5.5E-03	7.1E-12	1.3E+01	1.2E-06
1.9E-07	1.0E-03	4.5E-09	1.6E-01	5.5E-03	3.8E-12	2.0E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.1E-11	2.0E+01	1.2E-06
1.9E-07	1.0E-03	4.9E-09	1.6E-01	5.5E-03	4.3E-12	3.1E+01	6.0E-07	1.0E-03	2.0E-08	1.6E-01	5.5E-03	1.7E-11	3.1E+01	1.2E-06
1.9E-07	1.0E-03	5.1E-09	1.6E-01	5.5E-03	4.4E-12	0.0E+00	6.0E-07	1.0E-03	0.0E+00	1.6E-01	5.5E-03	0.0E+00	0.0E+00	1.2E-06
1.9E-07	1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11	0.0E+00	6.0E-07	1.0E-03	0.0E+00	1.6E-01	5.5E-03	0.0E+00	0.0E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-08	1.6E-01	5.5E-03	8.9E-12	0.0E+00	6.0E-07	1.0E-03	0.0E+00	1.6E-01	5.5E-03	0.0E+00	0.0E+00	1.2E-06
1.9E-07	1.0E-03	8.1E-09	1.6E-01	5.5E-03	7.0E-12	5.0E+01	6.0E-07	1.0E-03	3.1E-08	1.6E-01	5.5E-03	2.7E-11	5.0E+01	1.2E-06
1.9E-07	1.0E-03	6.6E-09	1.6E-01	5.5E-03	5.7E-12	3.2E+01	6.0E-07	1.0E-03	2.0E-08	1.6E-01	5.5E-03	1.7E-11	3.2E+01	1.2E-06
1.9E-07	1.0E-03	5.5E-09	1.6E-01	5.5E-03	4.7E-12	2.3E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11	2.3E+01	1.2E-06
1.9E-07	1.0E-03	4.6E-09	1.6E-01	5.5E-03	4.0E-12	6.8E+01	6.0E-07	1.0E-03	4.3E-08	1.6E-01	5.5E-03	3.7E-11	6.8E+01	1.2E-06
1.9E-07	1.0E-03	3.9E-09	1.6E-01	5.5E-03	3.4E-12	4.6E+01	6.0E-07	1.0E-03	2.9E-08	1.6E-01	5.5E-03	2.5E-11	4.6E+01	1.2E-06
1.9E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-03	2.9E-12	3.4E+01	6.0E-07	1.0E-03	2.2E-08	1.6E-01	5.5E-03	1.9E-11	3.4E+01	1.2E-06
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1.9E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.2E-12	2.1E+01	6.0E-07	1.0E-03	1.3E-08	1.6E-01	5.5E-03	1.2E-11	2.1E+01	1.2E-06
1.9E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.5E-12	1.8E+01	1.2E-06
1.9E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	1.5E+01	6.0E-07	1.0E-03	9.2E-09	1.6E-01	5.5E-03	7.9E-12	1.5E+01	1.2E-06
1.9E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	1.2E+01	6.0E-07	1.0E-03	7.8E-09	1.6E-01	5.5E-03	6.7E-12	1.2E+01	1.2E-06
1.9E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.3E-12	1.1E+01	6.0E-07	1.0E-03	6.6E-09	1.6E-01	5.5E-03	5.7E-12	1.1E+01	1.2E-06
1.9E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	9.2E+00	6.0E-07	1.0E-03	5.7E-09	1.6E-01	5.5E-03	4.9E-12	9.2E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	8.0E+00	6.0E-07	1.0E-03	5.0E-09	1.6E-01	5.5E-03	4.3E-12	8.0E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.8E-13	7.0E+00	6.0E-07	1.0E-03	4.4E-09	1.6E-01	5.5E-03	3.8E-12	7.0E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.9E-13	6.3E+00	6.0E-07	1.0E-03	3.9E-09	1.6E-01	5.5E-03	3.4E-12	6.3E+00	1.2E-06
1.9E-07	1.0E-03	9.4E-10	1.6E-01	5.5E-03	8.1E-13	5.6E+00	6.0E-07	1.0E-03	3.5E-09	1.6E-01	5.5E-03	3.0E-12	5.6E+00	1.2E-06
1.9E-07	1.0E-03	5.0E-09	1.6E-01	5.5E-03	4.3E-12	1.9E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.0E-11	1.9E+01	1.2E-06
1.9E-07	1.0E-03	7.1E-09	1.6E-01	5.5E-03	6.1E-12	2.7E+01	6.0E-07	1.0E-03	1.7E-08	1.6E-01	5.5E-03	1.5E-11	2.7E+01	1.2E-06
1.9E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.1E-12	4.2E+01	6.0E-07	1.0E-03	2.6E-08	1.6E-01	5.5E-03	2.3E-11	4.2E+01	1.2E-06
1.9E-07	1.0E-03	5.5E-09	1.6E-01	5.5E-03	4.8E-12	1.3E+01	6.0E-07	1.0E-03	8.3E-09	1.6E-01	5.5E-03	7.2E-12	1.3E+01	1.2E-06
1.9E-07	1.0E-03	6.8E-09	1.6E-01	5.5E-03	5.8E-12	2.0E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.1E-11	2.0E+01	1.2E-06
1.9E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.2E-12	2.1E+01	6.0E-07	1.0E-03	1.3E-08	1.6E-01	5.5E-03	1.1E-11	2.1E+01	1.2E-06
1.9E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	1.7E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.1E-12	1.7E+01	1.2E-06
1.9E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	1.4E+01	6.0E-07	1.0E-03	8.8E-09	1.6E-01	5.5E-03	7.6E-12	1.4E+01	1.2E-06
1.9E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.5E-12	1.2E+01	6.0E-07	1.0E-03	7.4E-09	1.6E-01	5.5E-03	6.4E-12	1.2E+01	1.2E-06
1.9E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.3E-12	1.0E+01	6.0E-07	1.0E-03	6.4E-09	1.6E-01	5.5E-03	5.5E-12	1.0E+01	1.2E-06

1.9E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	8.8E+00	6.0E-07	1.0E-03	5.5E-09	1.6E-01	5.5E-03	4.7E-12	8.8E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12	7.7E+00	6.0E-07	1.0E-03	4.8E-09	1.6E-01	5.5E-03	4.1E-12	7.7E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.7E-13	6.8E+00	6.0E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-03	3.7E-12	6.8E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.7E-13	6.0E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	5.5E-03	3.2E-12	6.0E+00	1.2E-06
1.9E-07	1.0E-03	9.2E-10	1.6E-01	5.5E-03	7.9E-13	5.4E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-03	2.9E-12	5.4E+00	1.2E-06
1.9E-07	1.0E-03	5.7E-09	1.6E-01	5.5E-03	4.9E-12	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.8E-12	1.8E+01	1.2E-06
1.9E-07	1.0E-03	8.3E-09	1.6E-01	5.5E-03	7.1E-12	2.6E+01	6.0E-07	1.0E-03	1.6E-08	1.6E-01	5.5E-03	1.4E-11	2.6E+01	1.2E-06
1.9E-07	1.0E-03	1.3E-08	1.6E-01	5.5E-03	1.1E-11	3.8E+01	6.0E-07	1.0E-03	2.4E-08	1.6E-01	5.5E-03	2.0E-11	3.8E+01	1.2E-06
1.9E-07	1.0E-03	8.4E-09	1.6E-01	5.5E-03	7.2E-12	1.2E+01	6.0E-07	1.0E-03	7.8E-09	1.6E-01	5.5E-03	6.7E-12	1.2E+01	1.2E-06
1.9E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.8E-12	1.8E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-03	9.9E-12	1.8E+01	1.2E-06
1.9E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.3E-12	1.9E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.0E-11	1.9E+01	1.2E-06
1.9E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	1.6E+01	6.0E-07	1.0E-03	9.9E-09	1.6E-01	5.5E-03	8.5E-12	1.6E+01	1.2E-06
1.9E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	1.3E+01	6.0E-07	1.0E-03	8.3E-09	1.6E-01	5.5E-03	7.1E-12	1.3E+01	1.2E-06
1.9E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	1.1E+01	6.0E-07	1.0E-03	7.0E-09	1.6E-01	5.5E-03	6.0E-12	1.1E+01	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	9.6E+00	6.0E-07	1.0E-03	6.0E-09	1.6E-01	5.5E-03	5.2E-12	9.6E+00	1.2E-06
1.9E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	8.3E+00	6.0E-07	1.0E-03	5.2E-09	1.6E-01	5.5E-03	4.5E-12	8.3E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12	7.3E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	5.5E-03	3.9E-12	7.3E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.5E-13	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-03	3.5E-12	6.4E+00	1.2E-06
1.9E-07	1.0E-03	9.9E-10	1.6E-01	5.5E-03	8.6E-13	5.7E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-03	3.1E-12	5.7E+00	1.2E-06
1.9E-07	1.0E-03	9.0E-10	1.6E-01	5.5E-03	7.8E-13	5.1E+00	6.0E-07	1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.8E-12	5.1E+00	1.2E-06
1.9E-07	1.0E-03	6.2E-09	1.6E-01	5.5E-03	5.3E-12	1.6E+01	6.0E-07	1.0E-03	1.0E-08	1.6E-01	5.5E-03	8.9E-12	1.6E+01	1.2E-06
1.9E-07	1.0E-03	9.0E-09	1.6E-01	5.5E-03	7.8E-12	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11	2.2E+01	1.2E-06
1.9E-07	1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11	3.1E+01	6.0E-07	1.0E-03	1.9E-08	1.6E-01	5.5E-03	1.7E-11	3.1E+01	1.2E-06
1.9E-07	1.0E-03	3.3E-09	1.6E-01	5.5E-03	2.8E-12	4.5E+01	6.0E-07	1.0E-03	2.8E-08	1.6E-01	5.5E-03	2.4E-11	4.5E+01	1.2E-06
1.9E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-03	3.5E-12	1.5E+01	6.0E-07	1.0E-03	9.6E-09	1.6E-01	5.5E-03	8.3E-12	1.5E+01	1.2E-06
1.9E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.2E-12	1.7E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.3E-12	1.7E+01	1.2E-06
1.9E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	1.4E+01	6.0E-07	1.0E-03	9.0E-09	1.6E-01	5.5E-03	7.8E-12	1.4E+01	1.2E-06
1.9E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	1.2E+01	6.0E-07	1.0E-03	7.6E-09	1.6E-01	5.5E-03	6.6E-12	1.2E+01	1.2E-06
1.9E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	1.0E+01	6.0E-07	1.0E-03	6.5E-09	1.6E-01	5.5E-03	5.6E-12	1.0E+01	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	9.0E+00	6.0E-07	1.0E-03	5.6E-09	1.6E-01	5.5E-03	4.8E-12	9.0E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.2E-12	7.8E+00	6.0E-07	1.0E-03	4.9E-09	1.6E-01	5.5E-03	4.2E-12	7.8E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	6.9E+00	6.0E-07	1.0E-03	4.3E-09	1.6E-01	5.5E-03	3.7E-12	6.9E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.2E-13	6.1E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	5.5E-03	3.3E-12	6.1E+00	1.2E-06
1.9E-07	1.0E-03	9.6E-10	1.6E-01	5.5E-03	8.3E-13	5.4E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-03	2.9E-12	5.4E+00	1.2E-06
1.9E-07	1.0E-03	8.8E-10	1.6E-01	5.5E-03	7.5E-13	4.9E+00	6.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-03	2.6E-12	4.9E+00	1.2E-06
1.9E-07	1.0E-03	6.4E-09	1.6E-01	5.5E-03	5.5E-12	1.5E+01	6.0E-07	1.0E-03	9.1E-09	1.6E-01	5.5E-03	7.9E-12	1.5E+01	1.2E-06
1.9E-07	1.0E-03	9.4E-09	1.6E-01	5.5E-03	8.1E-12	1.9E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.0E-11	1.9E+01	1.2E-06
1.9E-07	1.0E-03	1.5E-08	1.6E-01	5.5E-03	1.3E-11	2.5E+01	6.0E-07	1.0E-03	1.6E-08	1.6E-01	5.5E-03	1.3E-11	2.5E+01	1.2E-06
1.9E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.1E-11	3.3E+01	6.0E-07	1.0E-03	2.1E-08	1.6E-01	5.5E-03	1.8E-11	3.3E+01	1.2E-06
1.9E-07	1.0E-03	6.7E-09	1.6E-01	5.5E-03	5.8E-12	4.4E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	5.5E-03	2.4E-11	4.4E+01	1.2E-06
1.9E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.2E-12	1.5E+01	6.0E-07	1.0E-03	9.6E-09	1.6E-01	5.5E-03	8.3E-12	1.5E+01	1.2E-06
1.9E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	1.3E+01	6.0E-07	1.0E-03	8.1E-09	1.6E-01	5.5E-03	7.0E-12	1.3E+01	1.2E-06
1.9E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12	1.1E+01	6.0E-07	1.0E-03	7.0E-09	1.6E-01	5.5E-03	6.0E-12	1.1E+01	1.2E-06
1.9E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.4E-12	9.6E+00	6.0E-07	1.0E-03	6.0E-09	1.6E-01	5.5E-03	5.2E-12	9.6E+00	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	8.3E+00	6.0E-07	1.0E-03	5.2E-09	1.6E-01	5.5E-03	4.5E-12	8.3E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	7.3E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	5.5E-03	3.9E-12	7.3E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	9.9E-13	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-03	3.5E-12	6.4E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.9E-13	5.7E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-03	3.1E-12	5.7E+00	1.2E-06
1.9E-07	1.0E-03	9.3E-10	1.6E-01	5.5E-03	8.0E-13	5.1E+00	6.0E-07	1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.8E-12	5.1E+00	1.2E-06

1.9E-07	1.0E-03	8.5E-10	1.6E-01	5.5E-03	7.3E-13	4.6E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12	4.6E+00	1.2E-06
1.9E-07	1.0E-03	6.3E-09	1.6E-01	5.5E-03	5.5E-12	1.3E+01	6.0E-07	1.0E-03	7.9E-09	1.6E-01	5.5E-03	6.8E-12	1.3E+01	1.2E-06
1.9E-07	1.0E-03	9.4E-09	1.6E-01	5.5E-03	8.1E-12	1.6E+01	6.0E-07	1.0E-03	9.8E-09	1.6E-01	5.5E-03	8.4E-12	1.6E+01	1.2E-06
1.9E-07	1.0E-03	1.5E-08	1.6E-01	5.5E-03	1.3E-11	2.0E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.1E-11	2.0E+01	1.2E-06
1.9E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.1E-11	2.4E+01	6.0E-07	1.0E-03	1.5E-08	1.6E-01	5.5E-03	1.3E-11	2.4E+01	1.2E-06
1.9E-07	1.0E-03	5.9E-09	1.6E-01	5.5E-03	5.1E-12	3.0E+01	6.0E-07	1.0E-03	1.9E-08	1.6E-01	5.5E-03	1.6E-11	3.0E+01	1.2E-06
1.9E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12	1.3E+01	6.0E-07	1.0E-03	8.4E-09	1.6E-01	5.5E-03	7.3E-12	1.3E+01	1.2E-06
1.9E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12	1.2E+01	6.0E-07	1.0E-03	7.3E-09	1.6E-01	5.5E-03	6.3E-12	1.2E+01	1.2E-06
1.9E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.6E-12	1.0E+01	6.0E-07	1.0E-03	6.3E-09	1.6E-01	5.5E-03	5.4E-12	1.0E+01	1.2E-06
1.9E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	8.7E+00	6.0E-07	1.0E-03	5.5E-09	1.6E-01	5.5E-03	4.7E-12	8.7E+00	1.2E-06
1.9E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	7.7E+00	6.0E-07	1.0E-03	4.8E-09	1.6E-01	5.5E-03	4.1E-12	7.7E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12	6.8E+00	6.0E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-03	3.6E-12	6.8E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.6E-13	6.0E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	5.5E-03	3.2E-12	6.0E+00	1.2E-06
1.9E-07	1.0E-03	9.9E-10	1.6E-01	5.5E-03	8.6E-13	5.3E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-03	2.9E-12	5.3E+00	1.2E-06
1.9E-07	1.0E-03	9.0E-10	1.6E-01	5.5E-03	7.7E-13	4.8E+00	6.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-03	2.6E-12	4.8E+00	1.2E-06
1.9E-07	1.0E-03	8.1E-10	1.6E-01	5.5E-03	7.0E-13	4.3E+00	6.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-03	2.3E-12	4.3E+00	1.2E-06
1.9E-07	1.0E-03	6.0E-09	1.6E-01	5.5E-03	5.2E-12	1.1E+01	6.0E-07	1.0E-03	6.7E-09	1.6E-01	5.5E-03	5.8E-12	1.1E+01	1.2E-06
1.9E-07	1.0E-03	8.9E-09	1.6E-01	5.5E-03	7.6E-12	1.3E+01	6.0E-07	1.0E-03	8.1E-09	1.6E-01	5.5E-03	7.0E-12	1.3E+01	1.2E-06
1.9E-07	1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11	1.6E+01	6.0E-07	1.0E-03	9.9E-09	1.6E-01	5.5E-03	8.5E-12	1.6E+01	1.2E-06
1.9E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-03	2.6E-12	1.9E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.0E-11	1.9E+01	1.2E-06
1.9E-07	1.0E-03	3.5E-09	1.6E-01	5.5E-03	3.0E-12	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11	2.2E+01	1.2E-06
1.9E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	1.2E+01	6.0E-07	1.0E-03	7.4E-09	1.6E-01	5.5E-03	6.4E-12	1.2E+01	1.2E-06
1.9E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	1.0E+01	6.0E-07	1.0E-03	6.5E-09	1.6E-01	5.5E-03	5.6E-12	1.0E+01	1.2E-06
1.9E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	9.0E+00	6.0E-07	1.0E-03	5.7E-09	1.6E-01	5.5E-03	4.9E-12	9.0E+00	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	7.9E+00	6.0E-07	1.0E-03	5.0E-09	1.6E-01	5.5E-03	4.3E-12	7.9E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	7.0E+00	6.0E-07	1.0E-03	4.4E-09	1.6E-01	5.5E-03	3.8E-12	7.0E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	6.2E+00	6.0E-07	1.0E-03	3.9E-09	1.6E-01	5.5E-03	3.4E-12	6.2E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.1E-13	5.6E+00	6.0E-07	1.0E-03	3.5E-09	1.6E-01	5.5E-03	3.0E-12	5.6E+00	1.2E-06
1.9E-07	1.0E-03	9.5E-10	1.6E-01	5.5E-03	8.2E-13	5.0E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-03	2.7E-12	5.0E+00	1.2E-06
1.9E-07	1.0E-03	8.6E-10	1.6E-01	5.5E-03	7.4E-13	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12	4.5E+00	1.2E-06
1.9E-07	1.0E-03	7.8E-10	1.6E-01	5.5E-03	6.7E-13	4.1E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.2E-12	4.1E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-09	1.6E-01	5.5E-03	4.7E-12	9.1E+00	6.0E-07	1.0E-03	5.7E-09	1.6E-01	5.5E-03	4.9E-12	9.1E+00	1.2E-06
1.9E-07	1.0E-03	7.9E-09	1.6E-01	5.5E-03	6.8E-12	1.1E+01	6.0E-07	1.0E-03	6.7E-09	1.6E-01	5.5E-03	5.8E-12	1.1E+01	1.2E-06
1.9E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.0E-11	1.3E+01	6.0E-07	1.0E-03	7.9E-09	1.6E-01	5.5E-03	6.8E-12	1.3E+01	1.2E-06
1.9E-07	1.0E-03	7.7E-09	1.6E-01	5.5E-03	6.6E-12	1.5E+01	6.0E-07	1.0E-03	9.3E-09	1.6E-01	5.5E-03	8.0E-12	1.5E+01	1.2E-06
1.9E-07	1.0E-03	1.0E-08	1.6E-01	5.5E-03	8.6E-12	1.7E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.3E-12	1.7E+01	1.2E-06
1.9E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12	1.0E+01	6.0E-07	1.0E-03	6.5E-09	1.6E-01	5.5E-03	5.6E-12	1.0E+01	1.2E-06
1.9E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12	9.1E+00	6.0E-07	1.0E-03	5.7E-09	1.6E-01	5.5E-03	4.9E-12	9.1E+00	1.2E-06
1.9E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	8.1E+00	6.0E-07	1.0E-03	5.1E-09	1.6E-01	5.5E-03	4.4E-12	8.1E+00	1.2E-06
1.9E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	7.2E+00	6.0E-07	1.0E-03	4.5E-09	1.6E-01	5.5E-03	3.9E-12	7.2E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-03	3.5E-12	6.4E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.7E-13	5.8E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-03	3.1E-12	5.8E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.7E-13	5.2E+00	6.0E-07	1.0E-03	3.3E-09	1.6E-01	5.5E-03	2.8E-12	5.2E+00	1.2E-06
1.9E-07	1.0E-03	9.1E-10	1.6E-01	5.5E-03	7.8E-13	4.7E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12	4.7E+00	1.2E-06
1.9E-07	1.0E-03	8.2E-10	1.6E-01	5.5E-03	7.1E-13	4.2E+00	6.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-03	2.3E-12	4.2E+00	1.2E-06
1.9E-07	1.0E-03	7.4E-10	1.6E-01	5.5E-03	6.4E-13	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12	3.9E+00	1.2E-06
1.9E-07	1.0E-03	4.8E-09	1.6E-01	5.5E-03	4.1E-12	7.8E+00	6.0E-07	1.0E-03	4.9E-09	1.6E-01	5.5E-03	4.2E-12	7.8E+00	1.2E-06
1.9E-07	1.0E-03	6.7E-09	1.6E-01	5.5E-03	5.8E-12	9.0E+00	6.0E-07	1.0E-03	5.6E-09	1.6E-01	5.5E-03	4.9E-12	9.0E+00	1.2E-06
1.9E-07	1.0E-03	9.8E-09	1.6E-01	5.5E-03	8.5E-12	1.0E+01	6.0E-07	1.0E-03	6.5E-09	1.6E-01	5.5E-03	5.6E-12	1.0E+01	1.2E-06

1.9E-07	1.0E-03	5.1E-09	1.6E-01	5.5E-03	4.4E-12	1.2E+01	6.0E-07	1.0E-03	7.5E-09	1.6E-01	5.5E-03	6.5E-12	1.2E+01	1.2E-06
1.9E-07	1.0E-03	6.1E-09	1.6E-01	5.5E-03	5.2E-12	1.4E+01	6.0E-07	1.0E-03	8.6E-09	1.6E-01	5.5E-03	7.4E-12	1.4E+01	1.2E-06
1.9E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	9.1E+00	6.0E-07	1.0E-03	5.7E-09	1.6E-01	5.5E-03	4.9E-12	9.1E+00	1.2E-06
1.9E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	8.1E+00	6.0E-07	1.0E-03	5.1E-09	1.6E-01	5.5E-03	4.4E-12	8.1E+00	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	7.3E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	5.5E-03	3.9E-12	7.3E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.2E-12	6.6E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	5.5E-03	3.5E-12	6.6E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	5.9E+00	6.0E-07	1.0E-03	3.7E-09	1.6E-01	5.5E-03	3.2E-12	5.9E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.1E-13	5.3E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-03	2.9E-12	5.3E+00	1.2E-06
1.9E-07	1.0E-03	9.5E-10	1.6E-01	5.5E-03	8.2E-13	4.8E+00	6.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-03	2.6E-12	4.8E+00	1.2E-06
1.9E-07	1.0E-03	8.6E-10	1.6E-01	5.5E-03	7.4E-13	4.4E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12	4.4E+00	1.2E-06
1.9E-07	1.0E-03	7.8E-10	1.6E-01	5.5E-03	6.7E-13	4.0E+00	6.0E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.2E-12	4.0E+00	1.2E-06
1.9E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-03	6.1E-13	3.6E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	3.6E+00	1.2E-06
1.9E-07	1.0E-03	4.1E-09	1.6E-01	5.5E-03	3.5E-12	6.7E+00	6.0E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-03	3.6E-12	6.7E+00	1.2E-06
1.9E-07	1.0E-03	5.4E-09	1.6E-01	5.5E-03	4.7E-12	7.7E+00	6.0E-07	1.0E-03	4.8E-09	1.6E-01	5.5E-03	4.2E-12	7.7E+00	1.2E-06
1.9E-07	1.0E-03	7.5E-09	1.6E-01	5.5E-03	6.5E-12	8.8E+00	6.0E-07	1.0E-03	5.5E-09	1.6E-01	5.5E-03	4.7E-12	8.8E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.1E-12	1.0E+01	6.0E-07	1.0E-03	6.3E-09	1.6E-01	5.5E-03	5.4E-12	1.0E+01	1.2E-06
1.9E-07	1.0E-03	4.1E-09	1.6E-01	5.5E-03	3.5E-12	1.1E+01	6.0E-07	1.0E-03	7.0E-09	1.6E-01	5.5E-03	6.0E-12	1.1E+01	1.2E-06
1.9E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.6E-12	8.0E+00	6.0E-07	1.0E-03	5.0E-09	1.6E-01	5.5E-03	4.3E-12	8.0E+00	1.2E-06
1.9E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	7.3E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	5.5E-03	3.9E-12	7.3E+00	1.2E-06
1.9E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	6.6E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	5.5E-03	3.6E-12	6.6E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12	6.0E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	5.5E-03	3.2E-12	6.0E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.6E-13	5.4E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-03	2.9E-12	5.4E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.6E-13	4.9E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-03	2.7E-12	4.9E+00	1.2E-06
1.9E-07	1.0E-03	9.0E-10	1.6E-01	5.5E-03	7.8E-13	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12	4.5E+00	1.2E-06
1.9E-07	1.0E-03	8.2E-10	1.6E-01	5.5E-03	7.0E-13	4.1E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.2E-12	4.1E+00	1.2E-06
1.9E-07	1.0E-03	7.4E-10	1.6E-01	5.5E-03	6.4E-13	3.8E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.0E-12	3.8E+00	1.2E-06
1.9E-07	1.0E-03	6.8E-10	1.6E-01	5.5E-03	5.8E-13	3.4E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	3.4E+00	1.2E-06
1.9E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-03	2.9E-12	5.9E+00	6.0E-07	1.0E-03	3.7E-09	1.6E-01	5.5E-03	3.2E-12	5.9E+00	1.2E-06
1.9E-07	1.0E-03	4.3E-09	1.6E-01	5.5E-03	3.7E-12	6.6E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	5.5E-03	3.6E-12	6.6E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-09	1.6E-01	5.5E-03	4.7E-12	7.4E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	5.5E-03	4.0E-12	7.4E+00	1.2E-06
1.9E-07	1.0E-03	7.1E-09	1.6E-01	5.5E-03	6.1E-12	8.3E+00	6.0E-07	1.0E-03	5.2E-09	1.6E-01	5.5E-03	4.5E-12	8.3E+00	1.2E-06
1.9E-07	1.0E-03	8.4E-09	1.6E-01	5.5E-03	7.3E-12	9.2E+00	6.0E-07	1.0E-03	5.8E-09	1.6E-01	5.5E-03	5.0E-12	9.2E+00	1.2E-06
1.9E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.4E-12	7.1E+00	6.0E-07	1.0E-03	4.5E-09	1.6E-01	5.5E-03	3.9E-12	7.1E+00	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	6.6E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	5.5E-03	3.5E-12	6.6E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	6.0E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	5.5E-03	3.2E-12	6.0E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	5.5E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-03	3.0E-12	5.5E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	9.0E-13	5.0E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-03	2.7E-12	5.0E+00	1.2E-06
1.9E-07	1.0E-03	9.4E-10	1.6E-01	5.5E-03	8.1E-13	4.6E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12	4.6E+00	1.2E-06
1.9E-07	1.0E-03	8.5E-10	1.6E-01	5.5E-03	7.3E-13	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.3E-12	4.2E+00	1.2E-06
1.9E-07	1.0E-03	7.7E-10	1.6E-01	5.5E-03	6.6E-13	3.8E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12	3.8E+00	1.2E-06
1.9E-07	1.0E-03	7.0E-10	1.6E-01	5.5E-03	6.1E-13	3.5E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	3.5E+00	1.2E-06
1.9E-07	1.0E-03	6.4E-10	1.6E-01	5.5E-03	5.5E-13	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	3.2E+00	1.2E-06
1.9E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12	5.2E+00	6.0E-07	1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.8E-12	5.2E+00	1.2E-06
1.9E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-03	2.9E-12	5.8E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-03	3.1E-12	5.8E+00	1.2E-06
1.9E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-03	3.6E-12	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-03	3.5E-12	6.4E+00	1.2E-06
1.9E-07	1.0E-03	5.0E-09	1.6E-01	5.5E-03	4.3E-12	7.1E+00	6.0E-07	1.0E-03	4.4E-09	1.6E-01	5.5E-03	3.8E-12	7.1E+00	1.2E-06
1.9E-07	1.0E-03	5.6E-09	1.6E-01	5.5E-03	4.8E-12	7.8E+00	6.0E-07	1.0E-03	4.9E-09	1.6E-01	5.5E-03	4.2E-12	7.8E+00	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-03	3.5E-12	6.4E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.2E-12	5.9E+00	6.0E-07	1.0E-03	3.7E-09	1.6E-01	5.5E-03	3.2E-12	5.9E+00	1.2E-06

1.9E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	5.4E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-03	2.9E-12	5.4E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.2E-13	5.0E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-03	2.7E-12	5.0E+00	1.2E-06
1.9E-07	1.0E-03	9.6E-10	1.6E-01	5.5E-03	8.3E-13	4.6E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12	4.6E+00	1.2E-06
1.9E-07	1.0E-03	8.7E-10	1.6E-01	5.5E-03	7.5E-13	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.3E-12	4.2E+00	1.2E-06
1.9E-07	1.0E-03	7.9E-10	1.6E-01	5.5E-03	6.8E-13	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12	3.9E+00	1.2E-06
1.9E-07	1.0E-03	7.3E-10	1.6E-01	5.5E-03	6.3E-13	3.6E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-03	1.9E-12	3.6E+00	1.2E-06
1.9E-07	1.0E-03	6.6E-10	1.6E-01	5.5E-03	5.7E-13	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12	3.3E+00	1.2E-06
1.9E-07	1.0E-03	6.1E-10	1.6E-01	5.5E-03	5.2E-13	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12	3.0E+00	1.2E-06
1.9E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	4.6E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12	4.6E+00	1.2E-06
1.9E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-03	2.3E-12	5.1E+00	6.0E-07	1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.7E-12	5.1E+00	1.2E-06
1.9E-07	1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.8E-12	5.6E+00	6.0E-07	1.0E-03	3.5E-09	1.6E-01	5.5E-03	3.0E-12	5.6E+00	1.2E-06
1.9E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-03	3.1E-12	6.1E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	5.5E-03	3.3E-12	6.1E+00	1.2E-06
1.9E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-03	3.4E-12	6.6E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	5.5E-03	3.6E-12	6.6E+00	1.2E-06
1.9E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	5.7E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-03	3.1E-12	5.7E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12	5.3E+00	6.0E-07	1.0E-03	3.3E-09	1.6E-01	5.5E-03	2.9E-12	5.3E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.5E-13	4.9E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-03	2.7E-12	4.9E+00	1.2E-06
1.9E-07	1.0E-03	9.9E-10	1.6E-01	5.5E-03	8.5E-13	4.6E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12	4.6E+00	1.2E-06
1.9E-07	1.0E-03	8.9E-10	1.6E-01	5.5E-03	7.6E-13	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.3E-12	4.2E+00	1.2E-06
1.9E-07	1.0E-03	8.0E-10	1.6E-01	5.5E-03	6.9E-13	3.8E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12	3.8E+00	1.2E-06
1.9E-07	1.0E-03	7.3E-10	1.6E-01	5.5E-03	6.3E-13	3.6E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	3.6E+00	1.2E-06
1.9E-07	1.0E-03	6.7E-10	1.6E-01	5.5E-03	5.8E-13	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12	3.3E+00	1.2E-06
1.9E-07	1.0E-03	6.2E-10	1.6E-01	5.5E-03	5.3E-13	3.1E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.7E-12	3.1E+00	1.2E-06
1.9E-07	1.0E-03	5.7E-10	1.6E-01	5.5E-03	4.9E-13	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.5E-12	2.8E+00	1.2E-06
1.9E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12	4.1E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.2E-12	4.1E+00	1.2E-06
1.9E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12	4.5E+00	1.2E-06
1.9E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.2E-12	4.9E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-03	2.7E-12	4.9E+00	1.2E-06
1.9E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12	5.3E+00	6.0E-07	1.0E-03	3.3E-09	1.6E-01	5.5E-03	2.9E-12	5.3E+00	1.2E-06
1.9E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-03	2.6E-12	5.7E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-03	3.1E-12	5.7E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.7E-13	4.9E+00	6.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-03	2.6E-12	4.9E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.8E-13	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12	4.5E+00	1.2E-06
1.9E-07	1.0E-03	9.2E-10	1.6E-01	5.5E-03	7.9E-13	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.3E-12	4.2E+00	1.2E-06
1.9E-07	1.0E-03	8.1E-10	1.6E-01	5.5E-03	6.9E-13	3.8E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.0E-12	3.8E+00	1.2E-06
1.9E-07	1.0E-03	7.3E-10	1.6E-01	5.5E-03	6.3E-13	3.5E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	3.5E+00	1.2E-06
1.9E-07	1.0E-03	6.7E-10	1.6E-01	5.5E-03	5.8E-13	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	3.2E+00	1.2E-06
1.9E-07	1.0E-03	6.2E-10	1.6E-01	5.5E-03	5.3E-13	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12	3.0E+00	1.2E-06
1.9E-07	1.0E-03	5.7E-10	1.6E-01	5.5E-03	4.9E-13	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.5E-12	2.8E+00	1.2E-06
1.9E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-03	4.6E-13	2.6E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.4E-12	2.6E+00	1.2E-06
1.9E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	3.7E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	3.7E+00	1.2E-06
1.9E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.6E-12	4.0E+00	6.0E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.2E-12	4.0E+00	1.2E-06
1.9E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.8E-12	4.3E+00	6.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-03	2.3E-12	4.3E+00	1.2E-06
1.9E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	4.7E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12	4.7E+00	1.2E-06
1.9E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.0E-12	5.0E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-03	2.7E-12	5.0E+00	1.2E-06
1.9E-07	1.0E-03	9.5E-10	1.6E-01	5.5E-03	8.2E-13	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.3E-12	4.2E+00	1.2E-06
1.9E-07	1.0E-03	8.6E-10	1.6E-01	5.5E-03	7.4E-13	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12	3.9E+00	1.2E-06
1.9E-07	1.0E-03	7.8E-10	1.6E-01	5.5E-03	6.7E-13	3.6E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	3.6E+00	1.2E-06
1.9E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-03	6.1E-13	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12	3.3E+00	1.2E-06
1.9E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-03	5.6E-13	3.1E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.7E-12	3.1E+00	1.2E-06
1.9E-07	1.0E-03	5.9E-10	1.6E-01	5.5E-03	5.1E-13	2.9E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.6E-12	2.9E+00	1.2E-06
1.9E-07	1.0E-03	5.4E-10	1.6E-01	5.5E-03	4.7E-13	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.4E-12	2.7E+00	1.2E-06

1.9E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-03	4.3E-13	2.5E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12	3.3E+00	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	3.6E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-03	1.9E-12	3.6E+00	1.2E-06
1.9E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12	3.9E+00	1.2E-06
1.9E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.6E-12	4.1E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.2E-12	4.1E+00	1.2E-06
1.9E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.7E-12	4.4E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12	4.4E+00	1.2E-06
1.9E-07	1.0E-03	8.1E-10	1.6E-01	5.5E-03	7.0E-13	3.6E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	3.6E+00	1.2E-06
1.9E-07	1.0E-03	7.5E-10	1.6E-01	5.5E-03	6.5E-13	3.4E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.9E-12	3.4E+00	1.2E-06
1.9E-07	1.0E-03	6.9E-10	1.6E-01	5.5E-03	6.0E-13	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	3.2E+00	1.2E-06
1.9E-07	1.0E-03	6.3E-10	1.6E-01	5.5E-03	5.4E-13	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12	3.0E+00	1.2E-06
1.9E-07	1.0E-03	5.8E-10	1.6E-01	5.5E-03	5.0E-13	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.5E-12	2.8E+00	1.2E-06
1.9E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-03	4.6E-13	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	2.6E+00	1.2E-06
1.9E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-03	4.2E-13	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12	3.0E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	3.3E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.8E-12	3.3E+00	1.2E-06
1.9E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	3.5E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	3.5E+00	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	3.7E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	3.7E+00	1.2E-06
1.9E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12	3.9E+00	1.2E-06
1.9E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-03	6.1E-13	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	3.2E+00	1.2E-06
1.9E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-03	5.6E-13	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12	3.0E+00	1.2E-06
1.9E-07	1.0E-03	6.0E-10	1.6E-01	5.5E-03	5.2E-13	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.5E-12	2.8E+00	1.2E-06
1.9E-07	1.0E-03	5.6E-10	1.6E-01	5.5E-03	4.8E-13	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.4E-12	2.7E+00	1.2E-06
1.9E-07	1.0E-03	5.1E-10	1.6E-01	5.5E-03	4.4E-13	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.3E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	4.7E-10	1.6E-01	5.5E-03	4.1E-13	2.3E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.2E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.9E-13	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	2.7E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.7E-13	2.9E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.6E-12	2.9E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	3.1E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	3.1E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12	3.3E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.2E-12	3.5E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	3.5E+00	1.2E-06
1.9E-07	1.0E-03	6.6E-10	1.6E-01	5.5E-03	5.7E-13	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12	3.0E+00	1.2E-06
1.9E-07	1.0E-03	6.2E-10	1.6E-01	5.5E-03	5.3E-13	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.5E-12	2.8E+00	1.2E-06
1.9E-07	1.0E-03	5.7E-10	1.6E-01	5.5E-03	4.9E-13	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.4E-12	2.7E+00	1.2E-06
1.9E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-03	4.6E-13	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-03	4.2E-13	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-03	3.9E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	9.1E-10	1.6E-01	5.5E-03	7.8E-13	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	9.8E-10	1.6E-01	5.5E-03	8.4E-13	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.4E-12	2.7E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	9.0E-13	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.5E-12	2.8E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.5E-13	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12	3.0E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	9.9E-13	3.1E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	3.1E+00	1.2E-06
1.9E-07	1.0E-03	6.2E-10	1.6E-01	5.5E-03	5.4E-13	2.8E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	2.8E+00	1.2E-06
1.9E-07	1.0E-03	5.8E-10	1.6E-01	5.5E-03	5.0E-13	2.6E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.4E-12	2.6E+00	1.2E-06
1.9E-07	1.0E-03	5.4E-10	1.6E-01	5.5E-03	4.7E-13	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-03	4.3E-13	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	4.7E-10	1.6E-01	5.5E-03	4.1E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	4.4E-10	1.6E-01	5.5E-03	3.8E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	8.1E-10	1.6E-01	5.5E-03	6.9E-13	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	8.6E-10	1.6E-01	5.5E-03	7.4E-13	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	9.1E-10	1.6E-01	5.5E-03	7.9E-13	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	2.6E+00	1.2E-06

1.9E-07	1.0E-03	9.6E-10	1.6E-01	5.5E-03	8.3E-13	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	2.7E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.6E-13	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.5E-12	2.8E+00	1.2E-06
1.9E-07	1.0E-03	5.9E-10	1.6E-01	5.5E-03	5.1E-13	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	2.6E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-03	4.7E-13	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.3E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	5.1E-10	1.6E-01	5.5E-03	4.4E-13	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-03	4.1E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-03	3.9E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.2E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-03	3.6E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	7.2E-10	1.6E-01	5.5E-03	6.2E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	7.6E-10	1.6E-01	5.5E-03	6.6E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	8.1E-10	1.6E-01	5.5E-03	6.9E-13	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	8.5E-10	1.6E-01	5.5E-03	7.3E-13	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.3E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	8.8E-10	1.6E-01	5.5E-03	7.6E-13	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	2.6E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-03	4.8E-13	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	5.2E-10	1.6E-01	5.5E-03	4.5E-13	2.3E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-03	4.2E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-03	3.9E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-03	3.7E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	4.0E-10	1.6E-01	5.5E-03	3.5E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	6.4E-10	1.6E-01	5.5E-03	5.5E-13	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	6.8E-10	1.6E-01	5.5E-03	5.9E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	7.2E-10	1.6E-01	5.5E-03	6.2E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	7.5E-10	1.6E-01	5.5E-03	6.5E-13	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	7.8E-10	1.6E-01	5.5E-03	6.7E-13	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	8.0E-10	1.6E-01	5.5E-03	6.9E-13	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	8.1E-10	1.6E-01	5.5E-03	7.0E-13	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	8.2E-10	1.6E-01	5.5E-03	7.1E-13	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	2.6E+00	1.2E-06
1.9E-07	1.0E-03	8.2E-10	1.6E-01	5.5E-03	7.1E-13	2.6E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.4E-12	2.6E+00	1.2E-06
1.9E-07	1.0E-03	8.2E-10	1.6E-01	5.5E-03	7.0E-13	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.4E-12	2.7E+00	1.2E-06
1.9E-07	1.0E-03	8.0E-10	1.6E-01	5.5E-03	6.9E-13	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	2.7E+00	1.2E-06
1.9E-07	1.0E-03	7.8E-10	1.6E-01	5.5E-03	6.8E-13	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	2.7E+00	1.2E-06
1.9E-07	1.0E-03	7.6E-10	1.6E-01	5.5E-03	6.6E-13	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	2.7E+00	1.2E-06
1.9E-07	1.0E-03	7.4E-10	1.6E-01	5.5E-03	6.3E-13	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	2.7E+00	1.2E-06
1.9E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-03	6.1E-13	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.4E-12	2.7E+00	1.2E-06
1.9E-07	1.0E-03	6.8E-10	1.6E-01	5.5E-03	5.8E-13	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	2.6E+00	1.2E-06
1.9E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-03	5.6E-13	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	2.6E+00	1.2E-06
1.9E-07	1.0E-03	6.1E-10	1.6E-01	5.5E-03	5.3E-13	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.3E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	5.8E-10	1.6E-01	5.5E-03	5.0E-13	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-03	4.7E-13	2.3E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	5.2E-10	1.6E-01	5.5E-03	4.5E-13	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-03	4.2E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-03	4.0E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	4.4E-10	1.6E-01	5.5E-03	3.8E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-03	3.5E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-03	3.3E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.9E-13	1.8E+00	1.2E-06
1.9E-07	1.0E-03	5.8E-10	1.6E-01	5.5E-03	5.0E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.8E-13	1.8E+00	1.2E-06
1.9E-07	1.0E-03	6.1E-10	1.6E-01	5.5E-03	5.3E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	6.4E-10	1.6E-01	5.5E-03	5.5E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	6.7E-10	1.6E-01	5.5E-03	5.8E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	2.1E+00	1.2E-06

1.9E-07	1.0E-03	6.9E-10	1.6E-01	5.5E-03	6.0E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-03	6.1E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	7.3E-10	1.6E-01	5.5E-03	6.3E-13	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	7.4E-10	1.6E-01	5.5E-03	6.3E-13	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	7.4E-10	1.6E-01	5.5E-03	6.3E-13	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	7.3E-10	1.6E-01	5.5E-03	6.3E-13	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	7.2E-10	1.6E-01	5.5E-03	6.2E-13	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.3E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-03	6.1E-13	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.3E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	6.9E-10	1.6E-01	5.5E-03	6.0E-13	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.3E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	6.7E-10	1.6E-01	5.5E-03	5.8E-13	2.5E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-03	5.6E-13	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	6.3E-10	1.6E-01	5.5E-03	5.4E-13	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	6.0E-10	1.6E-01	5.5E-03	5.2E-13	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	5.7E-10	1.6E-01	5.5E-03	4.9E-13	2.3E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-03	4.7E-13	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	5.2E-10	1.6E-01	5.5E-03	4.5E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-03	4.2E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-03	4.0E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	4.4E-10	1.6E-01	5.5E-03	3.8E-13	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-03	3.6E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-03	3.4E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.8E-13	1.8E+00	1.2E-06
1.9E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-03	3.2E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.4E-13	1.7E+00	1.2E-06
1.9E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-03	4.5E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.1E-13	1.7E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-03	4.8E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.5E-13	1.8E+00	1.2E-06
1.9E-07	1.0E-03	5.8E-10	1.6E-01	5.5E-03	5.0E-13	1.8E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	6.0E-10	1.6E-01	5.5E-03	5.2E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	6.2E-10	1.6E-01	5.5E-03	5.4E-13	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	6.4E-10	1.6E-01	5.5E-03	5.5E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-03	5.6E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	6.6E-10	1.6E-01	5.5E-03	5.7E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	6.6E-10	1.6E-01	5.5E-03	5.7E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	6.6E-10	1.6E-01	5.5E-03	5.7E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	6.6E-10	1.6E-01	5.5E-03	5.7E-13	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-03	5.6E-13	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	6.3E-10	1.6E-01	5.5E-03	5.4E-13	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	6.2E-10	1.6E-01	5.5E-03	5.3E-13	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	6.0E-10	1.6E-01	5.5E-03	5.2E-13	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	5.8E-10	1.6E-01	5.5E-03	5.0E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	5.6E-10	1.6E-01	5.5E-03	4.8E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-03	4.6E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	5.1E-10	1.6E-01	5.5E-03	4.4E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-03	4.2E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-03	4.0E-13	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	4.4E-10	1.6E-01	5.5E-03	3.8E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-03	3.6E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	4.0E-10	1.6E-01	5.5E-03	3.4E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.7E-13	1.8E+00	1.2E-06
1.9E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-03	3.2E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.3E-13	1.7E+00	1.2E-06
1.9E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-03	3.1E-13	1.7E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.9E-13	1.7E+00	1.2E-06
1.9E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-03	4.1E-13	1.6E+00	6.0E-07	1.0E-03	9.8E-10	1.6E-01	5.5E-03	8.5E-13	1.6E+00	1.2E-06

1.9E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-03	4.3E-13	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.9E-13	1.6E+00	1.2E-06
1.9E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-03	4.5E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.2E-13	1.7E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-03	4.7E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.6E-13	1.8E+00	1.2E-06
1.9E-07	1.0E-03	5.6E-10	1.6E-01	5.5E-03	4.9E-13	1.8E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	9.9E-13	1.8E+00	1.2E-06
1.9E-07	1.0E-03	5.8E-10	1.6E-01	5.5E-03	5.0E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	5.9E-10	1.6E-01	5.5E-03	5.1E-13	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	6.0E-10	1.6E-01	5.5E-03	5.1E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	6.0E-10	1.6E-01	5.5E-03	5.2E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	6.0E-10	1.6E-01	5.5E-03	5.2E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	6.0E-10	1.6E-01	5.5E-03	5.1E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	5.9E-10	1.6E-01	5.5E-03	5.1E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	5.8E-10	1.6E-01	5.5E-03	5.0E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	5.7E-10	1.6E-01	5.5E-03	4.9E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-03	4.8E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-03	4.6E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	5.2E-10	1.6E-01	5.5E-03	4.4E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-03	4.3E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-03	4.1E-13	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-03	3.9E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-03	3.7E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-03	3.6E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.8E-13	1.8E+00	1.2E-06
1.9E-07	1.0E-03	4.0E-10	1.6E-01	5.5E-03	3.4E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.5E-13	1.8E+00	1.2E-06
1.9E-07	1.0E-03	3.8E-10	1.6E-01	5.5E-03	3.2E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.2E-13	1.7E+00	1.2E-06
1.9E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-03	3.1E-13	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.8E-13	1.6E+00	1.2E-06
1.9E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-03	2.9E-13	1.6E+00	6.0E-07	1.0E-03	9.9E-10	1.6E-01	5.5E-03	8.5E-13	1.6E+00	1.2E-06
1.9E-07	1.0E-03	4.4E-10	1.6E-01	5.5E-03	3.8E-13	1.5E+00	6.0E-07	1.0E-03	9.2E-10	1.6E-01	5.5E-03	7.9E-13	1.5E+00	1.2E-06
1.9E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-03	4.0E-13	1.5E+00	6.0E-07	1.0E-03	9.6E-10	1.6E-01	5.5E-03	8.3E-13	1.5E+00	1.2E-06
1.9E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-03	4.1E-13	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.6E-13	1.6E+00	1.2E-06
1.9E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-03	4.3E-13	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.9E-13	1.6E+00	1.2E-06
1.9E-07	1.0E-03	5.1E-10	1.6E-01	5.5E-03	4.4E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.2E-13	1.7E+00	1.2E-06
1.9E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-03	4.5E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.5E-13	1.8E+00	1.2E-06
1.9E-07	1.0E-03	5.4E-10	1.6E-01	5.5E-03	4.6E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.8E-13	1.8E+00	1.2E-06
1.9E-07	1.0E-03	5.4E-10	1.6E-01	5.5E-03	4.7E-13	1.8E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-03	4.7E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-03	4.7E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-03	4.7E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	5.4E-10	1.6E-01	5.5E-03	4.6E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-03	4.6E-13	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	5.2E-10	1.6E-01	5.5E-03	4.5E-13	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	5.1E-10	1.6E-01	5.5E-03	4.4E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-03	4.3E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-03	4.1E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-03	4.0E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-03	3.8E-13	1.8E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	9.9E-13	1.8E+00	1.2E-06
1.9E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-03	3.7E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.7E-13	1.8E+00	1.2E-06
1.9E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-03	3.5E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.5E-13	1.8E+00	1.2E-06
1.9E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-03	3.4E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.2E-13	1.7E+00	1.2E-06
1.9E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-03	3.2E-13	1.7E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.9E-13	1.7E+00	1.2E-06
1.9E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-03	3.1E-13	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.7E-13	1.6E+00	1.2E-06

1.9E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-03	2.9E-13	1.6E+00	6.0E-07	1.0E-03	9.7E-10	1.6E-01	5.5E-03	8.4E-13	1.6E+00	1.2E-06
1.9E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-03	2.8E-13	1.5E+00	6.0E-07	1.0E-03	9.4E-10	1.6E-01	5.5E-03	8.1E-13	1.5E+00	1.2E-06
1.9E-07	1.0E-03	4.0E-10	1.6E-01	5.5E-03	3.5E-13	1.4E+00	6.0E-07	1.0E-03	8.6E-10	1.6E-01	5.5E-03	7.4E-13	1.4E+00	1.2E-06
1.9E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-03	3.6E-13	1.4E+00	6.0E-07	1.0E-03	9.0E-10	1.6E-01	5.5E-03	7.7E-13	1.4E+00	1.2E-06
1.9E-07	1.0E-03	4.4E-10	1.6E-01	5.5E-03	3.8E-13	1.5E+00	6.0E-07	1.0E-03	9.3E-10	1.6E-01	5.5E-03	8.0E-13	1.5E+00	1.2E-06
1.9E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-03	3.9E-13	1.5E+00	6.0E-07	1.0E-03	9.6E-10	1.6E-01	5.5E-03	8.3E-13	1.5E+00	1.2E-06
1.9E-07	1.0E-03	4.7E-10	1.6E-01	5.5E-03	4.0E-13	1.6E+00	6.0E-07	1.0E-03	9.9E-10	1.6E-01	5.5E-03	8.6E-13	1.6E+00	1.2E-06
1.9E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-03	4.1E-13	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.8E-13	1.6E+00	1.2E-06
1.9E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-03	4.2E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.0E-13	1.7E+00	1.2E-06
1.9E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-03	4.3E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.3E-13	1.7E+00	1.2E-06
1.9E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-03	4.3E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.4E-13	1.7E+00	1.2E-06
1.9E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-03	4.3E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.6E-13	1.8E+00	1.2E-06
1.9E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-03	4.3E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.7E-13	1.8E+00	1.2E-06
1.9E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-03	4.3E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.8E-13	1.8E+00	1.2E-06
1.9E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-03	4.2E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.8E-13	1.8E+00	1.2E-06
1.9E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-03	4.2E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.8E-13	1.8E+00	1.2E-06
1.9E-07	1.0E-03	4.7E-10	1.6E-01	5.5E-03	4.1E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.8E-13	1.8E+00	1.2E-06
1.9E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-03	4.0E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.7E-13	1.8E+00	1.2E-06
1.9E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-03	3.9E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.6E-13	1.8E+00	1.2E-06
1.9E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-03	3.7E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.5E-13	1.8E+00	1.2E-06
1.9E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-03	3.6E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.3E-13	1.7E+00	1.2E-06
1.9E-07	1.0E-03	4.0E-10	1.6E-01	5.5E-03	3.5E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.1E-13	1.7E+00	1.2E-06
1.9E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-03	3.3E-13	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.9E-13	1.6E+00	1.2E-06
1.9E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-03	3.2E-13	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.7E-13	1.6E+00	1.2E-06
1.9E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-03	3.1E-13	1.6E+00	6.0E-07	1.0E-03	9.8E-10	1.6E-01	5.5E-03	8.5E-13	1.6E+00	1.2E-06
1.9E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-03	2.9E-13	1.5E+00	6.0E-07	1.0E-03	9.5E-10	1.6E-01	5.5E-03	8.2E-13	1.5E+00	1.2E-06
1.9E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-03	2.8E-13	1.5E+00	6.0E-07	1.0E-03	9.2E-10	1.6E-01	5.5E-03	8.0E-13	1.5E+00	1.2E-06
1.9E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-03	2.7E-13	1.4E+00	6.0E-07	1.0E-03	8.9E-10	1.6E-01	5.5E-03	7.7E-13	1.4E+00	1.2E-06

Franklin School Project

Risk From New Building Demo (Port. 2) - Unmitigated Residential

Haul Route 1A							Haul Route 2A					
D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk	
1.0E-03	4.4E-10	1.6E-01	5.5E-03	3.7E-13	3.9E+00	1.3E-07	1.0E-03	5.4E-10	1.6E-01	5.5E-03	4.6E-13	0.001695588
1.0E-03	5.0E-10	1.6E-01	5.5E-03	4.3E-13	4.4E+00	1.3E-07	1.0E-03	6.0E-10	1.6E-01	5.5E-03	5.2E-13	0.001868857
1.0E-03	5.8E-10	1.6E-01	5.5E-03	5.0E-13	4.7E+00	1.3E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-03	5.6E-13	0.002055163
1.0E-03	6.6E-10	1.6E-01	5.5E-03	5.7E-13	4.8E+00	1.3E-07	1.0E-03	6.7E-10	1.6E-01	5.5E-03	5.8E-13	0.002251157
1.0E-03	7.5E-10	1.6E-01	5.5E-03	6.5E-13	4.8E+00	1.3E-07	1.0E-03	6.7E-10	1.6E-01	5.5E-03	5.8E-13	0.002449795
1.0E-03	8.3E-10	1.6E-01	5.5E-03	7.2E-13	4.7E+00	1.3E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-03	5.6E-13	0.002641452
1.0E-03	9.1E-10	1.6E-01	5.5E-03	7.8E-13	4.3E+00	1.3E-07	1.0E-03	5.9E-10	1.6E-01	5.5E-03	5.1E-13	0.002836076
1.0E-03	9.9E-10	1.6E-01	5.5E-03	8.5E-13	3.6E+00	1.3E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-03	4.3E-13	0.002997713
1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.3E-13	2.8E+00	1.3E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-03	3.4E-13	0.003187159
1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	2.2E+00	1.3E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-03	2.6E-13	0.003356634
1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	1.6E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	2.0E-13	0.003625503
1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.5E-13	0.003897001
1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.2E-12	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13	0.004133599
1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.5E-14	0.004329027
1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12	6.5E-01	1.3E-07	1.0E-03	9.0E-11	1.6E-01	5.5E-03	7.8E-14	0.004468194
1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.7E-13	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	5.5E-03	6.5E-14	0.004521766
1.0E-03	5.1E-10	1.6E-01	5.5E-03	4.3E-13	8.3E+00	1.3E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.9E-13	0.001904228
1.0E-03	6.0E-10	1.6E-01	5.5E-03	5.2E-13	8.9E+00	1.3E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12	0.002128794
1.0E-03	7.1E-10	1.6E-01	5.5E-03	6.1E-13	9.3E+00	1.3E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	0.002373436
1.0E-03	8.4E-10	1.6E-01	5.5E-03	7.3E-13	9.5E+00	1.3E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	0.002639961
1.0E-03	9.8E-10	1.6E-01	5.5E-03	8.5E-13	9.4E+00	1.3E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	0.002915739
1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.7E-13	9.0E+00	1.3E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12	0.00319078
1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	7.7E+00	1.3E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.2E-13	0.003467586
1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	5.3E+00	1.3E-07	1.0E-03	7.3E-10	1.6E-01	5.5E-03	6.3E-13	0.003704598
1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.3E-12	3.4E+00	1.3E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-03	4.1E-13	0.003974418
1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	2.3E+00	1.3E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-03	2.8E-13	0.004242276
1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.6E-12	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	2.0E-13	0.004648469
1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.6E-12	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13	0.005033112
1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.5E-12	9.4E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	0.005346071
1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.9E-14	0.00556377
1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	6.1E-01	1.3E-07	1.0E-03	8.4E-11	1.6E-01	5.5E-03	7.2E-14	0.005661958
1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	5.5E-03	6.0E-14	0.005620932
1.0E-03	5.9E-10	1.6E-01	5.5E-03	5.0E-13	6.9E+00	1.3E-07	1.0E-03	9.5E-10	1.6E-01	5.5E-03	8.2E-13	0.002140088
1.0E-03	7.2E-10	1.6E-01	5.5E-03	6.2E-13	1.1E+01	1.3E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	0.002427218
1.0E-03	8.8E-10	1.6E-01	5.5E-03	7.6E-13	6.2E+00	1.3E-07	1.0E-03	8.5E-10	1.6E-01	5.5E-03	7.4E-13	0.002758107
1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.4E-13	6.1E+00	1.3E-07	1.0E-03	8.5E-10	1.6E-01	5.5E-03	7.3E-13	0.003127107
1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.2E-12	6.0E+00	1.3E-07	1.0E-03	8.3E-10	1.6E-01	5.5E-03	7.2E-13	0.003523781
1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	5.4E+00	1.3E-07	1.0E-03	7.4E-10	1.6E-01	5.5E-03	6.4E-13	0.003926496
1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12	6.2E+00	1.3E-07	1.0E-03	8.6E-10	1.6E-01	5.5E-03	7.4E-13	0.004346225
1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12	7.1E+00	1.3E-07	1.0E-03	9.9E-10	1.6E-01	5.5E-03	8.5E-13	0.004719215
1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12	3.6E+00	1.3E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-03	4.3E-13	0.005109418
1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.3E-12	2.2E+00	1.3E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-03	2.7E-13	0.005555171
1.0E-03	2.7E-09	1.6E-01	5.5E-03	2.3E-12	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13	0.006198419

1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.2E-12	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13	0.006726092
1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	8.5E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13	0.007106683
1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	6.7E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	5.5E-03	8.0E-14	0.007286215
1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	5.5E-03	6.5E-14	0.007236774
1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	4.5E-01	1.3E-07	1.0E-03	6.3E-11	1.6E-01	5.5E-03	5.4E-14	0.006988606
1.0E-03	6.7E-10	1.6E-01	5.5E-03	5.8E-13	6.3E+00	1.3E-07	1.0E-03	8.8E-10	1.6E-01	5.5E-03	7.5E-13	0.002405942
1.0E-03	8.5E-10	1.6E-01	5.5E-03	7.3E-13	1.0E+01	1.3E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	0.002777991
1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.5E-13	5.6E+00	1.3E-07	1.0E-03	7.8E-10	1.6E-01	5.5E-03	6.7E-13	0.003225498
1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	5.5E+00	1.3E-07	1.0E-03	7.6E-10	1.6E-01	5.5E-03	6.5E-13	0.00374771
1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12	5.3E+00	1.3E-07	1.0E-03	7.3E-10	1.6E-01	5.5E-03	6.3E-13	0.004336153
1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.1E-12	4.5E+00	1.3E-07	1.0E-03	6.3E-10	1.6E-01	5.5E-03	5.4E-13	0.004966789
1.0E-03	3.0E-09	1.6E-01	5.5E-03	2.6E-12	5.2E+00	1.3E-07	1.0E-03	7.2E-10	1.6E-01	5.5E-03	6.2E-13	0.005609987
1.0E-03	3.6E-09	1.6E-01	5.5E-03	3.1E-12	6.0E+00	1.3E-07	1.0E-03	8.3E-10	1.6E-01	5.5E-03	7.2E-13	0.006174691
1.0E-03	4.1E-09	1.6E-01	5.5E-03	3.6E-12	3.0E+00	1.3E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-03	3.6E-13	0.006816554
1.0E-03	4.3E-09	1.6E-01	5.5E-03	3.7E-12	1.9E+00	1.3E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-03	2.2E-13	0.007610802
1.0E-03	4.0E-09	1.6E-01	5.5E-03	3.5E-12	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.5E-13	0.008679275
1.0E-03	3.5E-09	1.6E-01	5.5E-03	3.0E-12	9.5E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	0.009368155
1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.8E-14	0.009710842
1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.0E-12	5.9E-01	1.3E-07	1.0E-03	8.2E-11	1.6E-01	5.5E-03	7.0E-14	0.009657106
1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.7E-12	4.8E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	5.5E-03	5.8E-14	0.009253591
1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.3E-12	4.0E-01	1.3E-07	1.0E-03	5.6E-11	1.6E-01	5.5E-03	4.8E-14	0.008614786
1.0E-03	7.6E-10	1.6E-01	5.5E-03	6.5E-13	7.0E+00	1.3E-07	1.0E-03	9.7E-10	1.6E-01	5.5E-03	8.4E-13	0.00269779
1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.6E-13	7.3E+00	1.3E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.7E-13	0.003180678
1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	7.4E+00	1.3E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.8E-13	0.00378904
1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	7.3E+00	1.3E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.7E-13	0.004539297
1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12	7.0E+00	1.3E-07	1.0E-03	9.7E-10	1.6E-01	5.5E-03	8.4E-13	0.005433758
1.0E-03	4.2E-09	1.6E-01	5.5E-03	3.6E-12	6.4E+00	1.3E-07	1.0E-03	8.9E-10	1.6E-01	5.5E-03	7.7E-13	0.006466245
1.0E-03	5.7E-09	1.6E-01	5.5E-03	4.9E-12	5.2E+00	1.3E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-03	6.1E-13	0.007568015
1.0E-03	7.3E-09	1.6E-01	5.5E-03	6.3E-12	3.4E+00	1.3E-07	1.0E-03	4.7E-10	1.6E-01	5.5E-03	4.1E-13	0.008578585
1.0E-03	8.0E-09	1.6E-01	5.5E-03	6.9E-12	2.2E+00	1.3E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-03	2.6E-13	0.009772332
1.0E-03	7.2E-09	1.6E-01	5.5E-03	6.2E-12	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13	0.011463725
1.0E-03	5.8E-09	1.6E-01	5.5E-03	5.0E-12	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13	0.01285646
1.0E-03	4.4E-09	1.6E-01	5.5E-03	3.8E-12	8.2E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.7E-14	0.013596732
1.0E-03	3.4E-09	1.6E-01	5.5E-03	2.9E-12	6.4E-01	1.3E-07	1.0E-03	8.9E-11	1.6E-01	5.5E-03	7.7E-14	0.013531153
1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.2E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	5.5E-03	6.2E-14	0.01281285
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1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	3.6E-01	1.3E-07	1.0E-03	5.0E-11	1.6E-01	5.5E-03	4.3E-14	0.010408717
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1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.8E-13	3.8E+00	1.3E-07	1.0E-03	5.2E-10	1.6E-01	5.5E-03	4.5E-13	0.003624551
1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.4E-12	3.8E+00	1.3E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-03	4.6E-13	0.004449574
1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.2E-12	3.8E+00	1.3E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-03	4.6E-13	0.005529226
1.0E-03	4.5E-09	1.6E-01	5.5E-03	3.8E-12	3.7E+00	1.3E-07	1.0E-03	5.1E-10	1.6E-01	5.5E-03	4.4E-13	0.006922672
1.0E-03	8.3E-09	1.6E-01	5.5E-03	7.2E-12	3.4E+00	1.3E-07	1.0E-03	4.7E-10	1.6E-01	5.5E-03	4.0E-13	0.008700847
1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11	2.9E+00	1.3E-07	1.0E-03	4.0E-10	1.6E-01	5.5E-03	3.4E-13	0.010768422
1.0E-03	1.9E-08	1.6E-01	5.5E-03	1.7E-11	2.2E+00	1.3E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-03	2.7E-13	0.012989355
1.0E-03	1.7E-08	1.6E-01	5.5E-03	1.4E-11	1.6E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	2.0E-13	0.015395415
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1.0E-03	7.4E-09	1.6E-01	5.5E-03	6.4E-12	9.1E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	0.020340469
1.0E-03	5.0E-09	1.6E-01	5.5E-03	4.3E-12	7.1E-01	1.3E-07	1.0E-03	9.8E-11	1.6E-01	5.5E-03	8.5E-14	0.020330184

1.0E-03	3.5E-09	1.6E-01	5.5E-03	3.0E-12	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	5.5E-03	6.8E-14	0.018870557
1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.2E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	5.5E-03	5.6E-14	0.016691364
1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.7E-12	3.9E-01	1.3E-07	1.0E-03	5.4E-11	1.6E-01	5.5E-03	4.7E-14	0.014340632
1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	3.3E-01	1.3E-07	1.0E-03	4.6E-11	1.6E-01	5.5E-03	4.0E-14	0.012147162
1.0E-03	8.7E-10	1.6E-01	5.5E-03	7.5E-13	2.2E+00	1.3E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-03	2.6E-13	0.003300755
1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12	2.4E+00	1.3E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-03	2.8E-13	0.004078675
1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12	2.4E+00	1.3E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-03	2.9E-13	0.005175764
1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.7E-12	2.4E+00	1.3E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-03	2.9E-13	0.006716303
1.0E-03	6.4E-09	1.6E-01	5.5E-03	5.6E-12	2.4E+00	1.3E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-03	2.8E-13	0.008910029
1.0E-03	1.8E-08	1.6E-01	5.5E-03	1.6E-11	2.2E+00	1.3E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-03	2.6E-13	0.012130256
1.0E-03	6.9E-08	1.6E-01	5.5E-03	6.0E-11	1.9E+00	1.3E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-03	2.3E-13	0.016571175
1.0E-03	7.8E-08	1.6E-01	5.5E-03	6.7E-11	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-03	1.9E-13	0.022012623
1.0E-03	3.1E-08	1.6E-01	5.5E-03	2.6E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.5E-13	0.02828201
1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13	0.034302858
1.0E-03	7.8E-09	1.6E-01	5.5E-03	6.7E-12	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.4E-14	0.03411968
1.0E-03	4.8E-09	1.6E-01	5.5E-03	4.2E-12	6.3E-01	1.3E-07	1.0E-03	8.7E-11	1.6E-01	5.5E-03	7.5E-14	0.030485427
1.0E-03	3.3E-09	1.6E-01	5.5E-03	2.8E-12	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	5.5E-03	6.1E-14	0.025540296
1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	4.3E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	5.5E-03	5.1E-14	0.020762422
1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	3.6E-01	1.3E-07	1.0E-03	5.0E-11	1.6E-01	5.5E-03	4.3E-14	0.016682624
1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.2E-12	3.1E-01	1.3E-07	1.0E-03	4.2E-11	1.6E-01	5.5E-03	3.7E-14	0.01348548
1.0E-03	8.8E-10	1.6E-01	5.5E-03	7.6E-13	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13	0.003570253
1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-03	1.9E-13	0.004519071
1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	2.0E-13	0.005911349
1.0E-03	3.3E-09	1.6E-01	5.5E-03	2.8E-12	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-03	2.0E-13	0.008030474
1.0E-03	7.1E-09	1.6E-01	5.5E-03	6.1E-12	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	2.0E-13	0.011435182
1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.1E-11	8.5E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13	0.072148208
1.0E-03	6.6E-09	1.6E-01	5.5E-03	5.7E-12	6.9E-01	1.3E-07	1.0E-03	9.6E-11	1.6E-01	5.5E-03	8.2E-14	0.057341028
1.0E-03	4.1E-09	1.6E-01	5.5E-03	3.5E-12	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	5.5E-03	6.8E-14	0.043399292
1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	5.5E-03	5.6E-14	0.032227714
1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	3.9E-01	1.3E-07	1.0E-03	5.5E-11	1.6E-01	5.5E-03	4.7E-14	0.024015843
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1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	2.9E-01	1.3E-07	1.0E-03	4.0E-11	1.6E-01	5.5E-03	3.4E-14	0.014047734
1.0E-03	8.5E-10	1.6E-01	5.5E-03	7.3E-13	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13	0.00375047
1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.4E-13	0.004847196
1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13	0.00648316
1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12	1.3E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13	0.009146033
1.0E-03	5.3E-09	1.6E-01	5.5E-03	4.5E-12	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13	0.013727712
1.0E-03	8.3E-09	1.6E-01	5.5E-03	7.1E-12	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.6E-14	0.14600384
1.0E-03	5.0E-09	1.6E-01	5.5E-03	4.3E-12	6.1E-01	1.3E-07	1.0E-03	8.4E-11	1.6E-01	5.5E-03	7.2E-14	0.086432103
1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.8E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	5.5E-03	6.1E-14	0.054249388
1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	4.3E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	5.5E-03	5.2E-14	0.036475814
1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.4E-12	3.7E-01	1.3E-07	1.0E-03	5.1E-11	1.6E-01	5.5E-03	4.4E-14	0.025182447
1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	3.1E-01	1.3E-07	1.0E-03	4.4E-11	1.6E-01	5.5E-03	3.7E-14	0.018212589
1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.7E-13	2.7E-01	1.3E-07	1.0E-03	3.8E-11	1.6E-01	5.5E-03	3.2E-14	0.013603022
1.0E-03	7.8E-10	1.6E-01	5.5E-03	6.7E-13	8.3E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	9.9E-14	0.003858226
1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.1E-13	9.0E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.1E-13	0.005027477
1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	9.4E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	0.006791028
1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	9.6E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	0.009782607
1.0E-03	3.5E-09	1.6E-01	5.5E-03	3.0E-12	9.6E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	0.015032172

1.0E-03	5.4E-09	1.6E-01	5.5E-03	4.6E-12	6.1E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	5.5E-03	7.3E-14	0.215813514
1.0E-03	3.7E-09	1.6E-01	5.5E-03	3.1E-12	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	5.5E-03	6.3E-14	0.103978815
1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.2E-12	4.6E-01	1.3E-07	1.0E-03	6.3E-11	1.6E-01	5.5E-03	5.4E-14	0.057111267
1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12	4.0E-01	1.3E-07	1.0E-03	5.5E-11	1.6E-01	5.5E-03	4.7E-14	0.035911244
1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	3.4E-01	1.3E-07	1.0E-03	4.7E-11	1.6E-01	5.5E-03	4.1E-14	0.023639908
1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.6E-13	3.0E-01	1.3E-07	1.0E-03	4.1E-11	1.6E-01	5.5E-03	3.5E-14	0.016705858
1.0E-03	8.9E-10	1.6E-01	5.5E-03	7.7E-13	2.6E-01	1.3E-07	1.0E-03	3.6E-11	1.6E-01	5.5E-03	3.1E-14	0.012308088
1.0E-03	7.0E-10	1.6E-01	5.5E-03	6.0E-13	6.5E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	5.5E-03	7.8E-14	0.003833023
1.0E-03	9.0E-10	1.6E-01	5.5E-03	7.8E-13	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	5.5E-03	8.4E-14	0.004897894
1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.8E-14	0.006719728
1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.4E-12	7.6E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.0E-14	0.009612633
1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12	7.6E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.1E-14	0.014844814
1.0E-03	3.8E-09	1.6E-01	5.5E-03	3.3E-12	5.3E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	5.5E-03	6.4E-14	0.329189359
1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	5.5E-03	5.6E-14	0.097476099
1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12	4.1E-01	1.3E-07	1.0E-03	5.7E-11	1.6E-01	5.5E-03	4.9E-14	0.047727782
1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	3.6E-01	1.3E-07	1.0E-03	5.0E-11	1.6E-01	5.5E-03	4.3E-14	0.030544178
1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	3.2E-01	1.3E-07	1.0E-03	4.4E-11	1.6E-01	5.5E-03	3.8E-14	0.020212731
1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.6E-13	2.8E-01	1.3E-07	1.0E-03	3.9E-11	1.6E-01	5.5E-03	3.3E-14	0.014251162
1.0E-03	8.1E-10	1.6E-01	5.5E-03	6.9E-13	2.4E-01	1.3E-07	1.0E-03	3.4E-11	1.6E-01	5.5E-03	2.9E-14	0.010616599
1.0E-03	6.1E-10	1.6E-01	5.5E-03	5.3E-13	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	5.5E-03	6.3E-14	0.003475586
1.0E-03	7.6E-10	1.6E-01	5.5E-03	6.6E-13	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	5.5E-03	6.8E-14	0.004445466
1.0E-03	9.8E-10	1.6E-01	5.5E-03	8.4E-13	6.0E-01	1.3E-07	1.0E-03	8.2E-11	1.6E-01	5.5E-03	7.1E-14	0.005894335
1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	6.1E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	5.5E-03	7.3E-14	0.008652613
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1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12	5.8E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	5.5E-03	6.9E-14	0.047122838
1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.7E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	5.5E-03	6.5E-14	0.128535666
1.0E-03	3.1E-09	1.6E-01	5.5E-03	2.7E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	5.5E-03	6.1E-14	0.210596976
1.0E-03	2.7E-09	1.6E-01	5.5E-03	2.4E-12	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	5.5E-03	5.5E-14	0.136955359
1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	5.5E-03	5.0E-14	0.066613662
1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	3.7E-01	1.3E-07	1.0E-03	5.1E-11	1.6E-01	5.5E-03	4.4E-14	0.034545375
1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	3.2E-01	1.3E-07	1.0E-03	4.5E-11	1.6E-01	5.5E-03	3.9E-14	0.022505003
1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.7E-13	2.9E-01	1.3E-07	1.0E-03	4.1E-11	1.6E-01	5.5E-03	3.5E-14	0.0165749
1.0E-03	9.1E-10	1.6E-01	5.5E-03	7.8E-13	2.6E-01	1.3E-07	1.0E-03	3.6E-11	1.6E-01	5.5E-03	3.1E-14	0.011966008
1.0E-03	7.4E-10	1.6E-01	5.5E-03	6.4E-13	2.3E-01	1.3E-07	1.0E-03	3.2E-11	1.6E-01	5.5E-03	2.8E-14	0.009051904
1.0E-03	5.3E-10	1.6E-01	5.5E-03	4.6E-13	4.4E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	5.5E-03	5.2E-14	0.003230946
1.0E-03	6.5E-10	1.6E-01	5.5E-03	5.6E-13	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	5.5E-03	5.6E-14	0.00408259
1.0E-03	8.0E-10	1.6E-01	5.5E-03	6.9E-13	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	5.5E-03	5.8E-14	0.005267978
1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.8E-13	5.0E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	5.5E-03	6.0E-14	0.007757494
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1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12	4.7E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	5.5E-03	5.5E-14	0.049768721
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1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	4.0E-01	1.3E-07	1.0E-03	5.6E-11	1.6E-01	5.5E-03	4.8E-14	0.059265268
1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	3.7E-01	1.3E-07	1.0E-03	5.1E-11	1.6E-01	5.5E-03	4.4E-14	0.041452243
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1.0E-03	9.9E-10	1.6E-01	5.5E-03	8.5E-13	2.7E-01	1.3E-07	1.0E-03	3.7E-11	1.6E-01	5.5E-03	3.2E-14	0.013516817

1.0E-03	8.2E-10	1.6E-01	5.5E-03	7.1E-13	2.4E-01	1.3E-07	1.0E-03	3.4E-11	1.6E-01	5.5E-03	2.9E-14	0.010260361
1.0E-03	6.8E-10	1.6E-01	5.5E-03	5.9E-13	2.2E-01	1.3E-07	1.0E-03	3.0E-11	1.6E-01	5.5E-03	2.6E-14	0.007883392
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1.0E-03	6.8E-10	1.6E-01	5.5E-03	5.8E-13	4.1E-01	1.3E-07	1.0E-03	5.7E-11	1.6E-01	5.5E-03	4.9E-14	0.005071591
1.0E-03	8.4E-10	1.6E-01	5.5E-03	7.2E-13	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	5.5E-03	5.0E-14	0.006678816
1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.9E-13	4.3E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	5.5E-03	5.1E-14	0.009064269
1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12	4.2E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	5.5E-03	5.0E-14	0.012957522
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1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	4.0E-01	1.3E-07	1.0E-03	5.5E-11	1.6E-01	5.5E-03	4.7E-14	0.027093169
1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	3.8E-01	1.3E-07	1.0E-03	5.2E-11	1.6E-01	5.5E-03	4.5E-14	0.033152491
1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	3.5E-01	1.3E-07	1.0E-03	4.9E-11	1.6E-01	5.5E-03	4.2E-14	0.032059298
1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	3.2E-01	1.3E-07	1.0E-03	4.4E-11	1.6E-01	5.5E-03	3.8E-14	0.025134989
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1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.6E-13	2.7E-01	1.3E-07	1.0E-03	3.7E-11	1.6E-01	5.5E-03	3.2E-14	0.014543997
1.0E-03	8.3E-10	1.6E-01	5.5E-03	7.1E-13	2.4E-01	1.3E-07	1.0E-03	3.3E-11	1.6E-01	5.5E-03	2.9E-14	0.010659544
1.0E-03	7.4E-10	1.6E-01	5.5E-03	6.4E-13	2.3E-01	1.3E-07	1.0E-03	3.1E-11	1.6E-01	5.5E-03	2.7E-14	0.008888059
1.0E-03	6.3E-10	1.6E-01	5.5E-03	5.4E-13	2.1E-01	1.3E-07	1.0E-03	2.8E-11	1.6E-01	5.5E-03	2.4E-14	0.007038789
1.0E-03	4.1E-10	1.6E-01	5.5E-03	3.5E-13	3.1E-01	1.3E-07	1.0E-03	4.3E-11	1.6E-01	5.5E-03	3.7E-14	0.002935258
1.0E-03	4.8E-10	1.6E-01	5.5E-03	4.2E-13	3.3E-01	1.3E-07	1.0E-03	4.6E-11	1.6E-01	5.5E-03	4.0E-14	0.003583261
1.0E-03	5.7E-10	1.6E-01	5.5E-03	4.9E-13	3.5E-01	1.3E-07	1.0E-03	4.8E-11	1.6E-01	5.5E-03	4.1E-14	0.004451433
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1.0E-03	8.2E-10	1.6E-01	5.5E-03	7.1E-13	3.6E-01	1.3E-07	1.0E-03	5.0E-11	1.6E-01	5.5E-03	4.3E-14	0.007309605
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1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.3E-13	3.5E-01	1.3E-07	1.0E-03	4.9E-11	1.6E-01	5.5E-03	4.2E-14	0.013450357
1.0E-03	1.2E-09	1.6E-01	5.5E-03	9.9E-13	3.4E-01	1.3E-07	1.0E-03	4.7E-11	1.6E-01	5.5E-03	4.1E-14	0.017121398
1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	3.3E-01	1.3E-07	1.0E-03	4.5E-11	1.6E-01	5.5E-03	3.9E-14	0.019851633
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1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.3E-13	2.9E-01	1.3E-07	1.0E-03	4.0E-11	1.6E-01	5.5E-03	3.5E-14	0.018362243
1.0E-03	9.9E-10	1.6E-01	5.5E-03	8.6E-13	2.7E-01	1.3E-07	1.0E-03	3.8E-11	1.6E-01	5.5E-03	3.2E-14	0.015503862
1.0E-03	8.8E-10	1.6E-01	5.5E-03	7.6E-13	2.5E-01	1.3E-07	1.0E-03	3.5E-11	1.6E-01	5.5E-03	3.0E-14	0.012424792
1.0E-03	7.2E-10	1.6E-01	5.5E-03	6.2E-13	2.2E-01	1.3E-07	1.0E-03	3.1E-11	1.6E-01	5.5E-03	2.6E-14	0.009050507
1.0E-03	6.3E-10	1.6E-01	5.5E-03	5.4E-13	2.0E-01	1.3E-07	1.0E-03	2.8E-11	1.6E-01	5.5E-03	2.4E-14	0.007222795
1.0E-03	5.7E-10	1.6E-01	5.5E-03	4.9E-13	1.9E-01	1.3E-07	1.0E-03	2.7E-11	1.6E-01	5.5E-03	2.3E-14	0.006315628
1.0E-03	3.6E-10	1.6E-01	5.5E-03	3.1E-13	2.7E-01	1.3E-07	1.0E-03	3.8E-11	1.6E-01	5.5E-03	3.2E-14	0.002694875
1.0E-03	4.2E-10	1.6E-01	5.5E-03	3.6E-13	2.9E-01	1.3E-07	1.0E-03	4.0E-11	1.6E-01	5.5E-03	3.4E-14	0.003204334
1.0E-03	4.9E-10	1.6E-01	5.5E-03	4.2E-13	3.0E-01	1.3E-07	1.0E-03	4.1E-11	1.6E-01	5.5E-03	3.6E-14	0.003866838
1.0E-03	5.8E-10	1.6E-01	5.5E-03	5.0E-13	3.1E-01	1.3E-07	1.0E-03	4.2E-11	1.6E-01	5.5E-03	3.7E-14	0.004764608
1.0E-03	6.7E-10	1.6E-01	5.5E-03	5.8E-13	3.1E-01	1.3E-07	1.0E-03	4.3E-11	1.6E-01	5.5E-03	3.7E-14	0.005999428
1.0E-03	7.6E-10	1.6E-01	5.5E-03	6.6E-13	3.1E-01	1.3E-07	1.0E-03	4.3E-11	1.6E-01	5.5E-03	3.7E-14	0.007694102
1.0E-03	8.5E-10	1.6E-01	5.5E-03	7.3E-13	3.1E-01	1.3E-07	1.0E-03	4.2E-11	1.6E-01	5.5E-03	3.7E-14	0.009754204
1.0E-03	9.0E-10	1.6E-01	5.5E-03	7.8E-13	3.0E-01	1.3E-07	1.0E-03	4.1E-11	1.6E-01	5.5E-03	3.6E-14	0.011863363
1.0E-03	9.3E-10	1.6E-01	5.5E-03	8.0E-13	2.9E-01	1.3E-07	1.0E-03	4.0E-11	1.6E-01	5.5E-03	3.4E-14	0.013411861
1.0E-03	9.2E-10	1.6E-01	5.5E-03	7.9E-13	2.7E-01	1.3E-07	1.0E-03	3.8E-11	1.6E-01	5.5E-03	3.3E-14	0.013869465
1.0E-03	8.8E-10	1.6E-01	5.5E-03	7.6E-13	2.6E-01	1.3E-07	1.0E-03	3.6E-11	1.6E-01	5.5E-03	3.1E-14	0.013263828
1.0E-03	8.2E-10	1.6E-01	5.5E-03	7.1E-13	2.4E-01	1.3E-07	1.0E-03	3.4E-11	1.6E-01	5.5E-03	2.9E-14	0.011817152
1.0E-03	7.5E-10	1.6E-01	5.5E-03	6.5E-13	2.3E-01	1.3E-07	1.0E-03	3.2E-11	1.6E-01	5.5E-03	2.7E-14	0.010046722
1.0E-03	6.7E-10	1.6E-01	5.5E-03	5.8E-13	2.1E-01	1.3E-07	1.0E-03	2.9E-11	1.6E-01	5.5E-03	2.5E-14	0.008304774
1.0E-03	5.6E-10	1.6E-01	5.5E-03	4.8E-13	1.9E-01	1.3E-07	1.0E-03	2.6E-11	1.6E-01	5.5E-03	2.2E-14	0.006311141

1.0E-03	4.9E-10	1.6E-01	5.5E-03	4.2E-13	1.7E-01	1.3E-07	1.0E-03	2.4E-11	1.6E-01	5.5E-03	2.1E-14	0.005244234
1.0E-03	3.2E-10	1.6E-01	5.5E-03	2.8E-13	2.4E-01	1.3E-07	1.0E-03	3.3E-11	1.6E-01	5.5E-03	2.8E-14	0.002390729
1.0E-03	3.7E-10	1.6E-01	5.5E-03	3.2E-13	2.5E-01	1.3E-07	1.0E-03	3.5E-11	1.6E-01	5.5E-03	3.0E-14	0.002823102
1.0E-03	4.2E-10	1.6E-01	5.5E-03	3.7E-13	2.6E-01	1.3E-07	1.0E-03	3.6E-11	1.6E-01	5.5E-03	3.1E-14	0.003346547
1.0E-03	4.9E-10	1.6E-01	5.5E-03	4.2E-13	2.7E-01	1.3E-07	1.0E-03	3.7E-11	1.6E-01	5.5E-03	3.2E-14	0.004010498
1.0E-03	5.6E-10	1.6E-01	5.5E-03	4.8E-13	2.7E-01	1.3E-07	1.0E-03	3.7E-11	1.6E-01	5.5E-03	3.2E-14	0.004931678
1.0E-03	6.2E-10	1.6E-01	5.5E-03	5.4E-13	2.7E-01	1.3E-07	1.0E-03	3.7E-11	1.6E-01	5.5E-03	3.2E-14	0.006047164
1.0E-03	6.8E-10	1.6E-01	5.5E-03	5.9E-13	2.7E-01	1.3E-07	1.0E-03	3.7E-11	1.6E-01	5.5E-03	3.2E-14	0.007393765
1.0E-03	7.3E-10	1.6E-01	5.5E-03	6.3E-13	2.6E-01	1.3E-07	1.0E-03	3.6E-11	1.6E-01	5.5E-03	3.1E-14	0.008694682
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1.0E-03	7.5E-10	1.6E-01	5.5E-03	6.4E-13	2.4E-01	1.3E-07	1.0E-03	3.4E-11	1.6E-01	5.5E-03	2.9E-14	0.010062337
1.0E-03	7.2E-10	1.6E-01	5.5E-03	6.2E-13	2.3E-01	1.3E-07	1.0E-03	3.2E-11	1.6E-01	5.5E-03	2.8E-14	0.009852291
1.0E-03	6.9E-10	1.6E-01	5.5E-03	5.9E-13	2.2E-01	1.3E-07	1.0E-03	3.1E-11	1.6E-01	5.5E-03	2.6E-14	0.009135851
1.0E-03	6.4E-10	1.6E-01	5.5E-03	5.5E-13	2.1E-01	1.3E-07	1.0E-03	2.9E-11	1.6E-01	5.5E-03	2.5E-14	0.008133339
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1.0E-03	5.2E-10	1.6E-01	5.5E-03	4.5E-13	1.8E-01	1.3E-07	1.0E-03	2.5E-11	1.6E-01	5.5E-03	2.1E-14	0.005883591
1.0E-03	4.4E-10	1.6E-01	5.5E-03	3.8E-13	1.6E-01	1.3E-07	1.0E-03	2.2E-11	1.6E-01	5.5E-03	1.9E-14	0.004656514
1.0E-03	2.9E-10	1.6E-01	5.5E-03	2.5E-13	2.1E-01	1.3E-07	1.0E-03	2.9E-11	1.6E-01	5.5E-03	2.5E-14	0.002166673
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1.0E-03	4.2E-10	1.6E-01	5.5E-03	3.6E-13	2.3E-01	1.3E-07	1.0E-03	3.2E-11	1.6E-01	5.5E-03	2.8E-14	0.003449612
1.0E-03	4.7E-10	1.6E-01	5.5E-03	4.1E-13	2.4E-01	1.3E-07	1.0E-03	3.3E-11	1.6E-01	5.5E-03	2.8E-14	0.004117409
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1.0E-03	5.6E-10	1.6E-01	5.5E-03	4.9E-13	2.4E-01	1.3E-07	1.0E-03	3.3E-11	1.6E-01	5.5E-03	2.8E-14	0.005812083
1.0E-03	6.0E-10	1.6E-01	5.5E-03	5.1E-13	2.3E-01	1.3E-07	1.0E-03	3.2E-11	1.6E-01	5.5E-03	2.8E-14	0.006661629
1.0E-03	6.1E-10	1.6E-01	5.5E-03	5.3E-13	2.3E-01	1.3E-07	1.0E-03	3.1E-11	1.6E-01	5.5E-03	2.7E-14	0.007296247
1.0E-03	6.2E-10	1.6E-01	5.5E-03	5.3E-13	2.2E-01	1.3E-07	1.0E-03	3.0E-11	1.6E-01	5.5E-03	2.6E-14	0.007611314
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1.0E-03	5.5E-10	1.6E-01	5.5E-03	4.7E-13	1.9E-01	1.3E-07	1.0E-03	2.6E-11	1.6E-01	5.5E-03	2.3E-14	0.006618127
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1.0E-03	4.6E-10	1.6E-01	5.5E-03	4.0E-13	1.7E-01	1.3E-07	1.0E-03	2.3E-11	1.6E-01	5.5E-03	2.0E-14	0.005150989
1.0E-03	4.0E-10	1.6E-01	5.5E-03	3.5E-13	1.5E-01	1.3E-07	1.0E-03	2.1E-11	1.6E-01	5.5E-03	1.8E-14	0.004195058
1.0E-03	1.8E-08	1.6E-01	5.5E-03	1.6E-11	2.2E+00	1.3E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-03	2.6E-13	0.012130256
1.0E-03	2.4E-08	1.6E-01	5.5E-03	2.0E-11	2.2E+00	1.3E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-03	2.6E-13	0.012847566
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1.0E-03	4.1E-08	1.6E-01	5.5E-03	3.5E-11	2.1E+00	1.3E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-03	2.4E-13	0.014516595
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1.0E-03	6.9E-08	1.6E-01	5.5E-03	6.0E-11	1.9E+00	1.3E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-03	2.3E-13	0.016571175
1.0E-03	8.1E-08	1.6E-01	5.5E-03	7.0E-11	1.9E+00	1.3E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-03	2.2E-13	0.017526564
1.0E-03	8.8E-08	1.6E-01	5.5E-03	7.5E-11	1.8E+00	1.3E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-03	2.2E-13	0.018495772
1.0E-03	9.0E-08	1.6E-01	5.5E-03	7.7E-11	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-03	2.1E-13	0.019530593
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1.0E-03	7.8E-08	1.6E-01	5.5E-03	6.7E-11	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-03	1.9E-13	0.022012623
1.0E-03	6.6E-08	1.6E-01	5.5E-03	5.7E-11	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13	0.023047807
1.0E-03	5.4E-08	1.6E-01	5.5E-03	4.7E-11	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-03	1.8E-13	0.024233446
1.0E-03	4.5E-08	1.6E-01	5.5E-03	3.8E-11	1.4E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-03	1.7E-13	0.025539043
1.0E-03	3.7E-08	1.6E-01	5.5E-03	3.2E-11	1.3E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-03	1.6E-13	0.027070989
1.0E-03	3.1E-08	1.6E-01	5.5E-03	2.6E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.5E-13	0.02828201

1.0E-03	2.6E-08	1.6E-01	5.5E-03	2.2E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13	0.029878817
1.0E-03	2.2E-08	1.6E-01	5.5E-03	1.9E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.4E-13	0.031549765
1.0E-03	1.9E-08	1.6E-01	5.5E-03	1.6E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13	0.032852814
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1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13	0.034302858
1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.1E-11	9.5E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	0.034606381
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1.0E-03	9.7E-09	1.6E-01	5.5E-03	8.3E-12	8.7E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13	0.034763879
1.0E-03	8.6E-09	1.6E-01	5.5E-03	7.4E-12	8.3E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.9E-14	0.03451565
1.0E-03	7.8E-09	1.6E-01	5.5E-03	6.7E-12	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.4E-14	0.03411968
1.0E-03	2.1E-08	1.6E-01	5.5E-03	1.8E-11	2.0E+00	1.3E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-03	2.4E-13	0.013008905
1.0E-03	2.8E-08	1.6E-01	5.5E-03	2.4E-11	2.0E+00	1.3E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-03	2.4E-13	0.013827406
1.0E-03	3.9E-08	1.6E-01	5.5E-03	3.3E-11	2.0E+00	1.3E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-03	2.3E-13	0.014751935
1.0E-03	5.5E-08	1.6E-01	5.5E-03	4.8E-11	1.9E+00	1.3E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-03	2.3E-13	0.015779619
1.0E-03	2.0E-08	1.6E-01	5.5E-03	1.7E-11	1.9E+00	1.3E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-03	2.2E-13	0.016936763
1.0E-03	2.8E-08	1.6E-01	5.5E-03	2.4E-11	1.8E+00	1.3E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-03	2.2E-13	0.018160126
1.0E-03	4.1E-08	1.6E-01	5.5E-03	3.5E-11	1.8E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-03	2.1E-13	0.019294306
1.0E-03	6.0E-08	1.6E-01	5.5E-03	5.1E-11	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-03	2.0E-13	0.020502669
1.0E-03	6.1E-08	1.6E-01	5.5E-03	5.2E-11	1.6E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	2.0E-13	0.021811596
1.0E-03	4.5E-08	1.6E-01	5.5E-03	3.9E-11	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-03	1.9E-13	0.023260218
1.0E-03	3.4E-08	1.6E-01	5.5E-03	2.9E-11	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13	0.024867226
1.0E-03	8.8E-08	1.6E-01	5.5E-03	7.6E-11	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-03	1.7E-13	0.02621762
1.0E-03	6.7E-08	1.6E-01	5.5E-03	5.7E-11	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-03	1.7E-13	0.02765012
1.0E-03	5.2E-08	1.6E-01	5.5E-03	4.4E-11	1.3E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-03	1.6E-13	0.029280259
1.0E-03	4.1E-08	1.6E-01	5.5E-03	3.5E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.5E-13	0.031336184
1.0E-03	3.3E-08	1.6E-01	5.5E-03	2.8E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13	0.032901064
1.0E-03	2.7E-08	1.6E-01	5.5E-03	2.3E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.4E-13	0.034745078
1.0E-03	2.3E-08	1.6E-01	5.5E-03	2.0E-11	1.1E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.3E-13	0.036620168
1.0E-03	1.9E-08	1.6E-01	5.5E-03	1.7E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13	0.038096164
1.0E-03	1.6E-08	1.6E-01	5.5E-03	1.4E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13	0.038968205
1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11	9.7E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.2E-13	0.039424573
1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.1E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	0.039557027
1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.3E-12	8.8E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.1E-13	0.039528914
1.0E-03	9.6E-09	1.6E-01	5.5E-03	8.2E-12	8.4E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13	0.039210695
1.0E-03	8.5E-09	1.6E-01	5.5E-03	7.3E-12	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.6E-14	0.038665571
1.0E-03	7.6E-09	1.6E-01	5.5E-03	6.6E-12	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.2E-14	0.037968428
1.0E-03	2.3E-08	1.6E-01	5.5E-03	2.0E-11	1.9E+00	1.3E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-03	2.3E-13	0.013970061
1.0E-03	3.2E-08	1.6E-01	5.5E-03	2.8E-11	1.9E+00	1.3E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-03	2.2E-13	0.014929713
1.0E-03	4.7E-08	1.6E-01	5.5E-03	4.0E-11	1.8E+00	1.3E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-03	2.2E-13	0.016026237
1.0E-03	7.3E-08	1.6E-01	5.5E-03	6.3E-11	1.8E+00	1.3E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-03	2.1E-13	0.01724994
1.0E-03	2.3E-08	1.6E-01	5.5E-03	2.0E-11	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-03	2.1E-13	0.01857954
1.0E-03	3.5E-08	1.6E-01	5.5E-03	3.0E-11	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-03	2.0E-13	0.020061238
1.0E-03	5.6E-08	1.6E-01	5.5E-03	4.8E-11	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	2.0E-13	0.02144088
1.0E-03	0.0E+00	1.6E-01	5.5E-03	0.0E+00	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-03	1.9E-13	0.022883791
1.0E-03	0.0E+00	1.6E-01	5.5E-03	0.0E+00	1.6E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13	0.024538705
1.0E-03	5.6E-08	1.6E-01	5.5E-03	4.8E-11	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13	0.026456555
1.0E-03	3.9E-08	1.6E-01	5.5E-03	3.3E-11	1.4E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-03	1.7E-13	0.02848069
1.0E-03	2.9E-08	1.6E-01	5.5E-03	2.5E-11	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-03	1.7E-13	0.030115125
1.0E-03	7.9E-08	1.6E-01	5.5E-03	6.8E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.6E-13	0.032077824

1.0E-03	5.7E-08	1.6E-01	5.5E-03	4.9E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.5E-13	0.034108904
1.0E-03	4.3E-08	1.6E-01	5.5E-03	3.7E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13	0.03672807
1.0E-03	3.4E-08	1.6E-01	5.5E-03	3.0E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.4E-13	0.038788499
1.0E-03	2.8E-08	1.6E-01	5.5E-03	2.4E-11	1.1E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.3E-13	0.040942267
1.0E-03	2.3E-08	1.6E-01	5.5E-03	2.0E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13	0.043087297
1.0E-03	1.9E-08	1.6E-01	5.5E-03	1.7E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13	0.044613526
1.0E-03	1.6E-08	1.6E-01	5.5E-03	1.4E-11	9.8E-01	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13	0.045352011
1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11	9.4E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	0.045555189
1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.0E-11	9.0E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.1E-13	0.045403973
1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.1E-12	8.6E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13	0.044996742
1.0E-03	9.4E-09	1.6E-01	5.5E-03	8.1E-12	8.2E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.7E-14	0.044282522
1.0E-03	8.3E-09	1.6E-01	5.5E-03	7.2E-12	7.8E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.3E-14	0.043341925
1.0E-03	7.4E-09	1.6E-01	5.5E-03	6.4E-12	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.9E-14	0.042252057
1.0E-03	2.4E-08	1.6E-01	5.5E-03	2.1E-11	1.8E+00	1.3E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-03	2.1E-13	0.014980658
1.0E-03	3.5E-08	1.6E-01	5.5E-03	3.0E-11	1.8E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-03	2.1E-13	0.016153575
1.0E-03	5.3E-08	1.6E-01	5.5E-03	4.6E-11	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-03	2.0E-13	0.017466802
1.0E-03	1.7E-08	1.6E-01	5.5E-03	1.5E-11	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	2.0E-13	0.018836735
1.0E-03	2.5E-08	1.6E-01	5.5E-03	2.2E-11	1.6E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	2.0E-13	0.020452427
1.0E-03	4.0E-08	1.6E-01	5.5E-03	3.5E-11	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-03	1.9E-13	0.022243865
1.0E-03	0.0E+00	1.6E-01	5.5E-03	0.0E+00	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-03	1.9E-13	0.0239676
1.0E-03	0.0E+00	1.6E-01	5.5E-03	0.0E+00	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13	0.025953465
1.0E-03	0.0E+00	1.6E-01	5.5E-03	0.0E+00	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-03	1.7E-13	0.028082892
1.0E-03	6.4E-08	1.6E-01	5.5E-03	5.5E-11	1.4E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-03	1.7E-13	0.030467112
1.0E-03	4.1E-08	1.6E-01	5.5E-03	3.6E-11	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-03	1.6E-13	0.032920971
1.0E-03	3.0E-08	1.6E-01	5.5E-03	2.6E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.6E-13	0.035209875
1.0E-03	8.8E-08	1.6E-01	5.5E-03	7.6E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.5E-13	0.03779864
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1.0E-03	4.4E-08	1.6E-01	5.5E-03	3.8E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.4E-13	0.043591169
1.0E-03	3.4E-08	1.6E-01	5.5E-03	3.0E-11	1.1E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.3E-13	0.046393522
1.0E-03	2.8E-08	1.6E-01	5.5E-03	2.4E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13	0.049014264
1.0E-03	2.3E-08	1.6E-01	5.5E-03	1.9E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13	0.051367315
1.0E-03	1.9E-08	1.6E-01	5.5E-03	1.6E-11	9.9E-01	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13	0.052760121
1.0E-03	1.6E-08	1.6E-01	5.5E-03	1.4E-11	9.5E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	0.05319359
1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11	9.1E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	0.052939603
1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.0E-11	8.7E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13	0.052297261
1.0E-03	1.0E-08	1.6E-01	5.5E-03	8.9E-12	8.3E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.9E-14	0.05129485
1.0E-03	9.1E-09	1.6E-01	5.5E-03	7.8E-12	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.5E-14	0.050014819
1.0E-03	8.1E-09	1.6E-01	5.5E-03	6.9E-12	7.6E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.1E-14	0.048544462
1.0E-03	7.2E-09	1.6E-01	5.5E-03	6.2E-12	7.3E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.7E-14	0.046942593
1.0E-03	2.4E-08	1.6E-01	5.5E-03	2.1E-11	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	2.0E-13	0.016030895
1.0E-03	3.5E-08	1.6E-01	5.5E-03	3.0E-11	1.6E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	2.0E-13	0.017425682
1.0E-03	5.4E-08	1.6E-01	5.5E-03	4.6E-11	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-03	1.9E-13	0.018980389
1.0E-03	1.7E-08	1.6E-01	5.5E-03	1.5E-11	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-03	1.9E-13	0.02063155
1.0E-03	2.6E-08	1.6E-01	5.5E-03	2.2E-11	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13	0.022603941
1.0E-03	2.6E-08	1.6E-01	5.5E-03	2.3E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13	0.059714479
1.0E-03	2.2E-08	1.6E-01	5.5E-03	1.9E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13	0.061981832
1.0E-03	1.8E-08	1.6E-01	5.5E-03	1.6E-11	9.5E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	0.063005198
1.0E-03	1.5E-08	1.6E-01	5.5E-03	1.3E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	0.062781759
1.0E-03	1.3E-08	1.6E-01	5.5E-03	1.1E-11	8.8E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13	0.061782881

1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.7E-12	8.4E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13	0.060283839
1.0E-03	9.9E-09	1.6E-01	5.5E-03	8.5E-12	8.1E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.6E-14	0.058449004
1.0E-03	8.7E-09	1.6E-01	5.5E-03	7.5E-12	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.2E-14	0.05641267
1.0E-03	7.7E-09	1.6E-01	5.5E-03	6.7E-12	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.8E-14	0.054249509
1.0E-03	6.9E-09	1.6E-01	5.5E-03	6.0E-12	7.1E-01	1.3E-07	1.0E-03	9.8E-11	1.6E-01	5.5E-03	8.5E-14	0.052000482
1.0E-03	2.3E-08	1.6E-01	5.5E-03	2.0E-11	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-03	1.9E-13	0.017215196
1.0E-03	3.3E-08	1.6E-01	5.5E-03	2.8E-11	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13	0.018770041
1.0E-03	4.9E-08	1.6E-01	5.5E-03	4.2E-11	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13	0.02056719
1.0E-03	1.6E-08	1.6E-01	5.5E-03	1.4E-11	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13	0.022525839
1.0E-03	2.4E-08	1.6E-01	5.5E-03	2.0E-11	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-03	1.7E-13	0.024941244
1.0E-03	2.5E-08	1.6E-01	5.5E-03	2.1E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13	0.073985526
1.0E-03	2.0E-08	1.6E-01	5.5E-03	1.7E-11	9.6E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	0.075851541
1.0E-03	1.7E-08	1.6E-01	5.5E-03	1.5E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	0.075917799
1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11	8.8E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.1E-13	0.074454669
1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.1E-11	8.5E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13	0.072148208
1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.2E-12	8.1E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.7E-14	0.069444871
1.0E-03	9.4E-09	1.6E-01	5.5E-03	8.1E-12	7.8E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.3E-14	0.066452716
1.0E-03	8.3E-09	1.6E-01	5.5E-03	7.1E-12	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.9E-14	0.063394558
1.0E-03	7.4E-09	1.6E-01	5.5E-03	6.3E-12	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.6E-14	0.060371857
1.0E-03	6.6E-09	1.6E-01	5.5E-03	5.7E-12	6.9E-01	1.3E-07	1.0E-03	9.6E-11	1.6E-01	5.5E-03	8.2E-14	0.057341028
1.0E-03	2.1E-08	1.6E-01	5.5E-03	1.8E-11	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-03	1.8E-13	0.018321994
1.0E-03	2.8E-08	1.6E-01	5.5E-03	2.5E-11	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-03	1.7E-13	0.020011435
1.0E-03	4.0E-08	1.6E-01	5.5E-03	3.4E-11	1.4E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-03	1.7E-13	0.022062142
1.0E-03	5.8E-08	1.6E-01	5.5E-03	5.0E-11	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-03	1.7E-13	0.024425194
1.0E-03	2.0E-08	1.6E-01	5.5E-03	1.7E-11	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-03	1.6E-13	0.027164157
1.0E-03	2.2E-08	1.6E-01	5.5E-03	1.9E-11	9.6E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	0.093541496
1.0E-03	1.9E-08	1.6E-01	5.5E-03	1.6E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	0.093988946
1.0E-03	1.6E-08	1.6E-01	5.5E-03	1.3E-11	8.9E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.1E-13	0.092141971
1.0E-03	1.3E-08	1.6E-01	5.5E-03	1.2E-11	8.5E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13	0.088558153
1.0E-03	1.2E-08	1.6E-01	5.5E-03	9.9E-12	8.2E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.8E-14	0.084272328
1.0E-03	1.0E-08	1.6E-01	5.5E-03	8.7E-12	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.4E-14	0.07990042
1.0E-03	8.8E-09	1.6E-01	5.5E-03	7.6E-12	7.6E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.0E-14	0.075396431
1.0E-03	7.8E-09	1.6E-01	5.5E-03	6.7E-12	7.3E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.7E-14	0.070898728
1.0E-03	7.0E-09	1.6E-01	5.5E-03	6.0E-12	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	5.5E-03	8.4E-14	0.066839098
1.0E-03	6.2E-09	1.6E-01	5.5E-03	5.4E-12	6.7E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	5.5E-03	8.0E-14	0.062933362
1.0E-03	1.9E-08	1.6E-01	5.5E-03	1.6E-11	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-03	1.7E-13	0.01950416
1.0E-03	2.4E-08	1.6E-01	5.5E-03	2.1E-11	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-03	1.6E-13	0.021475485
1.0E-03	3.2E-08	1.6E-01	5.5E-03	2.7E-11	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-03	1.6E-13	0.023824985
1.0E-03	4.2E-08	1.6E-01	5.5E-03	3.6E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.6E-13	0.026556089
1.0E-03	5.6E-08	1.6E-01	5.5E-03	4.8E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.6E-13	0.029934449
1.0E-03	2.0E-08	1.6E-01	5.5E-03	1.7E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	0.121421761
1.0E-03	1.7E-08	1.6E-01	5.5E-03	1.4E-11	8.9E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.1E-13	0.11795956
1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11	8.6E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13	0.112169452
1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.1E-11	8.3E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.8E-14	0.105157438
1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.2E-12	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.5E-14	0.098141577
1.0E-03	9.4E-09	1.6E-01	5.5E-03	8.1E-12	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.1E-14	0.091408651
1.0E-03	8.3E-09	1.6E-01	5.5E-03	7.1E-12	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.8E-14	0.085110147
1.0E-03	7.3E-09	1.6E-01	5.5E-03	6.3E-12	7.1E-01	1.3E-07	1.0E-03	9.8E-11	1.6E-01	5.5E-03	8.4E-14	0.078992181
1.0E-03	6.6E-09	1.6E-01	5.5E-03	5.6E-12	6.8E-01	1.3E-07	1.0E-03	9.4E-11	1.6E-01	5.5E-03	8.1E-14	0.073613075

1.0E-03	5.9E-09	1.6E-01	5.5E-03	5.1E-12	6.6E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	5.5E-03	7.8E-14	0.068709875
1.0E-03	1.6E-08	1.6E-01	5.5E-03	1.4E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.6E-13	0.020701919
1.0E-03	2.0E-08	1.6E-01	5.5E-03	1.7E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.5E-13	0.022961241
1.0E-03	2.5E-08	1.6E-01	5.5E-03	2.2E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.5E-13	0.025664395
1.0E-03	3.1E-08	1.6E-01	5.5E-03	2.7E-11	1.3E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13	0.028779382
1.0E-03	3.9E-08	1.6E-01	5.5E-03	3.4E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13	0.03285698
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1.0E-03	1.5E-08	1.6E-01	5.5E-03	1.3E-11	8.6E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13	0.148749245
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1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.7E-12	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.5E-14	0.124116426
1.0E-03	9.9E-09	1.6E-01	5.5E-03	8.5E-12	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.2E-14	0.11336935
1.0E-03	8.7E-09	1.6E-01	5.5E-03	7.5E-12	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.9E-14	0.103805953
1.0E-03	7.7E-09	1.6E-01	5.5E-03	6.7E-12	7.2E-01	1.3E-07	1.0E-03	9.9E-11	1.6E-01	5.5E-03	8.5E-14	0.095449367
1.0E-03	6.9E-09	1.6E-01	5.5E-03	5.9E-12	6.9E-01	1.3E-07	1.0E-03	9.5E-11	1.6E-01	5.5E-03	8.2E-14	0.087688249
1.0E-03	6.2E-09	1.6E-01	5.5E-03	5.3E-12	6.6E-01	1.3E-07	1.0E-03	9.2E-11	1.6E-01	5.5E-03	7.9E-14	0.080685662
1.0E-03	5.6E-09	1.6E-01	5.5E-03	4.8E-12	6.4E-01	1.3E-07	1.0E-03	8.9E-11	1.6E-01	5.5E-03	7.6E-14	0.074552053
1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13	0.021885069
1.0E-03	1.7E-08	1.6E-01	5.5E-03	1.4E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13	0.024450207
1.0E-03	2.0E-08	1.6E-01	5.5E-03	1.7E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.4E-13	0.027597291
1.0E-03	2.4E-08	1.6E-01	5.5E-03	2.1E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.4E-13	0.031239827
1.0E-03	2.9E-08	1.6E-01	5.5E-03	2.5E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.4E-13	0.036017264
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1.0E-03	1.3E-08	1.6E-01	5.5E-03	1.1E-11	8.3E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.9E-14	0.185502858
1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.0E-11	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.5E-14	0.163017573
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1.0E-03	9.0E-09	1.6E-01	5.5E-03	7.8E-12	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.9E-14	0.129456796
1.0E-03	8.0E-09	1.6E-01	5.5E-03	6.9E-12	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.6E-14	0.116859523
1.0E-03	7.2E-09	1.6E-01	5.5E-03	6.2E-12	7.0E-01	1.3E-07	1.0E-03	9.6E-11	1.6E-01	5.5E-03	8.3E-14	0.106128825
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1.0E-03	5.8E-09	1.6E-01	5.5E-03	5.0E-12	6.5E-01	1.3E-07	1.0E-03	8.9E-11	1.6E-01	5.5E-03	7.7E-14	0.087977137
1.0E-03	5.3E-09	1.6E-01	5.5E-03	4.5E-12	6.2E-01	1.3E-07	1.0E-03	8.6E-11	1.6E-01	5.5E-03	7.4E-14	0.080462149
1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.0E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.4E-13	0.023003186
1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.4E-13	0.025869507
1.0E-03	1.6E-08	1.6E-01	5.5E-03	1.4E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.4E-13	0.029303865
1.0E-03	1.9E-08	1.6E-01	5.5E-03	1.6E-11	1.1E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.4E-13	0.033624415
1.0E-03	2.2E-08	1.6E-01	5.5E-03	1.9E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13	0.039337711
1.0E-03	1.3E-08	1.6E-01	5.5E-03	1.1E-11	8.2E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.8E-14	0.270011693
1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.0E-11	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.5E-14	0.224598574
1.0E-03	1.0E-08	1.6E-01	5.5E-03	9.0E-12	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.2E-14	0.190767078
1.0E-03	9.3E-09	1.6E-01	5.5E-03	8.0E-12	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.9E-14	0.165651079
1.0E-03	8.3E-09	1.6E-01	5.5E-03	7.1E-12	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.6E-14	0.14600384
1.0E-03	7.4E-09	1.6E-01	5.5E-03	6.4E-12	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	5.5E-03	8.3E-14	0.130197063
1.0E-03	6.7E-09	1.6E-01	5.5E-03	5.8E-12	6.8E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	5.5E-03	8.0E-14	0.116894921
1.0E-03	6.0E-09	1.6E-01	5.5E-03	5.2E-12	6.5E-01	1.3E-07	1.0E-03	9.0E-11	1.6E-01	5.5E-03	7.8E-14	0.105528631
1.0E-03	5.5E-09	1.6E-01	5.5E-03	4.7E-12	6.3E-01	1.3E-07	1.0E-03	8.7E-11	1.6E-01	5.5E-03	7.5E-14	0.095518583
1.0E-03	5.0E-09	1.6E-01	5.5E-03	4.3E-12	6.1E-01	1.3E-07	1.0E-03	8.4E-11	1.6E-01	5.5E-03	7.2E-14	0.086432103
1.0E-03	1.0E-08	1.6E-01	5.5E-03	8.6E-12	1.1E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.3E-13	0.024057542
1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.0E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13	0.027247422
1.0E-03	1.3E-08	1.6E-01	5.5E-03	1.2E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13	0.031087939

1.0E-03	1.5E-08	1.6E-01	5.5E-03	1.3E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13	0.036092727
1.0E-03	1.8E-08	1.6E-01	5.5E-03	1.5E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13	0.042726408
1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.0E-11	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.5E-14	0.323362956
1.0E-03	1.0E-08	1.6E-01	5.5E-03	9.0E-12	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.2E-14	0.260829542
1.0E-03	9.4E-09	1.6E-01	5.5E-03	8.1E-12	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.9E-14	0.21729325
1.0E-03	8.5E-09	1.6E-01	5.5E-03	7.3E-12	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.6E-14	0.186131719
1.0E-03	7.6E-09	1.6E-01	5.5E-03	6.6E-12	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	5.5E-03	8.3E-14	0.162373402
1.0E-03	6.9E-09	1.6E-01	5.5E-03	5.9E-12	6.8E-01	1.3E-07	1.0E-03	9.4E-11	1.6E-01	5.5E-03	8.1E-14	0.143483603
1.0E-03	6.2E-09	1.6E-01	5.5E-03	5.4E-12	6.6E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	5.5E-03	7.8E-14	0.127379379
1.0E-03	5.6E-09	1.6E-01	5.5E-03	4.9E-12	6.3E-01	1.3E-07	1.0E-03	8.8E-11	1.6E-01	5.5E-03	7.6E-14	0.114136371
1.0E-03	5.1E-09	1.6E-01	5.5E-03	4.4E-12	6.1E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	5.5E-03	7.3E-14	0.102676573
1.0E-03	4.7E-09	1.6E-01	5.5E-03	4.0E-12	5.9E-01	1.3E-07	1.0E-03	8.2E-11	1.6E-01	5.5E-03	7.1E-14	0.092235755
1.0E-03	8.7E-09	1.6E-01	5.5E-03	7.5E-12	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13	0.025098523
1.0E-03	9.9E-09	1.6E-01	5.5E-03	8.5E-12	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13	0.028598677
1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.7E-12	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13	0.032989065
1.0E-03	1.3E-08	1.6E-01	5.5E-03	1.1E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13	0.038663638
1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13	0.04611438
1.0E-03	1.0E-08	1.6E-01	5.5E-03	8.9E-12	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.1E-14	0.36428207
1.0E-03	9.4E-09	1.6E-01	5.5E-03	8.1E-12	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.9E-14	0.291022846
1.0E-03	8.5E-09	1.6E-01	5.5E-03	7.3E-12	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.6E-14	0.24172237
1.0E-03	7.7E-09	1.6E-01	5.5E-03	6.6E-12	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	5.5E-03	8.3E-14	0.205925629
1.0E-03	7.0E-09	1.6E-01	5.5E-03	6.0E-12	6.8E-01	1.3E-07	1.0E-03	9.4E-11	1.6E-01	5.5E-03	8.1E-14	0.178451507
1.0E-03	6.4E-09	1.6E-01	5.5E-03	5.5E-12	6.6E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	5.5E-03	7.8E-14	0.156431708
1.0E-03	5.8E-09	1.6E-01	5.5E-03	5.0E-12	6.4E-01	1.3E-07	1.0E-03	8.8E-11	1.6E-01	5.5E-03	7.6E-14	0.13803161
1.0E-03	5.3E-09	1.6E-01	5.5E-03	4.6E-12	6.2E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	5.5E-03	7.4E-14	0.122507019
1.0E-03	4.8E-09	1.6E-01	5.5E-03	4.2E-12	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	5.5E-03	7.1E-14	0.10922659
1.0E-03	4.4E-09	1.6E-01	5.5E-03	3.8E-12	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	5.5E-03	6.9E-14	0.097389374
1.0E-03	7.6E-09	1.6E-01	5.5E-03	6.5E-12	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13	0.02597733
1.0E-03	8.5E-09	1.6E-01	5.5E-03	7.3E-12	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13	0.029715656
1.0E-03	9.5E-09	1.6E-01	5.5E-03	8.2E-12	9.9E-01	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13	0.034373251
1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.2E-12	9.8E-01	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13	0.040641375
1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.0E-11	9.7E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.2E-13	0.049021656
1.0E-03	9.2E-09	1.6E-01	5.5E-03	7.9E-12	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.8E-14	0.396124056
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1.0E-03	7.7E-09	1.6E-01	5.5E-03	6.6E-12	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	5.5E-03	8.3E-14	0.266388884
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1.0E-03	5.9E-09	1.6E-01	5.5E-03	5.1E-12	6.4E-01	1.3E-07	1.0E-03	8.8E-11	1.6E-01	5.5E-03	7.6E-14	0.169681911
1.0E-03	5.4E-09	1.6E-01	5.5E-03	4.6E-12	6.2E-01	1.3E-07	1.0E-03	8.6E-11	1.6E-01	5.5E-03	7.4E-14	0.148506833
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1.0E-03	4.5E-09	1.6E-01	5.5E-03	3.9E-12	5.8E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	5.5E-03	6.9E-14	0.115250187
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1.0E-03	6.7E-09	1.6E-01	5.5E-03	5.7E-12	9.7E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.2E-13	0.02673267
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1.0E-03	8.3E-09	1.6E-01	5.5E-03	7.1E-12	9.5E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	0.035834384
1.0E-03	9.1E-09	1.6E-01	5.5E-03	7.9E-12	9.4E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	0.042559725
1.0E-03	1.0E-08	1.6E-01	5.5E-03	8.6E-12	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	0.051796396
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1.0E-03	7.6E-09	1.6E-01	5.5E-03	6.6E-12	6.9E-01	1.3E-07	1.0E-03	9.6E-11	1.6E-01	5.5E-03	8.3E-14	0.35166878

1.0E-03	7.0E-09	1.6E-01	5.5E-03	6.0E-12	6.7E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	5.5E-03	8.0E-14	0.289765363
1.0E-03	6.4E-09	1.6E-01	5.5E-03	5.5E-12	6.6E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	5.5E-03	7.8E-14	0.242869024
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1.0E-03	5.4E-09	1.6E-01	5.5E-03	4.7E-12	6.2E-01	1.3E-07	1.0E-03	8.6E-11	1.6E-01	5.5E-03	7.4E-14	0.179887193
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1.0E-03	4.6E-09	1.6E-01	5.5E-03	4.0E-12	5.8E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	5.5E-03	6.9E-14	0.1371238
1.0E-03	4.3E-09	1.6E-01	5.5E-03	3.7E-12	5.7E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	5.5E-03	6.7E-14	0.119512473
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1.0E-03	7.9E-09	1.6E-01	5.5E-03	6.8E-12	8.9E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.1E-13	0.044185751
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1.0E-03	6.9E-09	1.6E-01	5.5E-03	5.9E-12	6.7E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	5.5E-03	8.0E-14	0.386805303
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1.0E-03	5.9E-09	1.6E-01	5.5E-03	5.1E-12	6.3E-01	1.3E-07	1.0E-03	8.8E-11	1.6E-01	5.5E-03	7.6E-14	0.262933148
1.0E-03	5.4E-09	1.6E-01	5.5E-03	4.6E-12	6.1E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	5.5E-03	7.3E-14	0.215813514
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1.0E-03	4.3E-09	1.6E-01	5.5E-03	3.7E-12	5.6E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	5.5E-03	6.7E-14	0.13784825
1.0E-03	4.0E-09	1.6E-01	5.5E-03	3.4E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	5.5E-03	6.5E-14	0.119973349
1.0E-03	3.7E-09	1.6E-01	5.5E-03	3.1E-12	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	5.5E-03	6.3E-14	0.103978815
1.0E-03	5.3E-09	1.6E-01	5.5E-03	4.5E-12	8.8E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.1E-13	0.027683337
1.0E-03	5.8E-09	1.6E-01	5.5E-03	5.0E-12	8.7E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13	0.032061343
1.0E-03	6.3E-09	1.6E-01	5.5E-03	5.4E-12	8.6E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13	0.037737163
1.0E-03	6.9E-09	1.6E-01	5.5E-03	5.9E-12	8.5E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13	0.045326547
1.0E-03	7.4E-09	1.6E-01	5.5E-03	6.3E-12	8.4E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13	0.055194092
1.0E-03	6.2E-09	1.6E-01	5.5E-03	5.4E-12	6.5E-01	1.3E-07	1.0E-03	9.0E-11	1.6E-01	5.5E-03	7.7E-14	0.438717807
1.0E-03	5.8E-09	1.6E-01	5.5E-03	5.0E-12	6.3E-01	1.3E-07	1.0E-03	8.7E-11	1.6E-01	5.5E-03	7.5E-14	0.355404632
1.0E-03	5.4E-09	1.6E-01	5.5E-03	4.6E-12	6.1E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	5.5E-03	7.3E-14	0.285778538
1.0E-03	4.8E-09	1.6E-01	5.5E-03	4.2E-12	5.9E-01	1.3E-07	1.0E-03	8.2E-11	1.6E-01	5.5E-03	7.0E-14	0.217258835
1.0E-03	4.5E-09	1.6E-01	5.5E-03	3.9E-12	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	5.5E-03	6.8E-14	0.181504674
1.0E-03	4.2E-09	1.6E-01	5.5E-03	3.6E-12	5.6E-01	1.3E-07	1.0E-03	7.7E-11	1.6E-01	5.5E-03	6.6E-14	0.154159943
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1.0E-03	3.6E-09	1.6E-01	5.5E-03	3.1E-12	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	5.5E-03	6.3E-14	0.114402186
1.0E-03	3.4E-09	1.6E-01	5.5E-03	2.9E-12	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	5.5E-03	6.1E-14	0.100661364
1.0E-03	4.7E-09	1.6E-01	5.5E-03	4.1E-12	8.4E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13	0.027933538
1.0E-03	5.2E-09	1.6E-01	5.5E-03	4.5E-12	8.4E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13	0.032488749
1.0E-03	5.6E-09	1.6E-01	5.5E-03	4.8E-12	8.3E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.9E-14	0.038170581
1.0E-03	6.0E-09	1.6E-01	5.5E-03	5.2E-12	8.2E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.7E-14	0.045974287
1.0E-03	6.4E-09	1.6E-01	5.5E-03	5.5E-12	8.1E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.6E-14	0.055878328
1.0E-03	5.4E-09	1.6E-01	5.5E-03	4.6E-12	6.1E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	5.5E-03	7.3E-14	0.406512481
1.0E-03	5.0E-09	1.6E-01	5.5E-03	4.3E-12	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	5.5E-03	7.1E-14	0.323459609
1.0E-03	4.6E-09	1.6E-01	5.5E-03	4.0E-12	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	5.5E-03	6.9E-14	0.250066867
1.0E-03	4.3E-09	1.6E-01	5.5E-03	3.7E-12	5.6E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	5.5E-03	6.7E-14	0.204957798
1.0E-03	4.0E-09	1.6E-01	5.5E-03	3.4E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	5.5E-03	6.5E-14	0.168493778
1.0E-03	3.7E-09	1.6E-01	5.5E-03	3.2E-12	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	5.5E-03	6.3E-14	0.138191515
1.0E-03	3.4E-09	1.6E-01	5.5E-03	3.0E-12	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	5.5E-03	6.1E-14	0.11568887

1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.7E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	5.5E-03	5.9E-14	0.097856192
1.0E-03	4.3E-09	1.6E-01	5.5E-03	3.7E-12	8.1E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.6E-14	0.02794284
1.0E-03	4.6E-09	1.6E-01	5.5E-03	4.0E-12	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.5E-14	0.032526271
1.0E-03	5.0E-09	1.6E-01	5.5E-03	4.3E-12	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.4E-14	0.038432696
1.0E-03	5.3E-09	1.6E-01	5.5E-03	4.6E-12	7.8E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.3E-14	0.045965831
1.0E-03	5.7E-09	1.6E-01	5.5E-03	4.9E-12	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.2E-14	0.055999107
1.0E-03	4.7E-09	1.6E-01	5.5E-03	4.0E-12	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	5.5E-03	6.9E-14	0.381832444
1.0E-03	4.4E-09	1.6E-01	5.5E-03	3.8E-12	5.7E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	5.5E-03	6.7E-14	0.302452952
1.0E-03	4.1E-09	1.6E-01	5.5E-03	3.6E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	5.5E-03	6.6E-14	0.239735807
1.0E-03	3.9E-09	1.6E-01	5.5E-03	3.3E-12	5.4E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	5.5E-03	6.4E-14	0.187532691
1.0E-03	3.6E-09	1.6E-01	5.5E-03	3.1E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	5.5E-03	6.2E-14	0.151976598
1.0E-03	3.3E-09	1.6E-01	5.5E-03	2.9E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	5.5E-03	6.0E-14	0.123329112
1.0E-03	3.1E-09	1.6E-01	5.5E-03	2.7E-12	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	5.5E-03	5.8E-14	0.100532009
1.0E-03	3.9E-09	1.6E-01	5.5E-03	3.3E-12	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.2E-14	0.027749084
1.0E-03	4.2E-09	1.6E-01	5.5E-03	3.6E-12	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.1E-14	0.032336895
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1.0E-03	4.8E-09	1.6E-01	5.5E-03	4.1E-12	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	9.0E-14	0.045364907
1.0E-03	5.0E-09	1.6E-01	5.5E-03	4.3E-12	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.9E-14	0.055171873
1.0E-03	4.1E-09	1.6E-01	5.5E-03	3.5E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	5.5E-03	6.6E-14	0.323503212
1.0E-03	3.9E-09	1.6E-01	5.5E-03	3.3E-12	5.4E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	5.5E-03	6.4E-14	0.246818008
1.0E-03	3.6E-09	1.6E-01	5.5E-03	3.1E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	5.5E-03	6.2E-14	0.191153275
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1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.8E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	5.5E-03	5.9E-14	0.124510387
1.0E-03	3.0E-09	1.6E-01	5.5E-03	2.6E-12	4.8E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	5.5E-03	5.7E-14	0.101567175
1.0E-03	3.5E-09	1.6E-01	5.5E-03	3.0E-12	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.8E-14	0.027326928
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1.0E-03	4.0E-09	1.6E-01	5.5E-03	3.5E-12	7.3E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.7E-14	0.037274132
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1.0E-03	4.5E-09	1.6E-01	5.5E-03	3.9E-12	7.1E-01	1.3E-07	1.0E-03	9.9E-11	1.6E-01	5.5E-03	8.5E-14	0.053594327
1.0E-03	3.8E-09	1.6E-01	5.5E-03	3.3E-12	5.3E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	5.5E-03	6.4E-14	0.329189359
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1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.8E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	5.5E-03	5.9E-14	0.148173914
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1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	5.5E-03	5.6E-14	0.097476099
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1.0E-03	3.7E-09	1.6E-01	5.5E-03	3.1E-12	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	5.5E-03	8.3E-14	0.036182914
1.0E-03	3.9E-09	1.6E-01	5.5E-03	3.3E-12	6.9E-01	1.3E-07	1.0E-03	9.6E-11	1.6E-01	5.5E-03	8.3E-14	0.042631352
1.0E-03	4.0E-09	1.6E-01	5.5E-03	3.5E-12	6.9E-01	1.3E-07	1.0E-03	9.5E-11	1.6E-01	5.5E-03	8.2E-14	0.051412083
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1.0E-03	3.4E-09	1.6E-01	5.5E-03	2.9E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	5.5E-03	6.0E-14	0.227013166
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1.0E-03	3.1E-09	1.6E-01	5.5E-03	2.7E-12	6.8E-01	1.3E-07	1.0E-03	9.4E-11	1.6E-01	5.5E-03	8.1E-14	0.029724157
1.0E-03	3.3E-09	1.6E-01	5.5E-03	2.9E-12	6.7E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	5.5E-03	8.0E-14	0.034594754

1.0E-03	3.5E-09	1.6E-01	5.5E-03	3.0E-12	6.7E-01	1.3E-07	1.0E-03	9.2E-11	1.6E-01	5.5E-03	7.9E-14	0.040724224
1.0E-03	3.7E-09	1.6E-01	5.5E-03	3.1E-12	6.6E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	5.5E-03	7.9E-14	0.048823121
1.0E-03	3.3E-09	1.6E-01	5.5E-03	2.9E-12	5.0E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	5.5E-03	6.0E-14	0.266367096
1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.7E-12	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	5.5E-03	5.9E-14	0.199907348
1.0E-03	3.0E-09	1.6E-01	5.5E-03	2.6E-12	4.8E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	5.5E-03	5.7E-14	0.156171285
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1.0E-03	2.7E-09	1.6E-01	5.5E-03	2.4E-12	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	5.5E-03	5.5E-14	0.104464998
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1.0E-03	2.7E-09	1.6E-01	5.5E-03	2.4E-12	6.5E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	5.5E-03	7.8E-14	0.024956468
1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12	6.5E-01	1.3E-07	1.0E-03	9.0E-11	1.6E-01	5.5E-03	7.7E-14	0.028595695
1.0E-03	3.0E-09	1.6E-01	5.5E-03	2.6E-12	6.5E-01	1.3E-07	1.0E-03	8.9E-11	1.6E-01	5.5E-03	7.7E-14	0.033112308
1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.7E-12	6.4E-01	1.3E-07	1.0E-03	8.9E-11	1.6E-01	5.5E-03	7.6E-14	0.038808927
1.0E-03	3.3E-09	1.6E-01	5.5E-03	2.9E-12	6.3E-01	1.3E-07	1.0E-03	8.8E-11	1.6E-01	5.5E-03	7.6E-14	0.046123519
1.0E-03	3.1E-09	1.6E-01	5.5E-03	2.7E-12	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	5.5E-03	5.8E-14	0.214072154
1.0E-03	3.0E-09	1.6E-01	5.5E-03	2.6E-12	4.8E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	5.5E-03	5.7E-14	0.16941213
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1.0E-03	2.7E-09	1.6E-01	5.5E-03	2.4E-12	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	5.5E-03	5.5E-14	0.113014754
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1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.1E-12	4.4E-01	1.3E-07	1.0E-03	6.1E-11	1.6E-01	5.5E-03	5.2E-14	0.080665616
1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.2E-12	6.3E-01	1.3E-07	1.0E-03	8.7E-11	1.6E-01	5.5E-03	7.5E-14	0.024036465
1.0E-03	2.7E-09	1.6E-01	5.5E-03	2.3E-12	6.3E-01	1.3E-07	1.0E-03	8.7E-11	1.6E-01	5.5E-03	7.4E-14	0.027437749
1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12	6.2E-01	1.3E-07	1.0E-03	8.6E-11	1.6E-01	5.5E-03	7.4E-14	0.031613433
1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12	6.2E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	5.5E-03	7.3E-14	0.036821078
1.0E-03	3.0E-09	1.6E-01	5.5E-03	2.6E-12	6.1E-01	1.3E-07	1.0E-03	8.4E-11	1.6E-01	5.5E-03	7.3E-14	0.043371711
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1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.8E-12	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	5.5E-03	7.1E-14	0.062781627
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1.0E-03	3.4E-09	1.6E-01	5.5E-03	2.9E-12	5.8E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	5.5E-03	7.0E-14	0.099180202
1.0E-03	3.4E-09	1.6E-01	5.5E-03	3.0E-12	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	5.5E-03	6.9E-14	0.129061811
1.0E-03	3.5E-09	1.6E-01	5.5E-03	3.0E-12	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	5.5E-03	6.8E-14	0.166872389
1.0E-03	3.5E-09	1.6E-01	5.5E-03	3.0E-12	5.6E-01	1.3E-07	1.0E-03	7.7E-11	1.6E-01	5.5E-03	6.7E-14	0.209903535
1.0E-03	3.5E-09	1.6E-01	5.5E-03	3.0E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	5.5E-03	6.6E-14	0.247942439
1.0E-03	3.5E-09	1.6E-01	5.5E-03	3.0E-12	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	5.5E-03	6.5E-14	0.276907761
1.0E-03	3.4E-09	1.6E-01	5.5E-03	2.9E-12	5.3E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	5.5E-03	6.4E-14	0.293392648
1.0E-03	3.4E-09	1.6E-01	5.5E-03	2.9E-12	5.2E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	5.5E-03	6.2E-14	0.298349166
1.0E-03	3.3E-09	1.6E-01	5.5E-03	2.8E-12	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	5.5E-03	6.1E-14	0.292041317
1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.8E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	5.5E-03	6.0E-14	0.274885877
1.0E-03	3.1E-09	1.6E-01	5.5E-03	2.7E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	5.5E-03	5.9E-14	0.24468013
1.0E-03	3.0E-09	1.6E-01	5.5E-03	2.6E-12	4.9E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	5.5E-03	5.8E-14	0.206245841
1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12	4.8E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	5.5E-03	5.7E-14	0.169904658
1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	5.5E-03	5.6E-14	0.141048836
1.0E-03	2.7E-09	1.6E-01	5.5E-03	2.3E-12	4.6E-01	1.3E-07	1.0E-03	6.3E-11	1.6E-01	5.5E-03	5.5E-14	0.117784971
1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.2E-12	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	5.5E-03	5.3E-14	0.099623005
1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.1E-12	4.4E-01	1.3E-07	1.0E-03	6.1E-11	1.6E-01	5.5E-03	5.2E-14	0.085092231
1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.0E-12	4.3E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	5.5E-03	5.1E-14	0.073517121
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1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.1E-12	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	5.5E-03	7.2E-14	0.025854489
1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.2E-12	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	5.5E-03	7.1E-14	0.02965535
1.0E-03	2.7E-09	1.6E-01	5.5E-03	2.3E-12	5.9E-01	1.3E-07	1.0E-03	8.2E-11	1.6E-01	5.5E-03	7.1E-14	0.034145643

1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12	5.9E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	5.5E-03	7.0E-14	0.039986649
1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12	5.8E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	5.5E-03	6.9E-14	0.047122838
1.0E-03	3.0E-09	1.6E-01	5.5E-03	2.6E-12	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	5.5E-03	6.9E-14	0.056130868
1.0E-03	3.0E-09	1.6E-01	5.5E-03	2.6E-12	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	5.5E-03	6.8E-14	0.068514485
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1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.7E-12	5.6E-01	1.3E-07	1.0E-03	7.7E-11	1.6E-01	5.5E-03	6.6E-14	0.104099371
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1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.8E-12	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	5.5E-03	6.4E-14	0.1545525
1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.7E-12	5.3E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	5.5E-03	6.4E-14	0.177307168
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1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.7E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	5.5E-03	6.2E-14	0.206439478
1.0E-03	3.1E-09	1.6E-01	5.5E-03	2.7E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	5.5E-03	6.1E-14	0.210596976
1.0E-03	3.1E-09	1.6E-01	5.5E-03	2.6E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	5.5E-03	6.0E-14	0.207375863
1.0E-03	3.0E-09	1.6E-01	5.5E-03	2.6E-12	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	5.5E-03	5.8E-14	0.19712811
1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12	4.8E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	5.5E-03	5.7E-14	0.180252979
1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	5.5E-03	5.6E-14	0.158823156
1.0E-03	2.7E-09	1.6E-01	5.5E-03	2.4E-12	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	5.5E-03	5.5E-14	0.136955359
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1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.2E-12	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	5.5E-03	5.3E-14	0.101344604
1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12	4.4E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	5.5E-03	5.2E-14	0.08758242
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1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	5.8E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	5.5E-03	6.9E-14	0.02164322
1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	5.5E-03	6.9E-14	0.024465227
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1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.1E-12	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	5.5E-03	6.8E-14	0.031767289
1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.2E-12	5.7E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	5.5E-03	6.7E-14	0.036712002
1.0E-03	2.7E-09	1.6E-01	5.5E-03	2.3E-12	5.6E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	5.5E-03	6.7E-14	0.042942457
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1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	5.5E-03	6.6E-14	0.06056565
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1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12	5.4E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	5.5E-03	6.4E-14	0.086302212
1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	5.5E-03	6.3E-14	0.101771625
1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	5.5E-03	6.2E-14	0.118742362
1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12	5.2E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	5.5E-03	6.1E-14	0.133716692
1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	5.5E-03	6.1E-14	0.145364753
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1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12	4.8E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	5.5E-03	5.7E-14	0.149448366
1.0E-03	2.7E-09	1.6E-01	5.5E-03	2.3E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	5.5E-03	5.6E-14	0.13953319
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1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.1E-12	4.4E-01	1.3E-07	1.0E-03	6.1E-11	1.6E-01	5.5E-03	5.3E-14	0.099771508
1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12	4.3E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	5.5E-03	5.2E-14	0.087794258
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1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	5.5E-03	5.0E-14	0.0680779
1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12	4.1E-01	1.3E-07	1.0E-03	5.6E-11	1.6E-01	5.5E-03	4.9E-14	0.060341887
1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	5.6E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	5.5E-03	6.7E-14	0.020564694

1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12	5.6E-01	1.3E-07	1.0E-03	7.7E-11	1.6E-01	5.5E-03	6.6E-14	0.023081229
1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	5.5E-01	1.3E-07	1.0E-03	7.7E-11	1.6E-01	5.5E-03	6.6E-14	0.026019078
1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	5.5E-03	6.6E-14	0.029618381
1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.0E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	5.5E-03	6.5E-14	0.033800862
1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	5.5E-03	6.5E-14	0.039079498
1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.2E-12	5.4E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	5.5E-03	6.4E-14	0.04544047
1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.2E-12	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	5.5E-03	6.3E-14	0.053265098
1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.3E-12	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	5.5E-03	6.3E-14	0.061727055
1.0E-03	2.7E-09	1.6E-01	5.5E-03	2.3E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	5.5E-03	6.2E-14	0.072139295
1.0E-03	2.7E-09	1.6E-01	5.5E-03	2.3E-12	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	5.5E-03	6.1E-14	0.082803762
1.0E-03	2.7E-09	1.6E-01	5.5E-03	2.3E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	5.5E-03	6.0E-14	0.094242444
1.0E-03	2.7E-09	1.6E-01	5.5E-03	2.3E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	5.5E-03	6.0E-14	0.104686648
1.0E-03	2.7E-09	1.6E-01	5.5E-03	2.3E-12	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	5.5E-03	5.9E-14	0.112532214
1.0E-03	2.7E-09	1.6E-01	5.5E-03	2.3E-12	4.9E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	5.5E-03	5.8E-14	0.118020392
1.0E-03	2.7E-09	1.6E-01	5.5E-03	2.3E-12	4.8E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	5.5E-03	5.7E-14	0.121107585
1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.3E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	5.5E-03	5.6E-14	0.121132163
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1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.2E-12	4.5E-01	1.3E-07	1.0E-03	6.3E-11	1.6E-01	5.5E-03	5.4E-14	0.111932635
1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.1E-12	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	5.5E-03	5.3E-14	0.103284846
1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12	4.4E-01	1.3E-07	1.0E-03	6.1E-11	1.6E-01	5.5E-03	5.2E-14	0.093984433
1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	4.3E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	5.5E-03	5.1E-14	0.084907937
1.0E-03	2.3E-09	1.6E-01	5.5E-03	1.9E-12	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	5.5E-03	5.0E-14	0.076169674
1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	4.1E-01	1.3E-07	1.0E-03	5.7E-11	1.6E-01	5.5E-03	4.9E-14	0.068174743
1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12	4.1E-01	1.3E-07	1.0E-03	5.6E-11	1.6E-01	5.5E-03	4.8E-14	0.061005279
1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	4.0E-01	1.3E-07	1.0E-03	5.5E-11	1.6E-01	5.5E-03	4.7E-14	0.054727028
1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	5.5E-03	6.4E-14	0.019454003
1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	5.4E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	5.5E-03	6.4E-14	0.021642669
1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.8E-12	5.3E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	5.5E-03	6.4E-14	0.024254711
1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	5.5E-03	6.3E-14	0.027333726
1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	5.5E-03	6.3E-14	0.031125258
1.0E-03	2.3E-09	1.6E-01	5.5E-03	1.9E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	5.5E-03	6.2E-14	0.035493188
1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	5.5E-03	6.2E-14	0.040681258
1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.0E-12	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	5.5E-03	6.1E-14	0.046829962
1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	5.5E-03	6.1E-14	0.053499102
1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.1E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	5.5E-03	6.0E-14	0.06099593
1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.1E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	5.5E-03	5.9E-14	0.068732027
1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.2E-12	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	5.5E-03	5.8E-14	0.07675305
1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.2E-12	4.8E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	5.5E-03	5.8E-14	0.084314549
1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.2E-12	4.8E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	5.5E-03	5.7E-14	0.090035421
1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.2E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	5.5E-03	5.6E-14	0.094316471
1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.1E-12	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	5.5E-03	5.5E-14	0.097092638
1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.1E-12	4.6E-01	1.3E-07	1.0E-03	6.3E-11	1.6E-01	5.5E-03	5.4E-14	0.097855671
1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	5.5E-03	5.4E-14	0.096308525
1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.0E-12	4.4E-01	1.3E-07	1.0E-03	6.1E-11	1.6E-01	5.5E-03	5.3E-14	0.092426827
1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	4.3E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	5.5E-03	5.2E-14	0.086105866
1.0E-03	2.3E-09	1.6E-01	5.5E-03	1.9E-12	4.3E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	5.5E-03	5.1E-14	0.079706199
1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	5.5E-03	5.0E-14	0.073234779
1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12	4.1E-01	1.3E-07	1.0E-03	5.7E-11	1.6E-01	5.5E-03	4.9E-14	0.066756832
1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12	4.0E-01	1.3E-07	1.0E-03	5.6E-11	1.6E-01	5.5E-03	4.8E-14	0.060611798

1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	4.0E-01	1.3E-07	1.0E-03	5.5E-11	1.6E-01	5.5E-03	4.7E-14	0.054930478
1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.7E-12	3.9E-01	1.3E-07	1.0E-03	5.4E-11	1.6E-01	5.5E-03	4.6E-14	0.049784021
1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.5E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	5.5E-03	6.2E-14	0.018381436
1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.6E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	5.5E-03	6.2E-14	0.02035012
1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12	5.2E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	5.5E-03	6.1E-14	0.022646312
1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	5.5E-03	6.1E-14	0.02535987
1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.8E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	5.5E-03	6.1E-14	0.028634635
1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12	5.0E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	5.5E-03	6.0E-14	0.032310286
1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	5.5E-03	6.0E-14	0.036567311
1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	5.5E-03	5.9E-14	0.041516939
1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	5.5E-03	5.9E-14	0.046654774
1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	4.9E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	5.5E-03	5.8E-14	0.052210826
1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	4.8E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	5.5E-03	5.7E-14	0.058083819
1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	4.7E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	5.5E-03	5.7E-14	0.064037305
1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	5.5E-03	5.6E-14	0.069597095
1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	5.5E-03	5.5E-14	0.073876102
1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	4.6E-01	1.3E-07	1.0E-03	6.3E-11	1.6E-01	5.5E-03	5.4E-14	0.077468406
1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	5.5E-03	5.4E-14	0.079859654
1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	4.4E-01	1.3E-07	1.0E-03	6.1E-11	1.6E-01	5.5E-03	5.3E-14	0.08087897
1.0E-03	2.3E-09	1.6E-01	5.5E-03	1.9E-12	4.4E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	5.5E-03	5.2E-14	0.080092075
1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	4.3E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	5.5E-03	5.1E-14	0.077485497
1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	5.5E-03	5.0E-14	0.072923114
1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12	4.1E-01	1.3E-07	1.0E-03	5.7E-11	1.6E-01	5.5E-03	4.9E-14	0.068403466
1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12	4.1E-01	1.3E-07	1.0E-03	5.6E-11	1.6E-01	5.5E-03	4.9E-14	0.063831981
1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	4.0E-01	1.3E-07	1.0E-03	5.5E-11	1.6E-01	5.5E-03	4.8E-14	0.05899546
1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	3.9E-01	1.3E-07	1.0E-03	5.4E-11	1.6E-01	5.5E-03	4.7E-14	0.054233689
1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12	3.9E-01	1.3E-07	1.0E-03	5.3E-11	1.6E-01	5.5E-03	4.6E-14	0.049653263
1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.6E-12	3.8E-01	1.3E-07	1.0E-03	5.2E-11	1.6E-01	5.5E-03	4.5E-14	0.045399145

Risk From New Building Demo (Port. 1,3,4) - Unmitigated Residential

Franklin School Project

Risk From New Building Demo (Port. 1,3,4) - Unmitigated Residential

	1.08	Max								
								Onsite		
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**
1	0.00	3.8E-09	2.0E-01	8.6E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.8E-09	3.2E-01
2	0.00	4.2E-09	2.2E-01	8.6E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.2E-09	3.6E-01
3	0.00	4.6E-09	2.4E-01	8.6E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.6E-09	4.1E-01
4	0.01	5.1E-09	2.6E-01	8.6E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.1E-09	4.6E-01
5	0.01	5.5E-09	2.9E-01	8.6E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.5E-09	5.1E-01
6	0.01	5.9E-09	3.1E-01	8.6E-03	1.0E-03	2.8E-06	1.6E-01	1.4E-02	5.9E-09	5.5E-01
7	0.01	6.4E-09	3.3E-01	8.6E-03	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.4E-09	6.0E-01
8	0.01	6.7E-09	3.5E-01	8.6E-03	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.7E-09	6.4E-01
9	0.01	7.2E-09	3.7E-01	8.6E-03	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.2E-09	6.9E-01
10	0.01	7.6E-09	3.9E-01	8.6E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.5E-09	7.5E-01
11	0.01	8.2E-09	4.2E-01	8.6E-03	1.0E-03	3.8E-06	1.6E-01	1.4E-02	8.2E-09	8.0E-01
12	0.01	8.8E-09	4.5E-01	8.6E-03	1.0E-03	4.1E-06	1.6E-01	1.4E-02	8.8E-09	8.4E-01
13	0.01	9.3E-09	4.8E-01	8.6E-03	1.0E-03	4.3E-06	1.6E-01	1.4E-02	9.3E-09	8.5E-01
14	0.01	9.7E-09	5.0E-01	8.6E-03	1.0E-03	4.5E-06	1.6E-01	1.4E-02	9.7E-09	8.3E-01
15	0.01	1.0E-08	5.2E-01	8.6E-03	1.0E-03	4.7E-06	1.6E-01	1.4E-02	1.0E-08	7.9E-01
16	0.01	1.0E-08	5.3E-01	8.6E-03	1.0E-03	4.7E-06	1.6E-01	1.4E-02	1.0E-08	7.4E-01
17	0.00	4.3E-09	2.2E-01	8.6E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.3E-09	3.8E-01
18	0.00	4.8E-09	2.5E-01	8.6E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09	4.4E-01
19	0.01	5.3E-09	2.8E-01	8.6E-03	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.3E-09	5.1E-01
20	0.01	5.9E-09	3.1E-01	8.6E-03	1.0E-03	2.8E-06	1.6E-01	1.4E-02	5.9E-09	5.8E-01
21	0.01	6.6E-09	3.4E-01	8.6E-03	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.6E-09	6.6E-01
22	0.01	7.2E-09	3.7E-01	8.6E-03	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.2E-09	7.3E-01
23	0.01	7.8E-09	4.0E-01	8.6E-03	1.0E-03	3.6E-06	1.6E-01	1.4E-02	7.8E-09	8.0E-01
24	0.01	8.3E-09	4.3E-01	8.6E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.3E-09	8.7E-01
25	0.01	8.9E-09	4.6E-01	8.6E-03	1.0E-03	4.2E-06	1.6E-01	1.4E-02	8.9E-09	9.6E-01
26	0.01	9.5E-09	4.9E-01	8.6E-03	1.0E-03	4.4E-06	1.6E-01	1.4E-02	9.5E-09	1.1E+00
27	0.01	1.0E-08	5.4E-01	8.6E-03	1.0E-03	4.9E-06	1.6E-01	1.4E-02	1.0E-08	1.1E+00
28	0.01	1.1E-08	5.9E-01	8.6E-03	1.0E-03	5.3E-06	1.6E-01	1.4E-02	1.1E-08	1.1E+00
29	0.01	1.2E-08	6.2E-01	8.6E-03	1.0E-03	5.6E-06	1.6E-01	1.4E-02	1.2E-08	1.1E+00
30	0.01	1.3E-08	6.5E-01	8.6E-03	1.0E-03	5.8E-06	1.6E-01	1.4E-02	1.3E-08	1.0E+00
31	0.01	1.3E-08	6.6E-01	8.6E-03	1.0E-03	5.9E-06	1.6E-01	1.4E-02	1.3E-08	9.6E-01
32	0.01	1.3E-08	6.5E-01	8.6E-03	1.0E-03	5.9E-06	1.6E-01	1.4E-02	1.3E-08	8.7E-01
33	0.00	4.8E-09	2.5E-01	8.6E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09	4.4E-01
34	0.01	5.5E-09	2.8E-01	8.6E-03	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.5E-09	5.3E-01
35	0.01	6.2E-09	3.2E-01	8.6E-03	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.2E-09	6.3E-01
36	0.01	7.0E-09	3.6E-01	8.6E-03	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.0E-09	7.6E-01
37	0.01	7.9E-09	4.1E-01	8.6E-03	1.0E-03	3.7E-06	1.6E-01	1.4E-02	7.9E-09	8.9E-01
38	0.01	8.8E-09	4.6E-01	8.6E-03	1.0E-03	4.1E-06	1.6E-01	1.4E-02	8.8E-09	1.0E+00
39	0.01	9.8E-09	5.1E-01	8.6E-03	1.0E-03	4.5E-06	1.6E-01	1.4E-02	9.8E-09	1.1E+00
40	0.01	1.1E-08	5.5E-01	8.6E-03	1.0E-03	4.9E-06	1.6E-01	1.4E-02	1.1E-08	1.3E+00
41	0.01	1.1E-08	5.9E-01	8.6E-03	1.0E-03	5.3E-06	1.6E-01	1.4E-02	1.1E-08	1.4E+00
42	0.01	1.2E-08	6.5E-01	8.6E-03	1.0E-03	5.8E-06	1.6E-01	1.4E-02	1.2E-08	1.5E+00
43	0.01	1.4E-08	7.2E-01	8.6E-03	1.0E-03	6.5E-06	1.6E-01	1.4E-02	1.4E-08	1.6E+00

44	0.02	1.5E-08	7.8E-01	8.6E-03	1.0E-03	7.0E-06	1.6E-01	1.4E-02	1.5E-08	1.5E+00
45	0.02	1.6E-08	8.3E-01	8.6E-03	1.0E-03	7.4E-06	1.6E-01	1.4E-02	1.6E-08	1.4E+00
46	0.02	1.6E-08	8.5E-01	8.6E-03	1.0E-03	7.6E-06	1.6E-01	1.4E-02	1.6E-08	1.3E+00
47	0.02	1.6E-08	8.4E-01	8.6E-03	1.0E-03	7.6E-06	1.6E-01	1.4E-02	1.6E-08	1.1E+00
48	0.02	1.6E-08	8.1E-01	8.6E-03	1.0E-03	7.3E-06	1.6E-01	1.4E-02	1.6E-08	9.8E-01
49	0.01	5.4E-09	2.8E-01	8.6E-03	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.4E-09	5.2E-01
50	0.01	6.3E-09	3.2E-01	8.6E-03	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.2E-09	6.4E-01
51	0.01	7.3E-09	3.8E-01	8.6E-03	1.0E-03	3.4E-06	1.6E-01	1.4E-02	7.3E-09	8.1E-01
52	0.01	8.4E-09	4.4E-01	8.6E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.4E-09	1.0E+00
53	0.01	9.8E-09	5.0E-01	8.6E-03	1.0E-03	4.5E-06	1.6E-01	1.4E-02	9.7E-09	1.3E+00
54	0.01	1.1E-08	5.8E-01	8.6E-03	1.0E-03	5.2E-06	1.6E-01	1.4E-02	1.1E-08	1.5E+00
55	0.01	1.3E-08	6.5E-01	8.6E-03	1.0E-03	5.9E-06	1.6E-01	1.4E-02	1.3E-08	1.7E+00
56	0.01	1.4E-08	7.2E-01	8.6E-03	1.0E-03	6.4E-06	1.6E-01	1.4E-02	1.4E-08	2.0E+00
57	0.02	1.5E-08	7.9E-01	8.6E-03	1.0E-03	7.1E-06	1.6E-01	1.4E-02	1.5E-08	2.3E+00
58	0.02	1.7E-08	8.9E-01	8.6E-03	1.0E-03	7.9E-06	1.6E-01	1.4E-02	1.7E-08	2.4E+00
59	0.02	2.0E-08	1.0E+00	8.6E-03	1.0E-03	9.1E-06	1.6E-01	1.4E-02	2.0E-08	2.3E+00
60	0.02	2.1E-08	1.1E+00	8.6E-03	1.0E-03	9.8E-06	1.6E-01	1.4E-02	2.1E-08	2.1E+00
61	0.02	2.2E-08	1.1E+00	8.6E-03	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08	1.8E+00
62	0.02	2.2E-08	1.1E+00	8.6E-03	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08	1.5E+00
63	0.02	2.1E-08	1.1E+00	8.6E-03	1.0E-03	9.7E-06	1.6E-01	1.4E-02	2.1E-08	1.3E+00
64	0.02	1.9E-08	1.0E+00	8.6E-03	1.0E-03	9.0E-06	1.6E-01	1.4E-02	1.9E-08	1.1E+00
65	0.01	6.1E-09	3.1E-01	8.6E-03	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.1E-09	6.0E-01
66	0.01	7.2E-09	3.7E-01	8.6E-03	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.2E-09	7.8E-01
67	0.01	8.5E-09	4.4E-01	8.6E-03	1.0E-03	4.0E-06	1.6E-01	1.4E-02	8.5E-09	1.0E+00
68	0.01	1.0E-08	5.3E-01	8.6E-03	1.0E-03	4.7E-06	1.6E-01	1.4E-02	1.0E-08	1.4E+00
69	0.01	1.2E-08	6.3E-01	8.6E-03	1.0E-03	5.7E-06	1.6E-01	1.4E-02	1.2E-08	1.9E+00
70	0.01	1.5E-08	7.5E-01	8.6E-03	1.0E-03	6.8E-06	1.6E-01	1.4E-02	1.5E-08	2.5E+00
71	0.02	1.7E-08	8.8E-01	8.6E-03	1.0E-03	7.9E-06	1.6E-01	1.4E-02	1.7E-08	3.0E+00
72	0.02	1.9E-08	1.0E+00	8.6E-03	1.0E-03	9.0E-06	1.6E-01	1.4E-02	1.9E-08	3.6E+00
73	0.02	2.2E-08	1.1E+00	8.6E-03	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08	3.9E+00
74	0.03	2.6E-08	1.3E+00	8.6E-03	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.6E-08	3.7E+00
75	0.03	2.9E-08	1.5E+00	8.6E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.9E-08	3.2E+00
76	0.03	3.1E-08	1.6E+00	8.6E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.1E-08	2.6E+00
77	0.03	3.0E-08	1.6E+00	8.6E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.0E-08	2.1E+00
78	0.03	2.9E-08	1.5E+00	8.6E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.9E-08	1.7E+00
79	0.03	2.6E-08	1.4E+00	8.6E-03	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.6E-08	1.4E+00
80	0.02	2.3E-08	1.2E+00	8.6E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.3E-08	1.1E+00
81	0.01	6.8E-09	3.5E-01	8.6E-03	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.8E-09	6.8E-01
82	0.01	8.2E-09	4.2E-01	8.6E-03	1.0E-03	3.8E-06	1.6E-01	1.4E-02	8.2E-09	9.3E-01
83	0.01	1.0E-08	5.2E-01	8.6E-03	1.0E-03	4.6E-06	1.6E-01	1.4E-02	1.0E-08	1.3E+00
84	0.01	1.2E-08	6.4E-01	8.6E-03	1.0E-03	5.8E-06	1.6E-01	1.4E-02	1.2E-08	2.0E+00
85	0.02	1.6E-08	8.1E-01	8.6E-03	1.0E-03	7.2E-06	1.6E-01	1.4E-02	1.6E-08	3.1E+00
86	0.02	2.0E-08	1.0E+00	8.6E-03	1.0E-03	9.1E-06	1.6E-01	1.4E-02	2.0E-08	4.8E+00
87	0.02	2.4E-08	1.3E+00	8.6E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08	6.6E+00
88	0.03	2.9E-08	1.5E+00	8.6E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	2.9E-08	7.9E+00
89	0.03	3.5E-08	1.8E+00	8.6E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.5E-08	7.2E+00
90	0.04	4.2E-08	2.2E+00	8.6E-03	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.2E-08	5.6E+00
91	0.05	4.6E-08	2.4E+00	8.6E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.6E-08	4.2E+00
92	0.05	4.6E-08	2.4E+00	8.6E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.6E-08	3.1E+00

93	0.04	4.2E-08	2.2E+00	8.6E-03	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.2E-08	2.3E+00
94	0.04	3.8E-08	1.9E+00	8.6E-03	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.8E-08	1.8E+00
95	0.03	3.2E-08	1.7E+00	8.6E-03	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.2E-08	1.4E+00
96	0.03	2.7E-08	1.4E+00	8.6E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.7E-08	1.1E+00
97	0.01	7.4E-09	3.8E-01	8.6E-03	1.0E-03	3.4E-06	1.6E-01	1.4E-02	7.4E-09	7.5E-01
98	0.01	9.2E-09	4.7E-01	8.6E-03	1.0E-03	4.3E-06	1.6E-01	1.4E-02	9.2E-09	1.1E+00
99	0.01	1.2E-08	6.0E-01	8.6E-03	1.0E-03	5.4E-06	1.6E-01	1.4E-02	1.2E-08	1.6E+00
100	0.02	1.5E-08	7.8E-01	8.6E-03	1.0E-03	7.0E-06	1.6E-01	1.4E-02	1.5E-08	2.7E+00
101	0.02	2.0E-08	1.0E+00	8.6E-03	1.0E-03	9.3E-06	1.6E-01	1.4E-02	2.0E-08	5.2E+00
102	0.03	2.7E-08	1.4E+00	8.6E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.7E-08	1.2E+01
103	0.04	3.7E-08	1.9E+00	8.6E-03	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.7E-08	2.3E+01
104	0.05	5.0E-08	2.6E+00	8.6E-03	1.0E-03	2.3E-05	1.6E-01	1.4E-02	4.9E-08	2.0E+01
105	0.06	6.4E-08	3.3E+00	8.6E-03	1.0E-03	3.0E-05	1.6E-01	1.4E-02	6.4E-08	1.2E+01
106	0.08	7.7E-08	4.0E+00	8.6E-03	1.0E-03	3.6E-05	1.6E-01	1.4E-02	7.7E-08	7.4E+00
107	0.08	7.7E-08	4.0E+00	8.6E-03	1.0E-03	3.6E-05	1.6E-01	1.4E-02	7.7E-08	4.7E+00
108	0.07	6.9E-08	3.6E+00	8.6E-03	1.0E-03	3.2E-05	1.6E-01	1.4E-02	6.9E-08	3.2E+00
109	0.06	5.7E-08	3.0E+00	8.6E-03	1.0E-03	2.7E-05	1.6E-01	1.4E-02	5.7E-08	2.3E+00
110	0.05	4.7E-08	2.4E+00	8.6E-03	1.0E-03	2.2E-05	1.6E-01	1.4E-02	4.7E-08	1.7E+00
111	0.04	3.8E-08	1.9E+00	8.6E-03	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.8E-08	1.3E+00
112	0.03	3.0E-08	1.6E+00	8.6E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.0E-08	1.0E+00
113	0.01	8.0E-09	4.2E-01	8.6E-03	1.0E-03	3.7E-06	1.6E-01	1.4E-02	8.0E-09	7.9E-01
114	0.01	1.0E-08	5.3E-01	8.6E-03	1.0E-03	4.7E-06	1.6E-01	1.4E-02	1.0E-08	1.1E+00
115	0.01	1.3E-08	6.9E-01	8.6E-03	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.3E-08	1.8E+00
116	0.02	1.8E-08	9.4E-01	8.6E-03	1.0E-03	8.4E-06	1.6E-01	1.4E-02	1.8E-08	3.3E+00
117	0.03	2.6E-08	1.3E+00	8.6E-03	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.6E-08	7.6E+00
118	0.16	1.6E-07	8.4E+00	8.6E-03	1.0E-03	7.5E-05	1.6E-01	1.4E-02	1.6E-07	7.7E+00
119	0.13	1.3E-07	6.7E+00	8.6E-03	1.0E-03	6.0E-05	1.6E-01	1.4E-02	1.3E-07	4.5E+00
120	0.10	9.8E-08	5.1E+00	8.6E-03	1.0E-03	4.5E-05	1.6E-01	1.4E-02	9.8E-08	3.0E+00
121	0.07	7.3E-08	3.8E+00	8.6E-03	1.0E-03	3.4E-05	1.6E-01	1.4E-02	7.3E-08	2.1E+00
122	0.05	5.4E-08	2.8E+00	8.6E-03	1.0E-03	2.5E-05	1.6E-01	1.4E-02	5.4E-08	1.5E+00
123	0.04	4.1E-08	2.1E+00	8.6E-03	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.1E-08	1.1E+00
124	0.03	3.2E-08	1.6E+00	8.6E-03	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.2E-08	9.0E-01
125	0.01	8.4E-09	4.4E-01	8.6E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.4E-09	7.8E-01
126	0.01	1.1E-08	5.6E-01	8.6E-03	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08	1.1E+00
127	0.01	1.5E-08	7.6E-01	8.6E-03	1.0E-03	6.8E-06	1.6E-01	1.4E-02	1.5E-08	1.8E+00
128	0.02	2.1E-08	1.1E+00	8.6E-03	1.0E-03	9.6E-06	1.6E-01	1.4E-02	2.1E-08	3.3E+00
129	0.03	3.1E-08	1.6E+00	8.6E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.1E-08	7.4E+00
130	0.33	3.3E-07	1.7E+01	8.6E-03	1.0E-03	1.5E-04	1.6E-01	1.4E-02	3.3E-07	6.3E+00
131	0.19	1.9E-07	1.0E+01	8.6E-03	1.0E-03	9.0E-05	1.6E-01	1.4E-02	1.9E-07	3.7E+00
132	0.12	1.2E-07	6.3E+00	8.6E-03	1.0E-03	5.7E-05	1.6E-01	1.4E-02	1.2E-07	2.4E+00
133	0.08	8.2E-08	4.2E+00	8.6E-03	1.0E-03	3.8E-05	1.6E-01	1.4E-02	8.2E-08	1.7E+00
134	0.06	5.7E-08	2.9E+00	8.6E-03	1.0E-03	2.6E-05	1.6E-01	1.4E-02	5.7E-08	1.3E+00
135	0.04	4.1E-08	2.1E+00	8.6E-03	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.1E-08	9.9E-01
136	0.03	3.1E-08	1.6E+00	8.6E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.1E-08	7.8E-01
137	0.01	8.7E-09	4.5E-01	8.6E-03	1.0E-03	4.0E-06	1.6E-01	1.4E-02	8.7E-09	7.4E-01
138	0.01	1.1E-08	5.9E-01	8.6E-03	1.0E-03	5.3E-06	1.6E-01	1.4E-02	1.1E-08	1.0E+00
139	0.02	1.5E-08	7.9E-01	8.6E-03	1.0E-03	7.1E-06	1.6E-01	1.4E-02	1.5E-08	1.6E+00
140	0.02	2.2E-08	1.1E+00	8.6E-03	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08	2.7E+00
141	0.03	3.4E-08	1.8E+00	8.6E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.4E-08	5.0E+00

142	0.49	4.9E-07	2.5E+01	8.6E-03	1.0E-03	2.3E-04	1.6E-01	1.4E-02	4.9E-07	4.5E+00
143	0.23	2.3E-07	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.3E-07	2.9E+00
144	0.13	1.3E-07	6.7E+00	8.6E-03	1.0E-03	6.0E-05	1.6E-01	1.4E-02	1.3E-07	2.0E+00
145	0.08	8.1E-08	4.2E+00	8.6E-03	1.0E-03	3.8E-05	1.6E-01	1.4E-02	8.1E-08	1.5E+00
146	0.05	5.3E-08	2.8E+00	8.6E-03	1.0E-03	2.5E-05	1.6E-01	1.4E-02	5.3E-08	1.1E+00
147	0.04	3.8E-08	1.9E+00	8.6E-03	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.8E-08	8.6E-01
148	0.03	2.8E-08	1.4E+00	8.6E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.8E-08	6.9E-01
149	0.01	8.6E-09	4.5E-01	8.6E-03	1.0E-03	4.0E-06	1.6E-01	1.4E-02	8.6E-09	6.7E-01
150	0.01	1.1E-08	5.7E-01	8.6E-03	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08	9.0E-01
151	0.02	1.5E-08	7.8E-01	8.6E-03	1.0E-03	7.0E-06	1.6E-01	1.4E-02	1.5E-08	1.3E+00
152	0.02	2.2E-08	1.1E+00	8.6E-03	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08	2.0E+00
153	0.03	3.3E-08	1.7E+00	8.6E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.3E-08	3.1E+00
154	0.74	7.4E-07	3.8E+01	8.6E-03	1.0E-03	3.4E-04	1.6E-01	1.4E-02	7.4E-07	3.3E+00
155	0.22	2.2E-07	1.1E+01	8.6E-03	1.0E-03	1.0E-04	1.6E-01	1.4E-02	2.2E-07	2.3E+00
156	0.11	1.1E-07	5.6E+00	8.6E-03	1.0E-03	5.0E-05	1.6E-01	1.4E-02	1.1E-07	1.6E+00
157	0.07	6.9E-08	3.6E+00	8.6E-03	1.0E-03	3.2E-05	1.6E-01	1.4E-02	6.9E-08	1.2E+00
158	0.05	4.5E-08	2.4E+00	8.6E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.5E-08	9.6E-01
159	0.03	3.2E-08	1.7E+00	8.6E-03	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.2E-08	7.6E-01
160	0.02	2.4E-08	1.2E+00	8.6E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08	6.1E-01
161	0.01	7.8E-09	4.0E-01	8.6E-03	1.0E-03	3.6E-06	1.6E-01	1.4E-02	7.8E-09	5.9E-01
162	0.01	1.0E-08	5.2E-01	8.6E-03	1.0E-03	4.6E-06	1.6E-01	1.4E-02	1.0E-08	7.6E-01
163	0.01	1.3E-08	6.9E-01	8.6E-03	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.3E-08	1.0E+00
164	0.02	1.9E-08	1.0E+00	8.6E-03	1.0E-03	9.0E-06	1.6E-01	1.4E-02	1.9E-08	1.4E+00
165	0.03	3.0E-08	1.6E+00	8.6E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.0E-08	2.1E+00
166	0.05	5.1E-08	2.7E+00	8.6E-03	1.0E-03	2.4E-05	1.6E-01	1.4E-02	5.1E-08	2.9E+00
167	0.11	1.1E-07	5.5E+00	8.6E-03	1.0E-03	4.9E-05	1.6E-01	1.4E-02	1.1E-07	3.6E+00
168	0.29	2.9E-07	1.5E+01	8.6E-03	1.0E-03	1.3E-04	1.6E-01	1.4E-02	2.9E-07	3.6E+00
169	0.47	4.7E-07	2.5E+01	8.6E-03	1.0E-03	2.2E-04	1.6E-01	1.4E-02	4.7E-07	3.1E+00
170	0.31	3.1E-07	1.6E+01	8.6E-03	1.0E-03	1.4E-04	1.6E-01	1.4E-02	3.1E-07	2.5E+00
171	0.15	1.5E-07	7.8E+00	8.6E-03	1.0E-03	7.0E-05	1.6E-01	1.4E-02	1.5E-07	1.9E+00
172	0.08	7.8E-08	4.0E+00	8.6E-03	1.0E-03	3.6E-05	1.6E-01	1.4E-02	7.8E-08	1.3E+00
173	0.05	5.1E-08	2.6E+00	8.6E-03	1.0E-03	2.4E-05	1.6E-01	1.4E-02	5.1E-08	1.0E+00
174	0.04	3.7E-08	1.9E+00	8.6E-03	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.7E-08	8.5E-01
175	0.03	2.7E-08	1.4E+00	8.6E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.7E-08	6.8E-01
176	0.02	2.0E-08	1.1E+00	8.6E-03	1.0E-03	9.5E-06	1.6E-01	1.4E-02	2.0E-08	5.6E-01
177	0.01	7.3E-09	3.8E-01	8.6E-03	1.0E-03	3.4E-06	1.6E-01	1.4E-02	7.3E-09	5.1E-01
178	0.01	9.2E-09	4.8E-01	8.6E-03	1.0E-03	4.3E-06	1.6E-01	1.4E-02	9.2E-09	6.4E-01
179	0.01	1.2E-08	6.1E-01	8.6E-03	1.0E-03	5.5E-06	1.6E-01	1.4E-02	1.2E-08	8.2E-01
180	0.02	1.7E-08	9.0E-01	8.6E-03	1.0E-03	8.1E-06	1.6E-01	1.4E-02	1.7E-08	1.1E+00
181	0.03	2.5E-08	1.3E+00	8.6E-03	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.5E-08	1.5E+00
182	0.04	3.9E-08	2.0E+00	8.6E-03	1.0E-03	1.8E-05	1.6E-01	1.4E-02	3.9E-08	1.9E+00
183	0.07	6.6E-08	3.4E+00	8.6E-03	1.0E-03	3.1E-05	1.6E-01	1.4E-02	6.6E-08	2.2E+00
184	0.11	1.1E-07	5.8E+00	8.6E-03	1.0E-03	5.2E-05	1.6E-01	1.4E-02	1.1E-07	2.3E+00
185	0.15	1.5E-07	7.8E+00	8.6E-03	1.0E-03	7.0E-05	1.6E-01	1.4E-02	1.5E-07	2.2E+00
186	0.13	1.3E-07	6.9E+00	8.6E-03	1.0E-03	6.2E-05	1.6E-01	1.4E-02	1.3E-07	1.8E+00
187	0.09	9.3E-08	4.8E+00	8.6E-03	1.0E-03	4.3E-05	1.6E-01	1.4E-02	9.3E-08	1.5E+00
188	0.06	6.2E-08	3.2E+00	8.6E-03	1.0E-03	2.9E-05	1.6E-01	1.4E-02	6.2E-08	1.2E+00
189	0.04	4.0E-08	2.0E+00	8.6E-03	1.0E-03	1.8E-05	1.6E-01	1.4E-02	4.0E-08	9.0E-01
190	0.03	3.0E-08	1.6E+00	8.6E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.0E-08	7.6E-01

191	0.02	2.3E-08	1.2E+00	8.6E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.3E-08	6.3E-01
192	0.02	1.8E-08	9.2E-01	8.6E-03	1.0E-03	8.2E-06	1.6E-01	1.4E-02	1.8E-08	5.2E-01
193	0.01	6.7E-09	3.5E-01	8.6E-03	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.7E-09	4.4E-01
194	0.01	8.6E-09	4.5E-01	8.6E-03	1.0E-03	4.0E-06	1.6E-01	1.4E-02	8.6E-09	5.4E-01
195	0.01	1.1E-08	5.9E-01	8.6E-03	1.0E-03	5.3E-06	1.6E-01	1.4E-02	1.1E-08	6.7E-01
196	0.02	1.5E-08	7.8E-01	8.6E-03	1.0E-03	7.0E-06	1.6E-01	1.4E-02	1.5E-08	8.6E-01
197	0.02	2.0E-08	1.1E+00	8.6E-03	1.0E-03	9.5E-06	1.6E-01	1.4E-02	2.0E-08	1.1E+00
198	0.03	2.9E-08	1.5E+00	8.6E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	2.9E-08	1.3E+00
199	0.04	4.3E-08	2.2E+00	8.6E-03	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.3E-08	1.5E+00
200	0.06	6.1E-08	3.2E+00	8.6E-03	1.0E-03	2.8E-05	1.6E-01	1.4E-02	6.1E-08	1.6E+00
201	0.07	7.5E-08	3.9E+00	8.6E-03	1.0E-03	3.5E-05	1.6E-01	1.4E-02	7.5E-08	1.5E+00
202	0.07	7.2E-08	3.7E+00	8.6E-03	1.0E-03	3.4E-05	1.6E-01	1.4E-02	7.2E-08	1.4E+00
203	0.06	5.7E-08	2.9E+00	8.6E-03	1.0E-03	2.6E-05	1.6E-01	1.4E-02	5.7E-08	1.1E+00
204	0.04	4.4E-08	2.3E+00	8.6E-03	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.4E-08	9.7E-01
205	0.03	3.3E-08	1.7E+00	8.6E-03	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.3E-08	8.0E-01
206	0.02	2.4E-08	1.2E+00	8.6E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08	6.5E-01
207	0.02	2.0E-08	1.0E+00	8.6E-03	1.0E-03	9.3E-06	1.6E-01	1.4E-02	2.0E-08	5.7E-01
208	0.02	1.6E-08	8.2E-01	8.6E-03	1.0E-03	7.4E-06	1.6E-01	1.4E-02	1.6E-08	4.8E-01
209	0.01	6.6E-09	3.4E-01	8.6E-03	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.6E-09	3.8E-01
210	0.01	8.1E-09	4.2E-01	8.6E-03	1.0E-03	3.7E-06	1.6E-01	1.4E-02	8.1E-09	4.6E-01
211	0.01	1.0E-08	5.2E-01	8.6E-03	1.0E-03	4.7E-06	1.6E-01	1.4E-02	1.0E-08	5.6E-01
212	0.01	1.3E-08	6.5E-01	8.6E-03	1.0E-03	5.9E-06	1.6E-01	1.4E-02	1.3E-08	6.8E-01
213	0.02	1.6E-08	8.5E-01	8.6E-03	1.0E-03	7.6E-06	1.6E-01	1.4E-02	1.6E-08	8.3E-01
214	0.02	2.2E-08	1.2E+00	8.6E-03	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08	9.7E-01
215	0.03	3.0E-08	1.6E+00	8.6E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.0E-08	1.1E+00
216	0.04	3.9E-08	2.0E+00	8.6E-03	1.0E-03	1.8E-05	1.6E-01	1.4E-02	3.9E-08	1.1E+00
217	0.04	4.5E-08	2.3E+00	8.6E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.5E-08	1.1E+00
218	0.05	4.5E-08	2.3E+00	8.6E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.5E-08	1.1E+00
219	0.04	4.1E-08	2.1E+00	8.6E-03	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.1E-08	9.6E-01
220	0.03	3.5E-08	1.8E+00	8.6E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.5E-08	8.4E-01
221	0.03	2.8E-08	1.4E+00	8.6E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.8E-08	7.2E-01
222	0.02	2.0E-08	1.1E+00	8.6E-03	1.0E-03	9.5E-06	1.6E-01	1.4E-02	2.0E-08	5.8E-01
223	0.02	1.6E-08	8.4E-01	8.6E-03	1.0E-03	7.5E-06	1.6E-01	1.4E-02	1.6E-08	4.9E-01
224	0.01	1.4E-08	7.4E-01	8.6E-03	1.0E-03	6.6E-06	1.6E-01	1.4E-02	1.4E-08	4.4E-01
225	0.01	6.1E-09	3.1E-01	8.6E-03	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.1E-09	3.4E-01
226	0.01	7.2E-09	3.7E-01	8.6E-03	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.2E-09	4.0E-01
227	0.01	8.7E-09	4.5E-01	8.6E-03	1.0E-03	4.0E-06	1.6E-01	1.4E-02	8.7E-09	4.7E-01
228	0.01	1.1E-08	5.6E-01	8.6E-03	1.0E-03	5.0E-06	1.6E-01	1.4E-02	1.1E-08	5.6E-01
229	0.01	1.3E-08	7.0E-01	8.6E-03	1.0E-03	6.3E-06	1.6E-01	1.4E-02	1.3E-08	6.5E-01
230	0.02	1.7E-08	9.0E-01	8.6E-03	1.0E-03	8.0E-06	1.6E-01	1.4E-02	1.7E-08	7.5E-01
231	0.02	2.2E-08	1.1E+00	8.6E-03	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08	8.3E-01
232	0.03	2.7E-08	1.4E+00	8.6E-03	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.7E-08	8.7E-01
233	0.03	3.0E-08	1.6E+00	8.6E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.0E-08	8.7E-01
234	0.03	3.1E-08	1.6E+00	8.6E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.1E-08	8.4E-01
235	0.03	3.0E-08	1.5E+00	8.6E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.0E-08	7.8E-01
236	0.03	2.7E-08	1.4E+00	8.6E-03	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.7E-08	7.1E-01
237	0.02	2.3E-08	1.2E+00	8.6E-03	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.3E-08	6.2E-01
238	0.02	1.9E-08	9.7E-01	8.6E-03	1.0E-03	8.7E-06	1.6E-01	1.4E-02	1.9E-08	5.4E-01
239	0.01	1.4E-08	7.4E-01	8.6E-03	1.0E-03	6.6E-06	1.6E-01	1.4E-02	1.4E-08	4.4E-01

240	0.01	1.2E-08	6.1E-01	8.6E-03	1.0E-03	5.5E-06	1.6E-01	1.4E-02	1.2E-08	3.8E-01
241	0.01	5.4E-09	2.8E-01	8.6E-03	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.4E-09	2.9E-01
242	0.01	6.4E-09	3.3E-01	8.6E-03	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.4E-09	3.4E-01
243	0.01	7.5E-09	3.9E-01	8.6E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.5E-09	4.0E-01
244	0.01	9.0E-09	4.7E-01	8.6E-03	1.0E-03	4.2E-06	1.6E-01	1.4E-02	9.0E-09	4.6E-01
245	0.01	1.1E-08	5.7E-01	8.6E-03	1.0E-03	5.2E-06	1.6E-01	1.4E-02	1.1E-08	5.3E-01
246	0.01	1.4E-08	7.0E-01	8.6E-03	1.0E-03	6.3E-06	1.6E-01	1.4E-02	1.4E-08	6.0E-01
247	0.02	1.7E-08	8.6E-01	8.6E-03	1.0E-03	7.7E-06	1.6E-01	1.4E-02	1.7E-08	6.5E-01
248	0.02	2.0E-08	1.0E+00	8.6E-03	1.0E-03	9.1E-06	1.6E-01	1.4E-02	2.0E-08	6.8E-01
249	0.02	2.2E-08	1.1E+00	8.6E-03	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08	6.9E-01
250	0.02	2.3E-08	1.2E+00	8.6E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.3E-08	6.7E-01
251	0.02	2.2E-08	1.1E+00	8.6E-03	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08	6.4E-01
252	0.02	2.1E-08	1.1E+00	8.6E-03	1.0E-03	9.5E-06	1.6E-01	1.4E-02	2.1E-08	5.9E-01
253	0.02	1.8E-08	9.5E-01	8.6E-03	1.0E-03	8.5E-06	1.6E-01	1.4E-02	1.8E-08	5.4E-01
254	0.02	1.6E-08	8.2E-01	8.6E-03	1.0E-03	7.4E-06	1.6E-01	1.4E-02	1.6E-08	4.8E-01
255	0.01	1.3E-08	6.9E-01	8.6E-03	1.0E-03	6.1E-06	1.6E-01	1.4E-02	1.3E-08	4.2E-01
256	0.01	1.0E-08	5.4E-01	8.6E-03	1.0E-03	4.9E-06	1.6E-01	1.4E-02	1.0E-08	3.5E-01
257	0.00	4.9E-09	2.5E-01	8.6E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	4.9E-09	2.6E-01
258	0.01	5.6E-09	2.9E-01	8.6E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.6E-09	3.0E-01
259	0.01	6.6E-09	3.4E-01	8.6E-03	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.6E-09	3.4E-01
260	0.01	7.8E-09	4.0E-01	8.6E-03	1.0E-03	3.6E-06	1.6E-01	1.4E-02	7.8E-09	3.9E-01
261	0.01	9.3E-09	4.8E-01	8.6E-03	1.0E-03	4.3E-06	1.6E-01	1.4E-02	9.3E-09	4.4E-01
262	0.01	1.1E-08	5.7E-01	8.6E-03	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08	4.9E-01
263	0.01	1.3E-08	6.8E-01	8.6E-03	1.0E-03	6.1E-06	1.6E-01	1.4E-02	1.3E-08	5.3E-01
264	0.01	1.5E-08	7.8E-01	8.6E-03	1.0E-03	7.0E-06	1.6E-01	1.4E-02	1.5E-08	5.5E-01
265	0.02	1.6E-08	8.5E-01	8.6E-03	1.0E-03	7.6E-06	1.6E-01	1.4E-02	1.6E-08	5.6E-01
266	0.02	1.7E-08	8.9E-01	8.6E-03	1.0E-03	8.0E-06	1.6E-01	1.4E-02	1.7E-08	5.5E-01
267	0.02	1.7E-08	8.8E-01	8.6E-03	1.0E-03	7.9E-06	1.6E-01	1.4E-02	1.7E-08	5.3E-01
268	0.02	1.6E-08	8.4E-01	8.6E-03	1.0E-03	7.5E-06	1.6E-01	1.4E-02	1.6E-08	5.0E-01
269	0.01	1.5E-08	7.7E-01	8.6E-03	1.0E-03	6.9E-06	1.6E-01	1.4E-02	1.5E-08	4.6E-01
270	0.01	1.3E-08	6.9E-01	8.6E-03	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.3E-08	4.2E-01
271	0.01	1.2E-08	6.0E-01	8.6E-03	1.0E-03	5.4E-06	1.6E-01	1.4E-02	1.2E-08	3.8E-01
272	0.01	9.4E-09	4.9E-01	8.6E-03	1.0E-03	4.4E-06	1.6E-01	1.4E-02	9.4E-09	3.2E-01
273	0.03	2.7E-08	1.4E+00	8.6E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.7E-08	1.2E+01
274	0.03	2.9E-08	1.5E+00	8.6E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.9E-08	1.4E+01
275	0.03	3.1E-08	1.6E+00	8.6E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.1E-08	1.6E+01
276	0.03	3.3E-08	1.7E+00	8.6E-03	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.3E-08	1.9E+01
277	0.03	3.5E-08	1.8E+00	8.6E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.5E-08	2.1E+01
278	0.04	3.7E-08	1.9E+00	8.6E-03	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.7E-08	2.3E+01
279	0.04	3.9E-08	2.0E+00	8.6E-03	1.0E-03	1.8E-05	1.6E-01	1.4E-02	3.9E-08	2.5E+01
280	0.04	4.2E-08	2.1E+00	8.6E-03	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.1E-08	2.4E+01
281	0.04	4.4E-08	2.3E+00	8.6E-03	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.4E-08	2.3E+01
282	0.05	4.7E-08	2.4E+00	8.6E-03	1.0E-03	2.2E-05	1.6E-01	1.4E-02	4.6E-08	2.2E+01
283	0.05	5.0E-08	2.6E+00	8.6E-03	1.0E-03	2.3E-05	1.6E-01	1.4E-02	4.9E-08	2.0E+01
284	0.05	5.2E-08	2.7E+00	8.6E-03	1.0E-03	2.4E-05	1.6E-01	1.4E-02	5.2E-08	1.8E+01
285	0.05	5.5E-08	2.8E+00	8.6E-03	1.0E-03	2.5E-05	1.6E-01	1.4E-02	5.4E-08	1.7E+01
286	0.06	5.7E-08	3.0E+00	8.6E-03	1.0E-03	2.7E-05	1.6E-01	1.4E-02	5.7E-08	1.5E+01
287	0.06	6.1E-08	3.1E+00	8.6E-03	1.0E-03	2.8E-05	1.6E-01	1.4E-02	6.1E-08	1.3E+01
288	0.06	6.4E-08	3.3E+00	8.6E-03	1.0E-03	3.0E-05	1.6E-01	1.4E-02	6.4E-08	1.2E+01

289	0.07	6.7E-08	3.5E+00	8.6E-03	1.0E-03	3.1E-05	1.6E-01	1.4E-02	6.7E-08	1.1E+01
290	0.07	7.1E-08	3.7E+00	8.6E-03	1.0E-03	3.3E-05	1.6E-01	1.4E-02	7.1E-08	9.9E+00
291	0.07	7.4E-08	3.8E+00	8.6E-03	1.0E-03	3.4E-05	1.6E-01	1.4E-02	7.4E-08	9.0E+00
292	0.08	7.6E-08	3.9E+00	8.6E-03	1.0E-03	3.5E-05	1.6E-01	1.4E-02	7.6E-08	8.1E+00
293	0.08	7.7E-08	4.0E+00	8.6E-03	1.0E-03	3.6E-05	1.6E-01	1.4E-02	7.7E-08	7.4E+00
294	0.08	7.8E-08	4.0E+00	8.6E-03	1.0E-03	3.6E-05	1.6E-01	1.4E-02	7.8E-08	6.7E+00
295	0.08	7.8E-08	4.1E+00	8.6E-03	1.0E-03	3.6E-05	1.6E-01	1.4E-02	7.8E-08	6.1E+00
296	0.08	7.8E-08	4.0E+00	8.6E-03	1.0E-03	3.6E-05	1.6E-01	1.4E-02	7.8E-08	5.6E+00
297	0.08	7.8E-08	4.0E+00	8.6E-03	1.0E-03	3.6E-05	1.6E-01	1.4E-02	7.8E-08	5.1E+00
298	0.08	7.7E-08	4.0E+00	8.6E-03	1.0E-03	3.6E-05	1.6E-01	1.4E-02	7.7E-08	4.7E+00
299	0.03	2.9E-08	1.5E+00	8.6E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	2.9E-08	1.4E+01
300	0.03	3.1E-08	1.6E+00	8.6E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.1E-08	1.8E+01
301	0.03	3.3E-08	1.7E+00	8.6E-03	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.3E-08	2.2E+01
302	0.04	3.6E-08	1.8E+00	8.6E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.5E-08	2.6E+01
303	0.04	3.8E-08	2.0E+00	8.6E-03	1.0E-03	1.8E-05	1.6E-01	1.4E-02	3.8E-08	3.1E+01
304	0.04	4.1E-08	2.1E+00	8.6E-03	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.1E-08	3.4E+01
305	0.04	4.3E-08	2.2E+00	8.6E-03	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.3E-08	3.5E+01
306	0.05	4.6E-08	2.4E+00	8.6E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.6E-08	3.3E+01
307	0.05	4.9E-08	2.5E+00	8.6E-03	1.0E-03	2.3E-05	1.6E-01	1.4E-02	4.9E-08	3.0E+01
308	0.05	5.2E-08	2.7E+00	8.6E-03	1.0E-03	2.4E-05	1.6E-01	1.4E-02	5.2E-08	2.7E+01
309	0.06	5.6E-08	2.9E+00	8.6E-03	1.0E-03	2.6E-05	1.6E-01	1.4E-02	5.6E-08	2.4E+01
310	0.06	5.9E-08	3.0E+00	8.6E-03	1.0E-03	2.7E-05	1.6E-01	1.4E-02	5.9E-08	2.1E+01
311	0.06	6.2E-08	3.2E+00	8.6E-03	1.0E-03	2.9E-05	1.6E-01	1.4E-02	6.2E-08	1.9E+01
312	0.07	6.6E-08	3.4E+00	8.6E-03	1.0E-03	3.1E-05	1.6E-01	1.4E-02	6.6E-08	1.7E+01
313	0.07	7.1E-08	3.6E+00	8.6E-03	1.0E-03	3.3E-05	1.6E-01	1.4E-02	7.0E-08	1.5E+01
314	0.07	7.4E-08	3.8E+00	8.6E-03	1.0E-03	3.4E-05	1.6E-01	1.4E-02	7.4E-08	1.3E+01
315	0.08	7.8E-08	4.0E+00	8.6E-03	1.0E-03	3.6E-05	1.6E-01	1.4E-02	7.8E-08	1.2E+01
316	0.08	8.2E-08	4.3E+00	8.6E-03	1.0E-03	3.8E-05	1.6E-01	1.4E-02	8.2E-08	1.0E+01
317	0.09	8.6E-08	4.4E+00	8.6E-03	1.0E-03	4.0E-05	1.6E-01	1.4E-02	8.6E-08	9.4E+00
318	0.09	8.8E-08	4.5E+00	8.6E-03	1.0E-03	4.1E-05	1.6E-01	1.4E-02	8.8E-08	8.4E+00
319	0.09	8.9E-08	4.6E+00	8.6E-03	1.0E-03	4.1E-05	1.6E-01	1.4E-02	8.9E-08	7.6E+00
320	0.09	8.9E-08	4.6E+00	8.6E-03	1.0E-03	4.1E-05	1.6E-01	1.4E-02	8.9E-08	6.9E+00
321	0.09	8.9E-08	4.6E+00	8.6E-03	1.0E-03	4.1E-05	1.6E-01	1.4E-02	8.9E-08	6.2E+00
322	0.09	8.8E-08	4.6E+00	8.6E-03	1.0E-03	4.1E-05	1.6E-01	1.4E-02	8.8E-08	5.7E+00
323	0.09	8.7E-08	4.5E+00	8.6E-03	1.0E-03	4.0E-05	1.6E-01	1.4E-02	8.7E-08	5.2E+00
324	0.09	8.5E-08	4.4E+00	8.6E-03	1.0E-03	4.0E-05	1.6E-01	1.4E-02	8.5E-08	4.8E+00
325	0.03	3.1E-08	1.6E+00	8.6E-03	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.1E-08	1.8E+01
326	0.03	3.4E-08	1.7E+00	8.6E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.3E-08	2.3E+01
327	0.04	3.6E-08	1.9E+00	8.6E-03	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.6E-08	2.9E+01
328	0.04	3.9E-08	2.0E+00	8.6E-03	1.0E-03	1.8E-05	1.6E-01	1.4E-02	3.9E-08	3.8E+01
329	0.04	4.2E-08	2.2E+00	8.6E-03	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.2E-08	4.8E+01
330	0.05	4.5E-08	2.3E+00	8.6E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.5E-08	5.4E+01
331	0.05	4.8E-08	2.5E+00	8.6E-03	1.0E-03	2.2E-05	1.6E-01	1.4E-02	4.8E-08	5.3E+01
332	0.05	5.1E-08	2.7E+00	8.6E-03	1.0E-03	2.4E-05	1.6E-01	1.4E-02	5.1E-08	4.7E+01
333	0.06	5.5E-08	2.9E+00	8.6E-03	1.0E-03	2.6E-05	1.6E-01	1.4E-02	5.5E-08	4.0E+01
334	0.06	6.0E-08	3.1E+00	8.6E-03	1.0E-03	2.8E-05	1.6E-01	1.4E-02	5.9E-08	3.4E+01
335	0.06	6.4E-08	3.3E+00	8.6E-03	1.0E-03	3.0E-05	1.6E-01	1.4E-02	6.4E-08	2.9E+01
336	0.07	6.8E-08	3.5E+00	8.6E-03	1.0E-03	3.1E-05	1.6E-01	1.4E-02	6.8E-08	2.4E+01
337	0.07	7.2E-08	3.7E+00	8.6E-03	1.0E-03	3.3E-05	1.6E-01	1.4E-02	7.2E-08	2.1E+01

338	0.08	7.7E-08	4.0E+00	8.6E-03	1.0E-03	3.6E-05	1.6E-01	1.4E-02	7.7E-08	1.8E+01
339	0.08	8.3E-08	4.3E+00	8.6E-03	1.0E-03	3.8E-05	1.6E-01	1.4E-02	8.2E-08	1.6E+01
340	0.09	8.7E-08	4.5E+00	8.6E-03	1.0E-03	4.0E-05	1.6E-01	1.4E-02	8.7E-08	1.4E+01
341	0.09	9.2E-08	4.8E+00	8.6E-03	1.0E-03	4.3E-05	1.6E-01	1.4E-02	9.2E-08	1.2E+01
342	0.10	9.7E-08	5.0E+00	8.6E-03	1.0E-03	4.5E-05	1.6E-01	1.4E-02	9.7E-08	1.1E+01
343	0.10	1.0E-07	5.2E+00	8.6E-03	1.0E-03	4.7E-05	1.6E-01	1.4E-02	1.0E-07	9.7E+00
344	0.10	1.0E-07	5.3E+00	8.6E-03	1.0E-03	4.7E-05	1.6E-01	1.4E-02	1.0E-07	8.7E+00
345	0.10	1.0E-07	5.3E+00	8.6E-03	1.0E-03	4.8E-05	1.6E-01	1.4E-02	1.0E-07	7.8E+00
346	0.10	1.0E-07	5.3E+00	8.6E-03	1.0E-03	4.7E-05	1.6E-01	1.4E-02	1.0E-07	7.0E+00
347	0.10	1.0E-07	5.2E+00	8.6E-03	1.0E-03	4.7E-05	1.6E-01	1.4E-02	1.0E-07	6.3E+00
348	0.10	1.0E-07	5.2E+00	8.6E-03	1.0E-03	4.6E-05	1.6E-01	1.4E-02	1.0E-07	5.7E+00
349	0.10	9.8E-08	5.0E+00	8.6E-03	1.0E-03	4.5E-05	1.6E-01	1.4E-02	9.7E-08	5.2E+00
350	0.10	9.5E-08	4.9E+00	8.6E-03	1.0E-03	4.4E-05	1.6E-01	1.4E-02	9.5E-08	4.8E+00
351	0.03	3.4E-08	1.7E+00	8.6E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.4E-08	2.1E+01
352	0.04	3.6E-08	1.9E+00	8.6E-03	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.6E-08	2.9E+01
353	0.04	3.9E-08	2.0E+00	8.6E-03	1.0E-03	1.8E-05	1.6E-01	1.4E-02	3.9E-08	4.0E+01
354	0.04	4.2E-08	2.2E+00	8.6E-03	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.2E-08	5.7E+01
355	0.05	4.6E-08	2.4E+00	8.6E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.6E-08	2.2E+01
356	0.05	5.0E-08	2.6E+00	8.6E-03	1.0E-03	2.3E-05	1.6E-01	1.4E-02	5.0E-08	2.5E+01
357	0.05	5.4E-08	2.8E+00	8.6E-03	1.0E-03	2.5E-05	1.6E-01	1.4E-02	5.4E-08	2.6E+01
358	0.06	5.8E-08	3.0E+00	8.6E-03	1.0E-03	2.7E-05	1.6E-01	1.4E-02	5.8E-08	6.8E+01
359	0.06	6.3E-08	3.3E+00	8.6E-03	1.0E-03	2.9E-05	1.6E-01	1.4E-02	6.3E-08	5.2E+01
360	0.07	6.9E-08	3.5E+00	8.6E-03	1.0E-03	3.2E-05	1.6E-01	1.4E-02	6.8E-08	4.1E+01
361	0.07	7.4E-08	3.8E+00	8.6E-03	1.0E-03	3.4E-05	1.6E-01	1.4E-02	7.4E-08	3.3E+01
362	0.08	7.9E-08	4.1E+00	8.6E-03	1.0E-03	3.7E-05	1.6E-01	1.4E-02	7.9E-08	2.8E+01
363	0.09	8.5E-08	4.4E+00	8.6E-03	1.0E-03	3.9E-05	1.6E-01	1.4E-02	8.5E-08	2.3E+01
364	0.09	9.1E-08	4.7E+00	8.6E-03	1.0E-03	4.2E-05	1.6E-01	1.4E-02	9.1E-08	2.0E+01
365	0.10	9.8E-08	5.1E+00	8.6E-03	1.0E-03	4.5E-05	1.6E-01	1.4E-02	9.8E-08	1.7E+01
366	0.10	1.0E-07	5.4E+00	8.6E-03	1.0E-03	4.8E-05	1.6E-01	1.4E-02	1.0E-07	1.5E+01
367	0.11	1.1E-07	5.7E+00	8.6E-03	1.0E-03	5.1E-05	1.6E-01	1.4E-02	1.1E-07	1.3E+01
368	0.12	1.2E-07	6.0E+00	8.6E-03	1.0E-03	5.4E-05	1.6E-01	1.4E-02	1.2E-07	1.1E+01
369	0.12	1.2E-07	6.1E+00	8.6E-03	1.0E-03	5.5E-05	1.6E-01	1.4E-02	1.2E-07	9.9E+00
370	0.12	1.2E-07	6.2E+00	8.6E-03	1.0E-03	5.6E-05	1.6E-01	1.4E-02	1.2E-07	8.8E+00
371	0.12	1.2E-07	6.2E+00	8.6E-03	1.0E-03	5.5E-05	1.6E-01	1.4E-02	1.2E-07	7.8E+00
372	0.12	1.2E-07	6.1E+00	8.6E-03	1.0E-03	5.5E-05	1.6E-01	1.4E-02	1.2E-07	7.0E+00
373	0.12	1.2E-07	6.0E+00	8.6E-03	1.0E-03	5.4E-05	1.6E-01	1.4E-02	1.2E-07	6.3E+00
374	0.11	1.1E-07	5.8E+00	8.6E-03	1.0E-03	5.2E-05	1.6E-01	1.4E-02	1.1E-07	5.7E+00
375	0.11	1.1E-07	5.7E+00	8.6E-03	1.0E-03	5.1E-05	1.6E-01	1.4E-02	1.1E-07	5.2E+00
376	0.11	1.1E-07	5.5E+00	8.6E-03	1.0E-03	4.9E-05	1.6E-01	1.4E-02	1.1E-07	4.7E+00
377	0.04	3.6E-08	1.9E+00	8.6E-03	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.6E-08	2.5E+01
378	0.04	3.9E-08	2.0E+00	8.6E-03	1.0E-03	1.8E-05	1.6E-01	1.4E-02	3.9E-08	3.6E+01
379	0.04	4.3E-08	2.2E+00	8.6E-03	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.3E-08	5.3E+01
380	0.05	4.6E-08	2.4E+00	8.6E-03	1.0E-03	2.2E-05	1.6E-01	1.4E-02	4.6E-08	2.8E+01
381	0.05	5.1E-08	2.6E+00	8.6E-03	1.0E-03	2.4E-05	1.6E-01	1.4E-02	5.1E-08	3.4E+01
382	0.13	1.3E-07	7.0E+00	8.6E-03	1.0E-03	6.2E-05	1.6E-01	1.4E-02	1.3E-07	1.3E+01
383	0.14	1.4E-07	7.2E+00	8.6E-03	1.0E-03	6.5E-05	1.6E-01	1.4E-02	1.4E-07	1.1E+01
384	0.14	1.4E-07	7.3E+00	8.6E-03	1.0E-03	6.6E-05	1.6E-01	1.4E-02	1.4E-07	1.0E+01
385	0.14	1.4E-07	7.3E+00	8.6E-03	1.0E-03	6.6E-05	1.6E-01	1.4E-02	1.4E-07	8.8E+00
386	0.14	1.4E-07	7.2E+00	8.6E-03	1.0E-03	6.5E-05	1.6E-01	1.4E-02	1.4E-07	7.8E+00

387	0.14	1.4E-07	7.0E+00	8.6E-03	1.0E-03	6.3E-05	1.6E-01	1.4E-02	1.4E-07	7.0E+00
388	0.13	1.3E-07	6.8E+00	8.6E-03	1.0E-03	6.1E-05	1.6E-01	1.4E-02	1.3E-07	6.3E+00
389	0.13	1.3E-07	6.6E+00	8.6E-03	1.0E-03	5.9E-05	1.6E-01	1.4E-02	1.3E-07	5.6E+00
390	0.12	1.2E-07	6.3E+00	8.6E-03	1.0E-03	5.7E-05	1.6E-01	1.4E-02	1.2E-07	5.1E+00
391	0.12	1.2E-07	6.1E+00	8.6E-03	1.0E-03	5.4E-05	1.6E-01	1.4E-02	1.2E-07	4.6E+00
392	0.04	3.9E-08	2.0E+00	8.6E-03	1.0E-03	1.8E-05	1.6E-01	1.4E-02	3.9E-08	2.9E+01
393	0.04	4.2E-08	2.2E+00	8.6E-03	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.2E-08	4.2E+01
394	0.05	4.6E-08	2.4E+00	8.6E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.6E-08	6.4E+01
395	0.05	5.1E-08	2.6E+00	8.6E-03	1.0E-03	2.4E-05	1.6E-01	1.4E-02	5.1E-08	4.2E+01
396	0.06	5.6E-08	2.9E+00	8.6E-03	1.0E-03	2.6E-05	1.6E-01	1.4E-02	5.6E-08	5.7E+01
397	0.17	1.7E-07	8.6E+00	8.6E-03	1.0E-03	7.7E-05	1.6E-01	1.4E-02	1.7E-07	1.3E+01
398	0.17	1.7E-07	8.8E+00	8.6E-03	1.0E-03	7.9E-05	1.6E-01	1.4E-02	1.7E-07	1.1E+01
399	0.17	1.7E-07	8.8E+00	8.6E-03	1.0E-03	7.9E-05	1.6E-01	1.4E-02	1.7E-07	1.0E+01
400	0.17	1.7E-07	8.7E+00	8.6E-03	1.0E-03	7.8E-05	1.6E-01	1.4E-02	1.7E-07	8.8E+00
401	0.16	1.6E-07	8.4E+00	8.6E-03	1.0E-03	7.5E-05	1.6E-01	1.4E-02	1.6E-07	7.7E+00
402	0.16	1.6E-07	8.1E+00	8.6E-03	1.0E-03	7.3E-05	1.6E-01	1.4E-02	1.6E-07	6.9E+00
403	0.15	1.5E-07	7.7E+00	8.6E-03	1.0E-03	6.9E-05	1.6E-01	1.4E-02	1.5E-07	6.1E+00
404	0.14	1.4E-07	7.4E+00	8.6E-03	1.0E-03	6.6E-05	1.6E-01	1.4E-02	1.4E-07	5.5E+00
405	0.14	1.4E-07	7.0E+00	8.6E-03	1.0E-03	6.3E-05	1.6E-01	1.4E-02	1.4E-07	5.0E+00
406	0.13	1.3E-07	6.7E+00	8.6E-03	1.0E-03	6.0E-05	1.6E-01	1.4E-02	1.3E-07	4.5E+00
407	0.04	4.1E-08	2.1E+00	8.6E-03	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.1E-08	3.1E+01
408	0.05	4.5E-08	2.3E+00	8.6E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.5E-08	4.5E+01
409	0.05	5.0E-08	2.6E+00	8.6E-03	1.0E-03	2.3E-05	1.6E-01	1.4E-02	5.0E-08	7.1E+01
410	0.05	5.5E-08	2.8E+00	8.6E-03	1.0E-03	2.5E-05	1.6E-01	1.4E-02	5.5E-08	1.7E+01
411	0.06	6.1E-08	3.2E+00	8.6E-03	1.0E-03	2.8E-05	1.6E-01	1.4E-02	6.1E-08	2.0E+01
412	0.21	2.1E-07	1.1E+01	8.6E-03	1.0E-03	9.8E-05	1.6E-01	1.4E-02	2.1E-07	1.3E+01
413	0.21	2.1E-07	1.1E+01	8.6E-03	1.0E-03	9.8E-05	1.6E-01	1.4E-02	2.1E-07	1.1E+01
414	0.21	2.1E-07	1.1E+01	8.6E-03	1.0E-03	9.6E-05	1.6E-01	1.4E-02	2.1E-07	9.8E+00
415	0.20	2.0E-07	1.0E+01	8.6E-03	1.0E-03	9.3E-05	1.6E-01	1.4E-02	2.0E-07	8.6E+00
416	0.19	1.9E-07	9.8E+00	8.6E-03	1.0E-03	8.8E-05	1.6E-01	1.4E-02	1.9E-07	7.6E+00
417	0.18	1.8E-07	9.3E+00	8.6E-03	1.0E-03	8.3E-05	1.6E-01	1.4E-02	1.8E-07	6.7E+00
418	0.17	1.7E-07	8.8E+00	8.6E-03	1.0E-03	7.9E-05	1.6E-01	1.4E-02	1.7E-07	6.0E+00
419	0.16	1.6E-07	8.3E+00	8.6E-03	1.0E-03	7.4E-05	1.6E-01	1.4E-02	1.6E-07	5.4E+00
420	0.15	1.5E-07	7.8E+00	8.6E-03	1.0E-03	7.0E-05	1.6E-01	1.4E-02	1.5E-07	4.9E+00
421	0.14	1.4E-07	7.3E+00	8.6E-03	1.0E-03	6.6E-05	1.6E-01	1.4E-02	1.4E-07	4.4E+00
422	0.04	4.4E-08	2.3E+00	8.6E-03	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.4E-08	3.2E+01
423	0.05	4.8E-08	2.5E+00	8.6E-03	1.0E-03	2.2E-05	1.6E-01	1.4E-02	4.8E-08	4.7E+01
424	0.05	5.4E-08	2.8E+00	8.6E-03	1.0E-03	2.5E-05	1.6E-01	1.4E-02	5.4E-08	7.5E+01
425	0.06	6.0E-08	3.1E+00	8.6E-03	1.0E-03	2.8E-05	1.6E-01	1.4E-02	6.0E-08	6.2E+01
426	0.07	6.7E-08	3.5E+00	8.6E-03	1.0E-03	3.1E-05	1.6E-01	1.4E-02	6.7E-08	3.4E+01
427	0.27	2.7E-07	1.4E+01	8.6E-03	1.0E-03	1.3E-04	1.6E-01	1.4E-02	2.7E-07	1.3E+01
428	0.27	2.7E-07	1.4E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	1.4E-02	2.7E-07	1.1E+01
429	0.25	2.5E-07	1.3E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	1.4E-02	2.5E-07	9.5E+00
430	0.24	2.4E-07	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.4E-07	8.3E+00
431	0.22	2.2E-07	1.1E+01	8.6E-03	1.0E-03	1.0E-04	1.6E-01	1.4E-02	2.2E-07	7.3E+00
432	0.21	2.1E-07	1.1E+01	8.6E-03	1.0E-03	9.6E-05	1.6E-01	1.4E-02	2.1E-07	6.5E+00
433	0.19	1.9E-07	9.9E+00	8.6E-03	1.0E-03	8.9E-05	1.6E-01	1.4E-02	1.9E-07	5.8E+00
434	0.18	1.8E-07	9.2E+00	8.6E-03	1.0E-03	8.3E-05	1.6E-01	1.4E-02	1.8E-07	5.2E+00
435	0.17	1.7E-07	8.6E+00	8.6E-03	1.0E-03	7.7E-05	1.6E-01	1.4E-02	1.7E-07	4.7E+00

436	0.15	1.5E-07	8.0E+00	8.6E-03	1.0E-03	7.2E-05	1.6E-01	1.4E-02	1.5E-07	4.3E+00
437	0.05	4.7E-08	2.4E+00	8.6E-03	1.0E-03	2.2E-05	1.6E-01	1.4E-02	4.7E-08	3.2E+01
438	0.05	5.2E-08	2.7E+00	8.6E-03	1.0E-03	2.4E-05	1.6E-01	1.4E-02	5.2E-08	4.7E+01
439	0.06	5.8E-08	3.0E+00	8.6E-03	1.0E-03	2.7E-05	1.6E-01	1.4E-02	5.8E-08	7.4E+01
440	0.06	6.5E-08	3.3E+00	8.6E-03	1.0E-03	3.0E-05	1.6E-01	1.4E-02	6.5E-08	6.2E+01
441	0.07	7.4E-08	3.8E+00	8.6E-03	1.0E-03	3.4E-05	1.6E-01	1.4E-02	7.4E-08	3.0E+01
442	0.36	3.6E-07	1.9E+01	8.6E-03	1.0E-03	1.7E-04	1.6E-01	1.4E-02	3.6E-07	1.2E+01
443	0.33	3.3E-07	1.7E+01	8.6E-03	1.0E-03	1.6E-04	1.6E-01	1.4E-02	3.3E-07	1.1E+01
444	0.31	3.1E-07	1.6E+01	8.6E-03	1.0E-03	1.4E-04	1.6E-01	1.4E-02	3.1E-07	9.1E+00
445	0.28	2.8E-07	1.4E+01	8.6E-03	1.0E-03	1.3E-04	1.6E-01	1.4E-02	2.8E-07	8.0E+00
446	0.26	2.6E-07	1.3E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	1.4E-02	2.6E-07	7.0E+00
447	0.23	2.3E-07	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.3E-07	6.2E+00
448	0.21	2.1E-07	1.1E+01	8.6E-03	1.0E-03	1.0E-04	1.6E-01	1.4E-02	2.1E-07	5.6E+00
449	0.20	2.0E-07	1.0E+01	8.6E-03	1.0E-03	9.2E-05	1.6E-01	1.4E-02	2.0E-07	5.0E+00
450	0.18	1.8E-07	9.4E+00	8.6E-03	1.0E-03	8.4E-05	1.6E-01	1.4E-02	1.8E-07	4.5E+00
451	0.17	1.7E-07	8.7E+00	8.6E-03	1.0E-03	7.8E-05	1.6E-01	1.4E-02	1.7E-07	4.1E+00
452	0.05	4.9E-08	2.5E+00	8.6E-03	1.0E-03	2.3E-05	1.6E-01	1.4E-02	4.9E-08	3.0E+01
453	0.06	5.5E-08	2.8E+00	8.6E-03	1.0E-03	2.6E-05	1.6E-01	1.4E-02	5.5E-08	4.5E+01
454	0.06	6.2E-08	3.2E+00	8.6E-03	1.0E-03	2.9E-05	1.6E-01	1.4E-02	6.2E-08	7.0E+01
455	0.07	7.0E-08	3.6E+00	8.6E-03	1.0E-03	3.3E-05	1.6E-01	1.4E-02	7.0E-08	1.5E+01
456	0.08	8.1E-08	4.2E+00	8.6E-03	1.0E-03	3.8E-05	1.6E-01	1.4E-02	8.1E-08	1.8E+01
457	0.47	4.7E-07	2.5E+01	8.6E-03	1.0E-03	2.2E-04	1.6E-01	1.4E-02	4.7E-07	1.2E+01
458	0.42	4.2E-07	2.2E+01	8.6E-03	1.0E-03	1.9E-04	1.6E-01	1.4E-02	4.2E-07	1.0E+01
459	0.37	3.7E-07	1.9E+01	8.6E-03	1.0E-03	1.7E-04	1.6E-01	1.4E-02	3.7E-07	8.7E+00
460	0.33	3.3E-07	1.7E+01	8.6E-03	1.0E-03	1.5E-04	1.6E-01	1.4E-02	3.3E-07	7.6E+00
461	0.29	2.9E-07	1.5E+01	8.6E-03	1.0E-03	1.4E-04	1.6E-01	1.4E-02	2.9E-07	6.7E+00
462	0.26	2.6E-07	1.4E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	1.4E-02	2.6E-07	6.0E+00
463	0.24	2.4E-07	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.4E-07	5.3E+00
464	0.22	2.2E-07	1.1E+01	8.6E-03	1.0E-03	1.0E-04	1.6E-01	1.4E-02	2.2E-07	4.8E+00
465	0.20	2.0E-07	1.0E+01	8.6E-03	1.0E-03	9.2E-05	1.6E-01	1.4E-02	2.0E-07	4.3E+00
466	0.18	1.8E-07	9.4E+00	8.6E-03	1.0E-03	8.4E-05	1.6E-01	1.4E-02	1.8E-07	3.9E+00
467	0.05	5.2E-08	2.7E+00	8.6E-03	1.0E-03	2.4E-05	1.6E-01	1.4E-02	5.2E-08	2.8E+01
468	0.06	5.8E-08	3.0E+00	8.6E-03	1.0E-03	2.7E-05	1.6E-01	1.4E-02	5.8E-08	4.0E+01
469	0.07	6.6E-08	3.4E+00	8.6E-03	1.0E-03	3.1E-05	1.6E-01	1.4E-02	6.6E-08	6.1E+01
470	0.08	7.6E-08	3.9E+00	8.6E-03	1.0E-03	3.5E-05	1.6E-01	1.4E-02	7.6E-08	3.9E+01
471	0.09	8.9E-08	4.6E+00	8.6E-03	1.0E-03	4.1E-05	1.6E-01	1.4E-02	8.8E-08	5.0E+01
472	0.61	6.1E-07	3.1E+01	8.6E-03	1.0E-03	2.8E-04	1.6E-01	1.4E-02	6.1E-07	1.1E+01
473	0.51	5.1E-07	2.6E+01	8.6E-03	1.0E-03	2.3E-04	1.6E-01	1.4E-02	5.1E-07	9.3E+00
474	0.43	4.3E-07	2.2E+01	8.6E-03	1.0E-03	2.0E-04	1.6E-01	1.4E-02	4.3E-07	8.2E+00
475	0.37	3.7E-07	1.9E+01	8.6E-03	1.0E-03	1.7E-04	1.6E-01	1.4E-02	3.7E-07	7.2E+00
476	0.33	3.3E-07	1.7E+01	8.6E-03	1.0E-03	1.5E-04	1.6E-01	1.4E-02	3.3E-07	6.3E+00
477	0.29	2.9E-07	1.5E+01	8.6E-03	1.0E-03	1.4E-04	1.6E-01	1.4E-02	2.9E-07	5.7E+00
478	0.26	2.6E-07	1.4E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	1.4E-02	2.6E-07	5.1E+00
479	0.24	2.4E-07	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.4E-07	4.6E+00
480	0.21	2.1E-07	1.1E+01	8.6E-03	1.0E-03	1.0E-04	1.6E-01	1.4E-02	2.1E-07	4.1E+00
481	0.19	1.9E-07	1.0E+01	8.6E-03	1.0E-03	9.0E-05	1.6E-01	1.4E-02	1.9E-07	3.7E+00
482	0.05	5.4E-08	2.8E+00	8.6E-03	1.0E-03	2.5E-05	1.6E-01	1.4E-02	5.4E-08	2.4E+01
483	0.06	6.1E-08	3.2E+00	8.6E-03	1.0E-03	2.8E-05	1.6E-01	1.4E-02	6.1E-08	3.4E+01
484	0.07	7.0E-08	3.6E+00	8.6E-03	1.0E-03	3.2E-05	1.6E-01	1.4E-02	7.0E-08	5.0E+01

485	0.08	8.1E-08	4.2E+00	8.6E-03	1.0E-03	3.8E-05	1.6E-01	1.4E-02	8.1E-08	2.6E+01
486	0.10	9.6E-08	5.0E+00	8.6E-03	1.0E-03	4.5E-05	1.6E-01	1.4E-02	9.6E-08	3.1E+01
487	0.73	7.3E-07	3.8E+01	8.6E-03	1.0E-03	3.4E-04	1.6E-01	1.4E-02	7.3E-07	9.9E+00
488	0.59	5.9E-07	3.0E+01	8.6E-03	1.0E-03	2.7E-04	1.6E-01	1.4E-02	5.9E-07	8.7E+00
489	0.49	4.9E-07	2.5E+01	8.6E-03	1.0E-03	2.3E-04	1.6E-01	1.4E-02	4.9E-07	7.6E+00
490	0.42	4.2E-07	2.2E+01	8.6E-03	1.0E-03	1.9E-04	1.6E-01	1.4E-02	4.2E-07	6.7E+00
491	0.37	3.7E-07	1.9E+01	8.6E-03	1.0E-03	1.7E-04	1.6E-01	1.4E-02	3.7E-07	6.0E+00
492	0.32	3.2E-07	1.7E+01	8.6E-03	1.0E-03	1.5E-04	1.6E-01	1.4E-02	3.2E-07	5.3E+00
493	0.29	2.9E-07	1.5E+01	8.6E-03	1.0E-03	1.3E-04	1.6E-01	1.4E-02	2.9E-07	4.8E+00
494	0.26	2.6E-07	1.3E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	1.4E-02	2.6E-07	4.3E+00
495	0.23	2.3E-07	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.3E-07	3.9E+00
496	0.21	2.1E-07	1.1E+01	8.6E-03	1.0E-03	9.6E-05	1.6E-01	1.4E-02	2.1E-07	3.6E+00
497	0.06	5.6E-08	2.9E+00	8.6E-03	1.0E-03	2.6E-05	1.6E-01	1.4E-02	5.6E-08	2.0E+01
498	0.06	6.4E-08	3.3E+00	8.6E-03	1.0E-03	3.0E-05	1.6E-01	1.4E-02	6.4E-08	2.7E+01
499	0.07	7.4E-08	3.8E+00	8.6E-03	1.0E-03	3.4E-05	1.6E-01	1.4E-02	7.4E-08	3.8E+01
500	0.09	8.7E-08	4.5E+00	8.6E-03	1.0E-03	4.0E-05	1.6E-01	1.4E-02	8.7E-08	5.3E+01
501	0.10	1.0E-07	5.4E+00	8.6E-03	1.0E-03	4.8E-05	1.6E-01	1.4E-02	1.0E-07	2.0E+01
502	0.82	8.2E-07	4.2E+01	8.6E-03	1.0E-03	3.8E-04	1.6E-01	1.4E-02	8.2E-07	9.1E+00
503	0.65	6.5E-07	3.4E+01	8.6E-03	1.0E-03	3.0E-04	1.6E-01	1.4E-02	6.5E-07	8.0E+00
504	0.54	5.4E-07	2.8E+01	8.6E-03	1.0E-03	2.5E-04	1.6E-01	1.4E-02	5.4E-07	7.1E+00
505	0.46	4.6E-07	2.4E+01	8.6E-03	1.0E-03	2.2E-04	1.6E-01	1.4E-02	4.6E-07	6.3E+00
506	0.40	4.0E-07	2.1E+01	8.6E-03	1.0E-03	1.9E-04	1.6E-01	1.4E-02	4.0E-07	5.6E+00
507	0.35	3.5E-07	1.8E+01	8.6E-03	1.0E-03	1.6E-04	1.6E-01	1.4E-02	3.5E-07	5.0E+00
508	0.31	3.1E-07	1.6E+01	8.6E-03	1.0E-03	1.4E-04	1.6E-01	1.4E-02	3.1E-07	4.5E+00
509	0.28	2.8E-07	1.4E+01	8.6E-03	1.0E-03	1.3E-04	1.6E-01	1.4E-02	2.8E-07	4.1E+00
510	0.25	2.5E-07	1.3E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.5E-07	3.7E+00
511	0.22	2.2E-07	1.1E+01	8.6E-03	1.0E-03	1.0E-04	1.6E-01	1.4E-02	2.2E-07	3.4E+00
512	0.06	5.8E-08	3.0E+00	8.6E-03	1.0E-03	2.7E-05	1.6E-01	1.4E-02	5.8E-08	1.7E+01
513	0.07	6.7E-08	3.5E+00	8.6E-03	1.0E-03	3.1E-05	1.6E-01	1.4E-02	6.7E-08	2.2E+01
514	0.08	7.7E-08	4.0E+00	8.6E-03	1.0E-03	3.6E-05	1.6E-01	1.4E-02	7.7E-08	2.8E+01
515	0.09	9.1E-08	4.7E+00	8.6E-03	1.0E-03	4.2E-05	1.6E-01	1.4E-02	9.1E-08	3.6E+01
516	0.11	1.1E-07	5.7E+00	8.6E-03	1.0E-03	5.1E-05	1.6E-01	1.4E-02	1.1E-07	4.3E+01
517	0.89	8.9E-07	4.6E+01	8.6E-03	1.0E-03	4.1E-04	1.6E-01	1.4E-02	8.9E-07	8.3E+00
518	0.72	7.2E-07	3.7E+01	8.6E-03	1.0E-03	3.4E-04	1.6E-01	1.4E-02	7.2E-07	7.4E+00
519	0.60	6.0E-07	3.1E+01	8.6E-03	1.0E-03	2.8E-04	1.6E-01	1.4E-02	6.0E-07	6.5E+00
520	0.51	5.1E-07	2.6E+01	8.6E-03	1.0E-03	2.4E-04	1.6E-01	1.4E-02	5.1E-07	5.8E+00
521	0.44	4.4E-07	2.3E+01	8.6E-03	1.0E-03	2.0E-04	1.6E-01	1.4E-02	4.4E-07	5.2E+00
522	0.38	3.8E-07	2.0E+01	8.6E-03	1.0E-03	1.8E-04	1.6E-01	1.4E-02	3.8E-07	4.7E+00
523	0.33	3.3E-07	1.7E+01	8.6E-03	1.0E-03	1.6E-04	1.6E-01	1.4E-02	3.3E-07	4.3E+00
524	0.29	2.9E-07	1.5E+01	8.6E-03	1.0E-03	1.4E-04	1.6E-01	1.4E-02	2.9E-07	3.9E+00
525	0.26	2.6E-07	1.3E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	1.4E-02	2.6E-07	3.5E+00
526	0.23	2.3E-07	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.3E-07	3.2E+00
527	0.06	6.0E-08	3.1E+00	8.6E-03	1.0E-03	2.8E-05	1.6E-01	1.4E-02	6.0E-08	1.4E+01
528	0.07	6.9E-08	3.6E+00	8.6E-03	1.0E-03	3.2E-05	1.6E-01	1.4E-02	6.9E-08	1.7E+01
529	0.08	8.1E-08	4.2E+00	8.6E-03	1.0E-03	3.7E-05	1.6E-01	1.4E-02	8.1E-08	2.1E+01
530	0.10	9.6E-08	5.0E+00	8.6E-03	1.0E-03	4.4E-05	1.6E-01	1.4E-02	9.6E-08	2.5E+01
531	0.12	1.2E-07	6.0E+00	8.6E-03	1.0E-03	5.4E-05	1.6E-01	1.4E-02	1.2E-07	2.8E+01
532	0.97	9.7E-07	5.0E+01	8.6E-03	1.0E-03	4.5E-04	1.6E-01	1.4E-02	9.7E-07	7.6E+00
533	0.79	7.9E-07	4.1E+01	8.6E-03	1.0E-03	3.7E-04	1.6E-01	1.4E-02	7.9E-07	6.8E+00

534	0.65	6.5E-07	3.4E+01	8.6E-03	1.0E-03	3.0E-04	1.6E-01	1.4E-02	6.5E-07	6.0E+00
535	0.55	5.5E-07	2.8E+01	8.6E-03	1.0E-03	2.5E-04	1.6E-01	1.4E-02	5.5E-07	5.4E+00
536	0.47	4.7E-07	2.4E+01	8.6E-03	1.0E-03	2.2E-04	1.6E-01	1.4E-02	4.7E-07	4.9E+00
537	0.40	4.0E-07	2.1E+01	8.6E-03	1.0E-03	1.9E-04	1.6E-01	1.4E-02	4.0E-07	4.4E+00
538	0.35	3.5E-07	1.8E+01	8.6E-03	1.0E-03	1.6E-04	1.6E-01	1.4E-02	3.5E-07	4.0E+00
539	0.31	3.1E-07	1.6E+01	8.6E-03	1.0E-03	1.4E-04	1.6E-01	1.4E-02	3.1E-07	3.7E+00
540	0.27	2.7E-07	1.4E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	1.4E-02	2.7E-07	3.3E+00
541	0.23	2.3E-07	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.3E-07	3.0E+00
542	0.06	6.1E-08	3.2E+00	8.6E-03	1.0E-03	2.9E-05	1.6E-01	1.4E-02	6.1E-08	1.2E+01
543	0.07	7.1E-08	3.7E+00	8.6E-03	1.0E-03	3.3E-05	1.6E-01	1.4E-02	7.1E-08	1.4E+01
544	0.08	8.3E-08	4.3E+00	8.6E-03	1.0E-03	3.9E-05	1.6E-01	1.4E-02	8.3E-08	1.6E+01
545	0.10	9.9E-08	5.1E+00	8.6E-03	1.0E-03	4.6E-05	1.6E-01	1.4E-02	9.9E-08	1.8E+01
546	0.12	1.2E-07	6.3E+00	8.6E-03	1.0E-03	5.6E-05	1.6E-01	1.4E-02	1.2E-07	2.0E+01
547	1.08	1.1E-06	5.6E+01	8.6E-03	1.0E-03	5.0E-04	1.6E-01	1.4E-02	1.1E-06	6.9E+00
548	0.87	8.7E-07	4.5E+01	8.6E-03	1.0E-03	4.0E-04	1.6E-01	1.4E-02	8.7E-07	6.2E+00
549	0.71	7.1E-07	3.7E+01	8.6E-03	1.0E-03	3.3E-04	1.6E-01	1.4E-02	7.1E-07	5.5E+00
550	0.59	5.9E-07	3.1E+01	8.6E-03	1.0E-03	2.7E-04	1.6E-01	1.4E-02	5.9E-07	5.0E+00
551	0.49	4.9E-07	2.5E+01	8.6E-03	1.0E-03	2.3E-04	1.6E-01	1.4E-02	4.9E-07	4.5E+00
552	0.41	4.1E-07	2.1E+01	8.6E-03	1.0E-03	1.9E-04	1.6E-01	1.4E-02	4.1E-07	4.0E+00
553	0.36	3.6E-07	1.9E+01	8.6E-03	1.0E-03	1.7E-04	1.6E-01	1.4E-02	3.6E-07	3.7E+00
554	0.31	3.1E-07	1.6E+01	8.6E-03	1.0E-03	1.4E-04	1.6E-01	1.4E-02	3.1E-07	3.4E+00
555	0.27	2.7E-07	1.4E+01	8.6E-03	1.0E-03	1.3E-04	1.6E-01	1.4E-02	2.7E-07	3.1E+00
556	0.23	2.3E-07	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.3E-07	2.9E+00
557	0.06	6.2E-08	3.2E+00	8.6E-03	1.0E-03	2.9E-05	1.6E-01	1.4E-02	6.2E-08	9.6E+00
558	0.07	7.2E-08	3.7E+00	8.6E-03	1.0E-03	3.4E-05	1.6E-01	1.4E-02	7.2E-08	1.1E+01
559	0.08	8.5E-08	4.4E+00	8.6E-03	1.0E-03	3.9E-05	1.6E-01	1.4E-02	8.5E-08	1.3E+01
560	0.10	1.0E-07	5.3E+00	8.6E-03	1.0E-03	4.7E-05	1.6E-01	1.4E-02	1.0E-07	1.4E+01
561	0.12	1.2E-07	6.4E+00	8.6E-03	1.0E-03	5.8E-05	1.6E-01	1.4E-02	1.2E-07	1.5E+01
562	0.99	9.9E-07	5.1E+01	8.6E-03	1.0E-03	4.6E-04	1.6E-01	1.4E-02	9.9E-07	5.7E+00
563	0.80	8.0E-07	4.1E+01	8.6E-03	1.0E-03	3.7E-04	1.6E-01	1.4E-02	8.0E-07	5.1E+00
564	0.64	6.4E-07	3.3E+01	8.6E-03	1.0E-03	3.0E-04	1.6E-01	1.4E-02	6.4E-07	4.6E+00
565	0.49	4.9E-07	2.5E+01	8.6E-03	1.0E-03	2.3E-04	1.6E-01	1.4E-02	4.9E-07	4.1E+00
566	0.41	4.1E-07	2.1E+01	8.6E-03	1.0E-03	1.9E-04	1.6E-01	1.4E-02	4.1E-07	3.7E+00
567	0.35	3.5E-07	1.8E+01	8.6E-03	1.0E-03	1.6E-04	1.6E-01	1.4E-02	3.5E-07	3.4E+00
568	0.30	3.0E-07	1.5E+01	8.6E-03	1.0E-03	1.4E-04	1.6E-01	1.4E-02	3.0E-07	3.1E+00
569	0.26	2.6E-07	1.3E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	1.4E-02	2.6E-07	2.9E+00
570	0.23	2.3E-07	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.3E-07	2.7E+00
571	0.06	6.3E-08	3.3E+00	8.6E-03	1.0E-03	2.9E-05	1.6E-01	1.4E-02	6.3E-08	8.2E+00
572	0.07	7.3E-08	3.8E+00	8.6E-03	1.0E-03	3.4E-05	1.6E-01	1.4E-02	7.3E-08	9.3E+00
573	0.09	8.6E-08	4.4E+00	8.6E-03	1.0E-03	4.0E-05	1.6E-01	1.4E-02	8.6E-08	1.0E+01
574	0.10	1.0E-07	5.4E+00	8.6E-03	1.0E-03	4.8E-05	1.6E-01	1.4E-02	1.0E-07	1.1E+01
575	0.13	1.3E-07	6.5E+00	8.6E-03	1.0E-03	5.8E-05	1.6E-01	1.4E-02	1.3E-07	1.2E+01
576	0.91	9.1E-07	4.7E+01	8.6E-03	1.0E-03	4.2E-04	1.6E-01	1.4E-02	9.1E-07	4.8E+00
577	0.73	7.3E-07	3.8E+01	8.6E-03	1.0E-03	3.4E-04	1.6E-01	1.4E-02	7.3E-07	4.3E+00
578	0.56	5.6E-07	2.9E+01	8.6E-03	1.0E-03	2.6E-04	1.6E-01	1.4E-02	5.6E-07	3.9E+00
579	0.46	4.6E-07	2.4E+01	8.6E-03	1.0E-03	2.1E-04	1.6E-01	1.4E-02	4.6E-07	3.6E+00
580	0.38	3.8E-07	2.0E+01	8.6E-03	1.0E-03	1.8E-04	1.6E-01	1.4E-02	3.8E-07	3.3E+00
581	0.31	3.1E-07	1.6E+01	8.6E-03	1.0E-03	1.4E-04	1.6E-01	1.4E-02	3.1E-07	3.0E+00
582	0.26	2.6E-07	1.3E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	1.4E-02	2.6E-07	2.7E+00

583	0.22	2.2E-07	1.1E+01	8.6E-03	1.0E-03	1.0E-04	1.6E-01	1.4E-02	2.2E-07	2.5E+00
584	0.06	6.3E-08	3.3E+00	8.6E-03	1.0E-03	2.9E-05	1.6E-01	1.4E-02	6.3E-08	7.0E+00
585	0.07	7.3E-08	3.8E+00	8.6E-03	1.0E-03	3.4E-05	1.6E-01	1.4E-02	7.3E-08	7.8E+00
586	0.09	8.6E-08	4.5E+00	8.6E-03	1.0E-03	4.0E-05	1.6E-01	1.4E-02	8.6E-08	8.5E+00
587	0.10	1.0E-07	5.4E+00	8.6E-03	1.0E-03	4.8E-05	1.6E-01	1.4E-02	1.0E-07	9.1E+00
588	0.13	1.3E-07	6.5E+00	8.6E-03	1.0E-03	5.9E-05	1.6E-01	1.4E-02	1.3E-07	9.7E+00
589	0.86	8.6E-07	4.4E+01	8.6E-03	1.0E-03	4.0E-04	1.6E-01	1.4E-02	8.6E-07	4.1E+00
590	0.68	6.8E-07	3.5E+01	8.6E-03	1.0E-03	3.2E-04	1.6E-01	1.4E-02	6.8E-07	3.8E+00
591	0.54	5.4E-07	2.8E+01	8.6E-03	1.0E-03	2.5E-04	1.6E-01	1.4E-02	5.4E-07	3.5E+00
592	0.42	4.2E-07	2.2E+01	8.6E-03	1.0E-03	2.0E-04	1.6E-01	1.4E-02	4.2E-07	3.2E+00
593	0.34	3.4E-07	1.8E+01	8.6E-03	1.0E-03	1.6E-04	1.6E-01	1.4E-02	3.4E-07	2.9E+00
594	0.28	2.8E-07	1.4E+01	8.6E-03	1.0E-03	1.3E-04	1.6E-01	1.4E-02	2.8E-07	2.7E+00
595	0.23	2.3E-07	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.3E-07	2.4E+00
596	0.06	6.2E-08	3.2E+00	8.6E-03	1.0E-03	2.9E-05	1.6E-01	1.4E-02	6.2E-08	6.0E+00
597	0.07	7.3E-08	3.8E+00	8.6E-03	1.0E-03	3.4E-05	1.6E-01	1.4E-02	7.3E-08	6.6E+00
598	0.09	8.5E-08	4.4E+00	8.6E-03	1.0E-03	4.0E-05	1.6E-01	1.4E-02	8.5E-08	7.1E+00
599	0.10	1.0E-07	5.3E+00	8.6E-03	1.0E-03	4.7E-05	1.6E-01	1.4E-02	1.0E-07	7.6E+00
600	0.12	1.2E-07	6.4E+00	8.6E-03	1.0E-03	5.8E-05	1.6E-01	1.4E-02	1.2E-07	8.0E+00
601	0.73	7.3E-07	3.8E+01	8.6E-03	1.0E-03	3.4E-04	1.6E-01	1.4E-02	7.3E-07	3.5E+00
602	0.56	5.6E-07	2.9E+01	8.6E-03	1.0E-03	2.6E-04	1.6E-01	1.4E-02	5.6E-07	3.3E+00
603	0.43	4.3E-07	2.2E+01	8.6E-03	1.0E-03	2.0E-04	1.6E-01	1.4E-02	4.3E-07	3.0E+00
604	0.34	3.4E-07	1.8E+01	8.6E-03	1.0E-03	1.6E-04	1.6E-01	1.4E-02	3.4E-07	2.8E+00
605	0.28	2.8E-07	1.5E+01	8.6E-03	1.0E-03	1.3E-04	1.6E-01	1.4E-02	2.8E-07	2.6E+00
606	0.23	2.3E-07	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.3E-07	2.4E+00
607	0.06	6.1E-08	3.2E+00	8.6E-03	1.0E-03	2.9E-05	1.6E-01	1.4E-02	6.1E-08	5.2E+00
608	0.07	7.2E-08	3.7E+00	8.6E-03	1.0E-03	3.3E-05	1.6E-01	1.4E-02	7.2E-08	5.7E+00
609	0.08	8.4E-08	4.3E+00	8.6E-03	1.0E-03	3.9E-05	1.6E-01	1.4E-02	8.4E-08	6.1E+00
610	0.10	1.0E-07	5.2E+00	8.6E-03	1.0E-03	4.6E-05	1.6E-01	1.4E-02	1.0E-07	6.5E+00
611	0.12	1.2E-07	6.2E+00	8.6E-03	1.0E-03	5.6E-05	1.6E-01	1.4E-02	1.2E-07	6.8E+00
612	0.74	7.4E-07	3.8E+01	8.6E-03	1.0E-03	3.4E-04	1.6E-01	1.4E-02	7.4E-07	3.3E+00
613	0.55	5.5E-07	2.8E+01	8.6E-03	1.0E-03	2.6E-04	1.6E-01	1.4E-02	5.5E-07	3.1E+00
614	0.42	4.2E-07	2.2E+01	8.6E-03	1.0E-03	1.9E-04	1.6E-01	1.4E-02	4.2E-07	2.9E+00
615	0.33	3.3E-07	1.7E+01	8.6E-03	1.0E-03	1.5E-04	1.6E-01	1.4E-02	3.3E-07	2.7E+00
616	0.27	2.7E-07	1.4E+01	8.6E-03	1.0E-03	1.3E-04	1.6E-01	1.4E-02	2.7E-07	2.5E+00
617	0.22	2.2E-07	1.1E+01	8.6E-03	1.0E-03	1.0E-04	1.6E-01	1.4E-02	2.2E-07	2.3E+00
618	0.06	6.0E-08	3.1E+00	8.6E-03	1.0E-03	2.8E-05	1.6E-01	1.4E-02	6.0E-08	4.6E+00
619	0.07	6.9E-08	3.6E+00	8.6E-03	1.0E-03	3.2E-05	1.6E-01	1.4E-02	6.9E-08	4.9E+00
620	0.08	8.1E-08	4.2E+00	8.6E-03	1.0E-03	3.8E-05	1.6E-01	1.4E-02	8.1E-08	5.3E+00
621	0.10	9.6E-08	5.0E+00	8.6E-03	1.0E-03	4.5E-05	1.6E-01	1.4E-02	9.6E-08	5.6E+00
622	0.12	1.2E-07	6.0E+00	8.6E-03	1.0E-03	5.4E-05	1.6E-01	1.4E-02	1.2E-07	5.8E+00
623	0.70	7.0E-07	3.6E+01	8.6E-03	1.0E-03	3.2E-04	1.6E-01	1.4E-02	7.0E-07	3.1E+00
624	0.51	5.1E-07	2.6E+01	8.6E-03	1.0E-03	2.4E-04	1.6E-01	1.4E-02	5.1E-07	2.9E+00
625	0.39	3.9E-07	2.0E+01	8.6E-03	1.0E-03	1.8E-04	1.6E-01	1.4E-02	3.9E-07	2.7E+00
626	0.31	3.1E-07	1.6E+01	8.6E-03	1.0E-03	1.4E-04	1.6E-01	1.4E-02	3.1E-07	2.5E+00
627	0.26	2.6E-07	1.3E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	1.4E-02	2.6E-07	2.4E+00
628	0.21	2.1E-07	1.1E+01	8.6E-03	1.0E-03	9.8E-05	1.6E-01	1.4E-02	2.1E-07	2.2E+00
629	0.06	5.8E-08	3.0E+00	8.6E-03	1.0E-03	2.7E-05	1.6E-01	1.4E-02	5.8E-08	4.1E+00
630	0.07	6.7E-08	3.5E+00	8.6E-03	1.0E-03	3.1E-05	1.6E-01	1.4E-02	6.7E-08	4.3E+00
631	0.08	7.8E-08	4.0E+00	8.6E-03	1.0E-03	3.6E-05	1.6E-01	1.4E-02	7.8E-08	4.6E+00

632	0.09	9.2E-08	4.7E+00	8.6E-03	1.0E-03	4.3E-05	1.6E-01	1.4E-02	9.2E-08	4.8E+00
633	0.11	1.1E-07	5.7E+00	8.6E-03	1.0E-03	5.1E-05	1.6E-01	1.4E-02	1.1E-07	5.0E+00
634	0.60	6.0E-07	3.1E+01	8.6E-03	1.0E-03	2.8E-04	1.6E-01	1.4E-02	6.0E-07	3.0E+00
635	0.45	4.5E-07	2.3E+01	8.6E-03	1.0E-03	2.1E-04	1.6E-01	1.4E-02	4.5E-07	2.8E+00
636	0.35	3.5E-07	1.8E+01	8.6E-03	1.0E-03	1.6E-04	1.6E-01	1.4E-02	3.5E-07	2.6E+00
637	0.28	2.8E-07	1.5E+01	8.6E-03	1.0E-03	1.3E-04	1.6E-01	1.4E-02	2.8E-07	2.4E+00
638	0.24	2.4E-07	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.4E-07	2.3E+00
639	0.20	2.0E-07	1.0E+01	8.6E-03	1.0E-03	9.2E-05	1.6E-01	1.4E-02	2.0E-07	2.1E+00
640	0.06	5.6E-08	2.9E+00	8.6E-03	1.0E-03	2.6E-05	1.6E-01	1.4E-02	5.6E-08	3.6E+00
641	0.06	6.4E-08	3.3E+00	8.6E-03	1.0E-03	3.0E-05	1.6E-01	1.4E-02	6.4E-08	3.8E+00
642	0.07	7.5E-08	3.9E+00	8.6E-03	1.0E-03	3.5E-05	1.6E-01	1.4E-02	7.4E-08	4.1E+00
643	0.09	8.7E-08	4.5E+00	8.6E-03	1.0E-03	4.1E-05	1.6E-01	1.4E-02	8.7E-08	4.3E+00
644	0.10	1.0E-07	5.4E+00	8.6E-03	1.0E-03	4.8E-05	1.6E-01	1.4E-02	1.0E-07	4.4E+00
645	0.48	4.8E-07	2.5E+01	8.6E-03	1.0E-03	2.2E-04	1.6E-01	1.4E-02	4.8E-07	2.8E+00
646	0.38	3.8E-07	2.0E+01	8.6E-03	1.0E-03	1.8E-04	1.6E-01	1.4E-02	3.8E-07	2.6E+00
647	0.31	3.1E-07	1.6E+01	8.6E-03	1.0E-03	1.4E-04	1.6E-01	1.4E-02	3.1E-07	2.5E+00
648	0.25	2.5E-07	1.3E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	1.4E-02	2.5E-07	2.3E+00
649	0.21	2.1E-07	1.1E+01	8.6E-03	1.0E-03	9.9E-05	1.6E-01	1.4E-02	2.1E-07	2.2E+00
650	0.18	1.8E-07	9.4E+00	8.6E-03	1.0E-03	8.4E-05	1.6E-01	1.4E-02	1.8E-07	2.0E+00
651	0.05	5.4E-08	2.8E+00	8.6E-03	1.0E-03	2.5E-05	1.6E-01	1.4E-02	5.4E-08	3.2E+00
652	0.06	6.2E-08	3.2E+00	8.6E-03	1.0E-03	2.9E-05	1.6E-01	1.4E-02	6.2E-08	3.4E+00
653	0.07	7.1E-08	3.7E+00	8.6E-03	1.0E-03	3.3E-05	1.6E-01	1.4E-02	7.1E-08	3.6E+00
654	0.08	8.3E-08	4.3E+00	8.6E-03	1.0E-03	3.8E-05	1.6E-01	1.4E-02	8.3E-08	3.8E+00
655	0.10	9.8E-08	5.1E+00	8.6E-03	1.0E-03	4.5E-05	1.6E-01	1.4E-02	9.8E-08	3.9E+00
656	0.12	1.2E-07	6.0E+00	8.6E-03	1.0E-03	5.4E-05	1.6E-01	1.4E-02	1.2E-07	4.0E+00
657	0.14	1.4E-07	7.3E+00	8.6E-03	1.0E-03	6.6E-05	1.6E-01	1.4E-02	1.4E-07	4.1E+00
658	0.18	1.8E-07	9.1E+00	8.6E-03	1.0E-03	8.2E-05	1.6E-01	1.4E-02	1.8E-07	4.1E+00
659	0.22	2.2E-07	1.2E+01	8.6E-03	1.0E-03	1.0E-04	1.6E-01	1.4E-02	2.2E-07	4.1E+00
660	0.29	2.9E-07	1.5E+01	8.6E-03	1.0E-03	1.3E-04	1.6E-01	1.4E-02	2.9E-07	4.1E+00
661	0.38	3.8E-07	1.9E+01	8.6E-03	1.0E-03	1.7E-04	1.6E-01	1.4E-02	3.8E-07	4.0E+00
662	0.47	4.7E-07	2.4E+01	8.6E-03	1.0E-03	2.2E-04	1.6E-01	1.4E-02	4.7E-07	3.9E+00
663	0.56	5.6E-07	2.9E+01	8.6E-03	1.0E-03	2.6E-04	1.6E-01	1.4E-02	5.6E-07	3.8E+00
664	0.62	6.2E-07	3.2E+01	8.6E-03	1.0E-03	2.9E-04	1.6E-01	1.4E-02	6.2E-07	3.7E+00
665	0.66	6.6E-07	3.4E+01	8.6E-03	1.0E-03	3.1E-04	1.6E-01	1.4E-02	6.6E-07	3.6E+00
666	0.67	6.7E-07	3.5E+01	8.6E-03	1.0E-03	3.1E-04	1.6E-01	1.4E-02	6.7E-07	3.4E+00
667	0.66	6.6E-07	3.4E+01	8.6E-03	1.0E-03	3.1E-04	1.6E-01	1.4E-02	6.6E-07	3.3E+00
668	0.62	6.2E-07	3.2E+01	8.6E-03	1.0E-03	2.9E-04	1.6E-01	1.4E-02	6.2E-07	3.1E+00
669	0.55	5.5E-07	2.9E+01	8.6E-03	1.0E-03	2.6E-04	1.6E-01	1.4E-02	5.5E-07	2.9E+00
670	0.46	4.6E-07	2.4E+01	8.6E-03	1.0E-03	2.2E-04	1.6E-01	1.4E-02	4.6E-07	2.8E+00
671	0.38	3.8E-07	2.0E+01	8.6E-03	1.0E-03	1.8E-04	1.6E-01	1.4E-02	3.8E-07	2.6E+00
672	0.32	3.2E-07	1.6E+01	8.6E-03	1.0E-03	1.5E-04	1.6E-01	1.4E-02	3.2E-07	2.5E+00
673	0.27	2.7E-07	1.4E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	1.4E-02	2.7E-07	2.3E+00
674	0.22	2.2E-07	1.2E+01	8.6E-03	1.0E-03	1.0E-04	1.6E-01	1.4E-02	2.2E-07	2.2E+00
675	0.19	1.9E-07	9.9E+00	8.6E-03	1.0E-03	8.9E-05	1.6E-01	1.4E-02	1.9E-07	2.1E+00
676	0.17	1.7E-07	8.6E+00	8.6E-03	1.0E-03	7.7E-05	1.6E-01	1.4E-02	1.7E-07	1.9E+00
677	0.05	5.1E-08	2.7E+00	8.6E-03	1.0E-03	2.4E-05	1.6E-01	1.4E-02	5.1E-08	2.9E+00
678	0.06	5.8E-08	3.0E+00	8.6E-03	1.0E-03	2.7E-05	1.6E-01	1.4E-02	5.8E-08	3.1E+00
679	0.07	6.7E-08	3.5E+00	8.6E-03	1.0E-03	3.1E-05	1.6E-01	1.4E-02	6.7E-08	3.2E+00
680	0.08	7.7E-08	4.0E+00	8.6E-03	1.0E-03	3.6E-05	1.6E-01	1.4E-02	7.7E-08	3.4E+00

681	0.09	9.0E-08	4.7E+00	8.6E-03	1.0E-03	4.2E-05	1.6E-01	1.4E-02	9.0E-08	3.5E+00
682	0.11	1.1E-07	5.5E+00	8.6E-03	1.0E-03	4.9E-05	1.6E-01	1.4E-02	1.1E-07	3.6E+00
683	0.13	1.3E-07	6.5E+00	8.6E-03	1.0E-03	5.9E-05	1.6E-01	1.4E-02	1.3E-07	3.7E+00
684	0.15	1.5E-07	8.0E+00	8.6E-03	1.0E-03	7.2E-05	1.6E-01	1.4E-02	1.5E-07	3.7E+00
685	0.19	1.9E-07	9.8E+00	8.6E-03	1.0E-03	8.8E-05	1.6E-01	1.4E-02	1.9E-07	3.7E+00
686	0.23	2.3E-07	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.3E-07	3.7E+00
687	0.29	2.9E-07	1.5E+01	8.6E-03	1.0E-03	1.3E-04	1.6E-01	1.4E-02	2.9E-07	3.6E+00
688	0.35	3.5E-07	1.8E+01	8.6E-03	1.0E-03	1.6E-04	1.6E-01	1.4E-02	3.5E-07	3.6E+00
689	0.40	4.0E-07	2.1E+01	8.6E-03	1.0E-03	1.9E-04	1.6E-01	1.4E-02	4.0E-07	3.5E+00
690	0.44	4.4E-07	2.3E+01	8.6E-03	1.0E-03	2.0E-04	1.6E-01	1.4E-02	4.4E-07	3.4E+00
691	0.46	4.6E-07	2.4E+01	8.6E-03	1.0E-03	2.2E-04	1.6E-01	1.4E-02	4.6E-07	3.3E+00
692	0.47	4.7E-07	2.5E+01	8.6E-03	1.0E-03	2.2E-04	1.6E-01	1.4E-02	4.7E-07	3.1E+00
693	0.47	4.7E-07	2.4E+01	8.6E-03	1.0E-03	2.2E-04	1.6E-01	1.4E-02	4.7E-07	3.0E+00
694	0.44	4.4E-07	2.3E+01	8.6E-03	1.0E-03	2.1E-04	1.6E-01	1.4E-02	4.4E-07	2.9E+00
695	0.41	4.1E-07	2.1E+01	8.6E-03	1.0E-03	1.9E-04	1.6E-01	1.4E-02	4.1E-07	2.7E+00
696	0.36	3.6E-07	1.9E+01	8.6E-03	1.0E-03	1.7E-04	1.6E-01	1.4E-02	3.6E-07	2.6E+00
697	0.31	3.1E-07	1.6E+01	8.6E-03	1.0E-03	1.4E-04	1.6E-01	1.4E-02	3.1E-07	2.5E+00
698	0.27	2.7E-07	1.4E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	1.4E-02	2.7E-07	2.3E+00
699	0.23	2.3E-07	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.3E-07	2.2E+00
700	0.20	2.0E-07	1.0E+01	8.6E-03	1.0E-03	9.2E-05	1.6E-01	1.4E-02	2.0E-07	2.1E+00
701	0.17	1.7E-07	8.9E+00	8.6E-03	1.0E-03	8.0E-05	1.6E-01	1.4E-02	1.7E-07	2.0E+00
702	0.15	1.5E-07	7.8E+00	8.6E-03	1.0E-03	7.0E-05	1.6E-01	1.4E-02	1.5E-07	1.9E+00
703	0.05	4.9E-08	2.5E+00	8.6E-03	1.0E-03	2.3E-05	1.6E-01	1.4E-02	4.9E-08	2.7E+00
704	0.06	5.5E-08	2.9E+00	8.6E-03	1.0E-03	2.6E-05	1.6E-01	1.4E-02	5.5E-08	2.8E+00
705	0.06	6.2E-08	3.2E+00	8.6E-03	1.0E-03	2.9E-05	1.6E-01	1.4E-02	6.2E-08	2.9E+00
706	0.07	7.1E-08	3.7E+00	8.6E-03	1.0E-03	3.3E-05	1.6E-01	1.4E-02	7.1E-08	3.0E+00
707	0.08	8.3E-08	4.3E+00	8.6E-03	1.0E-03	3.8E-05	1.6E-01	1.4E-02	8.3E-08	3.1E+00
708	0.10	9.7E-08	5.0E+00	8.6E-03	1.0E-03	4.5E-05	1.6E-01	1.4E-02	9.7E-08	3.2E+00
709	0.11	1.1E-07	5.9E+00	8.6E-03	1.0E-03	5.3E-05	1.6E-01	1.4E-02	1.1E-07	3.3E+00
710	0.14	1.4E-07	7.1E+00	8.6E-03	1.0E-03	6.3E-05	1.6E-01	1.4E-02	1.4E-07	3.3E+00
711	0.16	1.6E-07	8.4E+00	8.6E-03	1.0E-03	7.5E-05	1.6E-01	1.4E-02	1.6E-07	3.3E+00
712	0.19	1.9E-07	1.0E+01	8.6E-03	1.0E-03	9.0E-05	1.6E-01	1.4E-02	1.9E-07	3.3E+00
713	0.23	2.3E-07	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.3E-07	3.3E+00
714	0.27	2.7E-07	1.4E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	1.4E-02	2.7E-07	3.3E+00
715	0.30	3.0E-07	1.6E+01	8.6E-03	1.0E-03	1.4E-04	1.6E-01	1.4E-02	3.0E-07	3.2E+00
716	0.33	3.3E-07	1.7E+01	8.6E-03	1.0E-03	1.5E-04	1.6E-01	1.4E-02	3.3E-07	3.1E+00
717	0.34	3.4E-07	1.8E+01	8.6E-03	1.0E-03	1.6E-04	1.6E-01	1.4E-02	3.4E-07	3.0E+00
718	0.35	3.5E-07	1.8E+01	8.6E-03	1.0E-03	1.6E-04	1.6E-01	1.4E-02	3.5E-07	2.9E+00
719	0.35	3.5E-07	1.8E+01	8.6E-03	1.0E-03	1.6E-04	1.6E-01	1.4E-02	3.5E-07	2.8E+00
720	0.34	3.4E-07	1.7E+01	8.6E-03	1.0E-03	1.6E-04	1.6E-01	1.4E-02	3.4E-07	2.7E+00
721	0.31	3.1E-07	1.6E+01	8.6E-03	1.0E-03	1.5E-04	1.6E-01	1.4E-02	3.1E-07	2.6E+00
722	0.28	2.8E-07	1.5E+01	8.6E-03	1.0E-03	1.3E-04	1.6E-01	1.4E-02	2.8E-07	2.4E+00
723	0.25	2.5E-07	1.3E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	1.4E-02	2.5E-07	2.3E+00
724	0.22	2.2E-07	1.2E+01	8.6E-03	1.0E-03	1.0E-04	1.6E-01	1.4E-02	2.2E-07	2.2E+00
725	0.20	2.0E-07	1.0E+01	8.6E-03	1.0E-03	9.2E-05	1.6E-01	1.4E-02	2.0E-07	2.1E+00
726	0.17	1.7E-07	9.0E+00	8.6E-03	1.0E-03	8.1E-05	1.6E-01	1.4E-02	1.7E-07	2.0E+00
727	0.15	1.5E-07	7.9E+00	8.6E-03	1.0E-03	7.1E-05	1.6E-01	1.4E-02	1.5E-07	1.9E+00
728	0.14	1.4E-07	7.0E+00	8.6E-03	1.0E-03	6.3E-05	1.6E-01	1.4E-02	1.4E-07	1.8E+00
729	0.05	4.6E-08	2.4E+00	8.6E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.6E-08	2.4E+00

730	0.05	5.2E-08	2.7E+00	8.6E-03	1.0E-03	2.4E-05	1.6E-01	1.4E-02	5.2E-08	2.5E+00
731	0.06	5.9E-08	3.0E+00	8.6E-03	1.0E-03	2.7E-05	1.6E-01	1.4E-02	5.9E-08	2.6E+00
732	0.07	6.7E-08	3.5E+00	8.6E-03	1.0E-03	3.1E-05	1.6E-01	1.4E-02	6.7E-08	2.7E+00
733	0.08	7.6E-08	3.9E+00	8.6E-03	1.0E-03	3.5E-05	1.6E-01	1.4E-02	7.6E-08	2.8E+00
734	0.09	8.8E-08	4.6E+00	8.6E-03	1.0E-03	4.1E-05	1.6E-01	1.4E-02	8.8E-08	2.9E+00
735	0.10	1.0E-07	5.3E+00	8.6E-03	1.0E-03	4.7E-05	1.6E-01	1.4E-02	1.0E-07	3.0E+00
736	0.12	1.2E-07	6.2E+00	8.6E-03	1.0E-03	5.6E-05	1.6E-01	1.4E-02	1.2E-07	3.0E+00
737	0.14	1.4E-07	7.2E+00	8.6E-03	1.0E-03	6.5E-05	1.6E-01	1.4E-02	1.4E-07	3.0E+00
738	0.16	1.6E-07	8.4E+00	8.6E-03	1.0E-03	7.5E-05	1.6E-01	1.4E-02	1.6E-07	3.0E+00
739	0.19	1.9E-07	9.6E+00	8.6E-03	1.0E-03	8.7E-05	1.6E-01	1.4E-02	1.9E-07	3.0E+00
740	0.21	2.1E-07	1.1E+01	8.6E-03	1.0E-03	9.8E-05	1.6E-01	1.4E-02	2.1E-07	3.0E+00
741	0.24	2.4E-07	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.4E-07	2.9E+00
742	0.25	2.5E-07	1.3E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	1.4E-02	2.5E-07	2.9E+00
743	0.27	2.7E-07	1.4E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	1.4E-02	2.7E-07	2.8E+00
744	0.27	2.7E-07	1.4E+01	8.6E-03	1.0E-03	1.3E-04	1.6E-01	1.4E-02	2.7E-07	2.7E+00
745	0.27	2.7E-07	1.4E+01	8.6E-03	1.0E-03	1.3E-04	1.6E-01	1.4E-02	2.7E-07	2.6E+00
746	0.27	2.7E-07	1.4E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	1.4E-02	2.7E-07	2.5E+00
747	0.25	2.5E-07	1.3E+01	8.6E-03	1.0E-03	1.2E-04	1.6E-01	1.4E-02	2.5E-07	2.4E+00
748	0.23	2.3E-07	1.2E+01	8.6E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.3E-07	2.3E+00
749	0.21	2.1E-07	1.1E+01	8.6E-03	1.0E-03	9.8E-05	1.6E-01	1.4E-02	2.1E-07	2.2E+00
750	0.19	1.9E-07	9.9E+00	8.6E-03	1.0E-03	8.9E-05	1.6E-01	1.4E-02	1.9E-07	2.1E+00
751	0.17	1.7E-07	8.9E+00	8.6E-03	1.0E-03	8.0E-05	1.6E-01	1.4E-02	1.7E-07	2.0E+00
752	0.15	1.5E-07	7.9E+00	8.6E-03	1.0E-03	7.1E-05	1.6E-01	1.4E-02	1.5E-07	1.9E+00
753	0.14	1.4E-07	7.1E+00	8.6E-03	1.0E-03	6.4E-05	1.6E-01	1.4E-02	1.4E-07	1.8E+00
754	0.12	1.2E-07	6.4E+00	8.6E-03	1.0E-03	5.7E-05	1.6E-01	1.4E-02	1.2E-07	1.7E+00
755	0.04	4.4E-08	2.3E+00	8.6E-03	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.4E-08	2.2E+00
756	0.05	4.9E-08	2.5E+00	8.6E-03	1.0E-03	2.3E-05	1.6E-01	1.4E-02	4.9E-08	2.3E+00
757	0.05	5.5E-08	2.8E+00	8.6E-03	1.0E-03	2.5E-05	1.6E-01	1.4E-02	5.5E-08	2.4E+00
758	0.06	6.1E-08	3.2E+00	8.6E-03	1.0E-03	2.9E-05	1.6E-01	1.4E-02	6.1E-08	2.5E+00
759	0.07	7.0E-08	3.6E+00	8.6E-03	1.0E-03	3.3E-05	1.6E-01	1.4E-02	7.0E-08	2.6E+00
760	0.08	8.0E-08	4.1E+00	8.6E-03	1.0E-03	3.7E-05	1.6E-01	1.4E-02	8.0E-08	2.6E+00
761	0.09	9.2E-08	4.7E+00	8.6E-03	1.0E-03	4.3E-05	1.6E-01	1.4E-02	9.2E-08	2.7E+00
762	0.11	1.1E-07	5.5E+00	8.6E-03	1.0E-03	4.9E-05	1.6E-01	1.4E-02	1.1E-07	2.7E+00
763	0.12	1.2E-07	6.2E+00	8.6E-03	1.0E-03	5.6E-05	1.6E-01	1.4E-02	1.2E-07	2.8E+00
764	0.14	1.4E-07	7.1E+00	8.6E-03	1.0E-03	6.4E-05	1.6E-01	1.4E-02	1.4E-07	2.8E+00
765	0.15	1.5E-07	8.0E+00	8.6E-03	1.0E-03	7.2E-05	1.6E-01	1.4E-02	1.5E-07	2.7E+00
766	0.17	1.7E-07	8.9E+00	8.6E-03	1.0E-03	8.0E-05	1.6E-01	1.4E-02	1.7E-07	2.7E+00
767	0.19	1.9E-07	9.8E+00	8.6E-03	1.0E-03	8.8E-05	1.6E-01	1.4E-02	1.9E-07	2.7E+00
768	0.20	2.0E-07	1.0E+01	8.6E-03	1.0E-03	9.4E-05	1.6E-01	1.4E-02	2.0E-07	2.6E+00
769	0.21	2.1E-07	1.1E+01	8.6E-03	1.0E-03	9.9E-05	1.6E-01	1.4E-02	2.1E-07	2.6E+00
770	0.22	2.2E-07	1.1E+01	8.6E-03	1.0E-03	1.0E-04	1.6E-01	1.4E-02	2.2E-07	2.5E+00
771	0.22	2.2E-07	1.1E+01	8.6E-03	1.0E-03	1.0E-04	1.6E-01	1.4E-02	2.2E-07	2.4E+00
772	0.22	2.2E-07	1.1E+01	8.6E-03	1.0E-03	1.0E-04	1.6E-01	1.4E-02	2.2E-07	2.3E+00
773	0.21	2.1E-07	1.1E+01	8.6E-03	1.0E-03	9.7E-05	1.6E-01	1.4E-02	2.1E-07	2.2E+00
774	0.19	1.9E-07	1.0E+01	8.6E-03	1.0E-03	9.0E-05	1.6E-01	1.4E-02	1.9E-07	2.2E+00
775	0.18	1.8E-07	9.3E+00	8.6E-03	1.0E-03	8.3E-05	1.6E-01	1.4E-02	1.8E-07	2.1E+00
776	0.16	1.6E-07	8.5E+00	8.6E-03	1.0E-03	7.7E-05	1.6E-01	1.4E-02	1.6E-07	2.0E+00
777	0.15	1.5E-07	7.8E+00	8.6E-03	1.0E-03	7.0E-05	1.6E-01	1.4E-02	1.5E-07	1.9E+00
778	0.14	1.4E-07	7.1E+00	8.6E-03	1.0E-03	6.3E-05	1.6E-01	1.4E-02	1.4E-07	1.8E+00

779	0.12	1.2E-07	6.4E+00	8.6E-03	1.0E-03	5.7E-05	1.6E-01	1.4E-02	1.2E-07	1.7E+00
780	0.11	1.1E-07	5.8E+00	8.6E-03	1.0E-03	5.2E-05	1.6E-01	1.4E-02	1.1E-07	1.6E+00
781	0.04	4.1E-08	2.1E+00	8.6E-03	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.1E-08	2.0E+00
782	0.05	4.6E-08	2.4E+00	8.6E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.6E-08	2.1E+00
783	0.05	5.1E-08	2.6E+00	8.6E-03	1.0E-03	2.4E-05	1.6E-01	1.4E-02	5.1E-08	2.2E+00
784	0.06	5.7E-08	3.0E+00	8.6E-03	1.0E-03	2.7E-05	1.6E-01	1.4E-02	5.7E-08	2.3E+00
785	0.06	6.4E-08	3.3E+00	8.6E-03	1.0E-03	3.0E-05	1.6E-01	1.4E-02	6.4E-08	2.4E+00
786	0.07	7.3E-08	3.8E+00	8.6E-03	1.0E-03	3.4E-05	1.6E-01	1.4E-02	7.3E-08	2.4E+00
787	0.08	8.2E-08	4.3E+00	8.6E-03	1.0E-03	3.8E-05	1.6E-01	1.4E-02	8.2E-08	2.5E+00
788	0.09	9.3E-08	4.8E+00	8.6E-03	1.0E-03	4.3E-05	1.6E-01	1.4E-02	9.3E-08	2.5E+00
789	0.10	1.0E-07	5.4E+00	8.6E-03	1.0E-03	4.9E-05	1.6E-01	1.4E-02	1.0E-07	2.5E+00
790	0.12	1.2E-07	6.1E+00	8.6E-03	1.0E-03	5.5E-05	1.6E-01	1.4E-02	1.2E-07	2.5E+00
791	0.13	1.3E-07	6.8E+00	8.6E-03	1.0E-03	6.1E-05	1.6E-01	1.4E-02	1.3E-07	2.5E+00
792	0.14	1.4E-07	7.5E+00	8.6E-03	1.0E-03	6.7E-05	1.6E-01	1.4E-02	1.4E-07	2.5E+00
793	0.16	1.6E-07	8.1E+00	8.6E-03	1.0E-03	7.3E-05	1.6E-01	1.4E-02	1.6E-07	2.5E+00
794	0.17	1.7E-07	8.6E+00	8.6E-03	1.0E-03	7.7E-05	1.6E-01	1.4E-02	1.7E-07	2.4E+00
795	0.17	1.7E-07	9.0E+00	8.6E-03	1.0E-03	8.1E-05	1.6E-01	1.4E-02	1.7E-07	2.4E+00
796	0.18	1.8E-07	9.3E+00	8.6E-03	1.0E-03	8.3E-05	1.6E-01	1.4E-02	1.8E-07	2.3E+00
797	0.18	1.8E-07	9.4E+00	8.6E-03	1.0E-03	8.5E-05	1.6E-01	1.4E-02	1.8E-07	2.3E+00
798	0.18	1.8E-07	9.3E+00	8.6E-03	1.0E-03	8.4E-05	1.6E-01	1.4E-02	1.8E-07	2.2E+00
799	0.17	1.7E-07	9.0E+00	8.6E-03	1.0E-03	8.1E-05	1.6E-01	1.4E-02	1.7E-07	2.1E+00
800	0.16	1.6E-07	8.5E+00	8.6E-03	1.0E-03	7.6E-05	1.6E-01	1.4E-02	1.6E-07	2.0E+00
801	0.15	1.5E-07	8.0E+00	8.6E-03	1.0E-03	7.1E-05	1.6E-01	1.4E-02	1.5E-07	1.9E+00
802	0.14	1.4E-07	7.4E+00	8.6E-03	1.0E-03	6.7E-05	1.6E-01	1.4E-02	1.4E-07	1.9E+00
803	0.13	1.3E-07	6.9E+00	8.6E-03	1.0E-03	6.2E-05	1.6E-01	1.4E-02	1.3E-07	1.8E+00
804	0.12	1.2E-07	6.3E+00	8.6E-03	1.0E-03	5.7E-05	1.6E-01	1.4E-02	1.2E-07	1.7E+00
805	0.11	1.1E-07	5.8E+00	8.6E-03	1.0E-03	5.2E-05	1.6E-01	1.4E-02	1.1E-07	1.6E+00
806	0.10	1.0E-07	5.3E+00	8.6E-03	1.0E-03	4.7E-05	1.6E-01	1.4E-02	1.0E-07	1.6E+00

Franklin School Project

Risk From New Building Demo (Port. 1,3,4) - Unmitigated Residential

Haul Route 1A							Haul Route 2A							
g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec
1.9E-07	1.0E-03	6.4E-11	1.6E-01	1.4E-02	1.4E-13	3.4E-01	6.0E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.6E-13	3.4E-01	1.2E-06
1.9E-07	1.0E-03	7.2E-11	1.6E-01	1.4E-02	1.6E-13	3.9E-01	6.0E-07	1.0E-03	2.4E-10	1.6E-01	1.4E-02	5.3E-13	3.9E-01	1.2E-06
1.9E-07	1.0E-03	8.2E-11	1.6E-01	1.4E-02	1.8E-13	4.5E-01	6.0E-07	1.0E-03	2.8E-10	1.6E-01	1.4E-02	6.1E-13	4.5E-01	1.2E-06
1.9E-07	1.0E-03	9.2E-11	1.6E-01	1.4E-02	2.0E-13	5.2E-01	6.0E-07	1.0E-03	3.2E-10	1.6E-01	1.4E-02	7.0E-13	5.2E-01	1.2E-06
1.9E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13	5.8E-01	6.0E-07	1.0E-03	3.7E-10	1.6E-01	1.4E-02	7.9E-13	5.8E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13	6.5E-01	6.0E-07	1.0E-03	4.1E-10	1.6E-01	1.4E-02	8.7E-13	6.5E-01	1.2E-06
1.9E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.5E-13	7.1E-01	6.0E-07	1.0E-03	4.4E-10	1.6E-01	1.4E-02	9.5E-13	7.1E-01	1.2E-06
1.9E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.7E-13	7.7E-01	6.0E-07	1.0E-03	4.8E-10	1.6E-01	1.4E-02	1.0E-12	7.7E-01	1.2E-06
1.9E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.0E-13	8.4E-01	6.0E-07	1.0E-03	5.3E-10	1.6E-01	1.4E-02	1.1E-12	8.4E-01	1.2E-06
1.9E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.2E-13	9.2E-01	6.0E-07	1.0E-03	5.8E-10	1.6E-01	1.4E-02	1.2E-12	9.2E-01	1.2E-06
1.9E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.4E-13	9.9E-01	6.0E-07	1.0E-03	6.2E-10	1.6E-01	1.4E-02	1.3E-12	9.9E-01	1.2E-06
1.9E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.6E-13	1.0E+00	6.0E-07	1.0E-03	6.5E-10	1.6E-01	1.4E-02	1.4E-12	1.0E+00	1.2E-06
1.9E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.6E-13	1.0E+00	6.0E-07	1.0E-03	6.5E-10	1.6E-01	1.4E-02	1.4E-12	1.0E+00	1.2E-06
1.9E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.6E-13	1.0E+00	6.0E-07	1.0E-03	6.3E-10	1.6E-01	1.4E-02	1.4E-12	1.0E+00	1.2E-06
1.9E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.4E-13	9.5E-01	6.0E-07	1.0E-03	6.0E-10	1.6E-01	1.4E-02	1.3E-12	9.5E-01	1.2E-06
1.9E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.2E-13	8.8E-01	6.0E-07	1.0E-03	5.5E-10	1.6E-01	1.4E-02	1.2E-12	8.8E-01	1.2E-06
1.9E-07	1.0E-03	7.5E-11	1.6E-01	1.4E-02	1.6E-13	3.9E-01	6.0E-07	1.0E-03	2.5E-10	1.6E-01	1.4E-02	5.3E-13	3.9E-01	1.2E-06
1.9E-07	1.0E-03	8.7E-11	1.6E-01	1.4E-02	1.9E-13	4.7E-01	6.0E-07	1.0E-03	2.9E-10	1.6E-01	1.4E-02	6.3E-13	4.7E-01	1.2E-06
1.9E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13	5.5E-01	6.0E-07	1.0E-03	3.5E-10	1.6E-01	1.4E-02	7.5E-13	5.5E-01	1.2E-06
1.9E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.5E-13	6.5E-01	6.0E-07	1.0E-03	4.1E-10	1.6E-01	1.4E-02	8.8E-13	6.5E-01	1.2E-06
1.9E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.8E-13	7.6E-01	6.0E-07	1.0E-03	4.8E-10	1.6E-01	1.4E-02	1.0E-12	7.6E-01	1.2E-06
1.9E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.1E-13	8.7E-01	6.0E-07	1.0E-03	5.5E-10	1.6E-01	1.4E-02	1.2E-12	8.7E-01	1.2E-06
1.9E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.4E-13	9.7E-01	6.0E-07	1.0E-03	6.1E-10	1.6E-01	1.4E-02	1.3E-12	9.7E-01	1.2E-06
1.9E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.7E-13	1.1E+00	6.0E-07	1.0E-03	6.8E-10	1.6E-01	1.4E-02	1.5E-12	1.1E+00	1.2E-06
1.9E-07	1.0E-03	1.9E-10	1.6E-01	1.4E-02	4.1E-13	1.2E+00	6.0E-07	1.0E-03	7.6E-10	1.6E-01	1.4E-02	1.6E-12	1.2E+00	1.2E-06
1.9E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.5E-13	1.3E+00	6.0E-07	1.0E-03	8.4E-10	1.6E-01	1.4E-02	1.8E-12	1.3E+00	1.2E-06
1.9E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.8E-13	1.4E+00	6.0E-07	1.0E-03	8.9E-10	1.6E-01	1.4E-02	1.9E-12	1.4E+00	1.2E-06
1.9E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.8E-13	1.4E+00	6.0E-07	1.0E-03	9.0E-10	1.6E-01	1.4E-02	1.9E-12	1.4E+00	1.2E-06
1.9E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.7E-13	1.4E+00	6.0E-07	1.0E-03	8.7E-10	1.6E-01	1.4E-02	1.9E-12	1.4E+00	1.2E-06
1.9E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.5E-13	1.3E+00	6.0E-07	1.0E-03	8.0E-10	1.6E-01	1.4E-02	1.7E-12	1.3E+00	1.2E-06
1.9E-07	1.0E-03	1.9E-10	1.6E-01	1.4E-02	4.1E-13	1.2E+00	6.0E-07	1.0E-03	7.2E-10	1.6E-01	1.4E-02	1.6E-12	1.2E+00	1.2E-06
1.9E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.7E-13	1.0E+00	6.0E-07	1.0E-03	6.4E-10	1.6E-01	1.4E-02	1.4E-12	1.0E+00	1.2E-06
1.9E-07	1.0E-03	8.8E-11	1.6E-01	1.4E-02	1.9E-13	4.5E-01	6.0E-07	1.0E-03	2.9E-10	1.6E-01	1.4E-02	6.1E-13	4.5E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13	5.6E-01	6.0E-07	1.0E-03	3.5E-10	1.6E-01	1.4E-02	7.5E-13	5.6E-01	1.2E-06
1.9E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.7E-13	6.9E-01	6.0E-07	1.0E-03	4.3E-10	1.6E-01	1.4E-02	9.3E-13	6.9E-01	1.2E-06
1.9E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.2E-13	8.5E-01	6.0E-07	1.0E-03	5.3E-10	1.6E-01	1.4E-02	1.1E-12	8.5E-01	1.2E-06
1.9E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.8E-13	1.0E+00	6.0E-07	1.0E-03	6.5E-10	1.6E-01	1.4E-02	1.4E-12	1.0E+00	1.2E-06
1.9E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.3E-13	1.2E+00	6.0E-07	1.0E-03	7.8E-10	1.6E-01	1.4E-02	1.7E-12	1.2E+00	1.2E-06
1.9E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	4.8E-13	1.4E+00	6.0E-07	1.0E-03	9.0E-10	1.6E-01	1.4E-02	1.9E-12	1.4E+00	1.2E-06
1.9E-07	1.0E-03	2.5E-10	1.6E-01	1.4E-02	5.4E-13	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	1.6E+00	1.2E-06
1.9E-07	1.0E-03	2.8E-10	1.6E-01	1.4E-02	6.1E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	3.1E-10	1.6E-01	1.4E-02	6.6E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	3.1E-10	1.6E-01	1.4E-02	6.8E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	2.1E+00	1.2E-06

1.9E-07	1.0E-03	3.1E-10	1.6E-01	1.4E-02	6.6E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.7E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	2.8E-10	1.6E-01	1.4E-02	6.1E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	2.5E-10	1.6E-01	1.4E-02	5.5E-13	1.6E+00	6.0E-07	1.0E-03	9.9E-10	1.6E-01	1.4E-02	2.1E-12	1.6E+00	1.2E-06
1.9E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.8E-13	1.3E+00	6.0E-07	1.0E-03	8.4E-10	1.6E-01	1.4E-02	1.8E-12	1.3E+00	1.2E-06
1.9E-07	1.0E-03	1.9E-10	1.6E-01	1.4E-02	4.2E-13	1.1E+00	6.0E-07	1.0E-03	7.1E-10	1.6E-01	1.4E-02	1.5E-12	1.1E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13	5.2E-01	6.0E-07	1.0E-03	3.3E-10	1.6E-01	1.4E-02	7.1E-13	5.2E-01	1.2E-06
1.9E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.7E-13	6.6E-01	6.0E-07	1.0E-03	4.2E-10	1.6E-01	1.4E-02	8.9E-13	6.6E-01	1.2E-06
1.9E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.5E-13	8.6E-01	6.0E-07	1.0E-03	5.4E-10	1.6E-01	1.4E-02	1.2E-12	8.6E-01	1.2E-06
1.9E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.3E-13	1.1E+00	6.0E-07	1.0E-03	7.1E-10	1.6E-01	1.4E-02	1.5E-12	1.1E+00	1.2E-06
1.9E-07	1.0E-03	2.5E-10	1.6E-01	1.4E-02	5.4E-13	1.5E+00	6.0E-07	1.0E-03	9.3E-10	1.6E-01	1.4E-02	2.0E-12	1.5E+00	1.2E-06
1.9E-07	1.0E-03	3.0E-10	1.6E-01	1.4E-02	6.4E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	3.5E-10	1.6E-01	1.4E-02	7.5E-13	2.3E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	4.0E-10	1.6E-01	1.4E-02	8.6E-13	2.8E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.8E-12	2.8E+00	1.2E-06
1.9E-07	1.0E-03	4.5E-10	1.6E-01	1.4E-02	9.7E-13	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.3E-12	3.2E+00	1.2E-06
1.9E-07	1.0E-03	4.7E-10	1.6E-01	1.4E-02	1.0E-12	3.4E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.5E-12	3.4E+00	1.2E-06
1.9E-07	1.0E-03	4.5E-10	1.6E-01	1.4E-02	9.7E-13	3.1E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.2E-12	3.1E+00	1.2E-06
1.9E-07	1.0E-03	4.1E-10	1.6E-01	1.4E-02	8.8E-13	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.7E-12	2.7E+00	1.2E-06
1.9E-07	1.0E-03	3.5E-10	1.6E-01	1.4E-02	7.6E-13	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	3.0E-10	1.6E-01	1.4E-02	6.5E-13	1.8E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	2.5E-10	1.6E-01	1.4E-02	5.4E-13	1.5E+00	6.0E-07	1.0E-03	9.4E-10	1.6E-01	1.4E-02	2.0E-12	1.5E+00	1.2E-06
1.9E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.6E-13	1.2E+00	6.0E-07	1.0E-03	7.6E-10	1.6E-01	1.4E-02	1.6E-12	1.2E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.6E-13	5.9E-01	6.0E-07	1.0E-03	3.7E-10	1.6E-01	1.4E-02	8.0E-13	5.9E-01	1.2E-06
1.9E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.3E-13	7.8E-01	6.0E-07	1.0E-03	4.9E-10	1.6E-01	1.4E-02	1.0E-12	7.8E-01	1.2E-06
1.9E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.4E-13	1.1E+00	6.0E-07	1.0E-03	6.7E-10	1.6E-01	1.4E-02	1.4E-12	1.1E+00	1.2E-06
1.9E-07	1.0E-03	2.8E-10	1.6E-01	1.4E-02	6.0E-13	1.5E+00	6.0E-07	1.0E-03	9.6E-10	1.6E-01	1.4E-02	2.1E-12	1.5E+00	1.2E-06
1.9E-07	1.0E-03	3.8E-10	1.6E-01	1.4E-02	8.1E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	4.9E-10	1.6E-01	1.4E-02	1.1E-12	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.4E-12	3.3E+00	1.2E-06
1.9E-07	1.0E-03	6.1E-10	1.6E-01	1.4E-02	1.3E-12	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	1.4E-02	6.0E-12	4.5E+00	1.2E-06
1.9E-07	1.0E-03	7.3E-10	1.6E-01	1.4E-02	1.6E-12	5.6E+00	6.0E-07	1.0E-03	3.5E-09	1.6E-01	1.4E-02	7.6E-12	5.6E+00	1.2E-06
1.9E-07	1.0E-03	7.8E-10	1.6E-01	1.4E-02	1.7E-12	6.2E+00	6.0E-07	1.0E-03	3.9E-09	1.6E-01	1.4E-02	8.4E-12	6.2E+00	1.2E-06
1.9E-07	1.0E-03	7.4E-10	1.6E-01	1.4E-02	1.6E-12	5.6E+00	6.0E-07	1.0E-03	3.5E-09	1.6E-01	1.4E-02	7.6E-12	5.6E+00	1.2E-06
1.9E-07	1.0E-03	6.4E-10	1.6E-01	1.4E-02	1.4E-12	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	1.4E-02	6.1E-12	4.5E+00	1.2E-06
1.9E-07	1.0E-03	5.2E-10	1.6E-01	1.4E-02	1.1E-12	3.4E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.7E-12	3.4E+00	1.2E-06
1.9E-07	1.0E-03	4.2E-10	1.6E-01	1.4E-02	9.0E-13	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.5E-12	2.6E+00	1.2E-06
1.9E-07	1.0E-03	3.4E-10	1.6E-01	1.4E-02	7.2E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.7E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	2.7E-10	1.6E-01	1.4E-02	5.8E-13	1.5E+00	6.0E-07	1.0E-03	9.7E-10	1.6E-01	1.4E-02	2.1E-12	1.5E+00	1.2E-06
1.9E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.7E-13	1.2E+00	6.0E-07	1.0E-03	7.7E-10	1.6E-01	1.4E-02	1.6E-12	1.2E+00	1.2E-06
1.9E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	2.9E-13	6.5E-01	6.0E-07	1.0E-03	4.1E-10	1.6E-01	1.4E-02	8.7E-13	6.5E-01	1.2E-06
1.9E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	4.0E-13	8.8E-01	6.0E-07	1.0E-03	5.5E-10	1.6E-01	1.4E-02	1.2E-12	8.8E-01	1.2E-06
1.9E-07	1.0E-03	2.6E-10	1.6E-01	1.4E-02	5.6E-13	1.3E+00	6.0E-07	1.0E-03	8.1E-10	1.6E-01	1.4E-02	1.7E-12	1.3E+00	1.2E-06
1.9E-07	1.0E-03	3.9E-10	1.6E-01	1.4E-02	8.5E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.7E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	6.1E-10	1.6E-01	1.4E-02	1.3E-12	3.5E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.7E-12	3.5E+00	1.2E-06
1.9E-07	1.0E-03	9.5E-10	1.6E-01	1.4E-02	2.0E-12	6.5E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	1.4E-02	8.7E-12	6.5E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	1.1E+01	6.0E-07	1.0E-03	7.1E-09	1.6E-01	1.4E-02	1.5E-11	1.1E+01	1.2E-06
1.9E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.4E-12	1.5E+01	6.0E-07	1.0E-03	9.4E-09	1.6E-01	1.4E-02	2.0E-11	1.5E+01	1.2E-06
1.9E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.1E-12	1.3E+01	6.0E-07	1.0E-03	8.1E-09	1.6E-01	1.4E-02	1.7E-11	1.3E+01	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	8.7E+00	6.0E-07	1.0E-03	5.5E-09	1.6E-01	1.4E-02	1.2E-11	8.7E+00	1.2E-06
1.9E-07	1.0E-03	8.3E-10	1.6E-01	1.4E-02	1.8E-12	5.7E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	1.4E-02	7.7E-12	5.7E+00	1.2E-06
1.9E-07	1.0E-03	6.1E-10	1.6E-01	1.4E-02	1.3E-12	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.2E-12	3.9E+00	1.2E-06

1.9E-07	1.0E-03	4.6E-10	1.6E-01	1.4E-02	9.9E-13	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.7E-12	2.7E+00	1.2E-06
1.9E-07	1.0E-03	3.5E-10	1.6E-01	1.4E-02	7.5E-13	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.7E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	2.7E-10	1.6E-01	1.4E-02	5.8E-13	1.5E+00	6.0E-07	1.0E-03	9.4E-10	1.6E-01	1.4E-02	2.0E-12	1.5E+00	1.2E-06
1.9E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.6E-13	1.2E+00	6.0E-07	1.0E-03	7.2E-10	1.6E-01	1.4E-02	1.6E-12	1.2E+00	1.2E-06
1.9E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.2E-13	6.8E-01	6.0E-07	1.0E-03	4.3E-10	1.6E-01	1.4E-02	9.2E-13	6.8E-01	1.2E-06
1.9E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.5E-13	9.5E-01	6.0E-07	1.0E-03	5.9E-10	1.6E-01	1.4E-02	1.3E-12	9.5E-01	1.2E-06
1.9E-07	1.0E-03	3.2E-10	1.6E-01	1.4E-02	6.9E-13	1.4E+00	6.0E-07	1.0E-03	9.1E-10	1.6E-01	1.4E-02	2.0E-12	1.4E+00	1.2E-06
1.9E-07	1.0E-03	5.4E-10	1.6E-01	1.4E-02	1.2E-12	2.5E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	5.0E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	1.4E-02	6.8E-12	5.0E+00	1.2E-06
1.9E-07	1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	1.4E+01	6.0E-07	1.0E-03	8.9E-09	1.6E-01	1.4E-02	1.9E-11	1.4E+01	1.2E-06
1.9E-07	1.0E-03	4.7E-09	1.6E-01	1.4E-02	1.0E-11	5.4E+01	6.0E-07	1.0E-03	3.4E-08	1.6E-01	1.4E-02	7.3E-11	5.4E+01	1.2E-06
1.9E-07	1.0E-03	4.0E-09	1.6E-01	1.4E-02	8.6E-12	6.1E+01	6.0E-07	1.0E-03	3.8E-08	1.6E-01	1.4E-02	8.2E-11	6.1E+01	1.2E-06
1.9E-07	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.2E-12	2.4E+01	6.0E-07	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.2E-11	2.4E+01	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	1.1E+01	6.0E-07	1.0E-03	6.9E-09	1.6E-01	1.4E-02	1.5E-11	1.1E+01	1.2E-06
1.9E-07	1.0E-03	9.4E-10	1.6E-01	1.4E-02	2.0E-12	6.0E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	1.4E-02	8.1E-12	6.0E+00	1.2E-06
1.9E-07	1.0E-03	6.4E-10	1.6E-01	1.4E-02	1.4E-12	3.8E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.1E-12	3.8E+00	1.2E-06
1.9E-07	1.0E-03	4.5E-10	1.6E-01	1.4E-02	9.8E-13	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.4E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	3.3E-10	1.6E-01	1.4E-02	7.2E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	2.6E-10	1.6E-01	1.4E-02	5.5E-13	1.3E+00	6.0E-07	1.0E-03	8.4E-10	1.6E-01	1.4E-02	1.8E-12	1.3E+00	1.2E-06
1.9E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.3E-13	1.0E+00	6.0E-07	1.0E-03	6.5E-10	1.6E-01	1.4E-02	1.4E-12	1.0E+00	1.2E-06
1.9E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.4E-13	6.9E-01	6.0E-07	1.0E-03	4.3E-10	1.6E-01	1.4E-02	9.3E-13	6.9E-01	1.2E-06
1.9E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	4.9E-13	9.7E-01	6.0E-07	1.0E-03	6.1E-10	1.6E-01	1.4E-02	1.3E-12	9.7E-01	1.2E-06
1.9E-07	1.0E-03	3.6E-10	1.6E-01	1.4E-02	7.7E-13	1.5E+00	6.0E-07	1.0E-03	9.3E-10	1.6E-01	1.4E-02	2.0E-12	1.5E+00	1.2E-06
1.9E-07	1.0E-03	6.5E-10	1.6E-01	1.4E-02	1.4E-12	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.5E-12	2.6E+00	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	5.5E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.4E-12	5.5E+00	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12	9.6E+00	6.0E-07	1.0E-03	6.0E-09	1.6E-01	1.4E-02	1.3E-11	9.6E+00	1.2E-06
1.9E-07	1.0E-03	9.0E-10	1.6E-01	1.4E-02	1.9E-12	5.1E+00	6.0E-07	1.0E-03	3.2E-09	1.6E-01	1.4E-02	6.9E-12	5.1E+00	1.2E-06
1.9E-07	1.0E-03	5.9E-10	1.6E-01	1.4E-02	1.3E-12	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.3E-12	3.2E+00	1.2E-06
1.9E-07	1.0E-03	4.1E-10	1.6E-01	1.4E-02	8.8E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	3.0E-10	1.6E-01	1.4E-02	6.4E-13	1.5E+00	6.0E-07	1.0E-03	9.7E-10	1.6E-01	1.4E-02	2.1E-12	1.5E+00	1.2E-06
1.9E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	4.9E-13	1.2E+00	6.0E-07	1.0E-03	7.3E-10	1.6E-01	1.4E-02	1.6E-12	1.2E+00	1.2E-06
1.9E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.8E-13	9.0E-01	6.0E-07	1.0E-03	5.7E-10	1.6E-01	1.4E-02	1.2E-12	9.0E-01	1.2E-06
1.9E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.4E-13	6.6E-01	6.0E-07	1.0E-03	4.1E-10	1.6E-01	1.4E-02	8.9E-13	6.6E-01	1.2E-06
1.9E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	4.8E-13	9.1E-01	6.0E-07	1.0E-03	5.7E-10	1.6E-01	1.4E-02	1.2E-12	9.1E-01	1.2E-06
1.9E-07	1.0E-03	3.6E-10	1.6E-01	1.4E-02	7.7E-13	1.4E+00	6.0E-07	1.0E-03	8.5E-10	1.6E-01	1.4E-02	1.8E-12	1.4E+00	1.2E-06
1.9E-07	1.0E-03	6.5E-10	1.6E-01	1.4E-02	1.4E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	4.1E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.5E-12	4.1E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.7E-12	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	1.4E-02	8.7E-12	6.4E+00	1.2E-06
1.9E-07	1.0E-03	7.4E-10	1.6E-01	1.4E-02	1.6E-12	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.2E-12	3.9E+00	1.2E-06
1.9E-07	1.0E-03	4.8E-10	1.6E-01	1.4E-02	1.0E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.4E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	3.5E-10	1.6E-01	1.4E-02	7.5E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	2.6E-10	1.6E-01	1.4E-02	5.5E-13	1.3E+00	6.0E-07	1.0E-03	8.2E-10	1.6E-01	1.4E-02	1.8E-12	1.3E+00	1.2E-06
1.9E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.2E-13	9.9E-01	6.0E-07	1.0E-03	6.2E-10	1.6E-01	1.4E-02	1.3E-12	9.9E-01	1.2E-06
1.9E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.4E-13	7.8E-01	6.0E-07	1.0E-03	4.9E-10	1.6E-01	1.4E-02	1.1E-12	7.8E-01	1.2E-06
1.9E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.2E-13	6.1E-01	6.0E-07	1.0E-03	3.8E-10	1.6E-01	1.4E-02	8.2E-13	6.1E-01	1.2E-06
1.9E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.5E-13	8.2E-01	6.0E-07	1.0E-03	5.1E-10	1.6E-01	1.4E-02	1.1E-12	8.2E-01	1.2E-06
1.9E-07	1.0E-03	3.1E-10	1.6E-01	1.4E-02	6.8E-13	1.1E+00	6.0E-07	1.0E-03	7.2E-10	1.6E-01	1.4E-02	1.5E-12	1.1E+00	1.2E-06
1.9E-07	1.0E-03	5.3E-10	1.6E-01	1.4E-02	1.1E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12	1.7E+00	1.2E-06
1.9E-07	1.0E-03	9.8E-10	1.6E-01	1.4E-02	2.1E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12	2.7E+00	1.2E-06

1.9E-07	1.0E-03	8.9E-10	1.6E-01	1.4E-02	1.9E-12	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.6E-12	4.2E+00	1.2E-06
1.9E-07	1.0E-03	5.7E-10	1.6E-01	1.4E-02	1.2E-12	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.8E-12	2.8E+00	1.2E-06
1.9E-07	1.0E-03	3.9E-10	1.6E-01	1.4E-02	8.4E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.7E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	2.9E-10	1.6E-01	1.4E-02	6.3E-13	1.5E+00	6.0E-07	1.0E-03	9.3E-10	1.6E-01	1.4E-02	2.0E-12	1.5E+00	1.2E-06
1.9E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.7E-13	1.1E+00	6.0E-07	1.0E-03	7.0E-10	1.6E-01	1.4E-02	1.5E-12	1.1E+00	1.2E-06
1.9E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.7E-13	8.7E-01	6.0E-07	1.0E-03	5.4E-10	1.6E-01	1.4E-02	1.2E-12	8.7E-01	1.2E-06
1.9E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	2.9E-13	6.9E-01	6.0E-07	1.0E-03	4.3E-10	1.6E-01	1.4E-02	9.4E-13	6.9E-01	1.2E-06
1.9E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.9E-13	5.4E-01	6.0E-07	1.0E-03	3.4E-10	1.6E-01	1.4E-02	7.3E-13	5.4E-01	1.2E-06
1.9E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.9E-13	7.0E-01	6.0E-07	1.0E-03	4.4E-10	1.6E-01	1.4E-02	9.4E-13	7.0E-01	1.2E-06
1.9E-07	1.0E-03	2.6E-10	1.6E-01	1.4E-02	5.5E-13	9.4E-01	6.0E-07	1.0E-03	5.9E-10	1.6E-01	1.4E-02	1.3E-12	9.4E-01	1.2E-06
1.9E-07	1.0E-03	3.9E-10	1.6E-01	1.4E-02	8.4E-13	1.3E+00	6.0E-07	1.0E-03	8.2E-10	1.6E-01	1.4E-02	1.8E-12	1.3E+00	1.2E-06
1.9E-07	1.0E-03	6.2E-10	1.6E-01	1.4E-02	1.3E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	6.6E-10	1.6E-01	1.4E-02	1.4E-12	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.0E-12	3.0E+00	1.2E-06
1.9E-07	1.0E-03	4.5E-10	1.6E-01	1.4E-02	9.7E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	3.2E-10	1.6E-01	1.4E-02	6.9E-13	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	1.6E+00	1.2E-06
1.9E-07	1.0E-03	2.5E-10	1.6E-01	1.4E-02	5.3E-13	1.3E+00	6.0E-07	1.0E-03	8.0E-10	1.6E-01	1.4E-02	1.7E-12	1.3E+00	1.2E-06
1.9E-07	1.0E-03	1.9E-10	1.6E-01	1.4E-02	4.1E-13	9.8E-01	6.0E-07	1.0E-03	6.2E-10	1.6E-01	1.4E-02	1.3E-12	9.8E-01	1.2E-06
1.9E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.2E-13	7.8E-01	6.0E-07	1.0E-03	4.9E-10	1.6E-01	1.4E-02	1.0E-12	7.8E-01	1.2E-06
1.9E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.6E-13	6.3E-01	6.0E-07	1.0E-03	3.9E-10	1.6E-01	1.4E-02	8.5E-13	6.3E-01	1.2E-06
1.9E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.5E-13	4.7E-01	6.0E-07	1.0E-03	3.0E-10	1.6E-01	1.4E-02	6.4E-13	4.7E-01	1.2E-06
1.9E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.3E-13	5.9E-01	6.0E-07	1.0E-03	3.7E-10	1.6E-01	1.4E-02	8.0E-13	5.9E-01	1.2E-06
1.9E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.4E-13	7.6E-01	6.0E-07	1.0E-03	4.8E-10	1.6E-01	1.4E-02	1.0E-12	7.6E-01	1.2E-06
1.9E-07	1.0E-03	2.8E-10	1.6E-01	1.4E-02	6.1E-13	1.0E+00	6.0E-07	1.0E-03	6.3E-10	1.6E-01	1.4E-02	1.3E-12	1.0E+00	1.2E-06
1.9E-07	1.0E-03	4.2E-10	1.6E-01	1.4E-02	9.0E-13	1.4E+00	6.0E-07	1.0E-03	8.6E-10	1.6E-01	1.4E-02	1.8E-12	1.4E+00	1.2E-06
1.9E-07	1.0E-03	5.8E-10	1.6E-01	1.4E-02	1.3E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.5E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	7.1E-10	1.6E-01	1.4E-02	1.5E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	7.2E-10	1.6E-01	1.4E-02	1.6E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.3E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	6.3E-10	1.6E-01	1.4E-02	1.3E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	4.9E-10	1.6E-01	1.4E-02	1.1E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	3.7E-10	1.6E-01	1.4E-02	8.0E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	1.7E+00	1.2E-06
1.9E-07	1.0E-03	2.7E-10	1.6E-01	1.4E-02	5.8E-13	1.3E+00	6.0E-07	1.0E-03	8.3E-10	1.6E-01	1.4E-02	1.8E-12	1.3E+00	1.2E-06
1.9E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.4E-13	1.1E+00	6.0E-07	1.0E-03	6.6E-10	1.6E-01	1.4E-02	1.4E-12	1.1E+00	1.2E-06
1.9E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.7E-13	8.7E-01	6.0E-07	1.0E-03	5.5E-10	1.6E-01	1.4E-02	1.2E-12	8.7E-01	1.2E-06
1.9E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	2.9E-13	7.0E-01	6.0E-07	1.0E-03	4.4E-10	1.6E-01	1.4E-02	9.5E-13	7.0E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13	5.7E-01	6.0E-07	1.0E-03	3.6E-10	1.6E-01	1.4E-02	7.8E-13	5.7E-01	1.2E-06
1.9E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13	4.1E-01	6.0E-07	1.0E-03	2.6E-10	1.6E-01	1.4E-02	5.6E-13	4.1E-01	1.2E-06
1.9E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.7E-13	5.0E-01	6.0E-07	1.0E-03	3.2E-10	1.6E-01	1.4E-02	6.8E-13	5.0E-01	1.2E-06
1.9E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.5E-13	6.2E-01	6.0E-07	1.0E-03	3.9E-10	1.6E-01	1.4E-02	8.4E-13	6.2E-01	1.2E-06
1.9E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.7E-13	8.0E-01	6.0E-07	1.0E-03	5.0E-10	1.6E-01	1.4E-02	1.1E-12	8.0E-01	1.2E-06
1.9E-07	1.0E-03	2.9E-10	1.6E-01	1.4E-02	6.3E-13	1.0E+00	6.0E-07	1.0E-03	6.5E-10	1.6E-01	1.4E-02	1.4E-12	1.0E+00	1.2E-06
1.9E-07	1.0E-03	3.7E-10	1.6E-01	1.4E-02	8.0E-13	1.3E+00	6.0E-07	1.0E-03	8.1E-10	1.6E-01	1.4E-02	1.7E-12	1.3E+00	1.2E-06
1.9E-07	1.0E-03	4.4E-10	1.6E-01	1.4E-02	9.5E-13	1.5E+00	6.0E-07	1.0E-03	9.5E-10	1.6E-01	1.4E-02	2.1E-12	1.5E+00	1.2E-06
1.9E-07	1.0E-03	4.6E-10	1.6E-01	1.4E-02	9.9E-13	1.7E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.3E-12	1.7E+00	1.2E-06
1.9E-07	1.0E-03	4.3E-10	1.6E-01	1.4E-02	9.2E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12	1.7E+00	1.2E-06
1.9E-07	1.0E-03	3.6E-10	1.6E-01	1.4E-02	7.8E-13	1.6E+00	6.0E-07	1.0E-03	9.7E-10	1.6E-01	1.4E-02	2.1E-12	1.6E+00	1.2E-06
1.9E-07	1.0E-03	3.0E-10	1.6E-01	1.4E-02	6.4E-13	1.4E+00	6.0E-07	1.0E-03	8.5E-10	1.6E-01	1.4E-02	1.8E-12	1.4E+00	1.2E-06
1.9E-07	1.0E-03	2.4E-10	1.6E-01	1.4E-02	5.1E-13	1.1E+00	6.0E-07	1.0E-03	7.1E-10	1.6E-01	1.4E-02	1.5E-12	1.1E+00	1.2E-06
1.9E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.9E-13	9.0E-01	6.0E-07	1.0E-03	5.6E-10	1.6E-01	1.4E-02	1.2E-12	9.0E-01	1.2E-06
1.9E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.2E-13	7.7E-01	6.0E-07	1.0E-03	4.8E-10	1.6E-01	1.4E-02	1.0E-12	7.7E-01	1.2E-06

1.9E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.7E-13	6.4E-01	6.0E-07	1.0E-03	4.0E-10	1.6E-01	1.4E-02	8.6E-13	6.4E-01	1.2E-06
1.9E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13	5.3E-01	6.0E-07	1.0E-03	3.3E-10	1.6E-01	1.4E-02	7.2E-13	5.3E-01	1.2E-06
1.9E-07	1.0E-03	8.7E-11	1.6E-01	1.4E-02	1.9E-13	3.6E-01	6.0E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	4.9E-13	3.6E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13	4.3E-01	6.0E-07	1.0E-03	2.7E-10	1.6E-01	1.4E-02	5.8E-13	4.3E-01	1.2E-06
1.9E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.9E-13	5.3E-01	6.0E-07	1.0E-03	3.3E-10	1.6E-01	1.4E-02	7.1E-13	5.3E-01	1.2E-06
1.9E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.7E-13	6.5E-01	6.0E-07	1.0E-03	4.1E-10	1.6E-01	1.4E-02	8.8E-13	6.5E-01	1.2E-06
1.9E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.6E-13	8.0E-01	6.0E-07	1.0E-03	5.0E-10	1.6E-01	1.4E-02	1.1E-12	8.0E-01	1.2E-06
1.9E-07	1.0E-03	2.6E-10	1.6E-01	1.4E-02	5.6E-13	9.6E-01	6.0E-07	1.0E-03	6.0E-10	1.6E-01	1.4E-02	1.3E-12	9.6E-01	1.2E-06
1.9E-07	1.0E-03	3.0E-10	1.6E-01	1.4E-02	6.4E-13	1.1E+00	6.0E-07	1.0E-03	6.9E-10	1.6E-01	1.4E-02	1.5E-12	1.1E+00	1.2E-06
1.9E-07	1.0E-03	3.1E-10	1.6E-01	1.4E-02	6.8E-13	1.2E+00	6.0E-07	1.0E-03	7.5E-10	1.6E-01	1.4E-02	1.6E-12	1.2E+00	1.2E-06
1.9E-07	1.0E-03	3.1E-10	1.6E-01	1.4E-02	6.6E-13	1.2E+00	6.0E-07	1.0E-03	7.6E-10	1.6E-01	1.4E-02	1.6E-12	1.2E+00	1.2E-06
1.9E-07	1.0E-03	2.7E-10	1.6E-01	1.4E-02	5.9E-13	1.2E+00	6.0E-07	1.0E-03	7.3E-10	1.6E-01	1.4E-02	1.6E-12	1.2E+00	1.2E-06
1.9E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	4.9E-13	1.0E+00	6.0E-07	1.0E-03	6.4E-10	1.6E-01	1.4E-02	1.4E-12	1.0E+00	1.2E-06
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1.9E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.4E-13	7.8E-01	6.0E-07	1.0E-03	4.9E-10	1.6E-01	1.4E-02	1.0E-12	7.8E-01	1.2E-06
1.9E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.8E-13	6.4E-01	6.0E-07	1.0E-03	4.0E-10	1.6E-01	1.4E-02	8.7E-13	6.4E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13	5.7E-01	6.0E-07	1.0E-03	3.6E-10	1.6E-01	1.4E-02	7.7E-13	5.7E-01	1.2E-06
1.9E-07	1.0E-03	9.5E-11	1.6E-01	1.4E-02	2.0E-13	4.9E-01	6.0E-07	1.0E-03	3.1E-10	1.6E-01	1.4E-02	6.6E-13	4.9E-01	1.2E-06
1.9E-07	1.0E-03	7.6E-11	1.6E-01	1.4E-02	1.6E-13	3.2E-01	6.0E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.3E-13	3.2E-01	1.2E-06
1.9E-07	1.0E-03	9.1E-11	1.6E-01	1.4E-02	2.0E-13	3.7E-01	6.0E-07	1.0E-03	2.4E-10	1.6E-01	1.4E-02	5.1E-13	3.7E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13	4.5E-01	6.0E-07	1.0E-03	2.8E-10	1.6E-01	1.4E-02	6.0E-13	4.5E-01	1.2E-06
1.9E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	2.9E-13	5.3E-01	6.0E-07	1.0E-03	3.4E-10	1.6E-01	1.4E-02	7.2E-13	5.3E-01	1.2E-06
1.9E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.5E-13	6.4E-01	6.0E-07	1.0E-03	4.0E-10	1.6E-01	1.4E-02	8.6E-13	6.4E-01	1.2E-06
1.9E-07	1.0E-03	1.9E-10	1.6E-01	1.4E-02	4.2E-13	7.4E-01	6.0E-07	1.0E-03	4.7E-10	1.6E-01	1.4E-02	1.0E-12	7.4E-01	1.2E-06
1.9E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.7E-13	8.4E-01	6.0E-07	1.0E-03	5.2E-10	1.6E-01	1.4E-02	1.1E-12	8.4E-01	1.2E-06
1.9E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	4.9E-13	9.0E-01	6.0E-07	1.0E-03	5.6E-10	1.6E-01	1.4E-02	1.2E-12	9.0E-01	1.2E-06
1.9E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	4.8E-13	9.2E-01	6.0E-07	1.0E-03	5.8E-10	1.6E-01	1.4E-02	1.2E-12	9.2E-01	1.2E-06
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1.9E-07	1.0E-03	1.9E-10	1.6E-01	1.4E-02	4.1E-13	8.4E-01	6.0E-07	1.0E-03	5.3E-10	1.6E-01	1.4E-02	1.1E-12	8.4E-01	1.2E-06
1.9E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.6E-13	7.7E-01	6.0E-07	1.0E-03	4.8E-10	1.6E-01	1.4E-02	1.0E-12	7.7E-01	1.2E-06
1.9E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.1E-13	6.8E-01	6.0E-07	1.0E-03	4.3E-10	1.6E-01	1.4E-02	9.2E-13	6.8E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.5E-13	5.6E-01	6.0E-07	1.0E-03	3.5E-10	1.6E-01	1.4E-02	7.6E-13	5.6E-01	1.2E-06
1.9E-07	1.0E-03	9.7E-11	1.6E-01	1.4E-02	2.1E-13	4.9E-01	6.0E-07	1.0E-03	3.1E-10	1.6E-01	1.4E-02	6.6E-13	4.9E-01	1.2E-06
1.9E-07	1.0E-03	8.8E-11	1.6E-01	1.4E-02	1.9E-13	4.5E-01	6.0E-07	1.0E-03	2.8E-10	1.6E-01	1.4E-02	6.0E-13	4.5E-01	1.2E-06
1.9E-07	1.0E-03	6.7E-11	1.6E-01	1.4E-02	1.4E-13	2.8E-01	6.0E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.8E-13	2.8E-01	1.2E-06
1.9E-07	1.0E-03	7.9E-11	1.6E-01	1.4E-02	1.7E-13	3.3E-01	6.0E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.4E-13	3.3E-01	1.2E-06
1.9E-07	1.0E-03	9.3E-11	1.6E-01	1.4E-02	2.0E-13	3.8E-01	6.0E-07	1.0E-03	2.4E-10	1.6E-01	1.4E-02	5.2E-13	3.8E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13	4.5E-01	6.0E-07	1.0E-03	2.8E-10	1.6E-01	1.4E-02	6.0E-13	4.5E-01	1.2E-06
1.9E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.8E-13	5.2E-01	6.0E-07	1.0E-03	3.3E-10	1.6E-01	1.4E-02	7.0E-13	5.2E-01	1.2E-06
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1.9E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.5E-13	6.6E-01	6.0E-07	1.0E-03	4.1E-10	1.6E-01	1.4E-02	8.9E-13	6.6E-01	1.2E-06
1.9E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.7E-13	7.0E-01	6.0E-07	1.0E-03	4.4E-10	1.6E-01	1.4E-02	9.5E-13	7.0E-01	1.2E-06
1.9E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.7E-13	7.2E-01	6.0E-07	1.0E-03	4.5E-10	1.6E-01	1.4E-02	9.7E-13	7.2E-01	1.2E-06
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1.9E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.3E-13	6.9E-01	6.0E-07	1.0E-03	4.3E-10	1.6E-01	1.4E-02	9.3E-13	6.9E-01	1.2E-06
1.9E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.0E-13	6.4E-01	6.0E-07	1.0E-03	4.0E-10	1.6E-01	1.4E-02	8.6E-13	6.4E-01	1.2E-06
1.9E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.7E-13	5.8E-01	6.0E-07	1.0E-03	3.7E-10	1.6E-01	1.4E-02	7.9E-13	5.8E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13	5.2E-01	6.0E-07	1.0E-03	3.3E-10	1.6E-01	1.4E-02	7.0E-13	5.2E-01	1.2E-06
1.9E-07	1.0E-03	8.8E-11	1.6E-01	1.4E-02	1.9E-13	4.3E-01	6.0E-07	1.0E-03	2.7E-10	1.6E-01	1.4E-02	5.8E-13	4.3E-01	1.2E-06

1.9E-07	1.0E-03	7.6E-11	1.6E-01	1.4E-02	1.6E-13	3.8E-01	6.0E-07	1.0E-03	2.4E-10	1.6E-01	1.4E-02	5.1E-13	3.8E-01	1.2E-06
1.9E-07	1.0E-03	5.8E-11	1.6E-01	1.4E-02	1.3E-13	2.5E-01	6.0E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.4E-13	2.5E-01	1.2E-06
1.9E-07	1.0E-03	6.8E-11	1.6E-01	1.4E-02	1.5E-13	2.9E-01	6.0E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.9E-13	2.9E-01	1.2E-06
1.9E-07	1.0E-03	7.9E-11	1.6E-01	1.4E-02	1.7E-13	3.3E-01	6.0E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.4E-13	3.3E-01	1.2E-06
1.9E-07	1.0E-03	9.2E-11	1.6E-01	1.4E-02	2.0E-13	3.8E-01	6.0E-07	1.0E-03	2.4E-10	1.6E-01	1.4E-02	5.1E-13	3.8E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13	4.3E-01	6.0E-07	1.0E-03	2.7E-10	1.6E-01	1.4E-02	5.8E-13	4.3E-01	1.2E-06
1.9E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.6E-13	4.9E-01	6.0E-07	1.0E-03	3.0E-10	1.6E-01	1.4E-02	6.6E-13	4.9E-01	1.2E-06
1.9E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.8E-13	5.3E-01	6.0E-07	1.0E-03	3.3E-10	1.6E-01	1.4E-02	7.2E-13	5.3E-01	1.2E-06
1.9E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	2.9E-13	5.6E-01	6.0E-07	1.0E-03	3.5E-10	1.6E-01	1.4E-02	7.6E-13	5.6E-01	1.2E-06
1.9E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.0E-13	5.8E-01	6.0E-07	1.0E-03	3.6E-10	1.6E-01	1.4E-02	7.8E-13	5.8E-01	1.2E-06
1.9E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.9E-13	5.8E-01	6.0E-07	1.0E-03	3.6E-10	1.6E-01	1.4E-02	7.8E-13	5.8E-01	1.2E-06
1.9E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.7E-13	5.6E-01	6.0E-07	1.0E-03	3.5E-10	1.6E-01	1.4E-02	7.6E-13	5.6E-01	1.2E-06
1.9E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.5E-13	5.3E-01	6.0E-07	1.0E-03	3.4E-10	1.6E-01	1.4E-02	7.2E-13	5.3E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13	5.0E-01	6.0E-07	1.0E-03	3.1E-10	1.6E-01	1.4E-02	6.7E-13	5.0E-01	1.2E-06
1.9E-07	1.0E-03	9.5E-11	1.6E-01	1.4E-02	2.1E-13	4.5E-01	6.0E-07	1.0E-03	2.9E-10	1.6E-01	1.4E-02	6.1E-13	4.5E-01	1.2E-06
1.9E-07	1.0E-03	8.3E-11	1.6E-01	1.4E-02	1.8E-13	4.0E-01	6.0E-07	1.0E-03	2.5E-10	1.6E-01	1.4E-02	5.5E-13	4.0E-01	1.2E-06
1.9E-07	1.0E-03	6.9E-11	1.6E-01	1.4E-02	1.5E-13	3.4E-01	6.0E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.6E-13	3.4E-01	1.2E-06
1.9E-07	1.0E-03	5.2E-11	1.6E-01	1.4E-02	1.1E-13	2.2E-01	6.0E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.0E-13	2.2E-01	1.2E-06
1.9E-07	1.0E-03	5.9E-11	1.6E-01	1.4E-02	1.3E-13	2.5E-01	6.0E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.4E-13	2.5E-01	1.2E-06
1.9E-07	1.0E-03	6.8E-11	1.6E-01	1.4E-02	1.5E-13	2.9E-01	6.0E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.9E-13	2.9E-01	1.2E-06
1.9E-07	1.0E-03	7.7E-11	1.6E-01	1.4E-02	1.7E-13	3.3E-01	6.0E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.4E-13	3.3E-01	1.2E-06
1.9E-07	1.0E-03	8.7E-11	1.6E-01	1.4E-02	1.9E-13	3.7E-01	6.0E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	4.9E-13	3.7E-01	1.2E-06
1.9E-07	1.0E-03	9.7E-11	1.6E-01	1.4E-02	2.1E-13	4.0E-01	6.0E-07	1.0E-03	2.5E-10	1.6E-01	1.4E-02	5.5E-13	4.0E-01	1.2E-06
1.9E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.3E-13	4.4E-01	6.0E-07	1.0E-03	2.8E-10	1.6E-01	1.4E-02	5.9E-13	4.4E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13	4.6E-01	6.0E-07	1.0E-03	2.9E-10	1.6E-01	1.4E-02	6.3E-13	4.6E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13	4.8E-01	6.0E-07	1.0E-03	3.0E-10	1.6E-01	1.4E-02	6.4E-13	4.8E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13	4.8E-01	6.0E-07	1.0E-03	3.0E-10	1.6E-01	1.4E-02	6.5E-13	4.8E-01	1.2E-06
1.9E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13	4.7E-01	6.0E-07	1.0E-03	2.9E-10	1.6E-01	1.4E-02	6.3E-13	4.7E-01	1.2E-06
1.9E-07	1.0E-03	9.9E-11	1.6E-01	1.4E-02	2.1E-13	4.5E-01	6.0E-07	1.0E-03	2.8E-10	1.6E-01	1.4E-02	6.1E-13	4.5E-01	1.2E-06
1.9E-07	1.0E-03	9.2E-11	1.6E-01	1.4E-02	2.0E-13	4.3E-01	6.0E-07	1.0E-03	2.7E-10	1.6E-01	1.4E-02	5.7E-13	4.3E-01	1.2E-06
1.9E-07	1.0E-03	8.4E-11	1.6E-01	1.4E-02	1.8E-13	4.0E-01	6.0E-07	1.0E-03	2.5E-10	1.6E-01	1.4E-02	5.3E-13	4.0E-01	1.2E-06
1.9E-07	1.0E-03	7.5E-11	1.6E-01	1.4E-02	1.6E-13	3.6E-01	6.0E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	4.9E-13	3.6E-01	1.2E-06
1.9E-07	1.0E-03	6.4E-11	1.6E-01	1.4E-02	1.4E-13	3.1E-01	6.0E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.2E-13	3.1E-01	1.2E-06
1.9E-07	1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	1.4E+01	6.0E-07	1.0E-03	8.9E-09	1.6E-01	1.4E-02	1.9E-11	1.4E+01	1.2E-06
1.9E-07	1.0E-03	2.8E-09	1.6E-01	1.4E-02	5.9E-12	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.5E-11	1.8E+01	1.2E-06
1.9E-07	1.0E-03	3.2E-09	1.6E-01	1.4E-02	7.0E-12	2.4E+01	6.0E-07	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.2E-11	2.4E+01	1.2E-06
1.9E-07	1.0E-03	3.7E-09	1.6E-01	1.4E-02	8.1E-12	3.2E+01	6.0E-07	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.3E-11	3.2E+01	1.2E-06
1.9E-07	1.0E-03	4.3E-09	1.6E-01	1.4E-02	9.2E-12	4.2E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	1.4E-02	5.7E-11	4.2E+01	1.2E-06
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1.9E-07	1.0E-03	4.9E-09	1.6E-01	1.4E-02	1.0E-11	6.8E+01	6.0E-07	1.0E-03	4.3E-08	1.6E-01	1.4E-02	9.2E-11	6.8E+01	1.2E-06
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1.9E-07	1.0E-03	4.0E-09	1.6E-01	1.4E-02	8.6E-12	6.1E+01	6.0E-07	1.0E-03	3.8E-08	1.6E-01	1.4E-02	8.2E-11	6.1E+01	1.2E-06
1.9E-07	1.0E-03	3.6E-09	1.6E-01	1.4E-02	7.8E-12	5.1E+01	6.0E-07	1.0E-03	3.2E-08	1.6E-01	1.4E-02	6.9E-11	5.1E+01	1.2E-06
1.9E-07	1.0E-03	3.3E-09	1.6E-01	1.4E-02	7.1E-12	4.2E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	1.4E-02	5.7E-11	4.2E+01	1.2E-06
1.9E-07	1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.4E-12	3.5E+01	6.0E-07	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.7E-11	3.5E+01	1.2E-06
1.9E-07	1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.8E-12	2.9E+01	6.0E-07	1.0E-03	1.8E-08	1.6E-01	1.4E-02	3.9E-11	2.9E+01	1.2E-06
1.9E-07	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.2E-12	2.4E+01	6.0E-07	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.2E-11	2.4E+01	1.2E-06

1.9E-07	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.7E-12	2.0E+01	6.0E-07	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.7E-11	2.0E+01	1.2E-06
1.9E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.2E-12	1.7E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11	1.7E+01	1.2E-06
1.9E-07	1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.8E-12	1.5E+01	6.0E-07	1.0E-03	9.1E-09	1.6E-01	1.4E-02	2.0E-11	1.5E+01	1.2E-06
1.9E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.5E-12	1.3E+01	6.0E-07	1.0E-03	7.9E-09	1.6E-01	1.4E-02	1.7E-11	1.3E+01	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	1.1E+01	6.0E-07	1.0E-03	6.9E-09	1.6E-01	1.4E-02	1.5E-11	1.1E+01	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12	9.6E+00	6.0E-07	1.0E-03	6.0E-09	1.6E-01	1.4E-02	1.3E-11	9.6E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	8.5E+00	6.0E-07	1.0E-03	5.3E-09	1.6E-01	1.4E-02	1.1E-11	8.5E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	7.5E+00	6.0E-07	1.0E-03	4.7E-09	1.6E-01	1.4E-02	1.0E-11	7.5E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	6.7E+00	6.0E-07	1.0E-03	4.2E-09	1.6E-01	1.4E-02	9.1E-12	6.7E+00	1.2E-06
1.9E-07	1.0E-03	9.4E-10	1.6E-01	1.4E-02	2.0E-12	6.0E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	1.4E-02	8.1E-12	6.0E+00	1.2E-06
1.9E-07	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.1E-12	1.6E+01	6.0E-07	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11	1.6E+01	1.2E-06
1.9E-07	1.0E-03	3.5E-09	1.6E-01	1.4E-02	7.6E-12	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	1.4E-02	2.9E-11	2.2E+01	1.2E-06
1.9E-07	1.0E-03	4.3E-09	1.6E-01	1.4E-02	9.2E-12	3.0E+01	6.0E-07	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.1E-11	3.0E+01	1.2E-06
1.9E-07	1.0E-03	5.2E-09	1.6E-01	1.4E-02	1.1E-11	4.3E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	1.4E-02	5.8E-11	4.3E+01	1.2E-06
1.9E-07	1.0E-03	6.1E-09	1.6E-01	1.4E-02	1.3E-11	1.5E+01	6.0E-07	1.0E-03	9.6E-09	1.6E-01	1.4E-02	2.1E-11	1.5E+01	1.2E-06
1.9E-07	1.0E-03	6.8E-09	1.6E-01	1.4E-02	1.5E-11	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	1.4E-02	2.9E-11	2.2E+01	1.2E-06
1.9E-07	1.0E-03	7.0E-09	1.6E-01	1.4E-02	1.5E-11	3.2E+01	6.0E-07	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.3E-11	3.2E+01	1.2E-06
1.9E-07	1.0E-03	6.6E-09	1.6E-01	1.4E-02	1.4E-11	4.6E+01	6.0E-07	1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.3E-11	4.6E+01	1.2E-06
1.9E-07	1.0E-03	6.1E-09	1.6E-01	1.4E-02	1.3E-11	4.7E+01	6.0E-07	1.0E-03	3.0E-08	1.6E-01	1.4E-02	6.4E-11	4.7E+01	1.2E-06
1.9E-07	1.0E-03	5.4E-09	1.6E-01	1.4E-02	1.2E-11	3.5E+01	6.0E-07	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.7E-11	3.5E+01	1.2E-06
1.9E-07	1.0E-03	4.8E-09	1.6E-01	1.4E-02	1.0E-11	2.6E+01	6.0E-07	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.6E-11	2.6E+01	1.2E-06
1.9E-07	1.0E-03	4.2E-09	1.6E-01	1.4E-02	9.1E-12	6.8E+01	6.0E-07	1.0E-03	4.3E-08	1.6E-01	1.4E-02	9.2E-11	6.8E+01	1.2E-06
1.9E-07	1.0E-03	3.7E-09	1.6E-01	1.4E-02	8.0E-12	5.2E+01	6.0E-07	1.0E-03	3.2E-08	1.6E-01	1.4E-02	7.0E-11	5.2E+01	1.2E-06
1.9E-07	1.0E-03	3.3E-09	1.6E-01	1.4E-02	7.1E-12	4.0E+01	6.0E-07	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.4E-11	4.0E+01	1.2E-06
1.9E-07	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.3E-12	3.2E+01	6.0E-07	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.3E-11	3.2E+01	1.2E-06
1.9E-07	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.6E-12	2.6E+01	6.0E-07	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11	2.6E+01	1.2E-06
1.9E-07	1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	2.1E+01	6.0E-07	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.9E-11	2.1E+01	1.2E-06
1.9E-07	1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.5E-12	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11	1.8E+01	1.2E-06
1.9E-07	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.0E-12	1.5E+01	6.0E-07	1.0E-03	9.4E-09	1.6E-01	1.4E-02	2.0E-11	1.5E+01	1.2E-06
1.9E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12	1.3E+01	6.0E-07	1.0E-03	8.0E-09	1.6E-01	1.4E-02	1.7E-11	1.3E+01	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12	1.1E+01	6.0E-07	1.0E-03	6.9E-09	1.6E-01	1.4E-02	1.5E-11	1.1E+01	1.2E-06
1.9E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	2.9E-12	9.6E+00	6.0E-07	1.0E-03	6.0E-09	1.6E-01	1.4E-02	1.3E-11	9.6E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.7E-12	8.4E+00	6.0E-07	1.0E-03	5.3E-09	1.6E-01	1.4E-02	1.1E-11	8.4E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	7.4E+00	6.0E-07	1.0E-03	4.7E-09	1.6E-01	1.4E-02	1.0E-11	7.4E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	6.6E+00	6.0E-07	1.0E-03	4.2E-09	1.6E-01	1.4E-02	8.9E-12	6.6E+00	1.2E-06
1.9E-07	1.0E-03	9.5E-10	1.6E-01	1.4E-02	2.0E-12	5.9E+00	6.0E-07	1.0E-03	3.7E-09	1.6E-01	1.4E-02	8.0E-12	5.9E+00	1.2E-06
1.9E-07	1.0E-03	3.5E-09	1.6E-01	1.4E-02	7.5E-12	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11	1.8E+01	1.2E-06
1.9E-07	1.0E-03	4.5E-09	1.6E-01	1.4E-02	9.7E-12	2.5E+01	6.0E-07	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.4E-11	2.5E+01	1.2E-06
1.9E-07	1.0E-03	5.8E-09	1.6E-01	1.4E-02	1.3E-11	3.7E+01	6.0E-07	1.0E-03	2.3E-08	1.6E-01	1.4E-02	4.9E-11	3.7E+01	1.2E-06
1.9E-07	1.0E-03	7.6E-09	1.6E-01	1.4E-02	1.6E-11	5.7E+01	6.0E-07	1.0E-03	3.6E-08	1.6E-01	1.4E-02	7.7E-11	5.7E+01	1.2E-06
1.9E-07	1.0E-03	9.4E-09	1.6E-01	1.4E-02	2.0E-11	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11	1.8E+01	1.2E-06
1.9E-07	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11	2.7E+01	6.0E-07	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.7E-11	2.7E+01	1.2E-06
1.9E-07	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11	4.4E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	1.4E-02	5.9E-11	4.4E+01	1.2E-06
1.9E-07	1.0E-03	9.3E-09	1.6E-01	1.4E-02	2.0E-11	0.0E+00	6.0E-07	1.0E-03	0.0E+00	1.6E-01	1.4E-02	0.0E+00	0.0E+00	1.2E-06
1.9E-07	1.0E-03	7.9E-09	1.6E-01	1.4E-02	1.7E-11	0.0E+00	6.0E-07	1.0E-03	0.0E+00	1.6E-01	1.4E-02	0.0E+00	0.0E+00	1.2E-06
1.9E-07	1.0E-03	6.7E-09	1.6E-01	1.4E-02	1.4E-11	4.3E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	1.4E-02	5.9E-11	4.3E+01	1.2E-06
1.9E-07	1.0E-03	5.7E-09	1.6E-01	1.4E-02	1.2E-11	3.0E+01	6.0E-07	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.1E-11	3.0E+01	1.2E-06
1.9E-07	1.0E-03	4.9E-09	1.6E-01	1.4E-02	1.0E-11	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.0E-11	2.2E+01	1.2E-06
1.9E-07	1.0E-03	4.2E-09	1.6E-01	1.4E-02	9.0E-12	6.1E+01	6.0E-07	1.0E-03	3.9E-08	1.6E-01	1.4E-02	8.3E-11	6.1E+01	1.2E-06

1.9E-07	1.0E-03	3.6E-09	1.6E-01	1.4E-02	7.8E-12	4.4E+01	6.0E-07	1.0E-03	2.8E-08	1.6E-01	1.4E-02	6.0E-11	4.4E+01	1.2E-06
1.9E-07	1.0E-03	3.2E-09	1.6E-01	1.4E-02	6.8E-12	3.4E+01	6.0E-07	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.6E-11	3.4E+01	1.2E-06
1.9E-07	1.0E-03	2.8E-09	1.6E-01	1.4E-02	6.0E-12	2.7E+01	6.0E-07	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.6E-11	2.7E+01	1.2E-06
1.9E-07	1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.3E-12	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	1.4E-02	2.9E-11	2.2E+01	1.2E-06
1.9E-07	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.7E-12	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11	1.8E+01	1.2E-06
1.9E-07	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.2E-12	1.5E+01	6.0E-07	1.0E-03	9.4E-09	1.6E-01	1.4E-02	2.0E-11	1.5E+01	1.2E-06
1.9E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.7E-12	1.3E+01	6.0E-07	1.0E-03	7.9E-09	1.6E-01	1.4E-02	1.7E-11	1.3E+01	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12	1.1E+01	6.0E-07	1.0E-03	6.8E-09	1.6E-01	1.4E-02	1.5E-11	1.1E+01	1.2E-06
1.9E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12	9.4E+00	6.0E-07	1.0E-03	5.9E-09	1.6E-01	1.4E-02	1.3E-11	9.4E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.7E-12	8.2E+00	6.0E-07	1.0E-03	5.2E-09	1.6E-01	1.4E-02	1.1E-11	8.2E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	7.3E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	1.4E-02	9.8E-12	7.3E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	6.5E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	1.4E-02	8.7E-12	6.5E+00	1.2E-06
1.9E-07	1.0E-03	9.4E-10	1.6E-01	1.4E-02	2.0E-12	5.8E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	1.4E-02	7.8E-12	5.8E+00	1.2E-06
1.9E-07	1.0E-03	4.2E-09	1.6E-01	1.4E-02	9.1E-12	1.9E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11	1.9E+01	1.2E-06
1.9E-07	1.0E-03	5.7E-09	1.6E-01	1.4E-02	1.2E-11	2.7E+01	6.0E-07	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.7E-11	2.7E+01	1.2E-06
1.9E-07	1.0E-03	8.0E-09	1.6E-01	1.4E-02	1.7E-11	4.1E+01	6.0E-07	1.0E-03	2.6E-08	1.6E-01	1.4E-02	5.6E-11	4.1E+01	1.2E-06
1.9E-07	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11	1.3E+01	6.0E-07	1.0E-03	8.2E-09	1.6E-01	1.4E-02	1.8E-11	1.3E+01	1.2E-06
1.9E-07	1.0E-03	4.5E-09	1.6E-01	1.4E-02	9.6E-12	2.0E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.7E-11	2.0E+01	1.2E-06
1.9E-07	1.0E-03	4.9E-09	1.6E-01	1.4E-02	1.1E-11	3.1E+01	6.0E-07	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.2E-11	3.1E+01	1.2E-06
1.9E-07	1.0E-03	5.1E-09	1.6E-01	1.4E-02	1.1E-11	0.0E+00	6.0E-07	1.0E-03	0.0E+00	1.6E-01	1.4E-02	0.0E+00	0.0E+00	1.2E-06
1.9E-07	1.0E-03	1.4E-08	1.6E-01	1.4E-02	2.9E-11	0.0E+00	6.0E-07	1.0E-03	0.0E+00	1.6E-01	1.4E-02	0.0E+00	0.0E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11	0.0E+00	6.0E-07	1.0E-03	0.0E+00	1.6E-01	1.4E-02	0.0E+00	0.0E+00	1.2E-06
1.9E-07	1.0E-03	8.1E-09	1.6E-01	1.4E-02	1.8E-11	5.0E+01	6.0E-07	1.0E-03	3.1E-08	1.6E-01	1.4E-02	6.7E-11	5.0E+01	1.2E-06
1.9E-07	1.0E-03	6.6E-09	1.6E-01	1.4E-02	1.4E-11	3.2E+01	6.0E-07	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.3E-11	3.2E+01	1.2E-06
1.9E-07	1.0E-03	5.5E-09	1.6E-01	1.4E-02	1.2E-11	2.3E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.1E-11	2.3E+01	1.2E-06
1.9E-07	1.0E-03	4.6E-09	1.6E-01	1.4E-02	1.0E-11	6.8E+01	6.0E-07	1.0E-03	4.3E-08	1.6E-01	1.4E-02	9.2E-11	6.8E+01	1.2E-06
1.9E-07	1.0E-03	3.9E-09	1.6E-01	1.4E-02	8.5E-12	4.6E+01	6.0E-07	1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.3E-11	4.6E+01	1.2E-06
1.9E-07	1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.3E-12	3.4E+01	6.0E-07	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.6E-11	3.4E+01	1.2E-06
1.9E-07	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.3E-12	2.7E+01	6.0E-07	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.6E-11	2.7E+01	1.2E-06
1.9E-07	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.5E-12	2.1E+01	6.0E-07	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.9E-11	2.1E+01	1.2E-06
1.9E-07	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.8E-12	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11	1.8E+01	1.2E-06
1.9E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.2E-12	1.5E+01	6.0E-07	1.0E-03	9.2E-09	1.6E-01	1.4E-02	2.0E-11	1.5E+01	1.2E-06
1.9E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.8E-12	1.2E+01	6.0E-07	1.0E-03	7.8E-09	1.6E-01	1.4E-02	1.7E-11	1.2E+01	1.2E-06
1.9E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.3E-12	1.1E+01	6.0E-07	1.0E-03	6.6E-09	1.6E-01	1.4E-02	1.4E-11	1.1E+01	1.2E-06
1.9E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12	9.2E+00	6.0E-07	1.0E-03	5.7E-09	1.6E-01	1.4E-02	1.2E-11	9.2E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.7E-12	8.0E+00	6.0E-07	1.0E-03	5.0E-09	1.6E-01	1.4E-02	1.1E-11	8.0E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	7.0E+00	6.0E-07	1.0E-03	4.4E-09	1.6E-01	1.4E-02	9.5E-12	7.0E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	6.3E+00	6.0E-07	1.0E-03	3.9E-09	1.6E-01	1.4E-02	8.5E-12	6.3E+00	1.2E-06
1.9E-07	1.0E-03	9.4E-10	1.6E-01	1.4E-02	2.0E-12	5.6E+00	6.0E-07	1.0E-03	3.5E-09	1.6E-01	1.4E-02	7.6E-12	5.6E+00	1.2E-06
1.9E-07	1.0E-03	5.0E-09	1.6E-01	1.4E-02	1.1E-11	1.9E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11	1.9E+01	1.2E-06
1.9E-07	1.0E-03	7.1E-09	1.6E-01	1.4E-02	1.5E-11	2.7E+01	6.0E-07	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.7E-11	2.7E+01	1.2E-06
1.9E-07	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11	4.2E+01	6.0E-07	1.0E-03	2.6E-08	1.6E-01	1.4E-02	5.6E-11	4.2E+01	1.2E-06
1.9E-07	1.0E-03	5.5E-09	1.6E-01	1.4E-02	1.2E-11	1.3E+01	6.0E-07	1.0E-03	8.3E-09	1.6E-01	1.4E-02	1.8E-11	1.3E+01	1.2E-06
1.9E-07	1.0E-03	6.8E-09	1.6E-01	1.4E-02	1.5E-11	2.0E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.7E-11	2.0E+01	1.2E-06
1.9E-07	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.6E-12	2.1E+01	6.0E-07	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.8E-11	2.1E+01	1.2E-06
1.9E-07	1.0E-03	2.3E-09	1.6E-01	1.4E-02	4.9E-12	1.7E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11	1.7E+01	1.2E-06
1.9E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.3E-12	1.4E+01	6.0E-07	1.0E-03	8.8E-09	1.6E-01	1.4E-02	1.9E-11	1.4E+01	1.2E-06
1.9E-07	1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.8E-12	1.2E+01	6.0E-07	1.0E-03	7.4E-09	1.6E-01	1.4E-02	1.6E-11	1.2E+01	1.2E-06
1.9E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.3E-12	1.0E+01	6.0E-07	1.0E-03	6.4E-09	1.6E-01	1.4E-02	1.4E-11	1.0E+01	1.2E-06

1.9E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12	8.8E+00	6.0E-07	1.0E-03	5.5E-09	1.6E-01	1.4E-02	1.2E-11	8.8E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.7E-12	7.7E+00	6.0E-07	1.0E-03	4.8E-09	1.6E-01	1.4E-02	1.0E-11	7.7E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	6.8E+00	6.0E-07	1.0E-03	4.2E-09	1.6E-01	1.4E-02	9.1E-12	6.8E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	6.0E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	1.4E-02	8.1E-12	6.0E+00	1.2E-06
1.9E-07	1.0E-03	9.2E-10	1.6E-01	1.4E-02	2.0E-12	5.4E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.3E-12	5.4E+00	1.2E-06
1.9E-07	1.0E-03	5.7E-09	1.6E-01	1.4E-02	1.2E-11	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.5E-11	1.8E+01	1.2E-06
1.9E-07	1.0E-03	8.3E-09	1.6E-01	1.4E-02	1.8E-11	2.6E+01	6.0E-07	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.4E-11	2.6E+01	1.2E-06
1.9E-07	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.8E-11	3.8E+01	6.0E-07	1.0E-03	2.4E-08	1.6E-01	1.4E-02	5.1E-11	3.8E+01	1.2E-06
1.9E-07	1.0E-03	8.4E-09	1.6E-01	1.4E-02	1.8E-11	1.2E+01	6.0E-07	1.0E-03	7.8E-09	1.6E-01	1.4E-02	1.7E-11	1.2E+01	1.2E-06
1.9E-07	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11	1.8E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.5E-11	1.8E+01	1.2E-06
1.9E-07	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.7E-12	1.9E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11	1.9E+01	1.2E-06
1.9E-07	1.0E-03	2.3E-09	1.6E-01	1.4E-02	4.9E-12	1.6E+01	6.0E-07	1.0E-03	9.9E-09	1.6E-01	1.4E-02	2.1E-11	1.6E+01	1.2E-06
1.9E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.3E-12	1.3E+01	6.0E-07	1.0E-03	8.3E-09	1.6E-01	1.4E-02	1.8E-11	1.3E+01	1.2E-06
1.9E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.7E-12	1.1E+01	6.0E-07	1.0E-03	7.0E-09	1.6E-01	1.4E-02	1.5E-11	1.1E+01	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12	9.6E+00	6.0E-07	1.0E-03	6.0E-09	1.6E-01	1.4E-02	1.3E-11	9.6E+00	1.2E-06
1.9E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	2.9E-12	8.3E+00	6.0E-07	1.0E-03	5.2E-09	1.6E-01	1.4E-02	1.1E-11	8.3E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	7.3E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	1.4E-02	9.8E-12	7.3E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	1.4E-02	8.7E-12	6.4E+00	1.2E-06
1.9E-07	1.0E-03	9.9E-10	1.6E-01	1.4E-02	2.1E-12	5.7E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	1.4E-02	7.7E-12	5.7E+00	1.2E-06
1.9E-07	1.0E-03	9.0E-10	1.6E-01	1.4E-02	1.9E-12	5.1E+00	6.0E-07	1.0E-03	3.2E-09	1.6E-01	1.4E-02	6.9E-12	5.1E+00	1.2E-06
1.9E-07	1.0E-03	6.2E-09	1.6E-01	1.4E-02	1.3E-11	1.6E+01	6.0E-07	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11	1.6E+01	1.2E-06
1.9E-07	1.0E-03	9.0E-09	1.6E-01	1.4E-02	1.9E-11	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.0E-11	2.2E+01	1.2E-06
1.9E-07	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.1E-11	3.1E+01	6.0E-07	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.2E-11	3.1E+01	1.2E-06
1.9E-07	1.0E-03	3.3E-09	1.6E-01	1.4E-02	7.1E-12	4.5E+01	6.0E-07	1.0E-03	2.8E-08	1.6E-01	1.4E-02	6.1E-11	4.5E+01	1.2E-06
1.9E-07	1.0E-03	4.0E-09	1.6E-01	1.4E-02	8.7E-12	1.5E+01	6.0E-07	1.0E-03	9.6E-09	1.6E-01	1.4E-02	2.1E-11	1.5E+01	1.2E-06
1.9E-07	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.6E-12	1.7E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11	1.7E+01	1.2E-06
1.9E-07	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.8E-12	1.4E+01	6.0E-07	1.0E-03	9.0E-09	1.6E-01	1.4E-02	1.9E-11	1.4E+01	1.2E-06
1.9E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.2E-12	1.2E+01	6.0E-07	1.0E-03	7.6E-09	1.6E-01	1.4E-02	1.6E-11	1.2E+01	1.2E-06
1.9E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.7E-12	1.0E+01	6.0E-07	1.0E-03	6.5E-09	1.6E-01	1.4E-02	1.4E-11	1.0E+01	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	9.0E+00	6.0E-07	1.0E-03	5.6E-09	1.6E-01	1.4E-02	1.2E-11	9.0E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12	7.8E+00	6.0E-07	1.0E-03	4.9E-09	1.6E-01	1.4E-02	1.1E-11	7.8E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	6.9E+00	6.0E-07	1.0E-03	4.3E-09	1.6E-01	1.4E-02	9.3E-12	6.9E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12	6.1E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	1.4E-02	8.2E-12	6.1E+00	1.2E-06
1.9E-07	1.0E-03	9.6E-10	1.6E-01	1.4E-02	2.1E-12	5.4E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.3E-12	5.4E+00	1.2E-06
1.9E-07	1.0E-03	8.8E-10	1.6E-01	1.4E-02	1.9E-12	4.9E+00	6.0E-07	1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.6E-12	4.9E+00	1.2E-06
1.9E-07	1.0E-03	6.4E-09	1.6E-01	1.4E-02	1.4E-11	1.5E+01	6.0E-07	1.0E-03	9.1E-09	1.6E-01	1.4E-02	2.0E-11	1.5E+01	1.2E-06
1.9E-07	1.0E-03	9.4E-09	1.6E-01	1.4E-02	2.0E-11	1.9E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.5E-11	1.9E+01	1.2E-06
1.9E-07	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.2E-11	2.5E+01	6.0E-07	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.3E-11	2.5E+01	1.2E-06
1.9E-07	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.7E-11	3.3E+01	6.0E-07	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.4E-11	3.3E+01	1.2E-06
1.9E-07	1.0E-03	6.7E-09	1.6E-01	1.4E-02	1.4E-11	4.4E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	1.4E-02	5.9E-11	4.4E+01	1.2E-06
1.9E-07	1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.5E-12	1.5E+01	6.0E-07	1.0E-03	9.6E-09	1.6E-01	1.4E-02	2.1E-11	1.5E+01	1.2E-06
1.9E-07	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.7E-12	1.3E+01	6.0E-07	1.0E-03	8.1E-09	1.6E-01	1.4E-02	1.8E-11	1.3E+01	1.2E-06
1.9E-07	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.1E-12	1.1E+01	6.0E-07	1.0E-03	7.0E-09	1.6E-01	1.4E-02	1.5E-11	1.1E+01	1.2E-06
1.9E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12	9.6E+00	6.0E-07	1.0E-03	6.0E-09	1.6E-01	1.4E-02	1.3E-11	9.6E+00	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.1E-12	8.3E+00	6.0E-07	1.0E-03	5.2E-09	1.6E-01	1.4E-02	1.1E-11	8.3E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	7.3E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	1.4E-02	9.8E-12	7.3E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	1.4E-02	8.7E-12	6.4E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	5.7E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	1.4E-02	7.7E-12	5.7E+00	1.2E-06
1.9E-07	1.0E-03	9.3E-10	1.6E-01	1.4E-02	2.0E-12	5.1E+00	6.0E-07	1.0E-03	3.2E-09	1.6E-01	1.4E-02	6.9E-12	5.1E+00	1.2E-06

1.9E-07	1.0E-03	8.5E-10	1.6E-01	1.4E-02	1.8E-12	4.6E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.2E-12	4.6E+00	1.2E-06
1.9E-07	1.0E-03	6.3E-09	1.6E-01	1.4E-02	1.4E-11	1.3E+01	6.0E-07	1.0E-03	7.9E-09	1.6E-01	1.4E-02	1.7E-11	1.3E+01	1.2E-06
1.9E-07	1.0E-03	9.4E-09	1.6E-01	1.4E-02	2.0E-11	1.6E+01	6.0E-07	1.0E-03	9.8E-09	1.6E-01	1.4E-02	2.1E-11	1.6E+01	1.2E-06
1.9E-07	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.2E-11	2.0E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11	2.0E+01	1.2E-06
1.9E-07	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.7E-11	2.4E+01	6.0E-07	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11	2.4E+01	1.2E-06
1.9E-07	1.0E-03	5.9E-09	1.6E-01	1.4E-02	1.3E-11	3.0E+01	6.0E-07	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.1E-11	3.0E+01	1.2E-06
1.9E-07	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.2E-12	1.3E+01	6.0E-07	1.0E-03	8.4E-09	1.6E-01	1.4E-02	1.8E-11	1.3E+01	1.2E-06
1.9E-07	1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.5E-12	1.2E+01	6.0E-07	1.0E-03	7.3E-09	1.6E-01	1.4E-02	1.6E-11	1.2E+01	1.2E-06
1.9E-07	1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.9E-12	1.0E+01	6.0E-07	1.0E-03	6.3E-09	1.6E-01	1.4E-02	1.4E-11	1.0E+01	1.2E-06
1.9E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.4E-12	8.7E+00	6.0E-07	1.0E-03	5.5E-09	1.6E-01	1.4E-02	1.2E-11	8.7E+00	1.2E-06
1.9E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12	7.7E+00	6.0E-07	1.0E-03	4.8E-09	1.6E-01	1.4E-02	1.0E-11	7.7E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.7E-12	6.8E+00	6.0E-07	1.0E-03	4.2E-09	1.6E-01	1.4E-02	9.1E-12	6.8E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	6.0E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	1.4E-02	8.1E-12	6.0E+00	1.2E-06
1.9E-07	1.0E-03	9.9E-10	1.6E-01	1.4E-02	2.1E-12	5.3E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.2E-12	5.3E+00	1.2E-06
1.9E-07	1.0E-03	9.0E-10	1.6E-01	1.4E-02	1.9E-12	4.8E+00	6.0E-07	1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.5E-12	4.8E+00	1.2E-06
1.9E-07	1.0E-03	8.1E-10	1.6E-01	1.4E-02	1.7E-12	4.3E+00	6.0E-07	1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.8E-12	4.3E+00	1.2E-06
1.9E-07	1.0E-03	6.0E-09	1.6E-01	1.4E-02	1.3E-11	1.1E+01	6.0E-07	1.0E-03	6.7E-09	1.6E-01	1.4E-02	1.4E-11	1.1E+01	1.2E-06
1.9E-07	1.0E-03	8.9E-09	1.6E-01	1.4E-02	1.9E-11	1.3E+01	6.0E-07	1.0E-03	8.1E-09	1.6E-01	1.4E-02	1.7E-11	1.3E+01	1.2E-06
1.9E-07	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.0E-11	1.6E+01	6.0E-07	1.0E-03	9.9E-09	1.6E-01	1.4E-02	2.1E-11	1.6E+01	1.2E-06
1.9E-07	1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.4E-12	1.9E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.5E-11	1.9E+01	1.2E-06
1.9E-07	1.0E-03	3.5E-09	1.6E-01	1.4E-02	7.6E-12	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.0E-11	2.2E+01	1.2E-06
1.9E-07	1.0E-03	2.3E-09	1.6E-01	1.4E-02	4.9E-12	1.2E+01	6.0E-07	1.0E-03	7.4E-09	1.6E-01	1.4E-02	1.6E-11	1.2E+01	1.2E-06
1.9E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.3E-12	1.0E+01	6.0E-07	1.0E-03	6.5E-09	1.6E-01	1.4E-02	1.4E-11	1.0E+01	1.2E-06
1.9E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.7E-12	9.0E+00	6.0E-07	1.0E-03	5.7E-09	1.6E-01	1.4E-02	1.2E-11	9.0E+00	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12	7.9E+00	6.0E-07	1.0E-03	5.0E-09	1.6E-01	1.4E-02	1.1E-11	7.9E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12	7.0E+00	6.0E-07	1.0E-03	4.4E-09	1.6E-01	1.4E-02	9.5E-12	7.0E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	6.2E+00	6.0E-07	1.0E-03	3.9E-09	1.6E-01	1.4E-02	8.4E-12	6.2E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12	5.6E+00	6.0E-07	1.0E-03	3.5E-09	1.6E-01	1.4E-02	7.5E-12	5.6E+00	1.2E-06
1.9E-07	1.0E-03	9.5E-10	1.6E-01	1.4E-02	2.1E-12	5.0E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	1.4E-02	6.8E-12	5.0E+00	1.2E-06
1.9E-07	1.0E-03	8.6E-10	1.6E-01	1.4E-02	1.8E-12	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	1.4E-02	6.1E-12	4.5E+00	1.2E-06
1.9E-07	1.0E-03	7.8E-10	1.6E-01	1.4E-02	1.7E-12	4.1E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.5E-12	4.1E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-09	1.6E-01	1.4E-02	1.2E-11	9.1E+00	6.0E-07	1.0E-03	5.7E-09	1.6E-01	1.4E-02	1.2E-11	9.1E+00	1.2E-06
1.9E-07	1.0E-03	7.9E-09	1.6E-01	1.4E-02	1.7E-11	1.1E+01	6.0E-07	1.0E-03	6.7E-09	1.6E-01	1.4E-02	1.4E-11	1.1E+01	1.2E-06
1.9E-07	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11	1.3E+01	6.0E-07	1.0E-03	7.9E-09	1.6E-01	1.4E-02	1.7E-11	1.3E+01	1.2E-06
1.9E-07	1.0E-03	7.7E-09	1.6E-01	1.4E-02	1.7E-11	1.5E+01	6.0E-07	1.0E-03	9.3E-09	1.6E-01	1.4E-02	2.0E-11	1.5E+01	1.2E-06
1.9E-07	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11	1.7E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11	1.7E+01	1.2E-06
1.9E-07	1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.6E-12	1.0E+01	6.0E-07	1.0E-03	6.5E-09	1.6E-01	1.4E-02	1.4E-11	1.0E+01	1.2E-06
1.9E-07	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.0E-12	9.1E+00	6.0E-07	1.0E-03	5.7E-09	1.6E-01	1.4E-02	1.2E-11	9.1E+00	1.2E-06
1.9E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.5E-12	8.1E+00	6.0E-07	1.0E-03	5.1E-09	1.6E-01	1.4E-02	1.1E-11	8.1E+00	1.2E-06
1.9E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.1E-12	7.2E+00	6.0E-07	1.0E-03	4.5E-09	1.6E-01	1.4E-02	9.8E-12	7.2E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.7E-12	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	1.4E-02	8.7E-12	6.4E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	5.8E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	1.4E-02	7.8E-12	5.8E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	5.2E+00	6.0E-07	1.0E-03	3.3E-09	1.6E-01	1.4E-02	7.0E-12	5.2E+00	1.2E-06
1.9E-07	1.0E-03	9.1E-10	1.6E-01	1.4E-02	2.0E-12	4.7E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.3E-12	4.7E+00	1.2E-06
1.9E-07	1.0E-03	8.2E-10	1.6E-01	1.4E-02	1.8E-12	4.2E+00	6.0E-07	1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.7E-12	4.2E+00	1.2E-06
1.9E-07	1.0E-03	7.4E-10	1.6E-01	1.4E-02	1.6E-12	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.2E-12	3.9E+00	1.2E-06
1.9E-07	1.0E-03	4.8E-09	1.6E-01	1.4E-02	1.0E-11	7.8E+00	6.0E-07	1.0E-03	4.9E-09	1.6E-01	1.4E-02	1.0E-11	7.8E+00	1.2E-06
1.9E-07	1.0E-03	6.7E-09	1.6E-01	1.4E-02	1.4E-11	9.0E+00	6.0E-07	1.0E-03	5.6E-09	1.6E-01	1.4E-02	1.2E-11	9.0E+00	1.2E-06
1.9E-07	1.0E-03	9.8E-09	1.6E-01	1.4E-02	2.1E-11	1.0E+01	6.0E-07	1.0E-03	6.5E-09	1.6E-01	1.4E-02	1.4E-11	1.0E+01	1.2E-06

1.9E-07	1.0E-03	5.1E-09	1.6E-01	1.4E-02	1.1E-11	1.2E+01	6.0E-07	1.0E-03	7.5E-09	1.6E-01	1.4E-02	1.6E-11	1.2E+01	1.2E-06
1.9E-07	1.0E-03	6.1E-09	1.6E-01	1.4E-02	1.3E-11	1.4E+01	6.0E-07	1.0E-03	8.6E-09	1.6E-01	1.4E-02	1.9E-11	1.4E+01	1.2E-06
1.9E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.3E-12	9.1E+00	6.0E-07	1.0E-03	5.7E-09	1.6E-01	1.4E-02	1.2E-11	9.1E+00	1.2E-06
1.9E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.7E-12	8.1E+00	6.0E-07	1.0E-03	5.1E-09	1.6E-01	1.4E-02	1.1E-11	8.1E+00	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12	7.3E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	1.4E-02	9.9E-12	7.3E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12	6.6E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	1.4E-02	8.9E-12	6.6E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	5.9E+00	6.0E-07	1.0E-03	3.7E-09	1.6E-01	1.4E-02	8.0E-12	5.9E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12	5.3E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.2E-12	5.3E+00	1.2E-06
1.9E-07	1.0E-03	9.5E-10	1.6E-01	1.4E-02	2.1E-12	4.8E+00	6.0E-07	1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.5E-12	4.8E+00	1.2E-06
1.9E-07	1.0E-03	8.6E-10	1.6E-01	1.4E-02	1.9E-12	4.4E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	1.4E-02	5.9E-12	4.4E+00	1.2E-06
1.9E-07	1.0E-03	7.8E-10	1.6E-01	1.4E-02	1.7E-12	4.0E+00	6.0E-07	1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.4E-12	4.0E+00	1.2E-06
1.9E-07	1.0E-03	7.1E-10	1.6E-01	1.4E-02	1.5E-12	3.6E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	1.4E-02	4.9E-12	3.6E+00	1.2E-06
1.9E-07	1.0E-03	4.1E-09	1.6E-01	1.4E-02	8.7E-12	6.7E+00	6.0E-07	1.0E-03	4.2E-09	1.6E-01	1.4E-02	9.1E-12	6.7E+00	1.2E-06
1.9E-07	1.0E-03	5.4E-09	1.6E-01	1.4E-02	1.2E-11	7.7E+00	6.0E-07	1.0E-03	4.8E-09	1.6E-01	1.4E-02	1.0E-11	7.7E+00	1.2E-06
1.9E-07	1.0E-03	7.5E-09	1.6E-01	1.4E-02	1.6E-11	8.8E+00	6.0E-07	1.0E-03	5.5E-09	1.6E-01	1.4E-02	1.2E-11	8.8E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11	1.0E+01	6.0E-07	1.0E-03	6.3E-09	1.6E-01	1.4E-02	1.3E-11	1.0E+01	1.2E-06
1.9E-07	1.0E-03	4.1E-09	1.6E-01	1.4E-02	8.7E-12	1.1E+01	6.0E-07	1.0E-03	7.0E-09	1.6E-01	1.4E-02	1.5E-11	1.1E+01	1.2E-06
1.9E-07	1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.9E-12	8.0E+00	6.0E-07	1.0E-03	5.0E-09	1.6E-01	1.4E-02	1.1E-11	8.0E+00	1.2E-06
1.9E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.4E-12	7.3E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	1.4E-02	9.8E-12	7.3E+00	1.2E-06
1.9E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12	6.6E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	1.4E-02	8.9E-12	6.6E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.7E-12	6.0E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	1.4E-02	8.1E-12	6.0E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	5.4E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.3E-12	5.4E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.1E-12	4.9E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	1.4E-02	6.7E-12	4.9E+00	1.2E-06
1.9E-07	1.0E-03	9.0E-10	1.6E-01	1.4E-02	1.9E-12	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	1.4E-02	6.1E-12	4.5E+00	1.2E-06
1.9E-07	1.0E-03	8.2E-10	1.6E-01	1.4E-02	1.8E-12	4.1E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.5E-12	4.1E+00	1.2E-06
1.9E-07	1.0E-03	7.4E-10	1.6E-01	1.4E-02	1.6E-12	3.8E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.1E-12	3.8E+00	1.2E-06
1.9E-07	1.0E-03	6.8E-10	1.6E-01	1.4E-02	1.5E-12	3.4E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.6E-12	3.4E+00	1.2E-06
1.9E-07	1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.2E-12	5.9E+00	6.0E-07	1.0E-03	3.7E-09	1.6E-01	1.4E-02	7.9E-12	5.9E+00	1.2E-06
1.9E-07	1.0E-03	4.3E-09	1.6E-01	1.4E-02	9.2E-12	6.6E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	1.4E-02	8.9E-12	6.6E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-09	1.6E-01	1.4E-02	1.2E-11	7.4E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	1.4E-02	1.0E-11	7.4E+00	1.2E-06
1.9E-07	1.0E-03	7.1E-09	1.6E-01	1.4E-02	1.5E-11	8.3E+00	6.0E-07	1.0E-03	5.2E-09	1.6E-01	1.4E-02	1.1E-11	8.3E+00	1.2E-06
1.9E-07	1.0E-03	8.4E-09	1.6E-01	1.4E-02	1.8E-11	9.2E+00	6.0E-07	1.0E-03	5.8E-09	1.6E-01	1.4E-02	1.2E-11	9.2E+00	1.2E-06
1.9E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12	7.1E+00	6.0E-07	1.0E-03	4.5E-09	1.6E-01	1.4E-02	9.7E-12	7.1E+00	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	6.6E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	1.4E-02	8.9E-12	6.6E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	6.0E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	1.4E-02	8.1E-12	6.0E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12	5.5E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.4E-12	5.5E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	5.0E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	1.4E-02	6.8E-12	5.0E+00	1.2E-06
1.9E-07	1.0E-03	9.4E-10	1.6E-01	1.4E-02	2.0E-12	4.6E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.2E-12	4.6E+00	1.2E-06
1.9E-07	1.0E-03	8.5E-10	1.6E-01	1.4E-02	1.8E-12	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.7E-12	4.2E+00	1.2E-06
1.9E-07	1.0E-03	7.7E-10	1.6E-01	1.4E-02	1.7E-12	3.8E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.2E-12	3.8E+00	1.2E-06
1.9E-07	1.0E-03	7.0E-10	1.6E-01	1.4E-02	1.5E-12	3.5E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.8E-12	3.5E+00	1.2E-06
1.9E-07	1.0E-03	6.4E-10	1.6E-01	1.4E-02	1.4E-12	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.4E-12	3.2E+00	1.2E-06
1.9E-07	1.0E-03	2.8E-09	1.6E-01	1.4E-02	6.0E-12	5.2E+00	6.0E-07	1.0E-03	3.2E-09	1.6E-01	1.4E-02	7.0E-12	5.2E+00	1.2E-06
1.9E-07	1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.3E-12	5.8E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	1.4E-02	7.8E-12	5.8E+00	1.2E-06
1.9E-07	1.0E-03	4.2E-09	1.6E-01	1.4E-02	9.0E-12	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	1.4E-02	8.7E-12	6.4E+00	1.2E-06
1.9E-07	1.0E-03	5.0E-09	1.6E-01	1.4E-02	1.1E-11	7.1E+00	6.0E-07	1.0E-03	4.4E-09	1.6E-01	1.4E-02	9.6E-12	7.1E+00	1.2E-06
1.9E-07	1.0E-03	5.6E-09	1.6E-01	1.4E-02	1.2E-11	7.8E+00	6.0E-07	1.0E-03	4.9E-09	1.6E-01	1.4E-02	1.0E-11	7.8E+00	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	1.4E-02	8.6E-12	6.4E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12	5.9E+00	6.0E-07	1.0E-03	3.7E-09	1.6E-01	1.4E-02	8.0E-12	5.9E+00	1.2E-06

1.9E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	5.4E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.3E-12	5.4E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12	5.0E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	1.4E-02	6.7E-12	5.0E+00	1.2E-06
1.9E-07	1.0E-03	9.6E-10	1.6E-01	1.4E-02	2.1E-12	4.6E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.2E-12	4.6E+00	1.2E-06
1.9E-07	1.0E-03	8.7E-10	1.6E-01	1.4E-02	1.9E-12	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.7E-12	4.2E+00	1.2E-06
1.9E-07	1.0E-03	7.9E-10	1.6E-01	1.4E-02	1.7E-12	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.3E-12	3.9E+00	1.2E-06
1.9E-07	1.0E-03	7.3E-10	1.6E-01	1.4E-02	1.6E-12	3.6E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	1.4E-02	4.9E-12	3.6E+00	1.2E-06
1.9E-07	1.0E-03	6.6E-10	1.6E-01	1.4E-02	1.4E-12	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.5E-12	3.3E+00	1.2E-06
1.9E-07	1.0E-03	6.1E-10	1.6E-01	1.4E-02	1.3E-12	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.1E-12	3.0E+00	1.2E-06
1.9E-07	1.0E-03	2.3E-09	1.6E-01	1.4E-02	4.9E-12	4.6E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.2E-12	4.6E+00	1.2E-06
1.9E-07	1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.9E-12	5.1E+00	6.0E-07	1.0E-03	3.2E-09	1.6E-01	1.4E-02	6.8E-12	5.1E+00	1.2E-06
1.9E-07	1.0E-03	3.2E-09	1.6E-01	1.4E-02	6.9E-12	5.6E+00	6.0E-07	1.0E-03	3.5E-09	1.6E-01	1.4E-02	7.6E-12	5.6E+00	1.2E-06
1.9E-07	1.0E-03	3.6E-09	1.6E-01	1.4E-02	7.8E-12	6.1E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	1.4E-02	8.3E-12	6.1E+00	1.2E-06
1.9E-07	1.0E-03	4.0E-09	1.6E-01	1.4E-02	8.5E-12	6.6E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	1.4E-02	8.9E-12	6.6E+00	1.2E-06
1.9E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12	5.7E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	1.4E-02	7.7E-12	5.7E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	5.3E+00	6.0E-07	1.0E-03	3.3E-09	1.6E-01	1.4E-02	7.2E-12	5.3E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	4.9E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	1.4E-02	6.7E-12	4.9E+00	1.2E-06
1.9E-07	1.0E-03	9.9E-10	1.6E-01	1.4E-02	2.1E-12	4.6E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.2E-12	4.6E+00	1.2E-06
1.9E-07	1.0E-03	8.9E-10	1.6E-01	1.4E-02	1.9E-12	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.6E-12	4.2E+00	1.2E-06
1.9E-07	1.0E-03	8.0E-10	1.6E-01	1.4E-02	1.7E-12	3.8E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.2E-12	3.8E+00	1.2E-06
1.9E-07	1.0E-03	7.3E-10	1.6E-01	1.4E-02	1.6E-12	3.6E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.8E-12	3.6E+00	1.2E-06
1.9E-07	1.0E-03	6.7E-10	1.6E-01	1.4E-02	1.4E-12	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.5E-12	3.3E+00	1.2E-06
1.9E-07	1.0E-03	6.2E-10	1.6E-01	1.4E-02	1.3E-12	3.1E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.1E-12	3.1E+00	1.2E-06
1.9E-07	1.0E-03	5.7E-10	1.6E-01	1.4E-02	1.2E-12	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.8E-12	2.8E+00	1.2E-06
1.9E-07	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.1E-12	4.1E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.5E-12	4.1E+00	1.2E-06
1.9E-07	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.8E-12	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	1.4E-02	6.1E-12	4.5E+00	1.2E-06
1.9E-07	1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.4E-12	4.9E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	1.4E-02	6.6E-12	4.9E+00	1.2E-06
1.9E-07	1.0E-03	2.8E-09	1.6E-01	1.4E-02	6.0E-12	5.3E+00	6.0E-07	1.0E-03	3.3E-09	1.6E-01	1.4E-02	7.2E-12	5.3E+00	1.2E-06
1.9E-07	1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.5E-12	5.7E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	1.4E-02	7.7E-12	5.7E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	4.9E+00	6.0E-07	1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.6E-12	4.9E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	1.4E-02	6.1E-12	4.5E+00	1.2E-06
1.9E-07	1.0E-03	9.2E-10	1.6E-01	1.4E-02	2.0E-12	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.7E-12	4.2E+00	1.2E-06
1.9E-07	1.0E-03	8.1E-10	1.6E-01	1.4E-02	1.7E-12	3.8E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.1E-12	3.8E+00	1.2E-06
1.9E-07	1.0E-03	7.3E-10	1.6E-01	1.4E-02	1.6E-12	3.5E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.7E-12	3.5E+00	1.2E-06
1.9E-07	1.0E-03	6.7E-10	1.6E-01	1.4E-02	1.4E-12	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.4E-12	3.2E+00	1.2E-06
1.9E-07	1.0E-03	6.2E-10	1.6E-01	1.4E-02	1.3E-12	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.1E-12	3.0E+00	1.2E-06
1.9E-07	1.0E-03	5.7E-10	1.6E-01	1.4E-02	1.2E-12	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.8E-12	2.8E+00	1.2E-06
1.9E-07	1.0E-03	5.3E-10	1.6E-01	1.4E-02	1.1E-12	2.6E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12	2.6E+00	1.2E-06
1.9E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.5E-12	3.7E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	3.7E+00	1.2E-06
1.9E-07	1.0E-03	1.8E-09	1.6E-01	1.4E-02	4.0E-12	4.0E+00	6.0E-07	1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.4E-12	4.0E+00	1.2E-06
1.9E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.4E-12	4.3E+00	6.0E-07	1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.9E-12	4.3E+00	1.2E-06
1.9E-07	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.8E-12	4.7E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.3E-12	4.7E+00	1.2E-06
1.9E-07	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.1E-12	5.0E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	1.4E-02	6.7E-12	5.0E+00	1.2E-06
1.9E-07	1.0E-03	9.5E-10	1.6E-01	1.4E-02	2.0E-12	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.6E-12	4.2E+00	1.2E-06
1.9E-07	1.0E-03	8.6E-10	1.6E-01	1.4E-02	1.9E-12	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.3E-12	3.9E+00	1.2E-06
1.9E-07	1.0E-03	7.8E-10	1.6E-01	1.4E-02	1.7E-12	3.6E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.8E-12	3.6E+00	1.2E-06
1.9E-07	1.0E-03	7.1E-10	1.6E-01	1.4E-02	1.5E-12	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.5E-12	3.3E+00	1.2E-06
1.9E-07	1.0E-03	6.5E-10	1.6E-01	1.4E-02	1.4E-12	3.1E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.2E-12	3.1E+00	1.2E-06
1.9E-07	1.0E-03	5.9E-10	1.6E-01	1.4E-02	1.3E-12	2.9E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.9E-12	2.9E+00	1.2E-06
1.9E-07	1.0E-03	5.4E-10	1.6E-01	1.4E-02	1.2E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12	2.7E+00	1.2E-06

1.9E-07	1.0E-03	5.0E-10	1.6E-01	1.4E-02	1.1E-12	2.5E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.5E-12	3.3E+00	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12	3.6E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	1.4E-02	4.9E-12	3.6E+00	1.2E-06
1.9E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.2E-12	3.9E+00	1.2E-06
1.9E-07	1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.9E-12	4.1E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.6E-12	4.1E+00	1.2E-06
1.9E-07	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.1E-12	4.4E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	1.4E-02	5.9E-12	4.4E+00	1.2E-06
1.9E-07	1.0E-03	8.1E-10	1.6E-01	1.4E-02	1.8E-12	3.6E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	1.4E-02	4.9E-12	3.6E+00	1.2E-06
1.9E-07	1.0E-03	7.5E-10	1.6E-01	1.4E-02	1.6E-12	3.4E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.6E-12	3.4E+00	1.2E-06
1.9E-07	1.0E-03	6.9E-10	1.6E-01	1.4E-02	1.5E-12	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.3E-12	3.2E+00	1.2E-06
1.9E-07	1.0E-03	6.3E-10	1.6E-01	1.4E-02	1.4E-12	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.1E-12	3.0E+00	1.2E-06
1.9E-07	1.0E-03	5.8E-10	1.6E-01	1.4E-02	1.3E-12	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.8E-12	2.8E+00	1.2E-06
1.9E-07	1.0E-03	5.3E-10	1.6E-01	1.4E-02	1.1E-12	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.5E-12	2.6E+00	1.2E-06
1.9E-07	1.0E-03	4.8E-10	1.6E-01	1.4E-02	1.0E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.1E-12	3.0E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	3.3E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.4E-12	3.3E+00	1.2E-06
1.9E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.1E-12	3.5E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.7E-12	3.5E+00	1.2E-06
1.9E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12	3.7E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	3.7E+00	1.2E-06
1.9E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.4E-12	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.3E-12	3.9E+00	1.2E-06
1.9E-07	1.0E-03	7.1E-10	1.6E-01	1.4E-02	1.5E-12	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.3E-12	3.2E+00	1.2E-06
1.9E-07	1.0E-03	6.5E-10	1.6E-01	1.4E-02	1.4E-12	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.1E-12	3.0E+00	1.2E-06
1.9E-07	1.0E-03	6.0E-10	1.6E-01	1.4E-02	1.3E-12	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.8E-12	2.8E+00	1.2E-06
1.9E-07	1.0E-03	5.6E-10	1.6E-01	1.4E-02	1.2E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12	2.7E+00	1.2E-06
1.9E-07	1.0E-03	5.1E-10	1.6E-01	1.4E-02	1.1E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.4E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	4.7E-10	1.6E-01	1.4E-02	1.0E-12	2.3E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.1E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.7E-12	2.7E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	2.9E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	1.4E-02	4.0E-12	2.9E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	3.1E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.2E-12	3.1E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.5E-12	3.3E+00	1.2E-06
1.9E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12	3.5E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.7E-12	3.5E+00	1.2E-06
1.9E-07	1.0E-03	6.6E-10	1.6E-01	1.4E-02	1.4E-12	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.0E-12	3.0E+00	1.2E-06
1.9E-07	1.0E-03	6.2E-10	1.6E-01	1.4E-02	1.3E-12	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.8E-12	2.8E+00	1.2E-06
1.9E-07	1.0E-03	5.7E-10	1.6E-01	1.4E-02	1.2E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12	2.7E+00	1.2E-06
1.9E-07	1.0E-03	5.3E-10	1.6E-01	1.4E-02	1.1E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.4E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	4.9E-10	1.6E-01	1.4E-02	1.1E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	4.5E-10	1.6E-01	1.4E-02	9.7E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	9.1E-10	1.6E-01	1.4E-02	2.0E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.4E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	9.8E-10	1.6E-01	1.4E-02	2.1E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12	2.7E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.3E-12	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.8E-12	2.8E+00	1.2E-06
1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.0E-12	3.0E+00	1.2E-06
1.9E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12	3.1E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.2E-12	3.1E+00	1.2E-06
1.9E-07	1.0E-03	6.2E-10	1.6E-01	1.4E-02	1.3E-12	2.8E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.8E-12	2.8E+00	1.2E-06
1.9E-07	1.0E-03	5.8E-10	1.6E-01	1.4E-02	1.3E-12	2.6E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12	2.6E+00	1.2E-06
1.9E-07	1.0E-03	5.4E-10	1.6E-01	1.4E-02	1.2E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.4E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	5.0E-10	1.6E-01	1.4E-02	1.1E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	4.7E-10	1.6E-01	1.4E-02	1.0E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	4.4E-10	1.6E-01	1.4E-02	9.4E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	8.1E-10	1.6E-01	1.4E-02	1.7E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.1E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	8.6E-10	1.6E-01	1.4E-02	1.9E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	9.1E-10	1.6E-01	1.4E-02	2.0E-12	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.5E-12	2.6E+00	1.2E-06

1.9E-07	1.0E-03	9.6E-10	1.6E-01	1.4E-02	2.1E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.7E-12	2.7E+00	1.2E-06
1.9E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.8E-12	2.8E+00	1.2E-06
1.9E-07	1.0E-03	5.9E-10	1.6E-01	1.4E-02	1.3E-12	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.5E-12	2.6E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-10	1.6E-01	1.4E-02	1.2E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.3E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	5.1E-10	1.6E-01	1.4E-02	1.1E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	4.8E-10	1.6E-01	1.4E-02	1.0E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	4.5E-10	1.6E-01	1.4E-02	9.7E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	4.2E-10	1.6E-01	1.4E-02	9.1E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.7E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	7.2E-10	1.6E-01	1.4E-02	1.5E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	7.6E-10	1.6E-01	1.4E-02	1.6E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	8.1E-10	1.6E-01	1.4E-02	1.7E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	8.5E-10	1.6E-01	1.4E-02	1.8E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.3E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	8.8E-10	1.6E-01	1.4E-02	1.9E-12	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.5E-12	2.6E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-10	1.6E-01	1.4E-02	1.2E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	5.2E-10	1.6E-01	1.4E-02	1.1E-12	2.3E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.1E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	4.9E-10	1.6E-01	1.4E-02	1.1E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	4.6E-10	1.6E-01	1.4E-02	9.9E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	4.3E-10	1.6E-01	1.4E-02	9.3E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.7E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	4.0E-10	1.6E-01	1.4E-02	8.7E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	6.4E-10	1.6E-01	1.4E-02	1.4E-12	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.7E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	6.8E-10	1.6E-01	1.4E-02	1.5E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	7.2E-10	1.6E-01	1.4E-02	1.5E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	2.9E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	7.5E-10	1.6E-01	1.4E-02	1.6E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.1E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	7.8E-10	1.6E-01	1.4E-02	1.7E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	8.0E-10	1.6E-01	1.4E-02	1.7E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	8.1E-10	1.6E-01	1.4E-02	1.8E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.4E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	8.2E-10	1.6E-01	1.4E-02	1.8E-12	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.5E-12	2.6E+00	1.2E-06
1.9E-07	1.0E-03	8.2E-10	1.6E-01	1.4E-02	1.8E-12	2.6E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12	2.6E+00	1.2E-06
1.9E-07	1.0E-03	8.2E-10	1.6E-01	1.4E-02	1.8E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12	2.7E+00	1.2E-06
1.9E-07	1.0E-03	8.0E-10	1.6E-01	1.4E-02	1.7E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12	2.7E+00	1.2E-06
1.9E-07	1.0E-03	7.8E-10	1.6E-01	1.4E-02	1.7E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.7E-12	2.7E+00	1.2E-06
1.9E-07	1.0E-03	7.6E-10	1.6E-01	1.4E-02	1.6E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12	2.7E+00	1.2E-06
1.9E-07	1.0E-03	7.4E-10	1.6E-01	1.4E-02	1.6E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12	2.7E+00	1.2E-06
1.9E-07	1.0E-03	7.1E-10	1.6E-01	1.4E-02	1.5E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12	2.7E+00	1.2E-06
1.9E-07	1.0E-03	6.8E-10	1.6E-01	1.4E-02	1.5E-12	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.5E-12	2.6E+00	1.2E-06
1.9E-07	1.0E-03	6.5E-10	1.6E-01	1.4E-02	1.4E-12	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.5E-12	2.6E+00	1.2E-06
1.9E-07	1.0E-03	6.1E-10	1.6E-01	1.4E-02	1.3E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.4E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	5.8E-10	1.6E-01	1.4E-02	1.3E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-10	1.6E-01	1.4E-02	1.2E-12	2.3E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	5.2E-10	1.6E-01	1.4E-02	1.1E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.1E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	4.9E-10	1.6E-01	1.4E-02	1.1E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	2.9E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	4.6E-10	1.6E-01	1.4E-02	1.0E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	4.4E-10	1.6E-01	1.4E-02	9.4E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.7E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	4.1E-10	1.6E-01	1.4E-02	8.8E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	3.9E-10	1.6E-01	1.4E-02	8.3E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.5E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	5.8E-10	1.6E-01	1.4E-02	1.3E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.5E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	6.1E-10	1.6E-01	1.4E-02	1.3E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	6.4E-10	1.6E-01	1.4E-02	1.4E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.7E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	6.7E-10	1.6E-01	1.4E-02	1.4E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	2.1E+00	1.2E-06

1.9E-07	1.0E-03	6.9E-10	1.6E-01	1.4E-02	1.5E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	2.9E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	7.1E-10	1.6E-01	1.4E-02	1.5E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	7.3E-10	1.6E-01	1.4E-02	1.6E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.1E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	7.4E-10	1.6E-01	1.4E-02	1.6E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	7.4E-10	1.6E-01	1.4E-02	1.6E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	7.3E-10	1.6E-01	1.4E-02	1.6E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	7.2E-10	1.6E-01	1.4E-02	1.6E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.3E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	7.1E-10	1.6E-01	1.4E-02	1.5E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.4E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	6.9E-10	1.6E-01	1.4E-02	1.5E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.3E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	6.7E-10	1.6E-01	1.4E-02	1.4E-12	2.5E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12	2.5E+00	1.2E-06
1.9E-07	1.0E-03	6.5E-10	1.6E-01	1.4E-02	1.4E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	6.3E-10	1.6E-01	1.4E-02	1.3E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	6.0E-10	1.6E-01	1.4E-02	1.3E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	2.4E+00	1.2E-06
1.9E-07	1.0E-03	5.7E-10	1.6E-01	1.4E-02	1.2E-12	2.3E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.1E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-10	1.6E-01	1.4E-02	1.2E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.1E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	5.2E-10	1.6E-01	1.4E-02	1.1E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	4.9E-10	1.6E-01	1.4E-02	1.1E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	4.6E-10	1.6E-01	1.4E-02	1.0E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	4.4E-10	1.6E-01	1.4E-02	9.5E-13	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.7E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	4.2E-10	1.6E-01	1.4E-02	8.9E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	3.9E-10	1.6E-01	1.4E-02	8.4E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.5E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	3.7E-10	1.6E-01	1.4E-02	8.0E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	1.7E+00	1.2E-06
1.9E-07	1.0E-03	5.3E-10	1.6E-01	1.4E-02	1.1E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12	1.7E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-10	1.6E-01	1.4E-02	1.2E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	5.8E-10	1.6E-01	1.4E-02	1.2E-12	1.8E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	6.0E-10	1.6E-01	1.4E-02	1.3E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	6.2E-10	1.6E-01	1.4E-02	1.3E-12	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.7E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	6.4E-10	1.6E-01	1.4E-02	1.4E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	6.5E-10	1.6E-01	1.4E-02	1.4E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	6.6E-10	1.6E-01	1.4E-02	1.4E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	2.9E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	6.6E-10	1.6E-01	1.4E-02	1.4E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	6.6E-10	1.6E-01	1.4E-02	1.4E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	6.6E-10	1.6E-01	1.4E-02	1.4E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.1E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	6.5E-10	1.6E-01	1.4E-02	1.4E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.1E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	6.3E-10	1.6E-01	1.4E-02	1.4E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.1E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	6.2E-10	1.6E-01	1.4E-02	1.3E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.1E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	6.0E-10	1.6E-01	1.4E-02	1.3E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.1E-12	2.3E+00	1.2E-06
1.9E-07	1.0E-03	5.8E-10	1.6E-01	1.4E-02	1.2E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	5.6E-10	1.6E-01	1.4E-02	1.2E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	5.3E-10	1.6E-01	1.4E-02	1.1E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	2.9E-12	2.2E+00	1.2E-06
1.9E-07	1.0E-03	5.1E-10	1.6E-01	1.4E-02	1.1E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	4.9E-10	1.6E-01	1.4E-02	1.0E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	4.6E-10	1.6E-01	1.4E-02	9.9E-13	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.7E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	4.4E-10	1.6E-01	1.4E-02	9.5E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	4.2E-10	1.6E-01	1.4E-02	9.0E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	4.0E-10	1.6E-01	1.4E-02	8.5E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	3.7E-10	1.6E-01	1.4E-02	8.1E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12	1.7E+00	1.2E-06
1.9E-07	1.0E-03	3.5E-10	1.6E-01	1.4E-02	7.6E-13	1.7E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	1.7E+00	1.2E-06
1.9E-07	1.0E-03	4.8E-10	1.6E-01	1.4E-02	1.0E-12	1.6E+00	6.0E-07	1.0E-03	9.8E-10	1.6E-01	1.4E-02	2.1E-12	1.6E+00	1.2E-06

1.9E-07	1.0E-03	5.0E-10	1.6E-01	1.4E-02	1.1E-12	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	1.6E+00	1.2E-06
1.9E-07	1.0E-03	5.3E-10	1.6E-01	1.4E-02	1.1E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12	1.7E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-10	1.6E-01	1.4E-02	1.2E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	5.6E-10	1.6E-01	1.4E-02	1.2E-12	1.8E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	5.8E-10	1.6E-01	1.4E-02	1.2E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	5.9E-10	1.6E-01	1.4E-02	1.3E-12	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	6.0E-10	1.6E-01	1.4E-02	1.3E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.7E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	6.0E-10	1.6E-01	1.4E-02	1.3E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	6.0E-10	1.6E-01	1.4E-02	1.3E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	6.0E-10	1.6E-01	1.4E-02	1.3E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	2.1E+00	1.2E-06
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1.9E-07	1.0E-03	5.7E-10	1.6E-01	1.4E-02	1.2E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-10	1.6E-01	1.4E-02	1.2E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	5.3E-10	1.6E-01	1.4E-02	1.2E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	2.1E+00	1.2E-06
1.9E-07	1.0E-03	5.2E-10	1.6E-01	1.4E-02	1.1E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	5.0E-10	1.6E-01	1.4E-02	1.1E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.7E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	4.8E-10	1.6E-01	1.4E-02	1.0E-12	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.7E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	4.6E-10	1.6E-01	1.4E-02	9.8E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	4.3E-10	1.6E-01	1.4E-02	9.4E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	4.1E-10	1.6E-01	1.4E-02	8.9E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	4.0E-10	1.6E-01	1.4E-02	8.5E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	3.8E-10	1.6E-01	1.4E-02	8.1E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12	1.7E+00	1.2E-06
1.9E-07	1.0E-03	3.6E-10	1.6E-01	1.4E-02	7.7E-13	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	1.6E+00	1.2E-06
1.9E-07	1.0E-03	3.4E-10	1.6E-01	1.4E-02	7.3E-13	1.6E+00	6.0E-07	1.0E-03	9.9E-10	1.6E-01	1.4E-02	2.1E-12	1.6E+00	1.2E-06
1.9E-07	1.0E-03	4.4E-10	1.6E-01	1.4E-02	9.5E-13	1.5E+00	6.0E-07	1.0E-03	9.2E-10	1.6E-01	1.4E-02	2.0E-12	1.5E+00	1.2E-06
1.9E-07	1.0E-03	4.6E-10	1.6E-01	1.4E-02	9.9E-13	1.5E+00	6.0E-07	1.0E-03	9.6E-10	1.6E-01	1.4E-02	2.1E-12	1.5E+00	1.2E-06
1.9E-07	1.0E-03	4.8E-10	1.6E-01	1.4E-02	1.0E-12	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.1E-12	1.6E+00	1.2E-06
1.9E-07	1.0E-03	5.0E-10	1.6E-01	1.4E-02	1.1E-12	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	1.6E+00	1.2E-06
1.9E-07	1.0E-03	5.1E-10	1.6E-01	1.4E-02	1.1E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12	1.7E+00	1.2E-06
1.9E-07	1.0E-03	5.3E-10	1.6E-01	1.4E-02	1.1E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	5.4E-10	1.6E-01	1.4E-02	1.2E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	5.4E-10	1.6E-01	1.4E-02	1.2E-12	1.8E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-10	1.6E-01	1.4E-02	1.2E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-10	1.6E-01	1.4E-02	1.2E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	5.5E-10	1.6E-01	1.4E-02	1.2E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	5.4E-10	1.6E-01	1.4E-02	1.2E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	5.3E-10	1.6E-01	1.4E-02	1.1E-12	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	5.2E-10	1.6E-01	1.4E-02	1.1E-12	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	2.0E+00	1.2E-06
1.9E-07	1.0E-03	5.1E-10	1.6E-01	1.4E-02	1.1E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	5.0E-10	1.6E-01	1.4E-02	1.1E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	4.8E-10	1.6E-01	1.4E-02	1.0E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	4.6E-10	1.6E-01	1.4E-02	1.0E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12	1.9E+00	1.2E-06
1.9E-07	1.0E-03	4.5E-10	1.6E-01	1.4E-02	9.6E-13	1.8E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	4.3E-10	1.6E-01	1.4E-02	9.2E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	4.1E-10	1.6E-01	1.4E-02	8.8E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	3.9E-10	1.6E-01	1.4E-02	8.4E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12	1.7E+00	1.2E-06
1.9E-07	1.0E-03	3.7E-10	1.6E-01	1.4E-02	8.1E-13	1.7E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	1.7E+00	1.2E-06
1.9E-07	1.0E-03	3.6E-10	1.6E-01	1.4E-02	7.7E-13	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	1.6E+00	1.2E-06

1.9E-07	1.0E-03	3.4E-10	1.6E-01	1.4E-02	7.3E-13	1.6E+00	6.0E-07	1.0E-03	9.7E-10	1.6E-01	1.4E-02	2.1E-12	1.6E+00	1.2E-06
1.9E-07	1.0E-03	3.2E-10	1.6E-01	1.4E-02	7.0E-13	1.5E+00	6.0E-07	1.0E-03	9.4E-10	1.6E-01	1.4E-02	2.0E-12	1.5E+00	1.2E-06
1.9E-07	1.0E-03	4.0E-10	1.6E-01	1.4E-02	8.7E-13	1.4E+00	6.0E-07	1.0E-03	8.6E-10	1.6E-01	1.4E-02	1.9E-12	1.4E+00	1.2E-06
1.9E-07	1.0E-03	4.2E-10	1.6E-01	1.4E-02	9.1E-13	1.4E+00	6.0E-07	1.0E-03	9.0E-10	1.6E-01	1.4E-02	1.9E-12	1.4E+00	1.2E-06
1.9E-07	1.0E-03	4.4E-10	1.6E-01	1.4E-02	9.5E-13	1.5E+00	6.0E-07	1.0E-03	9.3E-10	1.6E-01	1.4E-02	2.0E-12	1.5E+00	1.2E-06
1.9E-07	1.0E-03	4.5E-10	1.6E-01	1.4E-02	9.8E-13	1.5E+00	6.0E-07	1.0E-03	9.6E-10	1.6E-01	1.4E-02	2.1E-12	1.5E+00	1.2E-06
1.9E-07	1.0E-03	4.7E-10	1.6E-01	1.4E-02	1.0E-12	1.6E+00	6.0E-07	1.0E-03	9.9E-10	1.6E-01	1.4E-02	2.1E-12	1.6E+00	1.2E-06
1.9E-07	1.0E-03	4.8E-10	1.6E-01	1.4E-02	1.0E-12	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	1.6E+00	1.2E-06
1.9E-07	1.0E-03	4.9E-10	1.6E-01	1.4E-02	1.1E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12	1.7E+00	1.2E-06
1.9E-07	1.0E-03	5.0E-10	1.6E-01	1.4E-02	1.1E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12	1.7E+00	1.2E-06
1.9E-07	1.0E-03	5.0E-10	1.6E-01	1.4E-02	1.1E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	1.7E+00	1.2E-06
1.9E-07	1.0E-03	5.0E-10	1.6E-01	1.4E-02	1.1E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	5.0E-10	1.6E-01	1.4E-02	1.1E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	5.0E-10	1.6E-01	1.4E-02	1.1E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	4.9E-10	1.6E-01	1.4E-02	1.1E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	4.8E-10	1.6E-01	1.4E-02	1.0E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.5E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	4.7E-10	1.6E-01	1.4E-02	1.0E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	4.6E-10	1.6E-01	1.4E-02	9.9E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	4.5E-10	1.6E-01	1.4E-02	9.6E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	4.3E-10	1.6E-01	1.4E-02	9.3E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	1.8E+00	1.2E-06
1.9E-07	1.0E-03	4.2E-10	1.6E-01	1.4E-02	9.0E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12	1.7E+00	1.2E-06
1.9E-07	1.0E-03	4.0E-10	1.6E-01	1.4E-02	8.7E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12	1.7E+00	1.2E-06
1.9E-07	1.0E-03	3.9E-10	1.6E-01	1.4E-02	8.3E-13	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	1.6E+00	1.2E-06
1.9E-07	1.0E-03	3.7E-10	1.6E-01	1.4E-02	8.0E-13	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	1.6E+00	1.2E-06
1.9E-07	1.0E-03	3.6E-10	1.6E-01	1.4E-02	7.7E-13	1.6E+00	6.0E-07	1.0E-03	9.8E-10	1.6E-01	1.4E-02	2.1E-12	1.6E+00	1.2E-06
1.9E-07	1.0E-03	3.4E-10	1.6E-01	1.4E-02	7.3E-13	1.5E+00	6.0E-07	1.0E-03	9.5E-10	1.6E-01	1.4E-02	2.1E-12	1.5E+00	1.2E-06
1.9E-07	1.0E-03	3.3E-10	1.6E-01	1.4E-02	7.0E-13	1.5E+00	6.0E-07	1.0E-03	9.2E-10	1.6E-01	1.4E-02	2.0E-12	1.5E+00	1.2E-06
1.9E-07	1.0E-03	3.1E-10	1.6E-01	1.4E-02	6.7E-13	1.4E+00	6.0E-07	1.0E-03	8.9E-10	1.6E-01	1.4E-02	1.9E-12	1.4E+00	1.2E-06

Franklin School Project

Risk From New Building Demo (Port. 1,3,4) - Unmitigated Residential

Haul Route 1A							Haul Route 2A					
D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk	
1.0E-03	4.4E-10	1.6E-01	1.4E-02	9.4E-13	3.9E+00	1.3E-07	1.0E-03	5.4E-10	1.6E-01	1.4E-02	1.2E-12	0.001695588
1.0E-03	5.0E-10	1.6E-01	1.4E-02	1.1E-12	4.4E+00	1.3E-07	1.0E-03	6.0E-10	1.6E-01	1.4E-02	1.3E-12	0.001868857
1.0E-03	5.8E-10	1.6E-01	1.4E-02	1.2E-12	4.7E+00	1.3E-07	1.0E-03	6.5E-10	1.6E-01	1.4E-02	1.4E-12	0.002055163
1.0E-03	6.6E-10	1.6E-01	1.4E-02	1.4E-12	4.8E+00	1.3E-07	1.0E-03	6.7E-10	1.6E-01	1.4E-02	1.4E-12	0.002251157
1.0E-03	7.5E-10	1.6E-01	1.4E-02	1.6E-12	4.8E+00	1.3E-07	1.0E-03	6.7E-10	1.6E-01	1.4E-02	1.4E-12	0.002449795
1.0E-03	8.3E-10	1.6E-01	1.4E-02	1.8E-12	4.7E+00	1.3E-07	1.0E-03	6.5E-10	1.6E-01	1.4E-02	1.4E-12	0.002641452
1.0E-03	9.1E-10	1.6E-01	1.4E-02	2.0E-12	4.3E+00	1.3E-07	1.0E-03	5.9E-10	1.6E-01	1.4E-02	1.3E-12	0.002836076
1.0E-03	9.9E-10	1.6E-01	1.4E-02	2.1E-12	3.6E+00	1.3E-07	1.0E-03	5.0E-10	1.6E-01	1.4E-02	1.1E-12	0.002997713
1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12	2.8E+00	1.3E-07	1.0E-03	3.9E-10	1.6E-01	1.4E-02	8.4E-13	0.003187159
1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12	2.2E+00	1.3E-07	1.0E-03	3.0E-10	1.6E-01	1.4E-02	6.4E-13	0.003356634
1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.7E-12	1.6E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	4.9E-13	0.003625503
1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.8E-13	0.003897001
1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.0E-13	0.004133599
1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13	0.004329027
1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	6.5E-01	1.3E-07	1.0E-03	9.0E-11	1.6E-01	1.4E-02	1.9E-13	0.004468194
1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	1.4E-02	1.6E-13	0.004521766
1.0E-03	5.1E-10	1.6E-01	1.4E-02	1.1E-12	8.3E+00	1.3E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.5E-12	0.001904228
1.0E-03	6.0E-10	1.6E-01	1.4E-02	1.3E-12	8.9E+00	1.3E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.7E-12	0.002128794
1.0E-03	7.1E-10	1.6E-01	1.4E-02	1.5E-12	9.3E+00	1.3E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	0.002373436
1.0E-03	8.4E-10	1.6E-01	1.4E-02	1.8E-12	9.5E+00	1.3E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	0.002639961
1.0E-03	9.8E-10	1.6E-01	1.4E-02	2.1E-12	9.4E+00	1.3E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	0.002915739
1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	9.0E+00	1.3E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.7E-12	0.00319078
1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.7E-12	7.7E+00	1.3E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12	0.003467586
1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12	5.3E+00	1.3E-07	1.0E-03	7.3E-10	1.6E-01	1.4E-02	1.6E-12	0.003704598
1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.3E-12	3.4E+00	1.3E-07	1.0E-03	4.8E-10	1.6E-01	1.4E-02	1.0E-12	0.003974418
1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.7E-12	2.3E+00	1.3E-07	1.0E-03	3.2E-10	1.6E-01	1.4E-02	7.0E-13	0.004242276
1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.9E-12	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	4.9E-13	0.004648469
1.0E-03	1.8E-09	1.6E-01	1.4E-02	4.0E-12	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.7E-13	0.005033112
1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.8E-12	9.4E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.8E-13	0.005346071
1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.5E-12	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13	0.00556377
1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	6.1E-01	1.3E-07	1.0E-03	8.4E-11	1.6E-01	1.4E-02	1.8E-13	0.005661958
1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	1.4E-02	1.5E-13	0.005620932
1.0E-03	5.9E-10	1.6E-01	1.4E-02	1.3E-12	6.9E+00	1.3E-07	1.0E-03	9.5E-10	1.6E-01	1.4E-02	2.0E-12	0.002140088
1.0E-03	7.2E-10	1.6E-01	1.4E-02	1.5E-12	1.1E+01	1.3E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12	0.002427218
1.0E-03	8.8E-10	1.6E-01	1.4E-02	1.9E-12	6.2E+00	1.3E-07	1.0E-03	8.5E-10	1.6E-01	1.4E-02	1.8E-12	0.002758107
1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	6.1E+00	1.3E-07	1.0E-03	8.5E-10	1.6E-01	1.4E-02	1.8E-12	0.003127107
1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12	6.0E+00	1.3E-07	1.0E-03	8.3E-10	1.6E-01	1.4E-02	1.8E-12	0.003523781
1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.4E-12	5.4E+00	1.3E-07	1.0E-03	7.4E-10	1.6E-01	1.4E-02	1.6E-12	0.003926496
1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.0E-12	6.2E+00	1.3E-07	1.0E-03	8.6E-10	1.6E-01	1.4E-02	1.8E-12	0.004346225
1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.6E-12	7.1E+00	1.3E-07	1.0E-03	9.9E-10	1.6E-01	1.4E-02	2.1E-12	0.004719215
1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.2E-12	3.6E+00	1.3E-07	1.0E-03	5.0E-10	1.6E-01	1.4E-02	1.1E-12	0.005109418
1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.7E-12	2.2E+00	1.3E-07	1.0E-03	3.1E-10	1.6E-01	1.4E-02	6.6E-13	0.005555171
1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.8E-12	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.5E-13	0.006198419

1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.5E-12	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.3E-13	0.006726092
1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	8.5E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.5E-13	0.007106683
1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.4E-12	6.7E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	1.4E-02	2.0E-13	0.007286215
1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.7E-12	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	1.4E-02	1.6E-13	0.007236774
1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	4.5E-01	1.3E-07	1.0E-03	6.3E-11	1.6E-01	1.4E-02	1.3E-13	0.006988606
1.0E-03	6.7E-10	1.6E-01	1.4E-02	1.4E-12	6.3E+00	1.3E-07	1.0E-03	8.8E-10	1.6E-01	1.4E-02	1.9E-12	0.002405942
1.0E-03	8.5E-10	1.6E-01	1.4E-02	1.8E-12	1.0E+01	1.3E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12	0.002777991
1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	5.6E+00	1.3E-07	1.0E-03	7.8E-10	1.6E-01	1.4E-02	1.7E-12	0.003225498
1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.1E-12	5.5E+00	1.3E-07	1.0E-03	7.6E-10	1.6E-01	1.4E-02	1.6E-12	0.00374771
1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.1E-12	5.3E+00	1.3E-07	1.0E-03	7.3E-10	1.6E-01	1.4E-02	1.6E-12	0.004336153
1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.3E-12	4.5E+00	1.3E-07	1.0E-03	6.3E-10	1.6E-01	1.4E-02	1.4E-12	0.004966789
1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.5E-12	5.2E+00	1.3E-07	1.0E-03	7.2E-10	1.6E-01	1.4E-02	1.6E-12	0.005609987
1.0E-03	3.6E-09	1.6E-01	1.4E-02	7.7E-12	6.0E+00	1.3E-07	1.0E-03	8.3E-10	1.6E-01	1.4E-02	1.8E-12	0.006174691
1.0E-03	4.1E-09	1.6E-01	1.4E-02	8.9E-12	3.0E+00	1.3E-07	1.0E-03	4.2E-10	1.6E-01	1.4E-02	9.0E-13	0.006816554
1.0E-03	4.3E-09	1.6E-01	1.4E-02	9.3E-12	1.9E+00	1.3E-07	1.0E-03	2.6E-10	1.6E-01	1.4E-02	5.6E-13	0.007610802
1.0E-03	4.0E-09	1.6E-01	1.4E-02	8.7E-12	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.9E-13	0.008679275
1.0E-03	3.5E-09	1.6E-01	1.4E-02	7.5E-12	9.5E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.8E-13	0.009368155
1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.3E-12	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13	0.009710842
1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.1E-12	5.9E-01	1.3E-07	1.0E-03	8.2E-11	1.6E-01	1.4E-02	1.8E-13	0.009657106
1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.1E-12	4.8E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	1.4E-02	1.4E-13	0.009253591
1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.4E-12	4.0E-01	1.3E-07	1.0E-03	5.6E-11	1.6E-01	1.4E-02	1.2E-13	0.008614786
1.0E-03	7.6E-10	1.6E-01	1.4E-02	1.6E-12	7.0E+00	1.3E-07	1.0E-03	9.7E-10	1.6E-01	1.4E-02	2.1E-12	0.00269779
1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	7.3E+00	1.3E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	0.003180678
1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12	7.4E+00	1.3E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	0.00378904
1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.2E-12	7.3E+00	1.3E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	0.004539297
1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.2E-12	7.0E+00	1.3E-07	1.0E-03	9.7E-10	1.6E-01	1.4E-02	2.1E-12	0.005433758
1.0E-03	4.2E-09	1.6E-01	1.4E-02	9.1E-12	6.4E+00	1.3E-07	1.0E-03	8.9E-10	1.6E-01	1.4E-02	1.9E-12	0.006466245
1.0E-03	5.7E-09	1.6E-01	1.4E-02	1.2E-11	5.2E+00	1.3E-07	1.0E-03	7.1E-10	1.6E-01	1.4E-02	1.5E-12	0.007568015
1.0E-03	7.3E-09	1.6E-01	1.4E-02	1.6E-11	3.4E+00	1.3E-07	1.0E-03	4.7E-10	1.6E-01	1.4E-02	1.0E-12	0.008578585
1.0E-03	8.0E-09	1.6E-01	1.4E-02	1.7E-11	2.2E+00	1.3E-07	1.0E-03	3.1E-10	1.6E-01	1.4E-02	6.6E-13	0.009772332
1.0E-03	7.2E-09	1.6E-01	1.4E-02	1.6E-11	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.5E-13	0.011463725
1.0E-03	5.8E-09	1.6E-01	1.4E-02	1.2E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.2E-13	0.01285646
1.0E-03	4.4E-09	1.6E-01	1.4E-02	9.6E-12	8.2E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13	0.013596732
1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.2E-12	6.4E-01	1.3E-07	1.0E-03	8.9E-11	1.6E-01	1.4E-02	1.9E-13	0.013531153
1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.5E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	1.4E-02	1.6E-13	0.01281285
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1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.4E-12	3.6E-01	1.3E-07	1.0E-03	5.0E-11	1.6E-01	1.4E-02	1.1E-13	0.010408717
1.0E-03	8.3E-10	1.6E-01	1.4E-02	1.8E-12	3.5E+00	1.3E-07	1.0E-03	4.9E-10	1.6E-01	1.4E-02	1.1E-12	0.003005034
1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	3.8E+00	1.3E-07	1.0E-03	5.2E-10	1.6E-01	1.4E-02	1.1E-12	0.003624551
1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12	3.8E+00	1.3E-07	1.0E-03	5.3E-10	1.6E-01	1.4E-02	1.1E-12	0.004449574
1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.6E-12	3.8E+00	1.3E-07	1.0E-03	5.3E-10	1.6E-01	1.4E-02	1.1E-12	0.005529226
1.0E-03	4.5E-09	1.6E-01	1.4E-02	9.6E-12	3.7E+00	1.3E-07	1.0E-03	5.1E-10	1.6E-01	1.4E-02	1.1E-12	0.006922672
1.0E-03	8.3E-09	1.6E-01	1.4E-02	1.8E-11	3.4E+00	1.3E-07	1.0E-03	4.7E-10	1.6E-01	1.4E-02	1.0E-12	0.008700847
1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.1E-11	2.9E+00	1.3E-07	1.0E-03	4.0E-10	1.6E-01	1.4E-02	8.6E-13	0.010768422
1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.1E-11	2.2E+00	1.3E-07	1.0E-03	3.1E-10	1.6E-01	1.4E-02	6.6E-13	0.012989355
1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.6E-11	1.6E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	4.9E-13	0.015395415
1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.6E-13	0.018693695
1.0E-03	7.4E-09	1.6E-01	1.4E-02	1.6E-11	9.1E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.7E-13	0.020340469
1.0E-03	5.0E-09	1.6E-01	1.4E-02	1.1E-11	7.1E-01	1.3E-07	1.0E-03	9.8E-11	1.6E-01	1.4E-02	2.1E-13	0.020330184

1.0E-03	3.5E-09	1.6E-01	1.4E-02	7.6E-12	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	1.4E-02	1.7E-13	0.018870557
1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.5E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	1.4E-02	1.4E-13	0.016691364
1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.1E-12	3.9E-01	1.3E-07	1.0E-03	5.4E-11	1.6E-01	1.4E-02	1.2E-13	0.014340632
1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	3.3E-01	1.3E-07	1.0E-03	4.6E-11	1.6E-01	1.4E-02	9.9E-14	0.012147162
1.0E-03	8.7E-10	1.6E-01	1.4E-02	1.9E-12	2.2E+00	1.3E-07	1.0E-03	3.0E-10	1.6E-01	1.4E-02	6.5E-13	0.003300755
1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	2.4E+00	1.3E-07	1.0E-03	3.3E-10	1.6E-01	1.4E-02	7.0E-13	0.004078675
1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.0E-12	2.4E+00	1.3E-07	1.0E-03	3.4E-10	1.6E-01	1.4E-02	7.3E-13	0.005175764
1.0E-03	3.2E-09	1.6E-01	1.4E-02	6.8E-12	2.4E+00	1.3E-07	1.0E-03	3.4E-10	1.6E-01	1.4E-02	7.3E-13	0.006716303
1.0E-03	6.4E-09	1.6E-01	1.4E-02	1.4E-11	2.4E+00	1.3E-07	1.0E-03	3.3E-10	1.6E-01	1.4E-02	7.0E-13	0.008910029
1.0E-03	1.8E-08	1.6E-01	1.4E-02	3.9E-11	2.2E+00	1.3E-07	1.0E-03	3.0E-10	1.6E-01	1.4E-02	6.6E-13	0.012130256
1.0E-03	6.9E-08	1.6E-01	1.4E-02	1.5E-10	1.9E+00	1.3E-07	1.0E-03	2.7E-10	1.6E-01	1.4E-02	5.8E-13	0.016571175
1.0E-03	7.8E-08	1.6E-01	1.4E-02	1.7E-10	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.8E-13	0.022012623
1.0E-03	3.1E-08	1.6E-01	1.4E-02	6.6E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.8E-13	0.02828201
1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.0E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.0E-13	0.034302858
1.0E-03	7.8E-09	1.6E-01	1.4E-02	1.7E-11	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13	0.03411968
1.0E-03	4.8E-09	1.6E-01	1.4E-02	1.0E-11	6.3E-01	1.3E-07	1.0E-03	8.7E-11	1.6E-01	1.4E-02	1.9E-13	0.030485427
1.0E-03	3.3E-09	1.6E-01	1.4E-02	7.0E-12	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	1.4E-02	1.5E-13	0.025540296
1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	4.3E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	1.4E-02	1.3E-13	0.020762422
1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.7E-12	3.6E-01	1.3E-07	1.0E-03	5.0E-11	1.6E-01	1.4E-02	1.1E-13	0.016682624
1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12	3.1E-01	1.3E-07	1.0E-03	4.2E-11	1.6E-01	1.4E-02	9.1E-14	0.01348548
1.0E-03	8.8E-10	1.6E-01	1.4E-02	1.9E-12	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.5E-13	0.003570253
1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.7E-12	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.8E-13	0.004519071
1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.1E-12	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	5.0E-13	0.005911349
1.0E-03	3.3E-09	1.6E-01	1.4E-02	7.1E-12	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	1.4E-02	5.1E-13	0.008030474
1.0E-03	7.1E-09	1.6E-01	1.4E-02	1.5E-11	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	5.0E-13	0.011435182
1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.7E-11	8.5E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.5E-13	0.072148208
1.0E-03	6.6E-09	1.6E-01	1.4E-02	1.4E-11	6.9E-01	1.3E-07	1.0E-03	9.6E-11	1.6E-01	1.4E-02	2.1E-13	0.057341028
1.0E-03	4.1E-09	1.6E-01	1.4E-02	8.8E-12	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	1.4E-02	1.7E-13	0.043399292
1.0E-03	2.8E-09	1.6E-01	1.4E-02	5.9E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	1.4E-02	1.4E-13	0.032227714
1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.3E-12	3.9E-01	1.3E-07	1.0E-03	5.5E-11	1.6E-01	1.4E-02	1.2E-13	0.024015843
1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	3.3E-01	1.3E-07	1.0E-03	4.6E-11	1.6E-01	1.4E-02	1.0E-13	0.018172474
1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12	2.9E-01	1.3E-07	1.0E-03	4.0E-11	1.6E-01	1.4E-02	8.6E-14	0.014047734
1.0E-03	8.5E-10	1.6E-01	1.4E-02	1.8E-12	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.3E-13	0.00375047
1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.5E-13	0.004847196
1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.8E-12	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.7E-13	0.00648316
1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.2E-12	1.3E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.7E-13	0.009146033
1.0E-03	5.3E-09	1.6E-01	1.4E-02	1.1E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.7E-13	0.013727712
1.0E-03	8.3E-09	1.6E-01	1.4E-02	1.8E-11	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13	0.14600384
1.0E-03	5.0E-09	1.6E-01	1.4E-02	1.1E-11	6.1E-01	1.3E-07	1.0E-03	8.4E-11	1.6E-01	1.4E-02	1.8E-13	0.086432103
1.0E-03	3.2E-09	1.6E-01	1.4E-02	6.9E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	1.4E-02	1.5E-13	0.054249388
1.0E-03	2.3E-09	1.6E-01	1.4E-02	4.9E-12	4.3E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	1.4E-02	1.3E-13	0.036475814
1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12	3.7E-01	1.3E-07	1.0E-03	5.1E-11	1.6E-01	1.4E-02	1.1E-13	0.025182447
1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	3.1E-01	1.3E-07	1.0E-03	4.4E-11	1.6E-01	1.4E-02	9.4E-14	0.018212589
1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	2.7E-01	1.3E-07	1.0E-03	3.8E-11	1.6E-01	1.4E-02	8.1E-14	0.013603022
1.0E-03	7.8E-10	1.6E-01	1.4E-02	1.7E-12	8.3E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.5E-13	0.003858226
1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12	9.0E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.7E-13	0.005027477
1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	9.4E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.8E-13	0.006791028
1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.8E-12	9.6E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.9E-13	0.009782607
1.0E-03	3.5E-09	1.6E-01	1.4E-02	7.5E-12	9.6E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.9E-13	0.015032172

1.0E-03	5.4E-09	1.6E-01	1.4E-02	1.2E-11	6.1E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	1.4E-02	1.8E-13	0.215813514
1.0E-03	3.7E-09	1.6E-01	1.4E-02	7.9E-12	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	1.4E-02	1.6E-13	0.103978815
1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.5E-12	4.6E-01	1.3E-07	1.0E-03	6.3E-11	1.6E-01	1.4E-02	1.4E-13	0.057111267
1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.1E-12	4.0E-01	1.3E-07	1.0E-03	5.5E-11	1.6E-01	1.4E-02	1.2E-13	0.035911244
1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.1E-12	3.4E-01	1.3E-07	1.0E-03	4.7E-11	1.6E-01	1.4E-02	1.0E-13	0.023639908
1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	3.0E-01	1.3E-07	1.0E-03	4.1E-11	1.6E-01	1.4E-02	8.8E-14	0.016705858
1.0E-03	8.9E-10	1.6E-01	1.4E-02	1.9E-12	2.6E-01	1.3E-07	1.0E-03	3.6E-11	1.6E-01	1.4E-02	7.7E-14	0.012308088
1.0E-03	7.0E-10	1.6E-01	1.4E-02	1.5E-12	6.5E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	1.4E-02	1.9E-13	0.003833023
1.0E-03	9.0E-10	1.6E-01	1.4E-02	1.9E-12	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	1.4E-02	2.1E-13	0.004897894
1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13	0.006719728
1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12	7.6E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13	0.009612633
1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.2E-12	7.6E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13	0.014844814
1.0E-03	3.8E-09	1.6E-01	1.4E-02	8.2E-12	5.3E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	1.4E-02	1.6E-13	0.329189359
1.0E-03	2.8E-09	1.6E-01	1.4E-02	6.1E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	1.4E-02	1.4E-13	0.097476099
1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.5E-12	4.1E-01	1.3E-07	1.0E-03	5.7E-11	1.6E-01	1.4E-02	1.2E-13	0.047727782
1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.5E-12	3.6E-01	1.3E-07	1.0E-03	5.0E-11	1.6E-01	1.4E-02	1.1E-13	0.030544178
1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.7E-12	3.2E-01	1.3E-07	1.0E-03	4.4E-11	1.6E-01	1.4E-02	9.5E-14	0.020212731
1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	2.8E-01	1.3E-07	1.0E-03	3.9E-11	1.6E-01	1.4E-02	8.3E-14	0.014251162
1.0E-03	8.1E-10	1.6E-01	1.4E-02	1.7E-12	2.4E-01	1.3E-07	1.0E-03	3.4E-11	1.6E-01	1.4E-02	7.3E-14	0.010616599
1.0E-03	6.1E-10	1.6E-01	1.4E-02	1.3E-12	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	1.4E-02	1.6E-13	0.003475586
1.0E-03	7.6E-10	1.6E-01	1.4E-02	1.6E-12	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	1.4E-02	1.7E-13	0.004445466
1.0E-03	9.8E-10	1.6E-01	1.4E-02	2.1E-12	6.0E-01	1.3E-07	1.0E-03	8.2E-11	1.6E-01	1.4E-02	1.8E-13	0.005894335
1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	6.1E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	1.4E-02	1.8E-13	0.008652613
1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.8E-12	6.2E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	1.4E-02	1.8E-13	0.0134832
1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	6.1E-01	1.3E-07	1.0E-03	8.4E-11	1.6E-01	1.4E-02	1.8E-13	0.02282691
1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.2E-12	5.8E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	1.4E-02	1.7E-13	0.047122838
1.0E-03	3.2E-09	1.6E-01	1.4E-02	6.8E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	1.4E-02	1.6E-13	0.128535666
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1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.9E-12	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	1.4E-02	1.4E-13	0.136955359
1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.8E-12	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	1.4E-02	1.2E-13	0.066613662
1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.7E-12	3.7E-01	1.3E-07	1.0E-03	5.1E-11	1.6E-01	1.4E-02	1.1E-13	0.034545375
1.0E-03	1.4E-09	1.6E-01	1.4E-02	2.9E-12	3.2E-01	1.3E-07	1.0E-03	4.5E-11	1.6E-01	1.4E-02	9.7E-14	0.022505003
1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	2.9E-01	1.3E-07	1.0E-03	4.1E-11	1.6E-01	1.4E-02	8.8E-14	0.0165749
1.0E-03	9.1E-10	1.6E-01	1.4E-02	2.0E-12	2.6E-01	1.3E-07	1.0E-03	3.6E-11	1.6E-01	1.4E-02	7.8E-14	0.011966008
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1.0E-03	5.3E-10	1.6E-01	1.4E-02	1.1E-12	4.4E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	1.4E-02	1.3E-13	0.003230946
1.0E-03	6.5E-10	1.6E-01	1.4E-02	1.4E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	1.4E-02	1.4E-13	0.00408259
1.0E-03	8.0E-10	1.6E-01	1.4E-02	1.7E-12	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	1.4E-02	1.5E-13	0.005267978
1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	5.0E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	1.4E-02	1.5E-13	0.007757494
1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	1.4E-02	1.5E-13	0.011243041
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1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.2E-12	4.9E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	1.4E-02	1.5E-13	0.029430459
1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.6E-12	4.7E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	1.4E-02	1.4E-13	0.049768721
1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.6E-12	4.4E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	1.4E-02	1.3E-13	0.066990492
1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.3E-12	4.0E-01	1.3E-07	1.0E-03	5.6E-11	1.6E-01	1.4E-02	1.2E-13	0.059265268
1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.8E-12	3.7E-01	1.3E-07	1.0E-03	5.1E-11	1.6E-01	1.4E-02	1.1E-13	0.041452243
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1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12	2.9E-01	1.3E-07	1.0E-03	4.1E-11	1.6E-01	1.4E-02	8.8E-14	0.01756365
1.0E-03	9.9E-10	1.6E-01	1.4E-02	2.1E-12	2.7E-01	1.3E-07	1.0E-03	3.7E-11	1.6E-01	1.4E-02	8.0E-14	0.013516817

1.0E-03	8.2E-10	1.6E-01	1.4E-02	1.8E-12	2.4E-01	1.3E-07	1.0E-03	3.4E-11	1.6E-01	1.4E-02	7.3E-14	0.010260361
1.0E-03	6.8E-10	1.6E-01	1.4E-02	1.5E-12	2.2E-01	1.3E-07	1.0E-03	3.0E-11	1.6E-01	1.4E-02	6.5E-14	0.007883392
1.0E-03	4.7E-10	1.6E-01	1.4E-02	1.0E-12	3.7E-01	1.3E-07	1.0E-03	5.1E-11	1.6E-01	1.4E-02	1.1E-13	0.002996624
1.0E-03	5.6E-10	1.6E-01	1.4E-02	1.2E-12	3.9E-01	1.3E-07	1.0E-03	5.4E-11	1.6E-01	1.4E-02	1.2E-13	0.003825401
1.0E-03	6.8E-10	1.6E-01	1.4E-02	1.5E-12	4.1E-01	1.3E-07	1.0E-03	5.7E-11	1.6E-01	1.4E-02	1.2E-13	0.005071591
1.0E-03	8.4E-10	1.6E-01	1.4E-02	1.8E-12	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	1.4E-02	1.3E-13	0.006678816
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1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.7E-12	4.2E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	1.4E-02	1.3E-13	0.012957522
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1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12	4.0E-01	1.3E-07	1.0E-03	5.5E-11	1.6E-01	1.4E-02	1.2E-13	0.027093169
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1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	3.5E-01	1.3E-07	1.0E-03	4.9E-11	1.6E-01	1.4E-02	1.0E-13	0.032059298
1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	3.2E-01	1.3E-07	1.0E-03	4.4E-11	1.6E-01	1.4E-02	9.6E-14	0.025134989
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1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	2.7E-01	1.3E-07	1.0E-03	3.7E-11	1.6E-01	1.4E-02	8.0E-14	0.014543997
1.0E-03	8.3E-10	1.6E-01	1.4E-02	1.8E-12	2.4E-01	1.3E-07	1.0E-03	3.3E-11	1.6E-01	1.4E-02	7.2E-14	0.010659544
1.0E-03	7.4E-10	1.6E-01	1.4E-02	1.6E-12	2.3E-01	1.3E-07	1.0E-03	3.1E-11	1.6E-01	1.4E-02	6.7E-14	0.008888059
1.0E-03	6.3E-10	1.6E-01	1.4E-02	1.4E-12	2.1E-01	1.3E-07	1.0E-03	2.8E-11	1.6E-01	1.4E-02	6.1E-14	0.007038789
1.0E-03	4.1E-10	1.6E-01	1.4E-02	8.8E-13	3.1E-01	1.3E-07	1.0E-03	4.3E-11	1.6E-01	1.4E-02	9.4E-14	0.002935258
1.0E-03	4.8E-10	1.6E-01	1.4E-02	1.0E-12	3.3E-01	1.3E-07	1.0E-03	4.6E-11	1.6E-01	1.4E-02	9.9E-14	0.003583261
1.0E-03	5.7E-10	1.6E-01	1.4E-02	1.2E-12	3.5E-01	1.3E-07	1.0E-03	4.8E-11	1.6E-01	1.4E-02	1.0E-13	0.004451433
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1.0E-03	8.2E-10	1.6E-01	1.4E-02	1.8E-12	3.6E-01	1.3E-07	1.0E-03	5.0E-11	1.6E-01	1.4E-02	1.1E-13	0.007309605
1.0E-03	9.6E-10	1.6E-01	1.4E-02	2.1E-12	3.6E-01	1.3E-07	1.0E-03	5.0E-11	1.6E-01	1.4E-02	1.1E-13	0.009893919
1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12	3.5E-01	1.3E-07	1.0E-03	4.9E-11	1.6E-01	1.4E-02	1.1E-13	0.013450357
1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12	3.4E-01	1.3E-07	1.0E-03	4.7E-11	1.6E-01	1.4E-02	1.0E-13	0.017121398
1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12	3.3E-01	1.3E-07	1.0E-03	4.5E-11	1.6E-01	1.4E-02	9.8E-14	0.019851633
1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.5E-12	3.1E-01	1.3E-07	1.0E-03	4.3E-11	1.6E-01	1.4E-02	9.2E-14	0.020027437
1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12	2.9E-01	1.3E-07	1.0E-03	4.0E-11	1.6E-01	1.4E-02	8.7E-14	0.018362243
1.0E-03	9.9E-10	1.6E-01	1.4E-02	2.1E-12	2.7E-01	1.3E-07	1.0E-03	3.8E-11	1.6E-01	1.4E-02	8.1E-14	0.015503862
1.0E-03	8.8E-10	1.6E-01	1.4E-02	1.9E-12	2.5E-01	1.3E-07	1.0E-03	3.5E-11	1.6E-01	1.4E-02	7.5E-14	0.012424792
1.0E-03	7.2E-10	1.6E-01	1.4E-02	1.6E-12	2.2E-01	1.3E-07	1.0E-03	3.1E-11	1.6E-01	1.4E-02	6.6E-14	0.009050507
1.0E-03	6.3E-10	1.6E-01	1.4E-02	1.3E-12	2.0E-01	1.3E-07	1.0E-03	2.8E-11	1.6E-01	1.4E-02	6.0E-14	0.007222795
1.0E-03	5.7E-10	1.6E-01	1.4E-02	1.2E-12	1.9E-01	1.3E-07	1.0E-03	2.7E-11	1.6E-01	1.4E-02	5.7E-14	0.006315628
1.0E-03	3.6E-10	1.6E-01	1.4E-02	7.8E-13	2.7E-01	1.3E-07	1.0E-03	3.8E-11	1.6E-01	1.4E-02	8.1E-14	0.002694875
1.0E-03	4.2E-10	1.6E-01	1.4E-02	9.1E-13	2.9E-01	1.3E-07	1.0E-03	4.0E-11	1.6E-01	1.4E-02	8.5E-14	0.003204334
1.0E-03	4.9E-10	1.6E-01	1.4E-02	1.1E-12	3.0E-01	1.3E-07	1.0E-03	4.1E-11	1.6E-01	1.4E-02	8.9E-14	0.003866838
1.0E-03	5.8E-10	1.6E-01	1.4E-02	1.2E-12	3.1E-01	1.3E-07	1.0E-03	4.2E-11	1.6E-01	1.4E-02	9.1E-14	0.004764608
1.0E-03	6.7E-10	1.6E-01	1.4E-02	1.4E-12	3.1E-01	1.3E-07	1.0E-03	4.3E-11	1.6E-01	1.4E-02	9.3E-14	0.005999428
1.0E-03	7.6E-10	1.6E-01	1.4E-02	1.6E-12	3.1E-01	1.3E-07	1.0E-03	4.3E-11	1.6E-01	1.4E-02	9.3E-14	0.007694102
1.0E-03	8.5E-10	1.6E-01	1.4E-02	1.8E-12	3.1E-01	1.3E-07	1.0E-03	4.2E-11	1.6E-01	1.4E-02	9.1E-14	0.009754204
1.0E-03	9.0E-10	1.6E-01	1.4E-02	1.9E-12	3.0E-01	1.3E-07	1.0E-03	4.1E-11	1.6E-01	1.4E-02	8.9E-14	0.011863363
1.0E-03	9.3E-10	1.6E-01	1.4E-02	2.0E-12	2.9E-01	1.3E-07	1.0E-03	4.0E-11	1.6E-01	1.4E-02	8.6E-14	0.013411861
1.0E-03	9.2E-10	1.6E-01	1.4E-02	2.0E-12	2.7E-01	1.3E-07	1.0E-03	3.8E-11	1.6E-01	1.4E-02	8.2E-14	0.013869465
1.0E-03	8.8E-10	1.6E-01	1.4E-02	1.9E-12	2.6E-01	1.3E-07	1.0E-03	3.6E-11	1.6E-01	1.4E-02	7.8E-14	0.013263828
1.0E-03	8.2E-10	1.6E-01	1.4E-02	1.8E-12	2.4E-01	1.3E-07	1.0E-03	3.4E-11	1.6E-01	1.4E-02	7.3E-14	0.011817152
1.0E-03	7.5E-10	1.6E-01	1.4E-02	1.6E-12	2.3E-01	1.3E-07	1.0E-03	3.2E-11	1.6E-01	1.4E-02	6.8E-14	0.010046722
1.0E-03	6.7E-10	1.6E-01	1.4E-02	1.4E-12	2.1E-01	1.3E-07	1.0E-03	2.9E-11	1.6E-01	1.4E-02	6.3E-14	0.008304774
1.0E-03	5.6E-10	1.6E-01	1.4E-02	1.2E-12	1.9E-01	1.3E-07	1.0E-03	2.6E-11	1.6E-01	1.4E-02	5.6E-14	0.006311141

1.0E-03	4.9E-10	1.6E-01	1.4E-02	1.1E-12	1.7E-01	1.3E-07	1.0E-03	2.4E-11	1.6E-01	1.4E-02	5.1E-14	0.005244234
1.0E-03	3.2E-10	1.6E-01	1.4E-02	6.9E-13	2.4E-01	1.3E-07	1.0E-03	3.3E-11	1.6E-01	1.4E-02	7.1E-14	0.002390729
1.0E-03	3.7E-10	1.6E-01	1.4E-02	7.9E-13	2.5E-01	1.3E-07	1.0E-03	3.5E-11	1.6E-01	1.4E-02	7.4E-14	0.002823102
1.0E-03	4.2E-10	1.6E-01	1.4E-02	9.1E-13	2.6E-01	1.3E-07	1.0E-03	3.6E-11	1.6E-01	1.4E-02	7.7E-14	0.003346547
1.0E-03	4.9E-10	1.6E-01	1.4E-02	1.0E-12	2.7E-01	1.3E-07	1.0E-03	3.7E-11	1.6E-01	1.4E-02	7.9E-14	0.004010498
1.0E-03	5.6E-10	1.6E-01	1.4E-02	1.2E-12	2.7E-01	1.3E-07	1.0E-03	3.7E-11	1.6E-01	1.4E-02	8.0E-14	0.004931678
1.0E-03	6.2E-10	1.6E-01	1.4E-02	1.3E-12	2.7E-01	1.3E-07	1.0E-03	3.7E-11	1.6E-01	1.4E-02	8.1E-14	0.006047164
1.0E-03	6.8E-10	1.6E-01	1.4E-02	1.5E-12	2.7E-01	1.3E-07	1.0E-03	3.7E-11	1.6E-01	1.4E-02	8.0E-14	0.007393765
1.0E-03	7.3E-10	1.6E-01	1.4E-02	1.6E-12	2.6E-01	1.3E-07	1.0E-03	3.6E-11	1.6E-01	1.4E-02	7.8E-14	0.008694682
1.0E-03	7.5E-10	1.6E-01	1.4E-02	1.6E-12	2.5E-01	1.3E-07	1.0E-03	3.5E-11	1.6E-01	1.4E-02	7.6E-14	0.009660077
1.0E-03	7.5E-10	1.6E-01	1.4E-02	1.6E-12	2.4E-01	1.3E-07	1.0E-03	3.4E-11	1.6E-01	1.4E-02	7.3E-14	0.010062337
1.0E-03	7.2E-10	1.6E-01	1.4E-02	1.6E-12	2.3E-01	1.3E-07	1.0E-03	3.2E-11	1.6E-01	1.4E-02	7.0E-14	0.009852291
1.0E-03	6.9E-10	1.6E-01	1.4E-02	1.5E-12	2.2E-01	1.3E-07	1.0E-03	3.1E-11	1.6E-01	1.4E-02	6.6E-14	0.009135851
1.0E-03	6.4E-10	1.6E-01	1.4E-02	1.4E-12	2.1E-01	1.3E-07	1.0E-03	2.9E-11	1.6E-01	1.4E-02	6.2E-14	0.008133339
1.0E-03	5.9E-10	1.6E-01	1.4E-02	1.3E-12	1.9E-01	1.3E-07	1.0E-03	2.7E-11	1.6E-01	1.4E-02	5.8E-14	0.007037267
1.0E-03	5.2E-10	1.6E-01	1.4E-02	1.1E-12	1.8E-01	1.3E-07	1.0E-03	2.5E-11	1.6E-01	1.4E-02	5.3E-14	0.005883591
1.0E-03	4.4E-10	1.6E-01	1.4E-02	9.5E-13	1.6E-01	1.3E-07	1.0E-03	2.2E-11	1.6E-01	1.4E-02	4.8E-14	0.004656514
1.0E-03	2.9E-10	1.6E-01	1.4E-02	6.2E-13	2.1E-01	1.3E-07	1.0E-03	2.9E-11	1.6E-01	1.4E-02	6.2E-14	0.002166673
1.0E-03	3.2E-10	1.6E-01	1.4E-02	7.0E-13	2.2E-01	1.3E-07	1.0E-03	3.0E-11	1.6E-01	1.4E-02	6.5E-14	0.002494323
1.0E-03	3.7E-10	1.6E-01	1.4E-02	7.9E-13	2.3E-01	1.3E-07	1.0E-03	3.1E-11	1.6E-01	1.4E-02	6.8E-14	0.002914161
1.0E-03	4.2E-10	1.6E-01	1.4E-02	9.0E-13	2.3E-01	1.3E-07	1.0E-03	3.2E-11	1.6E-01	1.4E-02	6.9E-14	0.003449612
1.0E-03	4.7E-10	1.6E-01	1.4E-02	1.0E-12	2.4E-01	1.3E-07	1.0E-03	3.3E-11	1.6E-01	1.4E-02	7.0E-14	0.004117409
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1.0E-03	5.6E-10	1.6E-01	1.4E-02	1.2E-12	2.4E-01	1.3E-07	1.0E-03	3.3E-11	1.6E-01	1.4E-02	7.0E-14	0.005812083
1.0E-03	6.0E-10	1.6E-01	1.4E-02	1.3E-12	2.3E-01	1.3E-07	1.0E-03	3.2E-11	1.6E-01	1.4E-02	6.9E-14	0.006661629
1.0E-03	6.1E-10	1.6E-01	1.4E-02	1.3E-12	2.3E-01	1.3E-07	1.0E-03	3.1E-11	1.6E-01	1.4E-02	6.7E-14	0.007296247
1.0E-03	6.2E-10	1.6E-01	1.4E-02	1.3E-12	2.2E-01	1.3E-07	1.0E-03	3.0E-11	1.6E-01	1.4E-02	6.5E-14	0.007611314
1.0E-03	6.0E-10	1.6E-01	1.4E-02	1.3E-12	2.1E-01	1.3E-07	1.0E-03	2.9E-11	1.6E-01	1.4E-02	6.3E-14	0.00756761
1.0E-03	5.8E-10	1.6E-01	1.4E-02	1.2E-12	2.0E-01	1.3E-07	1.0E-03	2.8E-11	1.6E-01	1.4E-02	6.0E-14	0.007206422
1.0E-03	5.5E-10	1.6E-01	1.4E-02	1.2E-12	1.9E-01	1.3E-07	1.0E-03	2.6E-11	1.6E-01	1.4E-02	5.7E-14	0.006618127
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1.0E-03	4.6E-10	1.6E-01	1.4E-02	1.0E-12	1.7E-01	1.3E-07	1.0E-03	2.3E-11	1.6E-01	1.4E-02	5.0E-14	0.005150989
1.0E-03	4.0E-10	1.6E-01	1.4E-02	8.6E-13	1.5E-01	1.3E-07	1.0E-03	2.1E-11	1.6E-01	1.4E-02	4.5E-14	0.004195058
1.0E-03	1.8E-08	1.6E-01	1.4E-02	3.9E-11	2.2E+00	1.3E-07	1.0E-03	3.0E-10	1.6E-01	1.4E-02	6.6E-13	0.012130256
1.0E-03	2.4E-08	1.6E-01	1.4E-02	5.1E-11	2.2E+00	1.3E-07	1.0E-03	3.0E-10	1.6E-01	1.4E-02	6.4E-13	0.012847566
1.0E-03	3.1E-08	1.6E-01	1.4E-02	6.7E-11	2.1E+00	1.3E-07	1.0E-03	2.9E-10	1.6E-01	1.4E-02	6.3E-13	0.013647538
1.0E-03	4.1E-08	1.6E-01	1.4E-02	8.8E-11	2.1E+00	1.3E-07	1.0E-03	2.8E-10	1.6E-01	1.4E-02	6.1E-13	0.014516595
1.0E-03	5.5E-08	1.6E-01	1.4E-02	1.2E-10	2.0E+00	1.3E-07	1.0E-03	2.8E-10	1.6E-01	1.4E-02	6.0E-13	0.015536383
1.0E-03	6.9E-08	1.6E-01	1.4E-02	1.5E-10	1.9E+00	1.3E-07	1.0E-03	2.7E-10	1.6E-01	1.4E-02	5.8E-13	0.016571175
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1.0E-03	8.8E-08	1.6E-01	1.4E-02	1.9E-10	1.8E+00	1.3E-07	1.0E-03	2.5E-10	1.6E-01	1.4E-02	5.4E-13	0.018495772
1.0E-03	9.0E-08	1.6E-01	1.4E-02	1.9E-10	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	1.4E-02	5.2E-13	0.019530593
1.0E-03	8.7E-08	1.6E-01	1.4E-02	1.9E-10	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	5.0E-13	0.020701299
1.0E-03	7.8E-08	1.6E-01	1.4E-02	1.7E-10	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.8E-13	0.022012623
1.0E-03	6.6E-08	1.6E-01	1.4E-02	1.4E-10	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.6E-13	0.023047807
1.0E-03	5.4E-08	1.6E-01	1.4E-02	1.2E-10	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.4E-13	0.024233446
1.0E-03	4.5E-08	1.6E-01	1.4E-02	9.6E-11	1.4E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.2E-13	0.025539043
1.0E-03	3.7E-08	1.6E-01	1.4E-02	7.9E-11	1.3E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	1.4E-02	4.0E-13	0.027070989
1.0E-03	3.1E-08	1.6E-01	1.4E-02	6.6E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.8E-13	0.02828201

1.0E-03	2.6E-08	1.6E-01	1.4E-02	5.6E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.7E-13	0.029878817
1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.7E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.5E-13	0.031549765
1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.0E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.3E-13	0.032852814
1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.1E-13	0.033720549
1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.0E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.0E-13	0.034302858
1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.7E-11	9.5E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.8E-13	0.034606381
1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11	9.1E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.7E-13	0.034794615
1.0E-03	9.7E-09	1.6E-01	1.4E-02	2.1E-11	8.7E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.6E-13	0.034763879
1.0E-03	8.6E-09	1.6E-01	1.4E-02	1.9E-11	8.3E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.5E-13	0.03451565
1.0E-03	7.8E-09	1.6E-01	1.4E-02	1.7E-11	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13	0.03411968
1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.5E-11	2.0E+00	1.3E-07	1.0E-03	2.8E-10	1.6E-01	1.4E-02	6.1E-13	0.013008905
1.0E-03	2.8E-08	1.6E-01	1.4E-02	6.0E-11	2.0E+00	1.3E-07	1.0E-03	2.8E-10	1.6E-01	1.4E-02	6.0E-13	0.013827406
1.0E-03	3.9E-08	1.6E-01	1.4E-02	8.3E-11	2.0E+00	1.3E-07	1.0E-03	2.7E-10	1.6E-01	1.4E-02	5.8E-13	0.014751935
1.0E-03	5.5E-08	1.6E-01	1.4E-02	1.2E-10	1.9E+00	1.3E-07	1.0E-03	2.7E-10	1.6E-01	1.4E-02	5.7E-13	0.015779619
1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.2E-11	1.9E+00	1.3E-07	1.0E-03	2.6E-10	1.6E-01	1.4E-02	5.6E-13	0.016936763
1.0E-03	2.8E-08	1.6E-01	1.4E-02	6.0E-11	1.8E+00	1.3E-07	1.0E-03	2.5E-10	1.6E-01	1.4E-02	5.4E-13	0.018160126
1.0E-03	4.1E-08	1.6E-01	1.4E-02	8.8E-11	1.8E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	1.4E-02	5.2E-13	0.019294306
1.0E-03	6.0E-08	1.6E-01	1.4E-02	1.3E-10	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	1.4E-02	5.1E-13	0.020502669
1.0E-03	6.1E-08	1.6E-01	1.4E-02	1.3E-10	1.6E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	4.9E-13	0.021811596
1.0E-03	4.5E-08	1.6E-01	1.4E-02	9.7E-11	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.7E-13	0.023260218
1.0E-03	3.4E-08	1.6E-01	1.4E-02	7.3E-11	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.5E-13	0.024867226
1.0E-03	8.8E-08	1.6E-01	1.4E-02	1.9E-10	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.4E-13	0.02621762
1.0E-03	6.7E-08	1.6E-01	1.4E-02	1.4E-10	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	1.4E-02	4.2E-13	0.02765012
1.0E-03	5.2E-08	1.6E-01	1.4E-02	1.1E-10	1.3E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	1.4E-02	4.0E-13	0.029280259
1.0E-03	4.1E-08	1.6E-01	1.4E-02	8.8E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.8E-13	0.031336184
1.0E-03	3.3E-08	1.6E-01	1.4E-02	7.1E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.7E-13	0.032901064
1.0E-03	2.7E-08	1.6E-01	1.4E-02	5.9E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.5E-13	0.034745078
1.0E-03	2.3E-08	1.6E-01	1.4E-02	4.9E-11	1.1E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.3E-13	0.036620168
1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.1E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.2E-13	0.038096164
1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.0E-13	0.038968205
1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.0E-11	9.7E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.9E-13	0.039424573
1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.8E-13	0.039557027
1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11	8.8E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.6E-13	0.039528914
1.0E-03	9.6E-09	1.6E-01	1.4E-02	2.1E-11	8.4E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.5E-13	0.039210695
1.0E-03	8.5E-09	1.6E-01	1.4E-02	1.8E-11	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13	0.038665571
1.0E-03	7.6E-09	1.6E-01	1.4E-02	1.6E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13	0.037968428
1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.0E-11	1.9E+00	1.3E-07	1.0E-03	2.6E-10	1.6E-01	1.4E-02	5.7E-13	0.013970061
1.0E-03	3.2E-08	1.6E-01	1.4E-02	6.9E-11	1.9E+00	1.3E-07	1.0E-03	2.6E-10	1.6E-01	1.4E-02	5.6E-13	0.014929713
1.0E-03	4.7E-08	1.6E-01	1.4E-02	1.0E-10	1.8E+00	1.3E-07	1.0E-03	2.5E-10	1.6E-01	1.4E-02	5.5E-13	0.016026237
1.0E-03	7.3E-08	1.6E-01	1.4E-02	1.6E-10	1.8E+00	1.3E-07	1.0E-03	2.5E-10	1.6E-01	1.4E-02	5.3E-13	0.01724994
1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.0E-11	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	1.4E-02	5.2E-13	0.01857954
1.0E-03	3.5E-08	1.6E-01	1.4E-02	7.5E-11	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	1.4E-02	5.1E-13	0.020061238
1.0E-03	5.6E-08	1.6E-01	1.4E-02	1.2E-10	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	4.9E-13	0.02144088
1.0E-03	0.0E+00	1.6E-01	1.4E-02	0.0E+00	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.8E-13	0.022883791
1.0E-03	0.0E+00	1.6E-01	1.4E-02	0.0E+00	1.6E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.6E-13	0.024538705
1.0E-03	5.6E-08	1.6E-01	1.4E-02	1.2E-10	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.5E-13	0.026456555
1.0E-03	3.9E-08	1.6E-01	1.4E-02	8.4E-11	1.4E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.3E-13	0.02848069
1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.2E-11	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	1.4E-02	4.1E-13	0.030115125
1.0E-03	7.9E-08	1.6E-01	1.4E-02	1.7E-10	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	4.0E-13	0.032077824

1.0E-03	5.7E-08	1.6E-01	1.4E-02	1.2E-10	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.8E-13	0.034108904
1.0E-03	4.3E-08	1.6E-01	1.4E-02	9.4E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.7E-13	0.03672807
1.0E-03	3.4E-08	1.6E-01	1.4E-02	7.4E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.5E-13	0.038788499
1.0E-03	2.8E-08	1.6E-01	1.4E-02	6.0E-11	1.1E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.4E-13	0.040942267
1.0E-03	2.3E-08	1.6E-01	1.4E-02	4.9E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.2E-13	0.043087297
1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.1E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.1E-13	0.044613526
1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11	9.8E-01	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	2.9E-13	0.045352011
1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.0E-11	9.4E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.8E-13	0.045555189
1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11	9.0E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.7E-13	0.045403973
1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11	8.6E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.5E-13	0.044996742
1.0E-03	9.4E-09	1.6E-01	1.4E-02	2.0E-11	8.2E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13	0.044282522
1.0E-03	8.3E-09	1.6E-01	1.4E-02	1.8E-11	7.8E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13	0.043341925
1.0E-03	7.4E-09	1.6E-01	1.4E-02	1.6E-11	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13	0.042252057
1.0E-03	2.4E-08	1.6E-01	1.4E-02	5.3E-11	1.8E+00	1.3E-07	1.0E-03	2.5E-10	1.6E-01	1.4E-02	5.3E-13	0.014980658
1.0E-03	3.5E-08	1.6E-01	1.4E-02	7.5E-11	1.8E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	1.4E-02	5.2E-13	0.016153575
1.0E-03	5.3E-08	1.6E-01	1.4E-02	1.1E-10	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	1.4E-02	5.1E-13	0.017466802
1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.6E-11	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	5.0E-13	0.018836735
1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.5E-11	1.6E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	4.9E-13	0.020452427
1.0E-03	4.0E-08	1.6E-01	1.4E-02	8.6E-11	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.8E-13	0.022243865
1.0E-03	0.0E+00	1.6E-01	1.4E-02	0.0E+00	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.6E-13	0.0239676
1.0E-03	0.0E+00	1.6E-01	1.4E-02	0.0E+00	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.5E-13	0.025953465
1.0E-03	0.0E+00	1.6E-01	1.4E-02	0.0E+00	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.4E-13	0.028082892
1.0E-03	6.4E-08	1.6E-01	1.4E-02	1.4E-10	1.4E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.2E-13	0.030467112
1.0E-03	4.1E-08	1.6E-01	1.4E-02	8.9E-11	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	1.4E-02	4.1E-13	0.032920971
1.0E-03	3.0E-08	1.6E-01	1.4E-02	6.4E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.9E-13	0.035209875
1.0E-03	8.8E-08	1.6E-01	1.4E-02	1.9E-10	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.8E-13	0.03779864
1.0E-03	6.0E-08	1.6E-01	1.4E-02	1.3E-10	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.6E-13	0.040504155
1.0E-03	4.4E-08	1.6E-01	1.4E-02	9.5E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.5E-13	0.043591169
1.0E-03	3.4E-08	1.6E-01	1.4E-02	7.4E-11	1.1E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.4E-13	0.046393522
1.0E-03	2.8E-08	1.6E-01	1.4E-02	5.9E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.2E-13	0.049014264
1.0E-03	2.3E-08	1.6E-01	1.4E-02	4.9E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.1E-13	0.051367315
1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.1E-11	9.9E-01	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.0E-13	0.052760121
1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.4E-11	9.5E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.8E-13	0.05319359
1.0E-03	1.4E-08	1.6E-01	1.4E-02	2.9E-11	9.1E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.7E-13	0.052939603
1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.5E-11	8.7E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.6E-13	0.052297261
1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11	8.3E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.5E-13	0.05129485
1.0E-03	9.1E-09	1.6E-01	1.4E-02	2.0E-11	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13	0.050014819
1.0E-03	8.1E-09	1.6E-01	1.4E-02	1.7E-11	7.6E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13	0.048544462
1.0E-03	7.2E-09	1.6E-01	1.4E-02	1.6E-11	7.3E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13	0.046942593
1.0E-03	2.4E-08	1.6E-01	1.4E-02	5.3E-11	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	5.0E-13	0.016030895
1.0E-03	3.5E-08	1.6E-01	1.4E-02	7.6E-11	1.6E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	4.9E-13	0.017425682
1.0E-03	5.4E-08	1.6E-01	1.4E-02	1.2E-10	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.8E-13	0.018980389
1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.7E-11	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.7E-13	0.02063155
1.0E-03	2.6E-08	1.6E-01	1.4E-02	5.5E-11	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.6E-13	0.022603941
1.0E-03	2.6E-08	1.6E-01	1.4E-02	5.7E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.1E-13	0.059714479
1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.7E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.0E-13	0.061981832
1.0E-03	1.8E-08	1.6E-01	1.4E-02	3.9E-11	9.5E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.8E-13	0.063005198
1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.7E-13	0.062781759
1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.8E-11	8.8E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.6E-13	0.061782881

1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11	8.4E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.5E-13	0.060283839
1.0E-03	9.9E-09	1.6E-01	1.4E-02	2.1E-11	8.1E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13	0.058449004
1.0E-03	8.7E-09	1.6E-01	1.4E-02	1.9E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13	0.05641267
1.0E-03	7.7E-09	1.6E-01	1.4E-02	1.7E-11	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13	0.054249509
1.0E-03	6.9E-09	1.6E-01	1.4E-02	1.5E-11	7.1E-01	1.3E-07	1.0E-03	9.8E-11	1.6E-01	1.4E-02	2.1E-13	0.052000482
1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.0E-11	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.7E-13	0.017215196
1.0E-03	3.3E-08	1.6E-01	1.4E-02	7.1E-11	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.6E-13	0.018770041
1.0E-03	4.9E-08	1.6E-01	1.4E-02	1.0E-10	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.5E-13	0.02056719
1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.4E-13	0.022525839
1.0E-03	2.4E-08	1.6E-01	1.4E-02	5.1E-11	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.3E-13	0.024941244
1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.3E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.0E-13	0.073985526
1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.4E-11	9.6E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.9E-13	0.075851541
1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.6E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.7E-13	0.075917799
1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.1E-11	8.8E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.6E-13	0.074454669
1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.7E-11	8.5E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.5E-13	0.072148208
1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11	8.1E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13	0.069444871
1.0E-03	9.4E-09	1.6E-01	1.4E-02	2.0E-11	7.8E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13	0.066452716
1.0E-03	8.3E-09	1.6E-01	1.4E-02	1.8E-11	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13	0.063394558
1.0E-03	7.4E-09	1.6E-01	1.4E-02	1.6E-11	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.1E-13	0.060371857
1.0E-03	6.6E-09	1.6E-01	1.4E-02	1.4E-11	6.9E-01	1.3E-07	1.0E-03	9.6E-11	1.6E-01	1.4E-02	2.1E-13	0.057341028
1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.6E-11	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.4E-13	0.018321994
1.0E-03	2.8E-08	1.6E-01	1.4E-02	6.1E-11	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.3E-13	0.020011435
1.0E-03	4.0E-08	1.6E-01	1.4E-02	8.6E-11	1.4E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.3E-13	0.022062142
1.0E-03	5.8E-08	1.6E-01	1.4E-02	1.2E-10	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	1.4E-02	4.2E-13	0.024425194
1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.2E-11	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	1.4E-02	4.1E-13	0.027164157
1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.8E-11	9.6E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.9E-13	0.093541496
1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.0E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.8E-13	0.093988946
1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.4E-11	8.9E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.6E-13	0.092141971
1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.9E-11	8.5E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.5E-13	0.088558153
1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.5E-11	8.2E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13	0.084272328
1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13	0.07990042
1.0E-03	8.8E-09	1.6E-01	1.4E-02	1.9E-11	7.6E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13	0.075396431
1.0E-03	7.8E-09	1.6E-01	1.4E-02	1.7E-11	7.3E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13	0.070898728
1.0E-03	7.0E-09	1.6E-01	1.4E-02	1.5E-11	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	1.4E-02	2.1E-13	0.066839098
1.0E-03	6.2E-09	1.6E-01	1.4E-02	1.3E-11	6.7E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	1.4E-02	2.0E-13	0.062933362
1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.0E-11	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	1.4E-02	4.2E-13	0.01950416
1.0E-03	2.4E-08	1.6E-01	1.4E-02	5.2E-11	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	1.4E-02	4.1E-13	0.021475485
1.0E-03	3.2E-08	1.6E-01	1.4E-02	6.9E-11	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	1.4E-02	4.0E-13	0.023824985
1.0E-03	4.2E-08	1.6E-01	1.4E-02	9.1E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	4.0E-13	0.026556089
1.0E-03	5.6E-08	1.6E-01	1.4E-02	1.2E-10	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.9E-13	0.029934449
1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.2E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.7E-13	0.121421761
1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.6E-11	8.9E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.7E-13	0.11795956
1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.1E-11	8.6E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.6E-13	0.112169452
1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11	8.3E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.5E-13	0.105157438
1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13	0.098141577
1.0E-03	9.4E-09	1.6E-01	1.4E-02	2.0E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13	0.091408651
1.0E-03	8.3E-09	1.6E-01	1.4E-02	1.8E-11	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13	0.085110147
1.0E-03	7.3E-09	1.6E-01	1.4E-02	1.6E-11	7.1E-01	1.3E-07	1.0E-03	9.8E-11	1.6E-01	1.4E-02	2.1E-13	0.078992181
1.0E-03	6.6E-09	1.6E-01	1.4E-02	1.4E-11	6.8E-01	1.3E-07	1.0E-03	9.4E-11	1.6E-01	1.4E-02	2.0E-13	0.073613075

1.0E-03	5.9E-09	1.6E-01	1.4E-02	1.3E-11	6.6E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	1.4E-02	2.0E-13	0.068709875
1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.9E-13	0.020701919
1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.3E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.9E-13	0.022961241
1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.4E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.8E-13	0.025664395
1.0E-03	3.1E-08	1.6E-01	1.4E-02	6.8E-11	1.3E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.8E-13	0.028779382
1.0E-03	3.9E-08	1.6E-01	1.4E-02	8.4E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.7E-13	0.03285698
1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.7E-11	8.9E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.6E-13	0.160217395
1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.2E-11	8.6E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.6E-13	0.148749245
1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.8E-11	8.3E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.5E-13	0.136099277
1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13	0.124116426
1.0E-03	9.9E-09	1.6E-01	1.4E-02	2.1E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13	0.11336935
1.0E-03	8.7E-09	1.6E-01	1.4E-02	1.9E-11	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13	0.103805953
1.0E-03	7.7E-09	1.6E-01	1.4E-02	1.7E-11	7.2E-01	1.3E-07	1.0E-03	9.9E-11	1.6E-01	1.4E-02	2.1E-13	0.095449367
1.0E-03	6.9E-09	1.6E-01	1.4E-02	1.5E-11	6.9E-01	1.3E-07	1.0E-03	9.5E-11	1.6E-01	1.4E-02	2.1E-13	0.087688249
1.0E-03	6.2E-09	1.6E-01	1.4E-02	1.3E-11	6.6E-01	1.3E-07	1.0E-03	9.2E-11	1.6E-01	1.4E-02	2.0E-13	0.080685662
1.0E-03	5.6E-09	1.6E-01	1.4E-02	1.2E-11	6.4E-01	1.3E-07	1.0E-03	8.9E-11	1.6E-01	1.4E-02	1.9E-13	0.074552053
1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.0E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.7E-13	0.021885069
1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.6E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.7E-13	0.024450207
1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.4E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.6E-13	0.027597291
1.0E-03	2.4E-08	1.6E-01	1.4E-02	5.2E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.6E-13	0.031239827
1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.2E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.5E-13	0.036017264
1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11	8.5E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.5E-13	0.21106929
1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.9E-11	8.3E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.5E-13	0.185502858
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1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13	0.144634845
1.0E-03	9.0E-09	1.6E-01	1.4E-02	1.9E-11	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13	0.129456796
1.0E-03	8.0E-09	1.6E-01	1.4E-02	1.7E-11	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.1E-13	0.116859523
1.0E-03	7.2E-09	1.6E-01	1.4E-02	1.5E-11	7.0E-01	1.3E-07	1.0E-03	9.6E-11	1.6E-01	1.4E-02	2.1E-13	0.106128825
1.0E-03	6.5E-09	1.6E-01	1.4E-02	1.4E-11	6.7E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	1.4E-02	2.0E-13	0.096651858
1.0E-03	5.8E-09	1.6E-01	1.4E-02	1.2E-11	6.5E-01	1.3E-07	1.0E-03	8.9E-11	1.6E-01	1.4E-02	1.9E-13	0.087977137
1.0E-03	5.3E-09	1.6E-01	1.4E-02	1.1E-11	6.2E-01	1.3E-07	1.0E-03	8.6E-11	1.6E-01	1.4E-02	1.9E-13	0.080462149
1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.5E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.5E-13	0.023003186
1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.0E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.5E-13	0.025869507
1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.4E-13	0.029303865
1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.1E-11	1.1E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.4E-13	0.033624415
1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.8E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.3E-13	0.039337711
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1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.5E-11	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13	0.224598574
1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13	0.190767078
1.0E-03	9.3E-09	1.6E-01	1.4E-02	2.0E-11	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13	0.165651079
1.0E-03	8.3E-09	1.6E-01	1.4E-02	1.8E-11	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13	0.14600384
1.0E-03	7.4E-09	1.6E-01	1.4E-02	1.6E-11	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	1.4E-02	2.1E-13	0.130197063
1.0E-03	6.7E-09	1.6E-01	1.4E-02	1.4E-11	6.8E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	1.4E-02	2.0E-13	0.116894921
1.0E-03	6.0E-09	1.6E-01	1.4E-02	1.3E-11	6.5E-01	1.3E-07	1.0E-03	9.0E-11	1.6E-01	1.4E-02	1.9E-13	0.105528631
1.0E-03	5.5E-09	1.6E-01	1.4E-02	1.2E-11	6.3E-01	1.3E-07	1.0E-03	8.7E-11	1.6E-01	1.4E-02	1.9E-13	0.095518583
1.0E-03	5.0E-09	1.6E-01	1.4E-02	1.1E-11	6.1E-01	1.3E-07	1.0E-03	8.4E-11	1.6E-01	1.4E-02	1.8E-13	0.086432103
1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11	1.1E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.3E-13	0.024057542
1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.5E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.3E-13	0.027247422
1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.9E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.3E-13	0.031087939

1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.2E-13	0.036092727
1.0E-03	1.8E-08	1.6E-01	1.4E-02	3.8E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.2E-13	0.042726408
1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.5E-11	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13	0.323362956
1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.3E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13	0.260829542
1.0E-03	9.4E-09	1.6E-01	1.4E-02	2.0E-11	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13	0.21729325
1.0E-03	8.5E-09	1.6E-01	1.4E-02	1.8E-11	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13	0.186131719
1.0E-03	7.6E-09	1.6E-01	1.4E-02	1.6E-11	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	1.4E-02	2.1E-13	0.162373402
1.0E-03	6.9E-09	1.6E-01	1.4E-02	1.5E-11	6.8E-01	1.3E-07	1.0E-03	9.4E-11	1.6E-01	1.4E-02	2.0E-13	0.143483603
1.0E-03	6.2E-09	1.6E-01	1.4E-02	1.3E-11	6.6E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	1.4E-02	2.0E-13	0.127379379
1.0E-03	5.6E-09	1.6E-01	1.4E-02	1.2E-11	6.3E-01	1.3E-07	1.0E-03	8.8E-11	1.6E-01	1.4E-02	1.9E-13	0.114136371
1.0E-03	5.1E-09	1.6E-01	1.4E-02	1.1E-11	6.1E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	1.4E-02	1.8E-13	0.102676573
1.0E-03	4.7E-09	1.6E-01	1.4E-02	1.0E-11	5.9E-01	1.3E-07	1.0E-03	8.2E-11	1.6E-01	1.4E-02	1.8E-13	0.092235755
1.0E-03	8.7E-09	1.6E-01	1.4E-02	1.9E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.2E-13	0.025098523
1.0E-03	9.9E-09	1.6E-01	1.4E-02	2.1E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.1E-13	0.028598677
1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.1E-13	0.032989065
1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.8E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.1E-13	0.038663638
1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.1E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.0E-13	0.04611438
1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13	0.36428207
1.0E-03	9.4E-09	1.6E-01	1.4E-02	2.0E-11	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13	0.291022846
1.0E-03	8.5E-09	1.6E-01	1.4E-02	1.8E-11	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.1E-13	0.24172237
1.0E-03	7.7E-09	1.6E-01	1.4E-02	1.7E-11	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	1.4E-02	2.1E-13	0.205925629
1.0E-03	7.0E-09	1.6E-01	1.4E-02	1.5E-11	6.8E-01	1.3E-07	1.0E-03	9.4E-11	1.6E-01	1.4E-02	2.0E-13	0.178451507
1.0E-03	6.4E-09	1.6E-01	1.4E-02	1.4E-11	6.6E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	1.4E-02	2.0E-13	0.156431708
1.0E-03	5.8E-09	1.6E-01	1.4E-02	1.2E-11	6.4E-01	1.3E-07	1.0E-03	8.8E-11	1.6E-01	1.4E-02	1.9E-13	0.13803161
1.0E-03	5.3E-09	1.6E-01	1.4E-02	1.1E-11	6.2E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	1.4E-02	1.8E-13	0.122507019
1.0E-03	4.8E-09	1.6E-01	1.4E-02	1.0E-11	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	1.4E-02	1.8E-13	0.10922659
1.0E-03	4.4E-09	1.6E-01	1.4E-02	9.5E-12	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	1.4E-02	1.7E-13	0.097389374
1.0E-03	7.6E-09	1.6E-01	1.4E-02	1.6E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.0E-13	0.02597733
1.0E-03	8.5E-09	1.6E-01	1.4E-02	1.8E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.0E-13	0.029715656
1.0E-03	9.5E-09	1.6E-01	1.4E-02	2.1E-11	9.9E-01	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.0E-13	0.034373251
1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11	9.8E-01	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	2.9E-13	0.040641375
1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11	9.7E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.9E-13	0.049021656
1.0E-03	9.2E-09	1.6E-01	1.4E-02	2.0E-11	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13	0.396124056
1.0E-03	8.4E-09	1.6E-01	1.4E-02	1.8E-11	7.2E-01	1.3E-07	1.0E-03	9.9E-11	1.6E-01	1.4E-02	2.1E-13	0.32072376
1.0E-03	7.7E-09	1.6E-01	1.4E-02	1.7E-11	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	1.4E-02	2.1E-13	0.266388884
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1.0E-03	6.4E-09	1.6E-01	1.4E-02	1.4E-11	6.6E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	1.4E-02	2.0E-13	0.194729934
1.0E-03	5.9E-09	1.6E-01	1.4E-02	1.3E-11	6.4E-01	1.3E-07	1.0E-03	8.8E-11	1.6E-01	1.4E-02	1.9E-13	0.169681911
1.0E-03	5.4E-09	1.6E-01	1.4E-02	1.2E-11	6.2E-01	1.3E-07	1.0E-03	8.6E-11	1.6E-01	1.4E-02	1.8E-13	0.148506833
1.0E-03	5.0E-09	1.6E-01	1.4E-02	1.1E-11	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	1.4E-02	1.8E-13	0.130630877
1.0E-03	4.5E-09	1.6E-01	1.4E-02	9.8E-12	5.8E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	1.4E-02	1.7E-13	0.115250187
1.0E-03	4.2E-09	1.6E-01	1.4E-02	9.0E-12	5.6E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	1.4E-02	1.7E-13	0.101576264
1.0E-03	6.7E-09	1.6E-01	1.4E-02	1.4E-11	9.7E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.9E-13	0.02673267
1.0E-03	7.4E-09	1.6E-01	1.4E-02	1.6E-11	9.6E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.9E-13	0.030716225
1.0E-03	8.3E-09	1.6E-01	1.4E-02	1.8E-11	9.5E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.8E-13	0.035834384
1.0E-03	9.1E-09	1.6E-01	1.4E-02	2.0E-11	9.4E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.8E-13	0.042559725
1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.1E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.7E-13	0.051796396
1.0E-03	8.2E-09	1.6E-01	1.4E-02	1.8E-11	7.1E-01	1.3E-07	1.0E-03	9.9E-11	1.6E-01	1.4E-02	2.1E-13	0.429291067
1.0E-03	7.6E-09	1.6E-01	1.4E-02	1.6E-11	6.9E-01	1.3E-07	1.0E-03	9.6E-11	1.6E-01	1.4E-02	2.1E-13	0.35166878

1.0E-03	7.0E-09	1.6E-01	1.4E-02	1.5E-11	6.7E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	1.4E-02	2.0E-13	0.289765363
1.0E-03	6.4E-09	1.6E-01	1.4E-02	1.4E-11	6.6E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	1.4E-02	2.0E-13	0.242869024
1.0E-03	5.9E-09	1.6E-01	1.4E-02	1.3E-11	6.4E-01	1.3E-07	1.0E-03	8.8E-11	1.6E-01	1.4E-02	1.9E-13	0.207628908
1.0E-03	5.4E-09	1.6E-01	1.4E-02	1.2E-11	6.2E-01	1.3E-07	1.0E-03	8.6E-11	1.6E-01	1.4E-02	1.8E-13	0.179887193
1.0E-03	5.0E-09	1.6E-01	1.4E-02	1.1E-11	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	1.4E-02	1.8E-13	0.156536025
1.0E-03	4.6E-09	1.6E-01	1.4E-02	1.0E-11	5.8E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	1.4E-02	1.7E-13	0.1371238
1.0E-03	4.3E-09	1.6E-01	1.4E-02	9.2E-12	5.7E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	1.4E-02	1.7E-13	0.119512473
1.0E-03	3.9E-09	1.6E-01	1.4E-02	8.4E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	1.4E-02	1.6E-13	0.104214695
1.0E-03	5.9E-09	1.6E-01	1.4E-02	1.3E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.8E-13	0.027299576
1.0E-03	6.5E-09	1.6E-01	1.4E-02	1.4E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.7E-13	0.031521107
1.0E-03	7.2E-09	1.6E-01	1.4E-02	1.6E-11	9.0E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.7E-13	0.0370635
1.0E-03	7.9E-09	1.6E-01	1.4E-02	1.7E-11	8.9E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.7E-13	0.044185751
1.0E-03	8.5E-09	1.6E-01	1.4E-02	1.8E-11	8.8E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.6E-13	0.053845114
1.0E-03	7.4E-09	1.6E-01	1.4E-02	1.6E-11	6.9E-01	1.3E-07	1.0E-03	9.5E-11	1.6E-01	1.4E-02	2.1E-13	0.479020099
1.0E-03	6.9E-09	1.6E-01	1.4E-02	1.5E-11	6.7E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	1.4E-02	2.0E-13	0.386805303
1.0E-03	6.4E-09	1.6E-01	1.4E-02	1.4E-11	6.5E-01	1.3E-07	1.0E-03	9.0E-11	1.6E-01	1.4E-02	1.9E-13	0.316464959
1.0E-03	5.9E-09	1.6E-01	1.4E-02	1.3E-11	6.3E-01	1.3E-07	1.0E-03	8.8E-11	1.6E-01	1.4E-02	1.9E-13	0.262933148
1.0E-03	5.4E-09	1.6E-01	1.4E-02	1.2E-11	6.1E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	1.4E-02	1.8E-13	0.215813514
1.0E-03	5.0E-09	1.6E-01	1.4E-02	1.1E-11	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	1.4E-02	1.8E-13	0.182980344
1.0E-03	4.6E-09	1.6E-01	1.4E-02	9.9E-12	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	1.4E-02	1.7E-13	0.158863629
1.0E-03	4.3E-09	1.6E-01	1.4E-02	9.2E-12	5.6E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	1.4E-02	1.7E-13	0.13784825
1.0E-03	4.0E-09	1.6E-01	1.4E-02	8.5E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	1.4E-02	1.6E-13	0.119973349
1.0E-03	3.7E-09	1.6E-01	1.4E-02	7.9E-12	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	1.4E-02	1.6E-13	0.103978815
1.0E-03	5.3E-09	1.6E-01	1.4E-02	1.1E-11	8.8E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.6E-13	0.027683337
1.0E-03	5.8E-09	1.6E-01	1.4E-02	1.2E-11	8.7E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.6E-13	0.032061343
1.0E-03	6.3E-09	1.6E-01	1.4E-02	1.4E-11	8.6E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.6E-13	0.037737163
1.0E-03	6.9E-09	1.6E-01	1.4E-02	1.5E-11	8.5E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.5E-13	0.045326547
1.0E-03	7.4E-09	1.6E-01	1.4E-02	1.6E-11	8.4E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.5E-13	0.055194092
1.0E-03	6.2E-09	1.6E-01	1.4E-02	1.3E-11	6.5E-01	1.3E-07	1.0E-03	9.0E-11	1.6E-01	1.4E-02	1.9E-13	0.438717807
1.0E-03	5.8E-09	1.6E-01	1.4E-02	1.3E-11	6.3E-01	1.3E-07	1.0E-03	8.7E-11	1.6E-01	1.4E-02	1.9E-13	0.355404632
1.0E-03	5.4E-09	1.6E-01	1.4E-02	1.2E-11	6.1E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	1.4E-02	1.8E-13	0.285778538
1.0E-03	4.8E-09	1.6E-01	1.4E-02	1.0E-11	5.9E-01	1.3E-07	1.0E-03	8.2E-11	1.6E-01	1.4E-02	1.8E-13	0.217258835
1.0E-03	4.5E-09	1.6E-01	1.4E-02	9.6E-12	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	1.4E-02	1.7E-13	0.181504674
1.0E-03	4.2E-09	1.6E-01	1.4E-02	9.0E-12	5.6E-01	1.3E-07	1.0E-03	7.7E-11	1.6E-01	1.4E-02	1.7E-13	0.154159943
1.0E-03	3.9E-09	1.6E-01	1.4E-02	8.4E-12	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	1.4E-02	1.6E-13	0.132392716
1.0E-03	3.6E-09	1.6E-01	1.4E-02	7.8E-12	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	1.4E-02	1.6E-13	0.114402186
1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.3E-12	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	1.4E-02	1.5E-13	0.100661364
1.0E-03	4.7E-09	1.6E-01	1.4E-02	1.0E-11	8.4E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.5E-13	0.027933538
1.0E-03	5.2E-09	1.6E-01	1.4E-02	1.1E-11	8.4E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.5E-13	0.032488749
1.0E-03	5.6E-09	1.6E-01	1.4E-02	1.2E-11	8.3E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.5E-13	0.038170581
1.0E-03	6.0E-09	1.6E-01	1.4E-02	1.3E-11	8.2E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13	0.045974287
1.0E-03	6.4E-09	1.6E-01	1.4E-02	1.4E-11	8.1E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13	0.055878328
1.0E-03	5.4E-09	1.6E-01	1.4E-02	1.2E-11	6.1E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	1.4E-02	1.8E-13	0.406512481
1.0E-03	5.0E-09	1.6E-01	1.4E-02	1.1E-11	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	1.4E-02	1.8E-13	0.323459609
1.0E-03	4.6E-09	1.6E-01	1.4E-02	9.9E-12	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	1.4E-02	1.7E-13	0.250066867
1.0E-03	4.3E-09	1.6E-01	1.4E-02	9.3E-12	5.6E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	1.4E-02	1.7E-13	0.204957798
1.0E-03	4.0E-09	1.6E-01	1.4E-02	8.6E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	1.4E-02	1.6E-13	0.168493778
1.0E-03	3.7E-09	1.6E-01	1.4E-02	8.0E-12	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	1.4E-02	1.6E-13	0.138191515
1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.4E-12	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	1.4E-02	1.5E-13	0.11568887

1.0E-03	3.2E-09	1.6E-01	1.4E-02	6.8E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	1.4E-02	1.5E-13	0.097856192
1.0E-03	4.3E-09	1.6E-01	1.4E-02	9.2E-12	8.1E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13	0.02794284
1.0E-03	4.6E-09	1.6E-01	1.4E-02	1.0E-11	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13	0.032526271
1.0E-03	5.0E-09	1.6E-01	1.4E-02	1.1E-11	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13	0.038432696
1.0E-03	5.3E-09	1.6E-01	1.4E-02	1.1E-11	7.8E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13	0.045965831
1.0E-03	5.7E-09	1.6E-01	1.4E-02	1.2E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13	0.055999107
1.0E-03	4.7E-09	1.6E-01	1.4E-02	1.0E-11	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	1.4E-02	1.7E-13	0.381832444
1.0E-03	4.4E-09	1.6E-01	1.4E-02	9.5E-12	5.7E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	1.4E-02	1.7E-13	0.302452952
1.0E-03	4.1E-09	1.6E-01	1.4E-02	8.9E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	1.4E-02	1.6E-13	0.239735807
1.0E-03	3.9E-09	1.6E-01	1.4E-02	8.3E-12	5.4E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	1.4E-02	1.6E-13	0.187532691
1.0E-03	3.6E-09	1.6E-01	1.4E-02	7.8E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	1.4E-02	1.6E-13	0.151976598
1.0E-03	3.3E-09	1.6E-01	1.4E-02	7.2E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	1.4E-02	1.5E-13	0.123329112
1.0E-03	3.1E-09	1.6E-01	1.4E-02	6.6E-12	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	1.4E-02	1.5E-13	0.100532009
1.0E-03	3.9E-09	1.6E-01	1.4E-02	8.4E-12	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13	0.027749084
1.0E-03	4.2E-09	1.6E-01	1.4E-02	9.0E-12	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13	0.032336895
1.0E-03	4.5E-09	1.6E-01	1.4E-02	9.6E-12	7.6E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13	0.037938021
1.0E-03	4.8E-09	1.6E-01	1.4E-02	1.0E-11	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13	0.045364907
1.0E-03	5.0E-09	1.6E-01	1.4E-02	1.1E-11	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13	0.055171873
1.0E-03	4.1E-09	1.6E-01	1.4E-02	8.8E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	1.4E-02	1.6E-13	0.323503212
1.0E-03	3.9E-09	1.6E-01	1.4E-02	8.4E-12	5.4E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	1.4E-02	1.6E-13	0.246818008
1.0E-03	3.6E-09	1.6E-01	1.4E-02	7.8E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	1.4E-02	1.6E-13	0.191153275
1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.4E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	1.4E-02	1.5E-13	0.153150861
1.0E-03	3.2E-09	1.6E-01	1.4E-02	6.9E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	1.4E-02	1.5E-13	0.124510387
1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.4E-12	4.8E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	1.4E-02	1.4E-13	0.101567175
1.0E-03	3.5E-09	1.6E-01	1.4E-02	7.6E-12	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13	0.027326928
1.0E-03	3.8E-09	1.6E-01	1.4E-02	8.2E-12	7.3E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13	0.031786529
1.0E-03	4.0E-09	1.6E-01	1.4E-02	8.7E-12	7.3E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13	0.037274132
1.0E-03	4.3E-09	1.6E-01	1.4E-02	9.2E-12	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.1E-13	0.044290613
1.0E-03	4.5E-09	1.6E-01	1.4E-02	9.7E-12	7.1E-01	1.3E-07	1.0E-03	9.9E-11	1.6E-01	1.4E-02	2.1E-13	0.053594327
1.0E-03	3.8E-09	1.6E-01	1.4E-02	8.2E-12	5.3E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	1.4E-02	1.6E-13	0.329189359
1.0E-03	3.6E-09	1.6E-01	1.4E-02	7.8E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	1.4E-02	1.6E-13	0.244404501
1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.4E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	1.4E-02	1.5E-13	0.186563449
1.0E-03	3.2E-09	1.6E-01	1.4E-02	7.0E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	1.4E-02	1.5E-13	0.148173914
1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.6E-12	4.8E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	1.4E-02	1.4E-13	0.120087566
1.0E-03	2.8E-09	1.6E-01	1.4E-02	6.1E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	1.4E-02	1.4E-13	0.097476099
1.0E-03	3.2E-09	1.6E-01	1.4E-02	7.0E-12	7.1E-01	1.3E-07	1.0E-03	9.8E-11	1.6E-01	1.4E-02	2.1E-13	0.026695761
1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.4E-12	7.0E-01	1.3E-07	1.0E-03	9.8E-11	1.6E-01	1.4E-02	2.1E-13	0.030832251
1.0E-03	3.7E-09	1.6E-01	1.4E-02	7.9E-12	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	1.4E-02	2.1E-13	0.036182914
1.0E-03	3.9E-09	1.6E-01	1.4E-02	8.3E-12	6.9E-01	1.3E-07	1.0E-03	9.6E-11	1.6E-01	1.4E-02	2.1E-13	0.042631352
1.0E-03	4.0E-09	1.6E-01	1.4E-02	8.7E-12	6.9E-01	1.3E-07	1.0E-03	9.5E-11	1.6E-01	1.4E-02	2.0E-13	0.051412083
1.0E-03	3.6E-09	1.6E-01	1.4E-02	7.7E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	1.4E-02	1.5E-13	0.309693891
1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.3E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	1.4E-02	1.5E-13	0.227013166
1.0E-03	3.2E-09	1.6E-01	1.4E-02	7.0E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	1.4E-02	1.5E-13	0.173848788
1.0E-03	3.1E-09	1.6E-01	1.4E-02	6.6E-12	4.8E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	1.4E-02	1.4E-13	0.138676975
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1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.9E-12	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	1.4E-02	1.4E-13	0.093445132
1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.4E-12	6.8E-01	1.3E-07	1.0E-03	9.4E-11	1.6E-01	1.4E-02	2.0E-13	0.025918142
1.0E-03	3.1E-09	1.6E-01	1.4E-02	6.8E-12	6.8E-01	1.3E-07	1.0E-03	9.4E-11	1.6E-01	1.4E-02	2.0E-13	0.029724157
1.0E-03	3.3E-09	1.6E-01	1.4E-02	7.2E-12	6.7E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	1.4E-02	2.0E-13	0.034594754

1.0E-03	3.5E-09	1.6E-01	1.4E-02	7.5E-12	6.7E-01	1.3E-07	1.0E-03	9.2E-11	1.6E-01	1.4E-02	2.0E-13	0.040724224
1.0E-03	3.7E-09	1.6E-01	1.4E-02	7.9E-12	6.6E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	1.4E-02	2.0E-13	0.048823121
1.0E-03	3.3E-09	1.6E-01	1.4E-02	7.2E-12	5.0E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	1.4E-02	1.5E-13	0.266367096
1.0E-03	3.2E-09	1.6E-01	1.4E-02	6.9E-12	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	1.4E-02	1.5E-13	0.199907348
1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.5E-12	4.8E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	1.4E-02	1.4E-13	0.156171285
1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.2E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	1.4E-02	1.4E-13	0.126343602
1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.9E-12	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	1.4E-02	1.4E-13	0.104464998
1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.6E-12	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	1.4E-02	1.3E-13	0.087862868
1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.9E-12	6.5E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	1.4E-02	2.0E-13	0.024956468
1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.2E-12	6.5E-01	1.3E-07	1.0E-03	9.0E-11	1.6E-01	1.4E-02	1.9E-13	0.028595695
1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.5E-12	6.5E-01	1.3E-07	1.0E-03	8.9E-11	1.6E-01	1.4E-02	1.9E-13	0.033112308
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1.0E-03	3.3E-09	1.6E-01	1.4E-02	7.2E-12	6.3E-01	1.3E-07	1.0E-03	8.8E-11	1.6E-01	1.4E-02	1.9E-13	0.046123519
1.0E-03	3.1E-09	1.6E-01	1.4E-02	6.7E-12	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	1.4E-02	1.5E-13	0.214072154
1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.4E-12	4.8E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	1.4E-02	1.4E-13	0.16941213
1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.2E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	1.4E-02	1.4E-13	0.136788877
1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.9E-12	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	1.4E-02	1.4E-13	0.113014754
1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.6E-12	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	1.4E-02	1.3E-13	0.094903917
1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.3E-12	4.4E-01	1.3E-07	1.0E-03	6.1E-11	1.6E-01	1.4E-02	1.3E-13	0.080665616
1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.4E-12	6.3E-01	1.3E-07	1.0E-03	8.7E-11	1.6E-01	1.4E-02	1.9E-13	0.024036465
1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.7E-12	6.3E-01	1.3E-07	1.0E-03	8.7E-11	1.6E-01	1.4E-02	1.9E-13	0.027437749
1.0E-03	2.8E-09	1.6E-01	1.4E-02	6.0E-12	6.2E-01	1.3E-07	1.0E-03	8.6E-11	1.6E-01	1.4E-02	1.8E-13	0.031613433
1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.3E-12	6.2E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	1.4E-02	1.8E-13	0.036821078
1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.5E-12	6.1E-01	1.3E-07	1.0E-03	8.4E-11	1.6E-01	1.4E-02	1.8E-13	0.043371711
1.0E-03	3.1E-09	1.6E-01	1.4E-02	6.8E-12	6.0E-01	1.3E-07	1.0E-03	8.4E-11	1.6E-01	1.4E-02	1.8E-13	0.051677893
1.0E-03	3.2E-09	1.6E-01	1.4E-02	7.0E-12	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	1.4E-02	1.8E-13	0.062781627
1.0E-03	3.3E-09	1.6E-01	1.4E-02	7.2E-12	5.9E-01	1.3E-07	1.0E-03	8.2E-11	1.6E-01	1.4E-02	1.8E-13	0.078182198
1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.3E-12	5.8E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	1.4E-02	1.7E-13	0.099180202
1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.4E-12	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	1.4E-02	1.7E-13	0.129061811
1.0E-03	3.5E-09	1.6E-01	1.4E-02	7.5E-12	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	1.4E-02	1.7E-13	0.166872389
1.0E-03	3.5E-09	1.6E-01	1.4E-02	7.5E-12	5.6E-01	1.3E-07	1.0E-03	7.7E-11	1.6E-01	1.4E-02	1.7E-13	0.209903535
1.0E-03	3.5E-09	1.6E-01	1.4E-02	7.5E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	1.4E-02	1.6E-13	0.247942439
1.0E-03	3.5E-09	1.6E-01	1.4E-02	7.4E-12	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	1.4E-02	1.6E-13	0.276907761
1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.4E-12	5.3E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	1.4E-02	1.6E-13	0.293392648
1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.2E-12	5.2E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	1.4E-02	1.6E-13	0.298349166
1.0E-03	3.3E-09	1.6E-01	1.4E-02	7.1E-12	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	1.4E-02	1.5E-13	0.292041317
1.0E-03	3.2E-09	1.6E-01	1.4E-02	6.9E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	1.4E-02	1.5E-13	0.274885877
1.0E-03	3.1E-09	1.6E-01	1.4E-02	6.7E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	1.4E-02	1.5E-13	0.24468013
1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.5E-12	4.9E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	1.4E-02	1.4E-13	0.206245841
1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.3E-12	4.8E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	1.4E-02	1.4E-13	0.169904658
1.0E-03	2.8E-09	1.6E-01	1.4E-02	6.1E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	1.4E-02	1.4E-13	0.141048836
1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.8E-12	4.6E-01	1.3E-07	1.0E-03	6.3E-11	1.6E-01	1.4E-02	1.4E-13	0.117784971
1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.6E-12	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	1.4E-02	1.3E-13	0.099623005
1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.3E-12	4.4E-01	1.3E-07	1.0E-03	6.1E-11	1.6E-01	1.4E-02	1.3E-13	0.085092231
1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.1E-12	4.3E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	1.4E-02	1.3E-13	0.073517121
1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	6.1E-01	1.3E-07	1.0E-03	8.4E-11	1.6E-01	1.4E-02	1.8E-13	0.02282691
1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.3E-12	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	1.4E-02	1.8E-13	0.025854489
1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.5E-12	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	1.4E-02	1.8E-13	0.02965535
1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.8E-12	5.9E-01	1.3E-07	1.0E-03	8.2E-11	1.6E-01	1.4E-02	1.8E-13	0.034145643

1.0E-03	2.8E-09	1.6E-01	1.4E-02	6.0E-12	5.9E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	1.4E-02	1.8E-13	0.039986649
1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.2E-12	5.8E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	1.4E-02	1.7E-13	0.047122838
1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.4E-12	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	1.4E-02	1.7E-13	0.056130868
1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.6E-12	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	1.4E-02	1.7E-13	0.068514485
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1.0E-03	3.2E-09	1.6E-01	1.4E-02	6.8E-12	5.6E-01	1.3E-07	1.0E-03	7.7E-11	1.6E-01	1.4E-02	1.7E-13	0.104099371
1.0E-03	3.2E-09	1.6E-01	1.4E-02	6.8E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	1.4E-02	1.6E-13	0.128535666
1.0E-03	3.2E-09	1.6E-01	1.4E-02	6.9E-12	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	1.4E-02	1.6E-13	0.1545525
1.0E-03	3.2E-09	1.6E-01	1.4E-02	6.9E-12	5.3E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	1.4E-02	1.6E-13	0.177307168
1.0E-03	3.2E-09	1.6E-01	1.4E-02	6.8E-12	5.2E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	1.4E-02	1.6E-13	0.195570827
1.0E-03	3.2E-09	1.6E-01	1.4E-02	6.8E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	1.4E-02	1.5E-13	0.206439478
1.0E-03	3.1E-09	1.6E-01	1.4E-02	6.7E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	1.4E-02	1.5E-13	0.210596976
1.0E-03	3.1E-09	1.6E-01	1.4E-02	6.6E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	1.4E-02	1.5E-13	0.207375863
1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.4E-12	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	1.4E-02	1.5E-13	0.19712811
1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.3E-12	4.8E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	1.4E-02	1.4E-13	0.180252979
1.0E-03	2.8E-09	1.6E-01	1.4E-02	6.1E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	1.4E-02	1.4E-13	0.158823156
1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.9E-12	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	1.4E-02	1.4E-13	0.136955359
1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.7E-12	4.5E-01	1.3E-07	1.0E-03	6.3E-11	1.6E-01	1.4E-02	1.4E-13	0.117905557
1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.5E-12	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	1.4E-02	1.3E-13	0.101344604
1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.3E-12	4.4E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	1.4E-02	1.3E-13	0.08758242
1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	4.3E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	1.4E-02	1.3E-13	0.076074527
1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.8E-12	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	1.4E-02	1.2E-13	0.066613662
1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.7E-12	5.8E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	1.4E-02	1.7E-13	0.02164322
1.0E-03	2.3E-09	1.6E-01	1.4E-02	4.9E-12	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	1.4E-02	1.7E-13	0.024465227
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1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.3E-12	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	1.4E-02	1.7E-13	0.031767289
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1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.9E-12	5.6E-01	1.3E-07	1.0E-03	7.7E-11	1.6E-01	1.4E-02	1.7E-13	0.050572887
1.0E-03	2.8E-09	1.6E-01	1.4E-02	6.0E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	1.4E-02	1.6E-13	0.06056565
1.0E-03	2.8E-09	1.6E-01	1.4E-02	6.1E-12	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	1.4E-02	1.6E-13	0.072059143
1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.2E-12	5.4E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	1.4E-02	1.6E-13	0.086302212
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1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.3E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	1.4E-02	1.6E-13	0.118742362
1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.3E-12	5.2E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	1.4E-02	1.5E-13	0.133716692
1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.3E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	1.4E-02	1.5E-13	0.145364753
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1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.2E-12	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	1.4E-02	1.5E-13	0.156407934
1.0E-03	2.8E-09	1.6E-01	1.4E-02	6.1E-12	4.8E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	1.4E-02	1.4E-13	0.155186571
1.0E-03	2.8E-09	1.6E-01	1.4E-02	6.0E-12	4.8E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	1.4E-02	1.4E-13	0.149448366
1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.8E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	1.4E-02	1.4E-13	0.13953319
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1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.5E-12	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	1.4E-02	1.3E-13	0.112505386
1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.3E-12	4.4E-01	1.3E-07	1.0E-03	6.1E-11	1.6E-01	1.4E-02	1.3E-13	0.099771508
1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.2E-12	4.3E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	1.4E-02	1.3E-13	0.087794258
1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	4.2E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	1.4E-02	1.3E-13	0.077247631
1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.8E-12	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	1.4E-02	1.2E-13	0.0680779
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1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.4E-12	5.6E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	1.4E-02	1.7E-13	0.020564694

1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.5E-12	5.6E-01	1.3E-07	1.0E-03	7.7E-11	1.6E-01	1.4E-02	1.7E-13	0.023081229
1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.7E-12	5.5E-01	1.3E-07	1.0E-03	7.7E-11	1.6E-01	1.4E-02	1.7E-13	0.026019078
1.0E-03	2.3E-09	1.6E-01	1.4E-02	4.9E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	1.4E-02	1.6E-13	0.029618381
1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.1E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	1.4E-02	1.6E-13	0.033800862
1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.3E-12	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	1.4E-02	1.6E-13	0.039079498
1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.4E-12	5.4E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	1.4E-02	1.6E-13	0.04544047
1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.5E-12	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	1.4E-02	1.6E-13	0.053265098
1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.6E-12	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	1.4E-02	1.6E-13	0.061727055
1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.7E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	1.4E-02	1.5E-13	0.072139295
1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.8E-12	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	1.4E-02	1.5E-13	0.082803762
1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.8E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	1.4E-02	1.5E-13	0.094242444
1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.8E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	1.4E-02	1.5E-13	0.104686648
1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.8E-12	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	1.4E-02	1.5E-13	0.112532214
1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.8E-12	4.9E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	1.4E-02	1.4E-13	0.118020392
1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.7E-12	4.8E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	1.4E-02	1.4E-13	0.121107585
1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.7E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	1.4E-02	1.4E-13	0.121132163
1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.6E-12	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	1.4E-02	1.4E-13	0.118040146
1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.5E-12	4.5E-01	1.3E-07	1.0E-03	6.3E-11	1.6E-01	1.4E-02	1.4E-13	0.111932635
1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.3E-12	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	1.4E-02	1.3E-13	0.103284846
1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.2E-12	4.4E-01	1.3E-07	1.0E-03	6.1E-11	1.6E-01	1.4E-02	1.3E-13	0.093984433
1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	4.3E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	1.4E-02	1.3E-13	0.084907937
1.0E-03	2.3E-09	1.6E-01	1.4E-02	4.9E-12	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	1.4E-02	1.3E-13	0.076169674
1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.7E-12	4.1E-01	1.3E-07	1.0E-03	5.7E-11	1.6E-01	1.4E-02	1.2E-13	0.068174743
1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.5E-12	4.1E-01	1.3E-07	1.0E-03	5.6E-11	1.6E-01	1.4E-02	1.2E-13	0.061005279
1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.4E-12	4.0E-01	1.3E-07	1.0E-03	5.5E-11	1.6E-01	1.4E-02	1.2E-13	0.054727028
1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.1E-12	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	1.4E-02	1.6E-13	0.019454003
1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.2E-12	5.4E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	1.4E-02	1.6E-13	0.021642669
1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.4E-12	5.3E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	1.4E-02	1.6E-13	0.024254711
1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.6E-12	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	1.4E-02	1.6E-13	0.027333726
1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.7E-12	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	1.4E-02	1.6E-13	0.031125258
1.0E-03	2.3E-09	1.6E-01	1.4E-02	4.9E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	1.4E-02	1.6E-13	0.035493188
1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	1.4E-02	1.5E-13	0.040681258
1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.1E-12	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	1.4E-02	1.5E-13	0.046829962
1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.2E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	1.4E-02	1.5E-13	0.053499102
1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.3E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	1.4E-02	1.5E-13	0.06099593
1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.4E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	1.4E-02	1.5E-13	0.068732027
1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.4E-12	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	1.4E-02	1.5E-13	0.07675305
1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.4E-12	4.8E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	1.4E-02	1.4E-13	0.084314549
1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.4E-12	4.8E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	1.4E-02	1.4E-13	0.090035421
1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.4E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	1.4E-02	1.4E-13	0.094316471
1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.3E-12	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	1.4E-02	1.4E-13	0.097092638
1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.3E-12	4.6E-01	1.3E-07	1.0E-03	6.3E-11	1.6E-01	1.4E-02	1.4E-13	0.097855671
1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.2E-12	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	1.4E-02	1.3E-13	0.096308525
1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.1E-12	4.4E-01	1.3E-07	1.0E-03	6.1E-11	1.6E-01	1.4E-02	1.3E-13	0.092426827
1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	4.3E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	1.4E-02	1.3E-13	0.086105866
1.0E-03	2.3E-09	1.6E-01	1.4E-02	4.9E-12	4.3E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	1.4E-02	1.3E-13	0.079706199
1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.7E-12	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	1.4E-02	1.2E-13	0.073234779
1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.6E-12	4.1E-01	1.3E-07	1.0E-03	5.7E-11	1.6E-01	1.4E-02	1.2E-13	0.066756832
1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.4E-12	4.0E-01	1.3E-07	1.0E-03	5.6E-11	1.6E-01	1.4E-02	1.2E-13	0.060611798

1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.3E-12	4.0E-01	1.3E-07	1.0E-03	5.5E-11	1.6E-01	1.4E-02	1.2E-13	0.054930478
1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.2E-12	3.9E-01	1.3E-07	1.0E-03	5.4E-11	1.6E-01	1.4E-02	1.2E-13	0.049784021
1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.8E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	1.4E-02	1.6E-13	0.018381436
1.0E-03	1.8E-09	1.6E-01	1.4E-02	4.0E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	1.4E-02	1.5E-13	0.02035012
1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.1E-12	5.2E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	1.4E-02	1.5E-13	0.022646312
1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.3E-12	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	1.4E-02	1.5E-13	0.02535987
1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.4E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	1.4E-02	1.5E-13	0.028634635
1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.5E-12	5.0E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	1.4E-02	1.5E-13	0.032310286
1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.6E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	1.4E-02	1.5E-13	0.036567311
1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.7E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	1.4E-02	1.5E-13	0.041516939
1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.8E-12	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	1.4E-02	1.5E-13	0.046654774
1.0E-03	2.3E-09	1.6E-01	1.4E-02	4.9E-12	4.9E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	1.4E-02	1.4E-13	0.052210826
1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	4.8E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	1.4E-02	1.4E-13	0.058083819
1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	4.7E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	1.4E-02	1.4E-13	0.064037305
1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	1.4E-02	1.4E-13	0.069597095
1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	1.4E-02	1.4E-13	0.073876102
1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	4.6E-01	1.3E-07	1.0E-03	6.3E-11	1.6E-01	1.4E-02	1.4E-13	0.077468406
1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	1.4E-02	1.3E-13	0.079859654
1.0E-03	2.3E-09	1.6E-01	1.4E-02	4.9E-12	4.4E-01	1.3E-07	1.0E-03	6.1E-11	1.6E-01	1.4E-02	1.3E-13	0.08087897
1.0E-03	2.3E-09	1.6E-01	1.4E-02	4.9E-12	4.4E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	1.4E-02	1.3E-13	0.080092075
1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.8E-12	4.3E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	1.4E-02	1.3E-13	0.077485497
1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.7E-12	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	1.4E-02	1.3E-13	0.072923114
1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.6E-12	4.1E-01	1.3E-07	1.0E-03	5.7E-11	1.6E-01	1.4E-02	1.2E-13	0.068403466
1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.5E-12	4.1E-01	1.3E-07	1.0E-03	5.6E-11	1.6E-01	1.4E-02	1.2E-13	0.063831981
1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.3E-12	4.0E-01	1.3E-07	1.0E-03	5.5E-11	1.6E-01	1.4E-02	1.2E-13	0.05899546
1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.2E-12	3.9E-01	1.3E-07	1.0E-03	5.4E-11	1.6E-01	1.4E-02	1.2E-13	0.054233689
1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.1E-12	3.9E-01	1.3E-07	1.0E-03	5.3E-11	1.6E-01	1.4E-02	1.2E-13	0.049653263
1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.9E-12	3.8E-01	1.3E-07	1.0E-03	5.2E-11	1.6E-01	1.4E-02	1.1E-13	0.045399145

7. Construction Health Risk
d. Unmitigated School Risk

Construction Health Risk
Unmitigated School - Assumptions and Risk Summary

Franklin School Project

Unmitigated School - Construction Health Risk Assumptions

	3rd	0-2	2-16	>16	Units
DBR	361	1090	631	261	L/kg
A	1	1	1	1	no units
EF	0.95890411	0.958904	0.958904	0.958904	years
Constant 1	0.000001	0.000001	0.000001	0.000001	no units
CPF	1.1	1.1	1.1	1.1	mg/kg-day-1
ASF	10	10	3	1	no units
Modernization Const	0.00	0.00	0.668	0.00	years
Modernization AC	0.00	0.00	0.274	0.00	years
Portable Set-up	0.00	0.00	0.038	0.00	years
New Building Demo	0.00	0.00	0.055	0.00	years
New Building Grading	0.00	0.00	0.014	0.00	years
New Building Const	0.00	0.00	0.548	0.00	years
New Building AC	0.00	0.00	0.027	0.00	years
New Building Pav	0.00	0.00	0.027	0.00	years
New Building Demo (Port. 2)	0.00	0.00	0.005	0.00	years
New Building Demo (Port. 1,3,4)	0.00	0.00	0.014	0.00	years
AT	70	70	70	70	years
FAH	1	1	1	0.73	day
Constant 2	1,000,000	1,000,000	1,000,000	1,000,000	no units
Dose Constants:	0.00034616	0.001045	0.000605	0.00025	no units
Risk Constants:	0.15714286	0.157143	0.047143	0.011471	no units

Dose = (Cair X DBR X A X EF X Constant 1)

Cancer Risk = Dose X CPF x ASF x (ED/AT) X FAH

Risk per Million = Cancer Risk X Constant 2

Non-Cancer Hazard Quotent = Average Annual Concentration x Chronic Inhalation REL

Onsite	lbs/day	g/day	g/sec
	2 to 16		
Modernization Const	0.1939	87.951561	0.0020359
Modernization AC	0.0941	42.683042	0.000988
Portable Set-up	0	0	0
New Building Demo	1.0409	472.1443	0.0109293
New Building Grading	0.6379	289.34657	0.0066978
New Building Const	0.6843	310.39326	0.007185
New Building AC	0.0941	42.683042	0.000988
New Building Pav	0.4153	188.37691	0.0043606
New Building Demo (Port. 2)	0.8174	370.7664	0.0085826
New Building Demo (Port. 1,3,4)	0.8174	370.7664	0.0085826

Offsite

	Source	Miles	lbs/day	g/day	gr/sec
Mod - Building					
	Haul 1A	0.04256385	2.3323E-05	0.010579	2.45E-07
	Haul 2A	0.13434019	7.3611E-05	0.0333894	7.73E-07
	Haul B	0.27576401	0.0001511	0.0685394	1.59E-06
	Haul C	0.02963935	1.6241E-05	0.0073667	1.71E-07
NB - BC					
	Haul 1A	0.04256385	7.5799E-05	0.0343817	7.96E-07
	Haul 2A	0.13434019	0.00023924	0.1085156	2.51E-06
	Haul B	0.27576401	0.00049109	0.2227531	5.16E-06
	Haul C	0.02963935	5.2782E-05	0.0239417	5.54E-07
Portable Classrooms					
	Haul 1A	0.04256385	1.8111E-05	0.008215	1.9E-07
	Haul 2A	0.13434019	5.7162E-05	0.0259281	6E-07
	Haul B	0.27576401	0.00011734	0.0532234	1.23E-06
	Haul C	0.02963935	1.2612E-05	0.0057205	1.32E-07
NB - Demo					
	Haul 1A	0.04256385	0.00018728	0.0849492	1.97E-06
	Haul 2A	0.13434019	0.0005911	0.268117	6.21E-06
	Haul B	0.27576401	0.00121336	0.5503716	1.27E-05
	Haul C	0.02963935	0.00013041	0.0591544	1.37E-06
NB-Demo (Port. 2)					
	Haul 1A	0.04256385	1.8111E-05	0.008215	1.9E-07
	Haul 2A	0.13434019	5.7162E-05	0.0259281	6E-07
	Haul B	0.27576401	0.00011734	0.0532234	1.23E-06
	Haul C	0.02963935	1.2612E-05	0.0057205	1.32E-07
NB-Demo (Port. 1,3,4)					
	Haul 1A	0.04256385	1.8111E-05	0.008215	1.9E-07
	Haul 2A	0.13434019	5.7162E-05	0.0259281	6E-07
	Haul B	0.27576401	0.00011734	0.0532234	1.23E-06
	Haul C	0.02963935	1.2612E-05	0.0057205	1.32E-07

Franklin School Project

Unmitigated School - Construction Health Risk Assumptions

Source Name	Description
Haul1A	Haul Route: Copeland from Site to Meade
HaulB	Haul Route: Copeland from Meade Ave to El Cajon Blvd
HaulC	Haul Route: El Cajon Blvd from Site to I-15
Haul2A	Haul Route: Maede form Site to Copeland
MOD	Modernization activities for Buildings 01-01, 02-02, and 02-03
NB1	New Building Demolition and Grading areas
NB2	Building Construction and Architectural Coating Areas
NB3	Paving areas

Construction activities can occur between 7 am and 7 pm Monday through Friday.

Receptor Designations

Residential #43 to 806

RES50 #1 to 272 - Residential receptors with 50 meter spacing

RES10 #273 to #806 - Residential receptors with 10 meter spacing

School

LL #807 to 820 - Onsite receptrs for the library and LLC building - Impacted by all phases

02-02 #821 to 835 - Onsite receptors for building 02-02. Impacted by all but 1/3 of Modernization.

01-01 #836 to 850 - Onsite receptors for building 01-01. Impacted by all but 1/3 of Modernization.

02-03 #851 to 865 - Onsite receptors for building 02-03. Impacted by all but 1/3 of Modernization.

Port #866 to 872 - Onsite receptors for portable buildings. Impacts vary by building

School receptors: Risk for onsite receptors is determined by conservately assuming that all onsite receptors are exposed for the duration of the construction project. However, because modernization requires painting and repairs to classrooms, it is anticipated that students sould be located in the portable classrooms during the time the reparis to their classrooms are occurring. As the portable classrooms are located on the other side of the campus from the new building construction (greatest risk source) risk to students would be similar or lower at the portable classrooms than they would in the library or building 02-03. Also, as a conservative estimate of onsite risk, the Assembly and Administrative building (building 02-03) is evaluated as if it were regular classrooms.

Franklin School Project
Unmitigated School - Emissions

Onsite

Phase	Start	End	# days	lbs/day PM10	Source		
Mod - Building	1/1/2021	12/08/21	244	0.1939	MOD	Const. Hours	12
Mod - AC	06/01/21	10/18/21	100	0.0941	MOD		
Portable Classrooms	1/1/2021	1/20/2021	14	0.0000	-		
NB - Demo	01/21/19	02/17/21	20	1.0409	NB1		
NB - Grading	02/18/21	02/24/21	5	0.6379	NB1		
NB - BC	02/25/21	12/01/21	200	0.6843	NB2		
NB - AC	11/25/21	12/08/21	10	0.0941	NB2		
NB - Paving	11/25/21	12/08/21	10	0.4153	NB3		
NB-Demo (Port. 2)	12/09/21	12/11/21	2	0.8174	NB1		
NB-Demo (Port. 1,3,4)	12/13/21	12/17/21	5	0.8174	NB1		

Offsite

	Vendor Trips	miles/trip	lbs/day	lbs/day/mile	Haul Trips	miles/trip	lbs/day	lbs/day/mile
Mod - Building	4	7.30	0.004	0.00054795	0	20.00		
Mod - AC	0	7.30			0	20.00		
Portable Classrooms	0	7.30			10	20.00	8.51E-03	0.000426
NB - Demo		7.30			205	20.00	0.088	0.004400
NB - Grading	0	7.30			0	20.00		
NB - BC	12	7.30	0.013	0.00178082	0	20.00		
NB - AC	0	7.30			0	20.00		
NB - Paving	0	7.30			0	20.00		
NB-Demo (Port. 2)	0	7.30			6	20.00	8.51E-03	0.000426
NB-Demo (Port. 1,3,4)	0	7.30			15	20.00	8.51E-03	0.000426

Source	Meters	Miles
Haul 1A	68.50	0.04
Haul 2A	216.20	0.13
Haul B	443.80	0.28
Haul C	47.70	0.03

Franklin School Project

Unmitigated School - Construction Cancer Risk Summary

865	Receptor
11.31	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4	Receptor Typ
807	490307	3624461	5.34	2.93	0.58	0.00	0.50	0.08	0.97	0.01	0.14	0.04	0.10	LL
808	490317	3624461	4.66	2.14	0.43	0.00	0.57	0.09	1.12	0.01	0.16	0.04	0.11	LL
809	490307	3624471	5.75	3.04	0.60	0.00	0.55	0.08	1.19	0.01	0.12	0.04	0.11	LL
810	490317	3624471	5.12	2.24	0.45	0.00	0.60	0.09	1.40	0.01	0.16	0.05	0.12	LL
811	490307	3624481	6.20	3.12	0.62	0.00	0.57	0.09	1.48	0.01	0.14	0.04	0.11	LL
812	490317	3624481	5.83	2.33	0.46	0.00	0.72	0.11	1.80	0.01	0.19	0.06	0.14	LL
813	490307	3624491	6.71	3.20	0.64	0.00	0.58	0.09	1.88	0.01	0.15	0.05	0.11	LL
814	490317	3624491	6.60	2.41	0.48	0.00	0.78	0.12	2.40	0.02	0.19	0.06	0.15	LL
815	490307	3624501	7.41	3.30	0.66	0.00	0.61	0.09	2.41	0.02	0.15	0.05	0.12	LL
816	490317	3624501	7.49	2.52	0.50	0.00	0.68	0.10	3.29	0.02	0.18	0.05	0.13	LL
817	490307	3624511	8.35	3.49	0.69	0.00	0.63	0.10	3.11	0.02	0.13	0.05	0.12	LL
818	490317	3624511	9.06	2.73	0.54	0.00	0.68	0.10	4.60	0.03	0.18	0.05	0.13	LL
819	490307	3624521	9.08	3.52	0.70	0.00	0.61	0.09	3.84	0.03	0.13	0.05	0.12	LL
820	490317	3624521	10.97	2.61	0.52	0.00	0.83	0.13	6.45	0.04	0.17	0.07	0.16	LL
821	490276	3624433	2.21	1.28	0.26	0.00	0.13	0.02	0.44	0.00	0.04	0.01	0.03	02-20
822	490286	3624433	2.18	1.17	0.23	0.00	0.17	0.03	0.48	0.00	0.05	0.01	0.03	02-20
823	490296	3624433	2.86	1.63	0.32	0.00	0.21	0.03	0.53	0.00	0.06	0.02	0.04	02-20
824	490276	3624443	2.54	1.49	0.30	0.00	0.15	0.02	0.49	0.00	0.04	0.01	0.03	02-20
825	490286	3624443	2.13	1.04	0.21	0.00	0.19	0.03	0.55	0.00	0.06	0.01	0.04	02-20
826	490296	3624443	3.32	1.88	0.37	0.00	0.25	0.04	0.62	0.00	0.08	0.02	0.05	02-20
827	490276	3624453	3.59	2.29	0.45	0.00	0.16	0.03	0.56	0.00	0.05	0.01	0.03	02-20
828	490286	3624453	3.50	2.07	0.41	0.00	0.22	0.03	0.64	0.00	0.08	0.02	0.04	02-20
829	490296	3624453	4.53	2.74	0.55	0.00	0.29	0.04	0.72	0.00	0.09	0.02	0.06	02-20
830	490276	3624463	3.83	2.40	0.48	0.00	0.18	0.03	0.64	0.00	0.06	0.01	0.03	02-20
831	490286	3624463	3.72	2.13	0.42	0.00	0.23	0.04	0.73	0.01	0.09	0.02	0.05	02-20
832	490296	3624463	4.85	2.85	0.57	0.00	0.33	0.05	0.86	0.01	0.10	0.03	0.06	02-20
833	490276	3624473	4.03	2.47	0.49	0.00	0.19	0.03	0.72	0.00	0.07	0.01	0.04	02-20
834	490286	3624473	3.93	2.19	0.43	0.00	0.25	0.04	0.85	0.01	0.10	0.02	0.05	02-20
835	490296	3624473	5.14	2.92	0.58	0.00	0.36	0.05	1.02	0.01	0.09	0.03	0.07	02-20
836	490276	3624481	4.20	2.54	0.51	0.00	0.19	0.03	0.80	0.01	0.07	0.02	0.04	01-01
837	490286	3624481	4.15	2.26	0.45	0.00	0.26	0.04	0.96	0.01	0.10	0.02	0.05	01-01
838	490296	3624481	5.42	3.00	0.60	0.00	0.37	0.06	1.18	0.01	0.11	0.03	0.07	01-01
839	490276	3624491	4.42	2.62	0.52	0.00	0.20	0.03	0.91	0.01	0.07	0.02	0.04	01-01
840	490286	3624491	4.48	2.39	0.48	0.00	0.27	0.04	1.12	0.01	0.10	0.02	0.05	01-01
841	490296	3624491	5.81	3.10	0.62	0.00	0.38	0.06	1.42	0.01	0.12	0.03	0.07	01-01
842	490276	3624501	4.52	2.62	0.52	0.00	0.20	0.03	1.02	0.01	0.07	0.02	0.04	01-01
843	490286	3624501	4.72	2.45	0.49	0.00	0.27	0.04	1.30	0.01	0.09	0.02	0.05	01-01
844	490296	3624501	6.24	3.20	0.64	0.00	0.39	0.06	1.72	0.01	0.12	0.03	0.08	01-01
845	490276	3624511	4.52	2.54	0.50	0.00	0.20	0.03	1.12	0.01	0.07	0.02	0.04	01-01
846	490286	3624511	4.83	2.38	0.47	0.00	0.27	0.04	1.48	0.01	0.10	0.02	0.05	01-01
847	490296	3624511	6.62	3.23	0.64	0.00	0.39	0.06	2.06	0.01	0.11	0.03	0.08	01-01
848	490276	3624521	4.46	2.44	0.48	0.00	0.20	0.03	1.20	0.01	0.06	0.02	0.04	01-01
849	490286	3624521	4.91	2.34	0.47	0.00	0.27	0.04	1.62	0.01	0.09	0.02	0.05	01-01
850	490296	3624521	6.60	2.95	0.59	0.00	0.39	0.06	2.38	0.02	0.11	0.03	0.08	01-01
851	490279	3624525	4.51	2.34	0.47	0.00	0.21	0.03	1.33	0.01	0.06	0.02	0.04	02-03
852	490289	3624525	5.49	2.59	0.51	0.00	0.29	0.04	1.87	0.01	0.09	0.02	0.06	02-03
853	490299	3624525	7.12	2.96	0.59	0.00	0.43	0.07	2.83	0.02	0.11	0.03	0.08	02-03
854	490309	3624525	9.05	2.87	0.57	0.00	0.66	0.10	4.50	0.03	0.15	0.05	0.13	02-03

Franklin School Project

Unmitigated School - Construction Cancer Risk Summary

865	Receptor
11.31	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4	Receptor Typ
855	490319	3624525	10.51	2.53	0.50	0.00	0.67	0.10	6.33	0.04	0.14	0.05	0.13	02-03
856	490279	3624535	4.02	1.92	0.38	0.00	0.20	0.03	1.36	0.01	0.05	0.02	0.04	02-03
857	490289	3624535	4.52	1.75	0.35	0.00	0.28	0.04	1.94	0.01	0.07	0.02	0.05	02-03
858	490299	3624535	5.93	1.87	0.37	0.00	0.41	0.06	2.99	0.02	0.10	0.03	0.08	02-03
859	490309	3624535	8.23	1.83	0.36	0.00	0.64	0.10	4.95	0.03	0.14	0.05	0.12	02-03
860	490319	3624535	10.57	1.98	0.39	0.00	0.59	0.09	7.17	0.05	0.12	0.05	0.12	02-03
861	490279	3624545	3.72	1.70	0.34	0.00	0.19	0.03	1.37	0.01	0.05	0.01	0.04	02-03
862	490289	3624545	5.06	2.24	0.45	0.00	0.25	0.04	1.93	0.01	0.06	0.02	0.05	02-03
863	490299	3624545	5.92	1.99	0.40	0.00	0.36	0.06	2.91	0.02	0.08	0.03	0.07	02-03
864	490309	3624545	8.18	2.14	0.43	0.00	0.55	0.08	4.69	0.03	0.11	0.04	0.11	02-03
865	490319	3624545	11.31	1.97	0.39	0.00	0.56	0.09	7.99	0.05	0.11	0.04	0.11	02-03
866	490298	3624431	2.66	1.46	0.29	0.00	0.22	0.03	0.53	0.00	0.06	0.02	0.04	Port
867	490298	3624441	4.21	2.62	0.52	0.00	0.26	0.04	0.61	0.00	0.08	0.02	0.05	Port
868	490308	3624441	4.16	2.37	0.47	0.00	0.37	0.06	0.68	0.00	0.11	0.03	0.07	Port
869	490318	3624441	3.77	1.76	0.35	0.00	0.54	0.08	0.76	0.01	0.12	0.04	0.11	Port
870	490298	3624451	4.26	2.51	0.50	0.00	0.31	0.05	0.72	0.00	0.09	0.02	0.06	Port
871	490308	3624451	4.73	2.66	0.53	0.00	0.44	0.07	0.81	0.01	0.10	0.03	0.09	Port
872	490318	3624451	4.25	1.94	0.39	0.00	0.60	0.09	0.92	0.01	0.13	0.05	0.12	Port

Franklin School Project

Unmitigated School - Construction Health Impact Assessment

820	Receptor
0.51	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
807	2.99E-01	0.030703	0.014899	3.66E-06	0.064102	0.039261	0.012389	0.001702	0.035368	0.050312287	0.050312287
808	3.21E-01	0.02248	0.010909	3.55E-06	0.072367	0.044327	0.014295	0.001964	0.040828	0.056803319	0.056803319
809	3.20E-01	0.031881	0.015471	3.1E-06	0.070935	0.043452	0.015215	0.00209	0.029979	0.055682255	0.055682255
810	3.40E-01	0.023545	0.011425	3.03E-06	0.076803	0.047048	0.017962	0.002468	0.039737	0.060290195	0.060290195
811	3.40E-01	0.03277	0.015902	2.65E-06	0.073214	0.044851	0.018966	0.002607	0.036866	0.057474348	0.057474348
812	4.05E-01	0.024417	0.011848	2.61E-06	0.092511	0.056677	0.023087	0.003173	0.048502	0.072628353	0.072628353
813	3.54E-01	0.033586	0.016298	2.3E-06	0.074775	0.04581	0.024021	0.003302	0.038617	0.058703086	0.058703086
814	4.37E-01	0.025257	0.012256	2.28E-06	0.099695	0.061082	0.03067	0.004216	0.047357	0.078272643	0.078272643
815	3.74E-01	0.034638	0.016809	2.02E-06	0.078559	0.048131	0.030806	0.004235	0.037687	0.06167681	0.06167681
816	4.10E-01	0.026413	0.012817	2E-06	0.086696	0.053118	0.042156	0.005796	0.046996	0.068066353	0.068066353
817	3.91E-01	0.036645	0.017783	1.78E-06	0.080777	0.049492	0.039742	0.005464	0.03392	0.063420343	0.063420343
818	4.34E-01	0.02862	0.013889	1.77E-06	0.087251	0.053459	0.058808	0.008086	0.047054	0.068504281	0.068504281
819	3.92E-01	0.036903	0.017909	1.58E-06	0.078366	0.048015	0.049128	0.006755	0.032332	0.061527761	0.061527761
820	5.14E-01	0.027394	0.013294	1.58E-06	0.105937	0.064912	0.082511	0.011345	0.042729	0.083178988	0.083178988
821	9.06E-02	0.013459	0.00653	6.62E-06	0.017236	0.010521	0.005605	0.000767	0.009541	0.013487981	0.013487981
822	1.05E-01	0.012311	0.005972	7.2E-06	0.021323	0.013022	0.006168	0.000844	0.012014	0.016693168	0.016693168
823	1.36E-01	0.017086	0.00829	6.72E-06	0.027473	0.016794	0.006817	0.000934	0.015561	0.02152593	0.02152593
824	1.02E-01	0.015602	0.00757	5.21E-06	0.019072	0.011655	0.006291	0.000862	0.011341	0.014940225	0.014940225
825	1.16E-01	0.010881	0.005279	5.52E-06	0.024272	0.01484	0.007032	0.000964	0.015183	0.019020821	0.019020821
826	1.62E-01	0.019765	0.00959	5.33E-06	0.032269	0.019742	0.007879	0.00108	0.020887	0.025301966	0.025301966
827	1.24E-01	0.023972	0.011632	4.53E-06	0.021068	0.012882	0.007147	0.00098	0.013599	0.016512047	0.016512047
828	1.49E-01	0.021664	0.010512	4.32E-06	0.027544	0.016853	0.008141	0.001117	0.019768	0.021599333	0.021599333
829	1.96E-01	0.02878	0.013966	4.33E-06	0.037536	0.022976	0.009255	0.00127	0.023264	0.029445137	0.029445137
830	1.35E-01	0.025159	0.012208	3.49E-06	0.022778	0.013937	0.008131	0.001116	0.01566	0.017862497	0.017862497
831	1.63E-01	0.022347	0.010844	3.56E-06	0.03005	0.018393	0.009405	0.001291	0.023953	0.023572668	0.023572668
832	2.15E-01	0.029938	0.014528	3.58E-06	0.042096	0.025775	0.010954	0.001504	0.024619	0.03303161	0.03303161
833	1.43E-01	0.025924	0.01258	2.92E-06	0.024116	0.014761	0.009254	0.001271	0.017017	0.018917004	0.018917004
834	1.74E-01	0.022934	0.011129	2.99E-06	0.031791	0.019464	0.010877	0.001494	0.02599	0.024943832	0.024943832
835	2.29E-01	0.03066	0.014878	3.02E-06	0.045547	0.027894	0.013113	0.001801	0.023697	0.035745881	0.035745881
836	1.48E-01	0.02667	0.012942	2.57E-06	0.024935	0.015265	0.010259	0.001409	0.017593	0.019562902	0.019562902
837	1.80E-01	0.023753	0.011527	2.64E-06	0.032784	0.020074	0.012245	0.001682	0.026091	0.025725859	0.025725859
838	2.42E-01	0.031446	0.01526	2.66E-06	0.046793	0.028659	0.015106	0.002076	0.029081	0.036726339	0.036726339
839	1.54E-01	0.027529	0.013359	2.22E-06	0.025682	0.015725	0.011636	0.001599	0.018037	0.020151827	0.020151827
840	1.88E-01	0.025105	0.012182	2.27E-06	0.033968	0.020803	0.014294	0.001964	0.026713	0.026658472	0.026658472
841	2.53E-01	0.032526	0.015784	2.3E-06	0.048167	0.029504	0.018191	0.0025	0.030456	0.037808631	0.037808631
842	1.56E-01	0.027439	0.013316	1.93E-06	0.02598	0.015909	0.013036	0.001791	0.018063	0.020387804	0.020387804
843	1.91E-01	0.02568	0.012462	1.98E-06	0.034866	0.021355	0.016638	0.002287	0.023262	0.027365847	0.027365847
844	2.63E-01	0.033538	0.016275	2.01E-06	0.049715	0.030454	0.02205	0.003031	0.029901	0.039025808	0.039025808
845	1.55E-01	0.026618	0.012917	1.7E-06	0.025702	0.01574	0.014276	0.001962	0.017088	0.020171447	0.020171447
846	1.96E-01	0.024919	0.012092	1.74E-06	0.034807	0.02132	0.018884	0.002596	0.026674	0.027320517	0.027320517
847	2.68E-01	0.033922	0.016462	1.77E-06	0.050364	0.030854	0.026398	0.003629	0.027473	0.039537278	0.039537278
848	1.51E-01	0.025555	0.012401	1.51E-06	0.02508	0.015361	0.015293	0.002102	0.015364	0.019684367	0.019684367
849	1.91E-01	0.024538	0.011908	1.55E-06	0.034005	0.02083	0.020778	0.002856	0.022581	0.026692764	0.026692764
850	2.65E-01	0.030971	0.015029	1.57E-06	0.049565	0.030365	0.030467	0.004189	0.026934	0.038911359	0.038911359

Franklin School Project

Unmitigated School - Construction Health Impact Assessment

820	Receptor
0.51	**Max**

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
851	1.58E-01	0.024576	0.011926	1.46E-06	0.026931	0.016495	0.017031	0.002341	0.01614	0.021137698	0.021137698
852	2.10E-01	0.027146	0.013173	1.49E-06	0.037319	0.022861	0.023897	0.003285	0.023344	0.029295087	0.029295087
853	2.91E-01	0.031057	0.015071	1.5E-06	0.05527	0.033862	0.036208	0.004978	0.027352	0.043391611	0.043391611
854	4.15E-01	0.030093	0.014604	1.51E-06	0.083923	0.051421	0.05758	0.007917	0.037227	0.065892367	0.065892367
855	4.41E-01	0.026552	0.012885	1.51E-06	0.086349	0.052908	0.080993	0.011137	0.034676	0.06779745	0.06779745
856	1.45E-01	0.020176	0.009791	1.3E-06	0.025516	0.015629	0.017445	0.002398	0.013728	0.020027599	0.020027599
857	1.86E-01	0.018315	0.008888	1.33E-06	0.035298	0.021624	0.024871	0.003419	0.018637	0.027709751	0.027709751
858	2.63E-01	0.019632	0.009527	1.35E-06	0.051912	0.031805	0.038221	0.005255	0.025291	0.040755923	0.040755923
859	3.95E-01	0.019183	0.009309	1.36E-06	0.081465	0.049916	0.063401	0.008718	0.035019	0.063963557	0.063963557
860	4.08E-01	0.020814	0.010101	1.36E-06	0.075641	0.046347	0.091783	0.012621	0.031885	0.059389757	0.059389757
861	1.35E-01	0.017795	0.008636	1.17E-06	0.024017	0.014711	0.017472	0.002402	0.011823	0.018851711	0.018851711
862	1.82E-01	0.023525	0.011416	1.2E-06	0.032607	0.019975	0.024704	0.003396	0.015407	0.025597418	0.025597418
863	2.42E-01	0.020915	0.010149	1.22E-06	0.046577	0.028536	0.037193	0.005114	0.020525	0.036567366	0.036567366
864	3.55E-01	0.022454	0.010896	1.22E-06	0.070659	0.043295	0.059958	0.008244	0.028492	0.055478521	0.055478521
865	4.02E-01	0.020683	0.010037	1.23E-06	0.071272	0.04367	0.102232	0.014057	0.028248	0.055959763	0.055959763
866	1.36E-01	0.015327	0.007436	7.02E-06	0.028248	0.017267	0.006788	0.000929	0.015628	0.022132879	0.022132879
867	1.76E-01	0.027467	0.013328	5.55E-06	0.033288	0.020365	0.007822	0.001072	0.02089	0.026101051	0.026101051
868	2.24E-01	0.024873	0.012069	5.37E-06	0.046733	0.028605	0.008733	0.001198	0.028397	0.036660163	0.036660163
869	2.91E-01	0.018429	0.008942	5.09E-06	0.069297	0.042435	0.009707	0.001332	0.031903	0.054381554	0.054381554
870	1.98E-01	0.026309	0.012766	4.49E-06	0.039058	0.023908	0.009181	0.00126	0.023744	0.030639532	0.030639532
871	2.59E-01	0.027873	0.013525	4.39E-06	0.05687	0.034824	0.01039	0.001426	0.024425	0.044627381	0.044627381
872	3.22E-01	0.020396	0.009897	4.21E-06	0.076653	0.046949	0.011814	0.001622	0.033869	0.060164081	0.060164081

Risk From Modernization Const - Unmitigated School

Franklin School Project

Risk From Modernization Const - Unmitigated School

	3.52	Max

Onsite

Receptor #	Total/ Million	Total	Conc	g/sec	D1	Dose	R1	ED	Risk
807	2.93	2.9E-06	7.5E+01	2.0E-03	6.1E-04	9.3E-05	4.7E-02	6.7E-01	2.9E-06
808	2.14	2.1E-06	5.5E+01	2.0E-03	6.1E-04	6.8E-05	4.7E-02	6.7E-01	2.1E-06
809	3.04	3.0E-06	7.8E+01	2.0E-03	6.1E-04	9.6E-05	4.7E-02	6.7E-01	3.0E-06
810	2.24	2.2E-06	5.8E+01	2.0E-03	6.1E-04	7.1E-05	4.7E-02	6.7E-01	2.2E-06
811	3.12	3.1E-06	8.0E+01	2.0E-03	6.1E-04	9.9E-05	4.7E-02	6.7E-01	3.1E-06
812	2.33	2.3E-06	6.0E+01	2.0E-03	6.1E-04	7.4E-05	4.7E-02	6.7E-01	2.3E-06
813	3.20	3.2E-06	8.2E+01	2.0E-03	6.1E-04	1.0E-04	4.7E-02	6.7E-01	3.2E-06
814	2.41	2.4E-06	6.2E+01	2.0E-03	6.1E-04	7.6E-05	4.7E-02	6.7E-01	2.4E-06
815	3.30	3.3E-06	8.5E+01	2.0E-03	6.1E-04	1.0E-04	4.7E-02	6.7E-01	3.3E-06
816	2.52	2.5E-06	6.5E+01	2.0E-03	6.1E-04	8.0E-05	4.7E-02	6.7E-01	2.5E-06
817	3.49	3.5E-06	9.0E+01	2.0E-03	6.1E-04	1.1E-04	4.7E-02	6.7E-01	3.5E-06
818	2.73	2.7E-06	7.0E+01	2.0E-03	6.1E-04	8.7E-05	4.7E-02	6.7E-01	2.7E-06
819	3.52	3.5E-06	9.1E+01	2.0E-03	6.1E-04	1.1E-04	4.7E-02	6.7E-01	3.5E-06
820	2.61	2.6E-06	6.7E+01	2.0E-03	6.1E-04	8.3E-05	4.7E-02	6.7E-01	2.6E-06
821	1.28	1.3E-06	3.3E+01	2.0E-03	6.1E-04	4.1E-05	4.7E-02	6.7E-01	1.3E-06
822	1.17	1.2E-06	3.0E+01	2.0E-03	6.1E-04	3.7E-05	4.7E-02	6.7E-01	1.2E-06
823	1.63	1.6E-06	4.2E+01	2.0E-03	6.1E-04	5.2E-05	4.7E-02	6.7E-01	1.6E-06
824	1.49	1.5E-06	3.8E+01	2.0E-03	6.1E-04	4.7E-05	4.7E-02	6.7E-01	1.5E-06
825	1.04	1.0E-06	2.7E+01	2.0E-03	6.1E-04	3.3E-05	4.7E-02	6.7E-01	1.0E-06
826	1.88	1.9E-06	4.9E+01	2.0E-03	6.1E-04	6.0E-05	4.7E-02	6.7E-01	1.9E-06
827	2.29	2.3E-06	5.9E+01	2.0E-03	6.1E-04	7.3E-05	4.7E-02	6.7E-01	2.3E-06
828	2.07	2.1E-06	5.3E+01	2.0E-03	6.1E-04	6.6E-05	4.7E-02	6.7E-01	2.1E-06
829	2.74	2.7E-06	7.1E+01	2.0E-03	6.1E-04	8.7E-05	4.7E-02	6.7E-01	2.7E-06
830	2.40	2.4E-06	6.2E+01	2.0E-03	6.1E-04	7.6E-05	4.7E-02	6.7E-01	2.4E-06
831	2.13	2.1E-06	5.5E+01	2.0E-03	6.1E-04	6.8E-05	4.7E-02	6.7E-01	2.1E-06
832	2.85	2.9E-06	7.4E+01	2.0E-03	6.1E-04	9.1E-05	4.7E-02	6.7E-01	2.9E-06
833	2.47	2.5E-06	6.4E+01	2.0E-03	6.1E-04	7.8E-05	4.7E-02	6.7E-01	2.5E-06
834	2.19	2.2E-06	5.6E+01	2.0E-03	6.1E-04	6.9E-05	4.7E-02	6.7E-01	2.2E-06
835	2.92	2.9E-06	7.5E+01	2.0E-03	6.1E-04	9.3E-05	4.7E-02	6.7E-01	2.9E-06
836	2.54	2.5E-06	6.5E+01	2.0E-03	6.1E-04	8.1E-05	4.7E-02	6.7E-01	2.5E-06
837	2.26	2.3E-06	5.8E+01	2.0E-03	6.1E-04	7.2E-05	4.7E-02	6.7E-01	2.3E-06
838	3.00	3.0E-06	7.7E+01	2.0E-03	6.1E-04	9.5E-05	4.7E-02	6.7E-01	3.0E-06
839	2.62	2.6E-06	6.8E+01	2.0E-03	6.1E-04	8.3E-05	4.7E-02	6.7E-01	2.6E-06
840	2.39	2.4E-06	6.2E+01	2.0E-03	6.1E-04	7.6E-05	4.7E-02	6.7E-01	2.4E-06
841	3.10	3.1E-06	8.0E+01	2.0E-03	6.1E-04	9.8E-05	4.7E-02	6.7E-01	3.1E-06
842	2.62	2.6E-06	6.7E+01	2.0E-03	6.1E-04	8.3E-05	4.7E-02	6.7E-01	2.6E-06
843	2.45	2.4E-06	6.3E+01	2.0E-03	6.1E-04	7.8E-05	4.7E-02	6.7E-01	2.4E-06
844	3.20	3.2E-06	8.2E+01	2.0E-03	6.1E-04	1.0E-04	4.7E-02	6.7E-01	3.2E-06
845	2.54	2.5E-06	6.5E+01	2.0E-03	6.1E-04	8.1E-05	4.7E-02	6.7E-01	2.5E-06
846	2.38	2.4E-06	6.1E+01	2.0E-03	6.1E-04	7.5E-05	4.7E-02	6.7E-01	2.4E-06
847	3.23	3.2E-06	8.3E+01	2.0E-03	6.1E-04	1.0E-04	4.7E-02	6.7E-01	3.2E-06
848	2.44	2.4E-06	6.3E+01	2.0E-03	6.1E-04	7.7E-05	4.7E-02	6.7E-01	2.4E-06
849	2.34	2.3E-06	6.0E+01	2.0E-03	6.1E-04	7.4E-05	4.7E-02	6.7E-01	2.3E-06

Franklin School Project

Risk From Modernization Const - Unmitigated School

	3.52	Max

Onsite

Receptor #	Total/ Million	Total	Conc	g/sec	D1	Dose	R1	ED	Risk
850	2.95	3.0E-06	7.6E+01	2.0E-03	6.1E-04	9.4E-05	4.7E-02	6.7E-01	3.0E-06
851	2.34	2.3E-06	6.0E+01	2.0E-03	6.1E-04	7.4E-05	4.7E-02	6.7E-01	2.3E-06
852	2.59	2.6E-06	6.7E+01	2.0E-03	6.1E-04	8.2E-05	4.7E-02	6.7E-01	2.6E-06
853	2.96	3.0E-06	7.6E+01	2.0E-03	6.1E-04	9.4E-05	4.7E-02	6.7E-01	3.0E-06
854	2.87	2.9E-06	7.4E+01	2.0E-03	6.1E-04	9.1E-05	4.7E-02	6.7E-01	2.9E-06
855	2.53	2.5E-06	6.5E+01	2.0E-03	6.1E-04	8.0E-05	4.7E-02	6.7E-01	2.5E-06
856	1.92	1.9E-06	5.0E+01	2.0E-03	6.1E-04	6.1E-05	4.7E-02	6.7E-01	1.9E-06
857	1.75	1.7E-06	4.5E+01	2.0E-03	6.1E-04	5.5E-05	4.7E-02	6.7E-01	1.7E-06
858	1.87	1.9E-06	4.8E+01	2.0E-03	6.1E-04	5.9E-05	4.7E-02	6.7E-01	1.9E-06
859	1.83	1.8E-06	4.7E+01	2.0E-03	6.1E-04	5.8E-05	4.7E-02	6.7E-01	1.8E-06
860	1.98	2.0E-06	5.1E+01	2.0E-03	6.1E-04	6.3E-05	4.7E-02	6.7E-01	2.0E-06
861	1.70	1.7E-06	4.4E+01	2.0E-03	6.1E-04	5.4E-05	4.7E-02	6.7E-01	1.7E-06
862	2.24	2.2E-06	5.8E+01	2.0E-03	6.1E-04	7.1E-05	4.7E-02	6.7E-01	2.2E-06
863	1.99	2.0E-06	5.1E+01	2.0E-03	6.1E-04	6.3E-05	4.7E-02	6.7E-01	2.0E-06
864	2.14	2.1E-06	5.5E+01	2.0E-03	6.1E-04	6.8E-05	4.7E-02	6.7E-01	2.1E-06
865	1.97	2.0E-06	5.1E+01	2.0E-03	6.1E-04	6.3E-05	4.7E-02	6.7E-01	2.0E-06
866	1.46	1.5E-06	3.8E+01	2.0E-03	6.1E-04	4.6E-05	4.7E-02	6.7E-01	1.5E-06
867	2.62	2.6E-06	6.7E+01	2.0E-03	6.1E-04	8.3E-05	4.7E-02	6.7E-01	2.6E-06
868	2.37	2.4E-06	6.1E+01	2.0E-03	6.1E-04	7.5E-05	4.7E-02	6.7E-01	2.4E-06
869	1.76	1.8E-06	4.5E+01	2.0E-03	6.1E-04	5.6E-05	4.7E-02	6.7E-01	1.8E-06
870	2.51	2.5E-06	6.5E+01	2.0E-03	6.1E-04	8.0E-05	4.7E-02	6.7E-01	2.5E-06
871	2.66	2.7E-06	6.8E+01	2.0E-03	6.1E-04	8.4E-05	4.7E-02	6.7E-01	2.7E-06
872	1.94	1.9E-06	5.0E+01	2.0E-03	6.1E-04	6.2E-05	4.7E-02	6.7E-01	1.9E-06

Franklin School Project

Risk From Modernization Const - Unmitigated School

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
807	2.0E+01	2.4E-07	6.1E-04	2.9E-09	4.7E-02	6.7E-01	9.2E-11	9.9E+00	7.7E-07	6.1E-04	4.6E-09	4.7E-02	6.7E-01	1.5E-10
808	1.7E+01	2.4E-07	6.1E-04	2.5E-09	4.7E-02	6.7E-01	7.9E-11	9.6E+00	7.7E-07	6.1E-04	4.5E-09	4.7E-02	6.7E-01	1.4E-10
809	1.6E+01	2.4E-07	6.1E-04	2.4E-09	4.7E-02	6.7E-01	7.5E-11	8.4E+00	7.7E-07	6.1E-04	3.9E-09	4.7E-02	6.7E-01	1.2E-10
810	1.4E+01	2.4E-07	6.1E-04	2.1E-09	4.7E-02	6.7E-01	6.6E-11	8.2E+00	7.7E-07	6.1E-04	3.8E-09	4.7E-02	6.7E-01	1.2E-10
811	1.3E+01	2.4E-07	6.1E-04	2.0E-09	4.7E-02	6.7E-01	6.2E-11	7.2E+00	7.7E-07	6.1E-04	3.4E-09	4.7E-02	6.7E-01	1.1E-10
812	1.2E+01	2.4E-07	6.1E-04	1.8E-09	4.7E-02	6.7E-01	5.6E-11	7.1E+00	7.7E-07	6.1E-04	3.3E-09	4.7E-02	6.7E-01	1.0E-10
813	1.1E+01	2.4E-07	6.1E-04	1.7E-09	4.7E-02	6.7E-01	5.2E-11	6.2E+00	7.7E-07	6.1E-04	2.9E-09	4.7E-02	6.7E-01	9.2E-11
814	1.0E+01	2.4E-07	6.1E-04	1.5E-09	4.7E-02	6.7E-01	4.8E-11	6.2E+00	7.7E-07	6.1E-04	2.9E-09	4.7E-02	6.7E-01	9.1E-11
815	9.5E+00	2.4E-07	6.1E-04	1.4E-09	4.7E-02	6.7E-01	4.4E-11	5.4E+00	7.7E-07	6.1E-04	2.5E-09	4.7E-02	6.7E-01	8.0E-11
816	8.8E+00	2.4E-07	6.1E-04	1.3E-09	4.7E-02	6.7E-01	4.1E-11	5.4E+00	7.7E-07	6.1E-04	2.5E-09	4.7E-02	6.7E-01	8.0E-11
817	8.2E+00	2.4E-07	6.1E-04	1.2E-09	4.7E-02	6.7E-01	3.8E-11	4.8E+00	7.7E-07	6.1E-04	2.2E-09	4.7E-02	6.7E-01	7.1E-11
818	7.7E+00	2.4E-07	6.1E-04	1.1E-09	4.7E-02	6.7E-01	3.6E-11	4.8E+00	7.7E-07	6.1E-04	2.2E-09	4.7E-02	6.7E-01	7.1E-11
819	7.1E+00	2.4E-07	6.1E-04	1.0E-09	4.7E-02	6.7E-01	3.3E-11	4.3E+00	7.7E-07	6.1E-04	2.0E-09	4.7E-02	6.7E-01	6.3E-11
820	6.7E+00	2.4E-07	6.1E-04	9.9E-10	4.7E-02	6.7E-01	3.1E-11	4.3E+00	7.7E-07	6.1E-04	2.0E-09	4.7E-02	6.7E-01	6.3E-11
821	3.2E+01	2.4E-07	6.1E-04	4.8E-09	4.7E-02	6.7E-01	1.5E-10	1.8E+01	7.7E-07	6.1E-04	8.4E-09	4.7E-02	6.7E-01	2.7E-10
822	6.9E+01	2.4E-07	6.1E-04	1.0E-08	4.7E-02	6.7E-01	3.2E-10	1.8E+01	7.7E-07	6.1E-04	8.6E-09	4.7E-02	6.7E-01	2.7E-10
823	4.7E+01	2.4E-07	6.1E-04	6.9E-09	4.7E-02	6.7E-01	2.2E-10	1.8E+01	7.7E-07	6.1E-04	8.5E-09	4.7E-02	6.7E-01	2.7E-10
824	2.2E+01	2.4E-07	6.1E-04	3.2E-09	4.7E-02	6.7E-01	1.0E-10	1.4E+01	7.7E-07	6.1E-04	6.6E-09	4.7E-02	6.7E-01	2.1E-10
825	5.0E+01	2.4E-07	6.1E-04	7.5E-09	4.7E-02	6.7E-01	2.4E-10	1.4E+01	7.7E-07	6.1E-04	6.8E-09	4.7E-02	6.7E-01	2.1E-10
826	3.7E+01	2.4E-07	6.1E-04	5.5E-09	4.7E-02	6.7E-01	1.7E-10	1.4E+01	7.7E-07	6.1E-04	6.8E-09	4.7E-02	6.7E-01	2.1E-10
827	4.4E+01	2.4E-07	6.1E-04	6.6E-09	4.7E-02	6.7E-01	2.1E-10	1.1E+01	7.7E-07	6.1E-04	5.3E-09	4.7E-02	6.7E-01	1.7E-10
828	3.6E+01	2.4E-07	6.1E-04	5.3E-09	4.7E-02	6.7E-01	1.7E-10	1.2E+01	7.7E-07	6.1E-04	5.5E-09	4.7E-02	6.7E-01	1.7E-10
829	2.9E+01	2.4E-07	6.1E-04	4.3E-09	4.7E-02	6.7E-01	1.3E-10	1.2E+01	7.7E-07	6.1E-04	5.5E-09	4.7E-02	6.7E-01	1.7E-10
830	3.0E+01	2.4E-07	6.1E-04	4.4E-09	4.7E-02	6.7E-01	1.4E-10	9.4E+00	7.7E-07	6.1E-04	4.4E-09	4.7E-02	6.7E-01	1.4E-10
831	2.6E+01	2.4E-07	6.1E-04	3.9E-09	4.7E-02	6.7E-01	1.2E-10	9.7E+00	7.7E-07	6.1E-04	4.5E-09	4.7E-02	6.7E-01	1.4E-10
832	2.2E+01	2.4E-07	6.1E-04	3.3E-09	4.7E-02	6.7E-01	1.0E-10	9.7E+00	7.7E-07	6.1E-04	4.5E-09	4.7E-02	6.7E-01	1.4E-10
833	2.2E+01	2.4E-07	6.1E-04	3.2E-09	4.7E-02	6.7E-01	1.0E-10	7.9E+00	7.7E-07	6.1E-04	3.7E-09	4.7E-02	6.7E-01	1.2E-10
834	2.0E+01	2.4E-07	6.1E-04	2.9E-09	4.7E-02	6.7E-01	9.2E-11	8.1E+00	7.7E-07	6.1E-04	3.8E-09	4.7E-02	6.7E-01	1.2E-10
835	1.8E+01	2.4E-07	6.1E-04	2.6E-09	4.7E-02	6.7E-01	8.3E-11	8.2E+00	7.7E-07	6.1E-04	3.8E-09	4.7E-02	6.7E-01	1.2E-10
836	1.7E+01	2.4E-07	6.1E-04	2.6E-09	4.7E-02	6.7E-01	8.1E-11	7.0E+00	7.7E-07	6.1E-04	3.3E-09	4.7E-02	6.7E-01	1.0E-10
837	1.6E+01	2.4E-07	6.1E-04	2.4E-09	4.7E-02	6.7E-01	7.6E-11	7.1E+00	7.7E-07	6.1E-04	3.3E-09	4.7E-02	6.7E-01	1.1E-10
838	1.5E+01	2.4E-07	6.1E-04	2.2E-09	4.7E-02	6.7E-01	7.0E-11	7.2E+00	7.7E-07	6.1E-04	3.4E-09	4.7E-02	6.7E-01	1.1E-10
839	1.4E+01	2.4E-07	6.1E-04	2.0E-09	4.7E-02	6.7E-01	6.4E-11	6.0E+00	7.7E-07	6.1E-04	2.8E-09	4.7E-02	6.7E-01	8.8E-11
840	1.3E+01	2.4E-07	6.1E-04	1.9E-09	4.7E-02	6.7E-01	6.1E-11	6.1E+00	7.7E-07	6.1E-04	2.9E-09	4.7E-02	6.7E-01	9.1E-11
841	1.2E+01	2.4E-07	6.1E-04	1.8E-09	4.7E-02	6.7E-01	5.7E-11	6.2E+00	7.7E-07	6.1E-04	2.9E-09	4.7E-02	6.7E-01	9.2E-11
842	1.1E+01	2.4E-07	6.1E-04	1.6E-09	4.7E-02	6.7E-01	5.2E-11	5.2E+00	7.7E-07	6.1E-04	2.4E-09	4.7E-02	6.7E-01	7.7E-11
843	1.1E+01	2.4E-07	6.1E-04	1.6E-09	4.7E-02	6.7E-01	5.0E-11	5.4E+00	7.7E-07	6.1E-04	2.5E-09	4.7E-02	6.7E-01	7.9E-11
844	1.0E+01	2.4E-07	6.1E-04	1.5E-09	4.7E-02	6.7E-01	4.8E-11	5.4E+00	7.7E-07	6.1E-04	2.5E-09	4.7E-02	6.7E-01	8.0E-11
845	9.1E+00	2.4E-07	6.1E-04	1.4E-09	4.7E-02	6.7E-01	4.3E-11	4.6E+00	7.7E-07	6.1E-04	2.1E-09	4.7E-02	6.7E-01	6.8E-11
846	8.9E+00	2.4E-07	6.1E-04	1.3E-09	4.7E-02	6.7E-01	4.2E-11	4.7E+00	7.7E-07	6.1E-04	2.2E-09	4.7E-02	6.7E-01	6.9E-11
847	8.6E+00	2.4E-07	6.1E-04	1.3E-09	4.7E-02	6.7E-01	4.0E-11	4.8E+00	7.7E-07	6.1E-04	2.2E-09	4.7E-02	6.7E-01	7.0E-11
848	7.7E+00	2.4E-07	6.1E-04	1.1E-09	4.7E-02	6.7E-01	3.6E-11	4.1E+00	7.7E-07	6.1E-04	1.9E-09	4.7E-02	6.7E-01	6.0E-11
849	7.6E+00	2.4E-07	6.1E-04	1.1E-09	4.7E-02	6.7E-01	3.5E-11	4.2E+00	7.7E-07	6.1E-04	2.0E-09	4.7E-02	6.7E-01	6.2E-11

Franklin School Project

Risk From Modernization Const - Unmitigated School

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
850	7.4E+00	2.4E-07	6.1E-04	1.1E-09	4.7E-02	6.7E-01	3.4E-11	4.2E+00	7.7E-07	6.1E-04	2.0E-09	4.7E-02	6.7E-01	6.2E-11
851	7.2E+00	2.4E-07	6.1E-04	1.1E-09	4.7E-02	6.7E-01	3.4E-11	3.9E+00	7.7E-07	6.1E-04	1.8E-09	4.7E-02	6.7E-01	5.8E-11
852	7.1E+00	2.4E-07	6.1E-04	1.0E-09	4.7E-02	6.7E-01	3.3E-11	4.0E+00	7.7E-07	6.1E-04	1.9E-09	4.7E-02	6.7E-01	5.9E-11
853	6.9E+00	2.4E-07	6.1E-04	1.0E-09	4.7E-02	6.7E-01	3.2E-11	4.1E+00	7.7E-07	6.1E-04	1.9E-09	4.7E-02	6.7E-01	6.0E-11
854	6.6E+00	2.4E-07	6.1E-04	9.8E-10	4.7E-02	6.7E-01	3.1E-11	4.1E+00	7.7E-07	6.1E-04	1.9E-09	4.7E-02	6.7E-01	6.0E-11
855	6.3E+00	2.4E-07	6.1E-04	9.3E-10	4.7E-02	6.7E-01	2.9E-11	4.1E+00	7.7E-07	6.1E-04	1.9E-09	4.7E-02	6.7E-01	6.0E-11
856	6.2E+00	2.4E-07	6.1E-04	9.2E-10	4.7E-02	6.7E-01	2.9E-11	3.5E+00	7.7E-07	6.1E-04	1.6E-09	4.7E-02	6.7E-01	5.2E-11
857	6.1E+00	2.4E-07	6.1E-04	9.1E-10	4.7E-02	6.7E-01	2.9E-11	3.6E+00	7.7E-07	6.1E-04	1.7E-09	4.7E-02	6.7E-01	5.3E-11
858	6.0E+00	2.4E-07	6.1E-04	8.9E-10	4.7E-02	6.7E-01	2.8E-11	3.6E+00	7.7E-07	6.1E-04	1.7E-09	4.7E-02	6.7E-01	5.4E-11
859	5.8E+00	2.4E-07	6.1E-04	8.6E-10	4.7E-02	6.7E-01	2.7E-11	3.7E+00	7.7E-07	6.1E-04	1.7E-09	4.7E-02	6.7E-01	5.4E-11
860	5.6E+00	2.4E-07	6.1E-04	8.3E-10	4.7E-02	6.7E-01	2.6E-11	3.7E+00	7.7E-07	6.1E-04	1.7E-09	4.7E-02	6.7E-01	5.4E-11
861	5.4E+00	2.4E-07	6.1E-04	8.0E-10	4.7E-02	6.7E-01	2.5E-11	3.2E+00	7.7E-07	6.1E-04	1.5E-09	4.7E-02	6.7E-01	4.7E-11
862	5.3E+00	2.4E-07	6.1E-04	7.9E-10	4.7E-02	6.7E-01	2.5E-11	3.2E+00	7.7E-07	6.1E-04	1.5E-09	4.7E-02	6.7E-01	4.8E-11
863	5.3E+00	2.4E-07	6.1E-04	7.8E-10	4.7E-02	6.7E-01	2.5E-11	3.3E+00	7.7E-07	6.1E-04	1.5E-09	4.7E-02	6.7E-01	4.8E-11
864	5.1E+00	2.4E-07	6.1E-04	7.6E-10	4.7E-02	6.7E-01	2.4E-11	3.3E+00	7.7E-07	6.1E-04	1.5E-09	4.7E-02	6.7E-01	4.9E-11
865	5.0E+00	2.4E-07	6.1E-04	7.4E-10	4.7E-02	6.7E-01	2.3E-11	3.3E+00	7.7E-07	6.1E-04	1.5E-09	4.7E-02	6.7E-01	4.9E-11
866	4.6E+01	2.4E-07	6.1E-04	6.7E-09	4.7E-02	6.7E-01	2.1E-10	1.9E+01	7.7E-07	6.1E-04	8.9E-09	4.7E-02	6.7E-01	2.8E-10
867	3.7E+01	2.4E-07	6.1E-04	5.5E-09	4.7E-02	6.7E-01	1.7E-10	1.5E+01	7.7E-07	6.1E-04	7.1E-09	4.7E-02	6.7E-01	2.2E-10
868	2.9E+01	2.4E-07	6.1E-04	4.2E-09	4.7E-02	6.7E-01	1.3E-10	1.5E+01	7.7E-07	6.1E-04	6.8E-09	4.7E-02	6.7E-01	2.2E-10
869	2.3E+01	2.4E-07	6.1E-04	3.4E-09	4.7E-02	6.7E-01	1.1E-10	1.4E+01	7.7E-07	6.1E-04	6.5E-09	4.7E-02	6.7E-01	2.0E-10
870	2.9E+01	2.4E-07	6.1E-04	4.3E-09	4.7E-02	6.7E-01	1.4E-10	1.2E+01	7.7E-07	6.1E-04	5.7E-09	4.7E-02	6.7E-01	1.8E-10
871	2.4E+01	2.4E-07	6.1E-04	3.5E-09	4.7E-02	6.7E-01	1.1E-10	1.2E+01	7.7E-07	6.1E-04	5.6E-09	4.7E-02	6.7E-01	1.8E-10
872	2.0E+01	2.4E-07	6.1E-04	2.9E-09	4.7E-02	6.7E-01	9.2E-11	1.1E+01	7.7E-07	6.1E-04	5.3E-09	4.7E-02	6.7E-01	1.7E-10

Franklin School Project

Risk From Modernization Const - Unmitigated School

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
807	3.6E+00	1.6E-06	6.1E-04	3.5E-09	4.7E-02	6.7E-01	1.1E-10	8.5E-01	1.7E-07	6.1E-04	8.8E-11	4.7E-02	6.7E-01	2.8E-12
808	3.5E+00	1.6E-06	6.1E-04	3.4E-09	4.7E-02	6.7E-01	1.1E-10	8.3E-01	1.7E-07	6.1E-04	8.6E-11	4.7E-02	6.7E-01	2.7E-12
809	3.3E+00	1.6E-06	6.1E-04	3.1E-09	4.7E-02	6.7E-01	9.9E-11	8.2E-01	1.7E-07	6.1E-04	8.4E-11	4.7E-02	6.7E-01	2.7E-12
810	3.2E+00	1.6E-06	6.1E-04	3.1E-09	4.7E-02	6.7E-01	9.6E-11	8.0E-01	1.7E-07	6.1E-04	8.2E-11	4.7E-02	6.7E-01	2.6E-12
811	2.9E+00	1.6E-06	6.1E-04	2.8E-09	4.7E-02	6.7E-01	8.9E-11	7.8E-01	1.7E-07	6.1E-04	8.1E-11	4.7E-02	6.7E-01	2.5E-12
812	2.9E+00	1.6E-06	6.1E-04	2.8E-09	4.7E-02	6.7E-01	8.7E-11	7.7E-01	1.7E-07	6.1E-04	7.9E-11	4.7E-02	6.7E-01	2.5E-12
813	2.7E+00	1.6E-06	6.1E-04	2.6E-09	4.7E-02	6.7E-01	8.1E-11	7.5E-01	1.7E-07	6.1E-04	7.8E-11	4.7E-02	6.7E-01	2.4E-12
814	2.6E+00	1.6E-06	6.1E-04	2.5E-09	4.7E-02	6.7E-01	7.9E-11	7.4E-01	1.7E-07	6.1E-04	7.6E-11	4.7E-02	6.7E-01	2.4E-12
815	2.4E+00	1.6E-06	6.1E-04	2.3E-09	4.7E-02	6.7E-01	7.3E-11	7.2E-01	1.7E-07	6.1E-04	7.5E-11	4.7E-02	6.7E-01	2.4E-12
816	2.4E+00	1.6E-06	6.1E-04	2.3E-09	4.7E-02	6.7E-01	7.3E-11	7.1E-01	1.7E-07	6.1E-04	7.3E-11	4.7E-02	6.7E-01	2.3E-12
817	2.2E+00	1.6E-06	6.1E-04	2.1E-09	4.7E-02	6.7E-01	6.7E-11	7.0E-01	1.7E-07	6.1E-04	7.2E-11	4.7E-02	6.7E-01	2.3E-12
818	2.2E+00	1.6E-06	6.1E-04	2.1E-09	4.7E-02	6.7E-01	6.6E-11	6.8E-01	1.7E-07	6.1E-04	7.1E-11	4.7E-02	6.7E-01	2.2E-12
819	2.0E+00	1.6E-06	6.1E-04	2.0E-09	4.7E-02	6.7E-01	6.2E-11	6.7E-01	1.7E-07	6.1E-04	6.9E-11	4.7E-02	6.7E-01	2.2E-12
820	2.0E+00	1.6E-06	6.1E-04	1.9E-09	4.7E-02	6.7E-01	6.1E-11	6.6E-01	1.7E-07	6.1E-04	6.8E-11	4.7E-02	6.7E-01	2.1E-12
821	5.7E+00	1.6E-06	6.1E-04	5.4E-09	4.7E-02	6.7E-01	1.7E-10	1.0E+00	1.7E-07	6.1E-04	1.1E-10	4.7E-02	6.7E-01	3.3E-12
822	5.6E+00	1.6E-06	6.1E-04	5.3E-09	4.7E-02	6.7E-01	1.7E-10	1.0E+00	1.7E-07	6.1E-04	1.0E-10	4.7E-02	6.7E-01	3.3E-12
823	5.4E+00	1.6E-06	6.1E-04	5.2E-09	4.7E-02	6.7E-01	1.6E-10	9.8E-01	1.7E-07	6.1E-04	1.0E-10	4.7E-02	6.7E-01	3.2E-12
824	4.8E+00	1.6E-06	6.1E-04	4.6E-09	4.7E-02	6.7E-01	1.5E-10	9.8E-01	1.7E-07	6.1E-04	1.0E-10	4.7E-02	6.7E-01	3.2E-12
825	4.8E+00	1.6E-06	6.1E-04	4.6E-09	4.7E-02	6.7E-01	1.4E-10	9.6E-01	1.7E-07	6.1E-04	9.9E-11	4.7E-02	6.7E-01	3.1E-12
826	4.7E+00	1.6E-06	6.1E-04	4.5E-09	4.7E-02	6.7E-01	1.4E-10	9.4E-01	1.7E-07	6.1E-04	9.7E-11	4.7E-02	6.7E-01	3.1E-12
827	4.2E+00	1.6E-06	6.1E-04	4.0E-09	4.7E-02	6.7E-01	1.3E-10	9.4E-01	1.7E-07	6.1E-04	9.7E-11	4.7E-02	6.7E-01	3.0E-12
828	4.2E+00	1.6E-06	6.1E-04	4.0E-09	4.7E-02	6.7E-01	1.3E-10	9.2E-01	1.7E-07	6.1E-04	9.5E-11	4.7E-02	6.7E-01	3.0E-12
829	4.1E+00	1.6E-06	6.1E-04	3.9E-09	4.7E-02	6.7E-01	1.2E-10	9.0E-01	1.7E-07	6.1E-04	9.3E-11	4.7E-02	6.7E-01	2.9E-12
830	3.7E+00	1.6E-06	6.1E-04	3.5E-09	4.7E-02	6.7E-01	1.1E-10	9.0E-01	1.7E-07	6.1E-04	9.2E-11	4.7E-02	6.7E-01	2.9E-12
831	3.7E+00	1.6E-06	6.1E-04	3.5E-09	4.7E-02	6.7E-01	1.1E-10	8.8E-01	1.7E-07	6.1E-04	9.1E-11	4.7E-02	6.7E-01	2.9E-12
832	3.6E+00	1.6E-06	6.1E-04	3.5E-09	4.7E-02	6.7E-01	1.1E-10	8.6E-01	1.7E-07	6.1E-04	8.9E-11	4.7E-02	6.7E-01	2.8E-12
833	3.2E+00	1.6E-06	6.1E-04	3.1E-09	4.7E-02	6.7E-01	9.8E-11	8.6E-01	1.7E-07	6.1E-04	8.8E-11	4.7E-02	6.7E-01	2.8E-12
834	3.3E+00	1.6E-06	6.1E-04	3.1E-09	4.7E-02	6.7E-01	9.9E-11	8.4E-01	1.7E-07	6.1E-04	8.7E-11	4.7E-02	6.7E-01	2.7E-12
835	3.2E+00	1.6E-06	6.1E-04	3.1E-09	4.7E-02	6.7E-01	9.8E-11	8.3E-01	1.7E-07	6.1E-04	8.5E-11	4.7E-02	6.7E-01	2.7E-12
836	3.0E+00	1.6E-06	6.1E-04	2.8E-09	4.7E-02	6.7E-01	9.0E-11	8.3E-01	1.7E-07	6.1E-04	8.6E-11	4.7E-02	6.7E-01	2.7E-12
837	3.0E+00	1.6E-06	6.1E-04	2.9E-09	4.7E-02	6.7E-01	9.0E-11	8.1E-01	1.7E-07	6.1E-04	8.4E-11	4.7E-02	6.7E-01	2.6E-12
838	3.0E+00	1.6E-06	6.1E-04	2.9E-09	4.7E-02	6.7E-01	9.0E-11	8.0E-01	1.7E-07	6.1E-04	8.3E-11	4.7E-02	6.7E-01	2.6E-12
839	2.7E+00	1.6E-06	6.1E-04	2.6E-09	4.7E-02	6.7E-01	8.1E-11	7.9E-01	1.7E-07	6.1E-04	8.2E-11	4.7E-02	6.7E-01	2.6E-12
840	2.7E+00	1.6E-06	6.1E-04	2.6E-09	4.7E-02	6.7E-01	8.1E-11	7.8E-01	1.7E-07	6.1E-04	8.1E-11	4.7E-02	6.7E-01	2.5E-12
841	2.7E+00	1.6E-06	6.1E-04	2.6E-09	4.7E-02	6.7E-01	8.1E-11	7.7E-01	1.7E-07	6.1E-04	7.9E-11	4.7E-02	6.7E-01	2.5E-12
842	2.4E+00	1.6E-06	6.1E-04	2.3E-09	4.7E-02	6.7E-01	7.3E-11	7.6E-01	1.7E-07	6.1E-04	7.9E-11	4.7E-02	6.7E-01	2.5E-12
843	2.4E+00	1.6E-06	6.1E-04	2.3E-09	4.7E-02	6.7E-01	7.4E-11	7.5E-01	1.7E-07	6.1E-04	7.7E-11	4.7E-02	6.7E-01	2.4E-12
844	2.4E+00	1.6E-06	6.1E-04	2.3E-09	4.7E-02	6.7E-01	7.4E-11	7.4E-01	1.7E-07	6.1E-04	7.6E-11	4.7E-02	6.7E-01	2.4E-12
845	2.2E+00	1.6E-06	6.1E-04	2.1E-09	4.7E-02	6.7E-01	6.7E-11	7.3E-01	1.7E-07	6.1E-04	7.6E-11	4.7E-02	6.7E-01	2.4E-12
846	2.2E+00	1.6E-06	6.1E-04	2.1E-09	4.7E-02	6.7E-01	6.7E-11	7.2E-01	1.7E-07	6.1E-04	7.4E-11	4.7E-02	6.7E-01	2.3E-12
847	2.2E+00	1.6E-06	6.1E-04	2.1E-09	4.7E-02	6.7E-01	6.7E-11	7.1E-01	1.7E-07	6.1E-04	7.3E-11	4.7E-02	6.7E-01	2.3E-12
848	2.0E+00	1.6E-06	6.1E-04	1.9E-09	4.7E-02	6.7E-01	6.1E-11	7.0E-01	1.7E-07	6.1E-04	7.3E-11	4.7E-02	6.7E-01	2.3E-12
849	2.0E+00	1.6E-06	6.1E-04	1.9E-09	4.7E-02	6.7E-01	6.1E-11	6.9E-01	1.7E-07	6.1E-04	7.2E-11	4.7E-02	6.7E-01	2.3E-12

Franklin School Project

Risk From Modernization Const - Unmitigated School

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
850	2.0E+00	1.6E-06	6.1E-04	2.0E-09	4.7E-02	6.7E-01	6.2E-11	6.8E-01	1.7E-07	6.1E-04	7.0E-11	4.7E-02	6.7E-01	2.2E-12
851	1.9E+00	1.6E-06	6.1E-04	1.9E-09	4.7E-02	6.7E-01	5.9E-11	6.9E-01	1.7E-07	6.1E-04	7.1E-11	4.7E-02	6.7E-01	2.2E-12
852	2.0E+00	1.6E-06	6.1E-04	1.9E-09	4.7E-02	6.7E-01	5.9E-11	6.8E-01	1.7E-07	6.1E-04	7.0E-11	4.7E-02	6.7E-01	2.2E-12
853	2.0E+00	1.6E-06	6.1E-04	1.9E-09	4.7E-02	6.7E-01	6.0E-11	6.7E-01	1.7E-07	6.1E-04	6.9E-11	4.7E-02	6.7E-01	2.2E-12
854	2.0E+00	1.6E-06	6.1E-04	1.9E-09	4.7E-02	6.7E-01	5.9E-11	6.6E-01	1.7E-07	6.1E-04	6.8E-11	4.7E-02	6.7E-01	2.1E-12
855	2.0E+00	1.6E-06	6.1E-04	1.9E-09	4.7E-02	6.7E-01	5.9E-11	6.5E-01	1.7E-07	6.1E-04	6.7E-11	4.7E-02	6.7E-01	2.1E-12
856	1.8E+00	1.6E-06	6.1E-04	1.7E-09	4.7E-02	6.7E-01	5.4E-11	6.6E-01	1.7E-07	6.1E-04	6.9E-11	4.7E-02	6.7E-01	2.2E-12
857	1.8E+00	1.6E-06	6.1E-04	1.7E-09	4.7E-02	6.7E-01	5.5E-11	6.5E-01	1.7E-07	6.1E-04	6.8E-11	4.7E-02	6.7E-01	2.1E-12
858	1.8E+00	1.6E-06	6.1E-04	1.7E-09	4.7E-02	6.7E-01	5.5E-11	6.5E-01	1.7E-07	6.1E-04	6.7E-11	4.7E-02	6.7E-01	2.1E-12
859	1.8E+00	1.6E-06	6.1E-04	1.7E-09	4.7E-02	6.7E-01	5.5E-11	6.4E-01	1.7E-07	6.1E-04	6.6E-11	4.7E-02	6.7E-01	2.1E-12
860	1.8E+00	1.6E-06	6.1E-04	1.7E-09	4.7E-02	6.7E-01	5.5E-11	6.2E-01	1.7E-07	6.1E-04	6.4E-11	4.7E-02	6.7E-01	2.0E-12
861	1.7E+00	1.6E-06	6.1E-04	1.6E-09	4.7E-02	6.7E-01	5.0E-11	6.4E-01	1.7E-07	6.1E-04	6.6E-11	4.7E-02	6.7E-01	2.1E-12
862	1.7E+00	1.6E-06	6.1E-04	1.6E-09	4.7E-02	6.7E-01	5.1E-11	6.3E-01	1.7E-07	6.1E-04	6.5E-11	4.7E-02	6.7E-01	2.1E-12
863	1.7E+00	1.6E-06	6.1E-04	1.6E-09	4.7E-02	6.7E-01	5.1E-11	6.2E-01	1.7E-07	6.1E-04	6.4E-11	4.7E-02	6.7E-01	2.0E-12
864	1.7E+00	1.6E-06	6.1E-04	1.6E-09	4.7E-02	6.7E-01	5.1E-11	6.1E-01	1.7E-07	6.1E-04	6.3E-11	4.7E-02	6.7E-01	2.0E-12
865	1.7E+00	1.6E-06	6.1E-04	1.6E-09	4.7E-02	6.7E-01	5.1E-11	6.0E-01	1.7E-07	6.1E-04	6.2E-11	4.7E-02	6.7E-01	2.0E-12
866	5.5E+00	1.6E-06	6.1E-04	5.3E-09	4.7E-02	6.7E-01	1.7E-10	9.9E-01	1.7E-07	6.1E-04	1.0E-10	4.7E-02	6.7E-01	3.2E-12
867	4.8E+00	1.6E-06	6.1E-04	4.6E-09	4.7E-02	6.7E-01	1.4E-10	9.4E-01	1.7E-07	6.1E-04	9.7E-11	4.7E-02	6.7E-01	3.1E-12
868	4.6E+00	1.6E-06	6.1E-04	4.4E-09	4.7E-02	6.7E-01	1.4E-10	9.2E-01	1.7E-07	6.1E-04	9.5E-11	4.7E-02	6.7E-01	3.0E-12
869	4.4E+00	1.6E-06	6.1E-04	4.2E-09	4.7E-02	6.7E-01	1.3E-10	9.0E-01	1.7E-07	6.1E-04	9.3E-11	4.7E-02	6.7E-01	2.9E-12
870	4.2E+00	1.6E-06	6.1E-04	4.0E-09	4.7E-02	6.7E-01	1.3E-10	9.0E-01	1.7E-07	6.1E-04	9.3E-11	4.7E-02	6.7E-01	2.9E-12
871	4.1E+00	1.6E-06	6.1E-04	3.9E-09	4.7E-02	6.7E-01	1.2E-10	8.8E-01	1.7E-07	6.1E-04	9.1E-11	4.7E-02	6.7E-01	2.9E-12
872	3.9E+00	1.6E-06	6.1E-04	3.8E-09	4.7E-02	6.7E-01	1.2E-10	8.6E-01	1.7E-07	6.1E-04	8.9E-11	4.7E-02	6.7E-01	2.8E-12

Risk From Modernization AC - Unmitigated School

Franklin School Project

Risk From Modernization AC - Unmitigated School

0.70	Max

						Onsite			
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
807	0.58	5.8E-07	7.5E+01	9.9E-04	6.1E-04	4.5E-05	4.7E-02	2.7E-01	5.8E-07
808	0.43	4.3E-07	5.5E+01	9.9E-04	6.1E-04	3.3E-05	4.7E-02	2.7E-01	4.3E-07
809	0.60	6.0E-07	7.8E+01	9.9E-04	6.1E-04	4.7E-05	4.7E-02	2.7E-01	6.0E-07
810	0.45	4.5E-07	5.8E+01	9.9E-04	6.1E-04	3.5E-05	4.7E-02	2.7E-01	4.5E-07
811	0.62	6.2E-07	8.0E+01	9.9E-04	6.1E-04	4.8E-05	4.7E-02	2.7E-01	6.2E-07
812	0.46	4.6E-07	6.0E+01	9.9E-04	6.1E-04	3.6E-05	4.7E-02	2.7E-01	4.6E-07
813	0.64	6.4E-07	8.2E+01	9.9E-04	6.1E-04	4.9E-05	4.7E-02	2.7E-01	6.4E-07
814	0.48	4.8E-07	6.2E+01	9.9E-04	6.1E-04	3.7E-05	4.7E-02	2.7E-01	4.8E-07
815	0.66	6.6E-07	8.5E+01	9.9E-04	6.1E-04	5.1E-05	4.7E-02	2.7E-01	6.6E-07
816	0.50	5.0E-07	6.5E+01	9.9E-04	6.1E-04	3.9E-05	4.7E-02	2.7E-01	5.0E-07
817	0.69	6.9E-07	9.0E+01	9.9E-04	6.1E-04	5.4E-05	4.7E-02	2.7E-01	6.9E-07
818	0.54	5.4E-07	7.0E+01	9.9E-04	6.1E-04	4.2E-05	4.7E-02	2.7E-01	5.4E-07
819	0.70	7.0E-07	9.1E+01	9.9E-04	6.1E-04	5.4E-05	4.7E-02	2.7E-01	7.0E-07
820	0.52	5.2E-07	6.7E+01	9.9E-04	6.1E-04	4.0E-05	4.7E-02	2.7E-01	5.2E-07
821	0.26	2.6E-07	3.3E+01	9.9E-04	6.1E-04	2.0E-05	4.7E-02	2.7E-01	2.6E-07
822	0.23	2.3E-07	3.0E+01	9.9E-04	6.1E-04	1.8E-05	4.7E-02	2.7E-01	2.3E-07
823	0.32	3.2E-07	4.2E+01	9.9E-04	6.1E-04	2.5E-05	4.7E-02	2.7E-01	3.2E-07
824	0.30	3.0E-07	3.8E+01	9.9E-04	6.1E-04	2.3E-05	4.7E-02	2.7E-01	3.0E-07
825	0.21	2.1E-07	2.7E+01	9.9E-04	6.1E-04	1.6E-05	4.7E-02	2.7E-01	2.1E-07
826	0.37	3.7E-07	4.9E+01	9.9E-04	6.1E-04	2.9E-05	4.7E-02	2.7E-01	3.7E-07
827	0.45	4.5E-07	5.9E+01	9.9E-04	6.1E-04	3.5E-05	4.7E-02	2.7E-01	4.5E-07
828	0.41	4.1E-07	5.3E+01	9.9E-04	6.1E-04	3.2E-05	4.7E-02	2.7E-01	4.1E-07
829	0.55	5.5E-07	7.1E+01	9.9E-04	6.1E-04	4.2E-05	4.7E-02	2.7E-01	5.5E-07
830	0.48	4.8E-07	6.2E+01	9.9E-04	6.1E-04	3.7E-05	4.7E-02	2.7E-01	4.8E-07
831	0.42	4.2E-07	5.5E+01	9.9E-04	6.1E-04	3.3E-05	4.7E-02	2.7E-01	4.2E-07
832	0.57	5.7E-07	7.4E+01	9.9E-04	6.1E-04	4.4E-05	4.7E-02	2.7E-01	5.7E-07
833	0.49	4.9E-07	6.4E+01	9.9E-04	6.1E-04	3.8E-05	4.7E-02	2.7E-01	4.9E-07
834	0.43	4.3E-07	5.6E+01	9.9E-04	6.1E-04	3.4E-05	4.7E-02	2.7E-01	4.3E-07
835	0.58	5.8E-07	7.5E+01	9.9E-04	6.1E-04	4.5E-05	4.7E-02	2.7E-01	5.8E-07
836	0.51	5.1E-07	6.5E+01	9.9E-04	6.1E-04	3.9E-05	4.7E-02	2.7E-01	5.1E-07
837	0.45	4.5E-07	5.8E+01	9.9E-04	6.1E-04	3.5E-05	4.7E-02	2.7E-01	4.5E-07
838	0.60	6.0E-07	7.7E+01	9.9E-04	6.1E-04	4.6E-05	4.7E-02	2.7E-01	6.0E-07
839	0.52	5.2E-07	6.8E+01	9.9E-04	6.1E-04	4.0E-05	4.7E-02	2.7E-01	5.2E-07
840	0.48	4.8E-07	6.2E+01	9.9E-04	6.1E-04	3.7E-05	4.7E-02	2.7E-01	4.8E-07
841	0.62	6.2E-07	8.0E+01	9.9E-04	6.1E-04	4.8E-05	4.7E-02	2.7E-01	6.2E-07
842	0.52	5.2E-07	6.7E+01	9.9E-04	6.1E-04	4.0E-05	4.7E-02	2.7E-01	5.2E-07
843	0.49	4.9E-07	6.3E+01	9.9E-04	6.1E-04	3.8E-05	4.7E-02	2.7E-01	4.9E-07
844	0.64	6.4E-07	8.2E+01	9.9E-04	6.1E-04	4.9E-05	4.7E-02	2.7E-01	6.4E-07
845	0.50	5.0E-07	6.5E+01	9.9E-04	6.1E-04	3.9E-05	4.7E-02	2.7E-01	5.0E-07

846	0.47	4.7E-07	6.1E+01	9.9E-04	6.1E-04	3.7E-05	4.7E-02	2.7E-01	4.7E-07
847	0.64	6.4E-07	8.3E+01	9.9E-04	6.1E-04	5.0E-05	4.7E-02	2.7E-01	6.4E-07
848	0.48	4.8E-07	6.3E+01	9.9E-04	6.1E-04	3.8E-05	4.7E-02	2.7E-01	4.8E-07
849	0.47	4.7E-07	6.0E+01	9.9E-04	6.1E-04	3.6E-05	4.7E-02	2.7E-01	4.7E-07
850	0.59	5.9E-07	7.6E+01	9.9E-04	6.1E-04	4.5E-05	4.7E-02	2.7E-01	5.9E-07
851	0.47	4.7E-07	6.0E+01	9.9E-04	6.1E-04	3.6E-05	4.7E-02	2.7E-01	4.7E-07
852	0.51	5.1E-07	6.7E+01	9.9E-04	6.1E-04	4.0E-05	4.7E-02	2.7E-01	5.1E-07
853	0.59	5.9E-07	7.6E+01	9.9E-04	6.1E-04	4.6E-05	4.7E-02	2.7E-01	5.9E-07
854	0.57	5.7E-07	7.4E+01	9.9E-04	6.1E-04	4.4E-05	4.7E-02	2.7E-01	5.7E-07
855	0.50	5.0E-07	6.5E+01	9.9E-04	6.1E-04	3.9E-05	4.7E-02	2.7E-01	5.0E-07
856	0.38	3.8E-07	5.0E+01	9.9E-04	6.1E-04	3.0E-05	4.7E-02	2.7E-01	3.8E-07
857	0.35	3.5E-07	4.5E+01	9.9E-04	6.1E-04	2.7E-05	4.7E-02	2.7E-01	3.5E-07
858	0.37	3.7E-07	4.8E+01	9.9E-04	6.1E-04	2.9E-05	4.7E-02	2.7E-01	3.7E-07
859	0.36	3.6E-07	4.7E+01	9.9E-04	6.1E-04	2.8E-05	4.7E-02	2.7E-01	3.6E-07
860	0.39	3.9E-07	5.1E+01	9.9E-04	6.1E-04	3.1E-05	4.7E-02	2.7E-01	3.9E-07
861	0.34	3.4E-07	4.4E+01	9.9E-04	6.1E-04	2.6E-05	4.7E-02	2.7E-01	3.4E-07
862	0.45	4.5E-07	5.8E+01	9.9E-04	6.1E-04	3.5E-05	4.7E-02	2.7E-01	4.5E-07
863	0.40	4.0E-07	5.1E+01	9.9E-04	6.1E-04	3.1E-05	4.7E-02	2.7E-01	4.0E-07
864	0.43	4.3E-07	5.5E+01	9.9E-04	6.1E-04	3.3E-05	4.7E-02	2.7E-01	4.3E-07
865	0.39	3.9E-07	5.1E+01	9.9E-04	6.1E-04	3.0E-05	4.7E-02	2.7E-01	3.9E-07
866	0.29	2.9E-07	3.8E+01	9.9E-04	6.1E-04	2.2E-05	4.7E-02	2.7E-01	2.9E-07
867	0.52	5.2E-07	6.7E+01	9.9E-04	6.1E-04	4.0E-05	4.7E-02	2.7E-01	5.2E-07
868	0.47	4.7E-07	6.1E+01	9.9E-04	6.1E-04	3.7E-05	4.7E-02	2.7E-01	4.7E-07
869	0.35	3.5E-07	4.5E+01	9.9E-04	6.1E-04	2.7E-05	4.7E-02	2.7E-01	3.5E-07
870	0.50	5.0E-07	6.5E+01	9.9E-04	6.1E-04	3.9E-05	4.7E-02	2.7E-01	5.0E-07
871	0.53	5.3E-07	6.8E+01	9.9E-04	6.1E-04	4.1E-05	4.7E-02	2.7E-01	5.3E-07
872	0.39	3.9E-07	5.0E+01	9.9E-04	6.1E-04	3.0E-05	4.7E-02	2.7E-01	3.9E-07

Risk From Portable Set-up - Unmitigated School

Franklin School Project

Risk From Portable Set-up - Unmitigated School

0.00	Max

Receptor #	Total/ Million	Total	Conc	g/sec	D1	Dose	R1	ED	Risk
						Onsite			
807	0.00	2.0E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
808	0.00	1.9E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
809	0.00	1.7E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
810	0.00	1.7E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
811	0.00	1.5E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
812	0.00	1.4E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
813	0.00	1.3E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
814	0.00	1.2E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
815	0.00	1.1E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
816	0.00	1.1E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
817	0.00	9.7E-12		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
818	0.00	9.7E-12		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
819	0.00	8.7E-12		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
820	0.00	8.6E-12		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
821	0.00	3.6E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
822	0.00	3.9E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
823	0.00	3.7E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
824	0.00	2.8E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
825	0.00	3.0E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
826	0.00	2.9E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
827	0.00	2.5E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
828	0.00	2.4E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
829	0.00	2.4E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
830	0.00	1.9E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
831	0.00	1.9E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
832	0.00	2.0E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
833	0.00	1.6E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
834	0.00	1.6E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
835	0.00	1.7E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
836	0.00	1.4E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
837	0.00	1.4E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
838	0.00	1.5E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
839	0.00	1.2E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
840	0.00	1.2E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
841	0.00	1.3E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
842	0.00	1.1E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
843	0.00	1.1E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
844	0.00	1.1E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
845	0.00	9.3E-12		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00

846	0.00	9.5E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
847	0.00	9.7E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
848	0.00	8.3E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
849	0.00	8.5E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
850	0.00	8.6E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
851	0.00	8.0E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
852	0.00	8.1E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
853	0.00	8.2E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
854	0.00	8.3E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
855	0.00	8.3E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
856	0.00	7.1E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
857	0.00	7.3E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
858	0.00	7.4E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
859	0.00	7.4E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
860	0.00	7.4E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
861	0.00	6.4E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
862	0.00	6.6E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
863	0.00	6.7E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
864	0.00	6.7E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
865	0.00	6.7E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
866	0.00	3.8E-11	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
867	0.00	3.0E-11	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
868	0.00	2.9E-11	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
869	0.00	2.8E-11	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
870	0.00	2.5E-11	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
871	0.00	2.4E-11	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
872	0.00	2.3E-11	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00

Franklin School Project

Risk From Portable Set-up - Unmitigated School

Haul Route 1A							Haul Route 2A						
Conc	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
2.0E+01	1.9E-07	6.1E-04	2.3E-09	4.7E-02	3.8E-02	4.1E-12	9.9E+00	6.0E-07	6.1E-04	3.6E-09	4.7E-02	3.8E-02	6.5E-12
1.7E+01	1.9E-07	6.1E-04	1.9E-09	4.7E-02	3.8E-02	3.5E-12	9.6E+00	6.0E-07	6.1E-04	3.5E-09	4.7E-02	3.8E-02	6.3E-12
1.6E+01	1.9E-07	6.1E-04	1.9E-09	4.7E-02	3.8E-02	3.4E-12	8.4E+00	6.0E-07	6.1E-04	3.0E-09	4.7E-02	3.8E-02	5.5E-12
1.4E+01	1.9E-07	6.1E-04	1.6E-09	4.7E-02	3.8E-02	3.0E-12	8.2E+00	6.0E-07	6.1E-04	3.0E-09	4.7E-02	3.8E-02	5.4E-12
1.3E+01	1.9E-07	6.1E-04	1.5E-09	4.7E-02	3.8E-02	2.8E-12	7.2E+00	6.0E-07	6.1E-04	2.6E-09	4.7E-02	3.8E-02	4.7E-12
1.2E+01	1.9E-07	6.1E-04	1.4E-09	4.7E-02	3.8E-02	2.5E-12	7.1E+00	6.0E-07	6.1E-04	2.6E-09	4.7E-02	3.8E-02	4.6E-12
1.1E+01	1.9E-07	6.1E-04	1.3E-09	4.7E-02	3.8E-02	2.3E-12	6.2E+00	6.0E-07	6.1E-04	2.3E-09	4.7E-02	3.8E-02	4.1E-12
1.0E+01	1.9E-07	6.1E-04	1.2E-09	4.7E-02	3.8E-02	2.1E-12	6.2E+00	6.0E-07	6.1E-04	2.2E-09	4.7E-02	3.8E-02	4.0E-12
9.5E+00	1.9E-07	6.1E-04	1.1E-09	4.7E-02	3.8E-02	2.0E-12	5.4E+00	6.0E-07	6.1E-04	2.0E-09	4.7E-02	3.8E-02	3.6E-12
8.8E+00	1.9E-07	6.1E-04	1.0E-09	4.7E-02	3.8E-02	1.8E-12	5.4E+00	6.0E-07	6.1E-04	2.0E-09	4.7E-02	3.8E-02	3.6E-12
8.2E+00	1.9E-07	6.1E-04	9.4E-10	4.7E-02	3.8E-02	1.7E-12	4.8E+00	6.0E-07	6.1E-04	1.7E-09	4.7E-02	3.8E-02	3.2E-12
7.7E+00	1.9E-07	6.1E-04	8.8E-10	4.7E-02	3.8E-02	1.6E-12	4.8E+00	6.0E-07	6.1E-04	1.7E-09	4.7E-02	3.8E-02	3.1E-12
7.1E+00	1.9E-07	6.1E-04	8.1E-10	4.7E-02	3.8E-02	1.5E-12	4.3E+00	6.0E-07	6.1E-04	1.6E-09	4.7E-02	3.8E-02	2.8E-12
6.7E+00	1.9E-07	6.1E-04	7.7E-10	4.7E-02	3.8E-02	1.4E-12	4.3E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	3.8E-02	2.8E-12
3.2E+01	1.9E-07	6.1E-04	3.7E-09	4.7E-02	3.8E-02	6.7E-12	1.8E+01	6.0E-07	6.1E-04	6.5E-09	4.7E-02	3.8E-02	1.2E-11
6.9E+01	1.9E-07	6.1E-04	8.0E-09	4.7E-02	3.8E-02	1.4E-11	1.8E+01	6.0E-07	6.1E-04	6.7E-09	4.7E-02	3.8E-02	1.2E-11
4.7E+01	1.9E-07	6.1E-04	5.4E-09	4.7E-02	3.8E-02	9.7E-12	1.8E+01	6.0E-07	6.1E-04	6.6E-09	4.7E-02	3.8E-02	1.2E-11
2.2E+01	1.9E-07	6.1E-04	2.5E-09	4.7E-02	3.8E-02	4.5E-12	1.4E+01	6.0E-07	6.1E-04	5.1E-09	4.7E-02	3.8E-02	9.3E-12
5.0E+01	1.9E-07	6.1E-04	5.8E-09	4.7E-02	3.8E-02	1.0E-11	1.4E+01	6.0E-07	6.1E-04	5.3E-09	4.7E-02	3.8E-02	9.5E-12
3.7E+01	1.9E-07	6.1E-04	4.3E-09	4.7E-02	3.8E-02	7.7E-12	1.4E+01	6.0E-07	6.1E-04	5.3E-09	4.7E-02	3.8E-02	9.5E-12
4.4E+01	1.9E-07	6.1E-04	5.1E-09	4.7E-02	3.8E-02	9.3E-12	1.1E+01	6.0E-07	6.1E-04	4.1E-09	4.7E-02	3.8E-02	7.5E-12
3.6E+01	1.9E-07	6.1E-04	4.1E-09	4.7E-02	3.8E-02	7.4E-12	1.2E+01	6.0E-07	6.1E-04	4.3E-09	4.7E-02	3.8E-02	7.7E-12
2.9E+01	1.9E-07	6.1E-04	3.3E-09	4.7E-02	3.8E-02	6.0E-12	1.2E+01	6.0E-07	6.1E-04	4.3E-09	4.7E-02	3.8E-02	7.7E-12
3.0E+01	1.9E-07	6.1E-04	3.5E-09	4.7E-02	3.8E-02	6.2E-12	9.4E+00	6.0E-07	6.1E-04	3.4E-09	4.7E-02	3.8E-02	6.2E-12
2.6E+01	1.9E-07	6.1E-04	3.0E-09	4.7E-02	3.8E-02	5.4E-12	9.7E+00	6.0E-07	6.1E-04	3.5E-09	4.7E-02	3.8E-02	6.3E-12
2.2E+01	1.9E-07	6.1E-04	2.6E-09	4.7E-02	3.8E-02	4.6E-12	9.7E+00	6.0E-07	6.1E-04	3.5E-09	4.7E-02	3.8E-02	6.4E-12
2.2E+01	1.9E-07	6.1E-04	2.5E-09	4.7E-02	3.8E-02	4.5E-12	7.9E+00	6.0E-07	6.1E-04	2.9E-09	4.7E-02	3.8E-02	5.2E-12
2.0E+01	1.9E-07	6.1E-04	2.3E-09	4.7E-02	3.8E-02	4.1E-12	8.1E+00	6.0E-07	6.1E-04	2.9E-09	4.7E-02	3.8E-02	5.3E-12
1.8E+01	1.9E-07	6.1E-04	2.0E-09	4.7E-02	3.8E-02	3.7E-12	8.2E+00	6.0E-07	6.1E-04	3.0E-09	4.7E-02	3.8E-02	5.4E-12
1.7E+01	1.9E-07	6.1E-04	2.0E-09	4.7E-02	3.8E-02	3.6E-12	7.0E+00	6.0E-07	6.1E-04	2.5E-09	4.7E-02	3.8E-02	4.6E-12
1.6E+01	1.9E-07	6.1E-04	1.9E-09	4.7E-02	3.8E-02	3.4E-12	7.1E+00	6.0E-07	6.1E-04	2.6E-09	4.7E-02	3.8E-02	4.7E-12
1.5E+01	1.9E-07	6.1E-04	1.7E-09	4.7E-02	3.8E-02	3.1E-12	7.2E+00	6.0E-07	6.1E-04	2.6E-09	4.7E-02	3.8E-02	4.7E-12
1.4E+01	1.9E-07	6.1E-04	1.6E-09	4.7E-02	3.8E-02	2.8E-12	6.0E+00	6.0E-07	6.1E-04	2.2E-09	4.7E-02	3.8E-02	3.9E-12
1.3E+01	1.9E-07	6.1E-04	1.5E-09	4.7E-02	3.8E-02	2.7E-12	6.1E+00	6.0E-07	6.1E-04	2.2E-09	4.7E-02	3.8E-02	4.0E-12
1.2E+01	1.9E-07	6.1E-04	1.4E-09	4.7E-02	3.8E-02	2.5E-12	6.2E+00	6.0E-07	6.1E-04	2.3E-09	4.7E-02	3.8E-02	4.1E-12
1.1E+01	1.9E-07	6.1E-04	1.3E-09	4.7E-02	3.8E-02	2.3E-12	5.2E+00	6.0E-07	6.1E-04	1.9E-09	4.7E-02	3.8E-02	3.4E-12
1.1E+01	1.9E-07	6.1E-04	1.2E-09	4.7E-02	3.8E-02	2.2E-12	5.4E+00	6.0E-07	6.1E-04	1.9E-09	4.7E-02	3.8E-02	3.5E-12
1.0E+01	1.9E-07	6.1E-04	1.2E-09	4.7E-02	3.8E-02	2.1E-12	5.4E+00	6.0E-07	6.1E-04	2.0E-09	4.7E-02	3.8E-02	3.6E-12
9.1E+00	1.9E-07	6.1E-04	1.0E-09	4.7E-02	3.8E-02	1.9E-12	4.6E+00	6.0E-07	6.1E-04	1.7E-09	4.7E-02	3.8E-02	3.0E-12

8.9E+00	1.9E-07	6.1E-04	1.0E-09	4.7E-02	3.8E-02	1.9E-12	4.7E+00	6.0E-07	6.1E-04	1.7E-09	4.7E-02	3.8E-02	3.1E-12
8.6E+00	1.9E-07	6.1E-04	9.9E-10	4.7E-02	3.8E-02	1.8E-12	4.8E+00	6.0E-07	6.1E-04	1.7E-09	4.7E-02	3.8E-02	3.1E-12
7.7E+00	1.9E-07	6.1E-04	8.8E-10	4.7E-02	3.8E-02	1.6E-12	4.1E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	3.8E-02	2.7E-12
7.6E+00	1.9E-07	6.1E-04	8.7E-10	4.7E-02	3.8E-02	1.6E-12	4.2E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	3.8E-02	2.7E-12
7.4E+00	1.9E-07	6.1E-04	8.5E-10	4.7E-02	3.8E-02	1.5E-12	4.2E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	3.8E-02	2.8E-12
7.2E+00	1.9E-07	6.1E-04	8.3E-10	4.7E-02	3.8E-02	1.5E-12	3.9E+00	6.0E-07	6.1E-04	1.4E-09	4.7E-02	3.8E-02	2.6E-12
7.1E+00	1.9E-07	6.1E-04	8.1E-10	4.7E-02	3.8E-02	1.5E-12	4.0E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	3.8E-02	2.6E-12
6.9E+00	1.9E-07	6.1E-04	7.9E-10	4.7E-02	3.8E-02	1.4E-12	4.1E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	3.8E-02	2.7E-12
6.6E+00	1.9E-07	6.1E-04	7.6E-10	4.7E-02	3.8E-02	1.4E-12	4.1E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	3.8E-02	2.7E-12
6.3E+00	1.9E-07	6.1E-04	7.3E-10	4.7E-02	3.8E-02	1.3E-12	4.1E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	3.8E-02	2.7E-12
6.2E+00	1.9E-07	6.1E-04	7.1E-10	4.7E-02	3.8E-02	1.3E-12	3.5E+00	6.0E-07	6.1E-04	1.3E-09	4.7E-02	3.8E-02	2.3E-12
6.1E+00	1.9E-07	6.1E-04	7.0E-10	4.7E-02	3.8E-02	1.3E-12	3.6E+00	6.0E-07	6.1E-04	1.3E-09	4.7E-02	3.8E-02	2.4E-12
6.0E+00	1.9E-07	6.1E-04	6.9E-10	4.7E-02	3.8E-02	1.2E-12	3.6E+00	6.0E-07	6.1E-04	1.3E-09	4.7E-02	3.8E-02	2.4E-12
5.8E+00	1.9E-07	6.1E-04	6.7E-10	4.7E-02	3.8E-02	1.2E-12	3.7E+00	6.0E-07	6.1E-04	1.3E-09	4.7E-02	3.8E-02	2.4E-12
5.6E+00	1.9E-07	6.1E-04	6.4E-10	4.7E-02	3.8E-02	1.2E-12	3.7E+00	6.0E-07	6.1E-04	1.3E-09	4.7E-02	3.8E-02	2.4E-12
5.4E+00	1.9E-07	6.1E-04	6.2E-10	4.7E-02	3.8E-02	1.1E-12	3.2E+00	6.0E-07	6.1E-04	1.1E-09	4.7E-02	3.8E-02	2.1E-12
5.3E+00	1.9E-07	6.1E-04	6.2E-10	4.7E-02	3.8E-02	1.1E-12	3.2E+00	6.0E-07	6.1E-04	1.2E-09	4.7E-02	3.8E-02	2.1E-12
5.3E+00	1.9E-07	6.1E-04	6.1E-10	4.7E-02	3.8E-02	1.1E-12	3.3E+00	6.0E-07	6.1E-04	1.2E-09	4.7E-02	3.8E-02	2.1E-12
5.1E+00	1.9E-07	6.1E-04	5.9E-10	4.7E-02	3.8E-02	1.1E-12	3.3E+00	6.0E-07	6.1E-04	1.2E-09	4.7E-02	3.8E-02	2.2E-12
5.0E+00	1.9E-07	6.1E-04	5.7E-10	4.7E-02	3.8E-02	1.0E-12	3.3E+00	6.0E-07	6.1E-04	1.2E-09	4.7E-02	3.8E-02	2.2E-12
4.6E+01	1.9E-07	6.1E-04	5.2E-09	4.7E-02	3.8E-02	9.5E-12	1.9E+01	6.0E-07	6.1E-04	6.9E-09	4.7E-02	3.8E-02	1.3E-11
3.7E+01	1.9E-07	6.1E-04	4.2E-09	4.7E-02	3.8E-02	7.7E-12	1.5E+01	6.0E-07	6.1E-04	5.5E-09	4.7E-02	3.8E-02	9.9E-12
2.9E+01	1.9E-07	6.1E-04	3.3E-09	4.7E-02	3.8E-02	6.0E-12	1.5E+01	6.0E-07	6.1E-04	5.3E-09	4.7E-02	3.8E-02	9.6E-12
2.3E+01	1.9E-07	6.1E-04	2.7E-09	4.7E-02	3.8E-02	4.8E-12	1.4E+01	6.0E-07	6.1E-04	5.0E-09	4.7E-02	3.8E-02	9.1E-12
2.9E+01	1.9E-07	6.1E-04	3.3E-09	4.7E-02	3.8E-02	6.0E-12	1.2E+01	6.0E-07	6.1E-04	4.4E-09	4.7E-02	3.8E-02	8.0E-12
2.4E+01	1.9E-07	6.1E-04	2.7E-09	4.7E-02	3.8E-02	4.9E-12	1.2E+01	6.0E-07	6.1E-04	4.3E-09	4.7E-02	3.8E-02	7.8E-12
2.0E+01	1.9E-07	6.1E-04	2.3E-09	4.7E-02	3.8E-02	4.1E-12	1.1E+01	6.0E-07	6.1E-04	4.2E-09	4.7E-02	3.8E-02	7.5E-12

Franklin School Project

Risk From Portable Set-up - Unmitigated School

Haul Route 1A							Haul Route 2A						
Conc	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
9.9E+00	1.2E-06	6.1E-04	7.4E-09	4.7E-02	3.8E-02	1.3E-11	8.5E-01	1.3E-07	6.1E-04	6.8E-11	4.7E-02	3.8E-02	1.2E-13
9.6E+00	1.2E-06	6.1E-04	7.2E-09	4.7E-02	3.8E-02	1.3E-11	8.3E-01	1.3E-07	6.1E-04	6.7E-11	4.7E-02	3.8E-02	1.2E-13
8.4E+00	1.2E-06	6.1E-04	6.3E-09	4.7E-02	3.8E-02	1.1E-11	8.2E-01	1.3E-07	6.1E-04	6.5E-11	4.7E-02	3.8E-02	1.2E-13
8.2E+00	1.2E-06	6.1E-04	6.1E-09	4.7E-02	3.8E-02	1.1E-11	8.0E-01	1.3E-07	6.1E-04	6.4E-11	4.7E-02	3.8E-02	1.2E-13
7.2E+00	1.2E-06	6.1E-04	5.4E-09	4.7E-02	3.8E-02	9.7E-12	7.8E-01	1.3E-07	6.1E-04	6.3E-11	4.7E-02	3.8E-02	1.1E-13
7.1E+00	1.2E-06	6.1E-04	5.3E-09	4.7E-02	3.8E-02	9.5E-12	7.7E-01	1.3E-07	6.1E-04	6.1E-11	4.7E-02	3.8E-02	1.1E-13
6.2E+00	1.2E-06	6.1E-04	4.6E-09	4.7E-02	3.8E-02	8.4E-12	7.5E-01	1.3E-07	6.1E-04	6.0E-11	4.7E-02	3.8E-02	1.1E-13
6.2E+00	1.2E-06	6.1E-04	4.6E-09	4.7E-02	3.8E-02	8.3E-12	7.4E-01	1.3E-07	6.1E-04	5.9E-11	4.7E-02	3.8E-02	1.1E-13
5.4E+00	1.2E-06	6.1E-04	4.1E-09	4.7E-02	3.8E-02	7.3E-12	7.2E-01	1.3E-07	6.1E-04	5.8E-11	4.7E-02	3.8E-02	1.0E-13
5.4E+00	1.2E-06	6.1E-04	4.0E-09	4.7E-02	3.8E-02	7.3E-12	7.1E-01	1.3E-07	6.1E-04	5.7E-11	4.7E-02	3.8E-02	1.0E-13
4.8E+00	1.2E-06	6.1E-04	3.6E-09	4.7E-02	3.8E-02	6.5E-12	7.0E-01	1.3E-07	6.1E-04	5.6E-11	4.7E-02	3.8E-02	1.0E-13
4.8E+00	1.2E-06	6.1E-04	3.6E-09	4.7E-02	3.8E-02	6.5E-12	6.8E-01	1.3E-07	6.1E-04	5.5E-11	4.7E-02	3.8E-02	9.9E-14
4.3E+00	1.2E-06	6.1E-04	3.2E-09	4.7E-02	3.8E-02	5.8E-12	6.7E-01	1.3E-07	6.1E-04	5.4E-11	4.7E-02	3.8E-02	9.7E-14
4.3E+00	1.2E-06	6.1E-04	3.2E-09	4.7E-02	3.8E-02	5.7E-12	6.6E-01	1.3E-07	6.1E-04	5.3E-11	4.7E-02	3.8E-02	9.6E-14
1.8E+01	1.2E-06	6.1E-04	1.3E-08	4.7E-02	3.8E-02	2.4E-11	1.0E+00	1.3E-07	6.1E-04	8.2E-11	4.7E-02	3.8E-02	1.5E-13
1.8E+01	1.2E-06	6.1E-04	1.4E-08	4.7E-02	3.8E-02	2.5E-11	1.0E+00	1.3E-07	6.1E-04	8.0E-11	4.7E-02	3.8E-02	1.5E-13
1.8E+01	1.2E-06	6.1E-04	1.4E-08	4.7E-02	3.8E-02	2.5E-11	9.8E-01	1.3E-07	6.1E-04	7.9E-11	4.7E-02	3.8E-02	1.4E-13
1.4E+01	1.2E-06	6.1E-04	1.1E-08	4.7E-02	3.8E-02	1.9E-11	9.8E-01	1.3E-07	6.1E-04	7.8E-11	4.7E-02	3.8E-02	1.4E-13
1.4E+01	1.2E-06	6.1E-04	1.1E-08	4.7E-02	3.8E-02	2.0E-11	9.6E-01	1.3E-07	6.1E-04	7.7E-11	4.7E-02	3.8E-02	1.4E-13
1.4E+01	1.2E-06	6.1E-04	1.1E-08	4.7E-02	3.8E-02	2.0E-11	9.4E-01	1.3E-07	6.1E-04	7.5E-11	4.7E-02	3.8E-02	1.4E-13
1.1E+01	1.2E-06	6.1E-04	8.5E-09	4.7E-02	3.8E-02	1.5E-11	9.4E-01	1.3E-07	6.1E-04	7.5E-11	4.7E-02	3.8E-02	1.4E-13
1.2E+01	1.2E-06	6.1E-04	8.7E-09	4.7E-02	3.8E-02	1.6E-11	9.2E-01	1.3E-07	6.1E-04	7.4E-11	4.7E-02	3.8E-02	1.3E-13
1.2E+01	1.2E-06	6.1E-04	8.8E-09	4.7E-02	3.8E-02	1.6E-11	9.0E-01	1.3E-07	6.1E-04	7.2E-11	4.7E-02	3.8E-02	1.3E-13
9.4E+00	1.2E-06	6.1E-04	7.0E-09	4.7E-02	3.8E-02	1.3E-11	9.0E-01	1.3E-07	6.1E-04	7.2E-11	4.7E-02	3.8E-02	1.3E-13
9.7E+00	1.2E-06	6.1E-04	7.2E-09	4.7E-02	3.8E-02	1.3E-11	8.8E-01	1.3E-07	6.1E-04	7.0E-11	4.7E-02	3.8E-02	1.3E-13
9.7E+00	1.2E-06	6.1E-04	7.2E-09	4.7E-02	3.8E-02	1.3E-11	8.6E-01	1.3E-07	6.1E-04	6.9E-11	4.7E-02	3.8E-02	1.2E-13
7.9E+00	1.2E-06	6.1E-04	5.9E-09	4.7E-02	3.8E-02	1.1E-11	8.6E-01	1.3E-07	6.1E-04	6.9E-11	4.7E-02	3.8E-02	1.2E-13
8.1E+00	1.2E-06	6.1E-04	6.0E-09	4.7E-02	3.8E-02	1.1E-11	8.4E-01	1.3E-07	6.1E-04	6.7E-11	4.7E-02	3.8E-02	1.2E-13
8.2E+00	1.2E-06	6.1E-04	6.1E-09	4.7E-02	3.8E-02	1.1E-11	8.3E-01	1.3E-07	6.1E-04	6.6E-11	4.7E-02	3.8E-02	1.2E-13
7.0E+00	1.2E-06	6.1E-04	5.2E-09	4.7E-02	3.8E-02	9.4E-12	8.3E-01	1.3E-07	6.1E-04	6.6E-11	4.7E-02	3.8E-02	1.2E-13
7.1E+00	1.2E-06	6.1E-04	5.3E-09	4.7E-02	3.8E-02	9.6E-12	8.1E-01	1.3E-07	6.1E-04	6.5E-11	4.7E-02	3.8E-02	1.2E-13
7.2E+00	1.2E-06	6.1E-04	5.4E-09	4.7E-02	3.8E-02	9.7E-12	8.0E-01	1.3E-07	6.1E-04	6.4E-11	4.7E-02	3.8E-02	1.2E-13
6.0E+00	1.2E-06	6.1E-04	4.5E-09	4.7E-02	3.8E-02	8.1E-12	7.9E-01	1.3E-07	6.1E-04	6.4E-11	4.7E-02	3.8E-02	1.2E-13
6.1E+00	1.2E-06	6.1E-04	4.6E-09	4.7E-02	3.8E-02	8.3E-12	7.8E-01	1.3E-07	6.1E-04	6.3E-11	4.7E-02	3.8E-02	1.1E-13
6.2E+00	1.2E-06	6.1E-04	4.6E-09	4.7E-02	3.8E-02	8.4E-12	7.7E-01	1.3E-07	6.1E-04	6.2E-11	4.7E-02	3.8E-02	1.1E-13
5.2E+00	1.2E-06	6.1E-04	3.9E-09	4.7E-02	3.8E-02	7.0E-12	7.6E-01	1.3E-07	6.1E-04	6.1E-11	4.7E-02	3.8E-02	1.1E-13
5.4E+00	1.2E-06	6.1E-04	4.0E-09	4.7E-02	3.8E-02	7.2E-12	7.5E-01	1.3E-07	6.1E-04	6.0E-11	4.7E-02	3.8E-02	1.1E-13
5.4E+00	1.2E-06	6.1E-04	4.0E-09	4.7E-02	3.8E-02	7.3E-12	7.4E-01	1.3E-07	6.1E-04	5.9E-11	4.7E-02	3.8E-02	1.1E-13
4.6E+00	1.2E-06	6.1E-04	3.4E-09	4.7E-02	3.8E-02	6.2E-12	7.3E-01	1.3E-07	6.1E-04	5.9E-11	4.7E-02	3.8E-02	1.1E-13

4.7E+00	1.2E-06	6.1E-04	3.5E-09	4.7E-02	3.8E-02	6.3E-12	7.2E-01	1.3E-07	6.1E-04	5.8E-11	4.7E-02	3.8E-02	1.0E-13
4.8E+00	1.2E-06	6.1E-04	3.6E-09	4.7E-02	3.8E-02	6.4E-12	7.1E-01	1.3E-07	6.1E-04	5.7E-11	4.7E-02	3.8E-02	1.0E-13
4.1E+00	1.2E-06	6.1E-04	3.0E-09	4.7E-02	3.8E-02	5.5E-12	7.0E-01	1.3E-07	6.1E-04	5.6E-11	4.7E-02	3.8E-02	1.0E-13
4.2E+00	1.2E-06	6.1E-04	3.1E-09	4.7E-02	3.8E-02	5.6E-12	6.9E-01	1.3E-07	6.1E-04	5.6E-11	4.7E-02	3.8E-02	1.0E-13
4.2E+00	1.2E-06	6.1E-04	3.2E-09	4.7E-02	3.8E-02	5.7E-12	6.8E-01	1.3E-07	6.1E-04	5.5E-11	4.7E-02	3.8E-02	9.9E-14
3.9E+00	1.2E-06	6.1E-04	2.9E-09	4.7E-02	3.8E-02	5.3E-12	6.9E-01	1.3E-07	6.1E-04	5.5E-11	4.7E-02	3.8E-02	1.0E-13
4.0E+00	1.2E-06	6.1E-04	3.0E-09	4.7E-02	3.8E-02	5.4E-12	6.8E-01	1.3E-07	6.1E-04	5.5E-11	4.7E-02	3.8E-02	9.9E-14
4.1E+00	1.2E-06	6.1E-04	3.0E-09	4.7E-02	3.8E-02	5.5E-12	6.7E-01	1.3E-07	6.1E-04	5.4E-11	4.7E-02	3.8E-02	9.7E-14
4.1E+00	1.2E-06	6.1E-04	3.0E-09	4.7E-02	3.8E-02	5.5E-12	6.6E-01	1.3E-07	6.1E-04	5.3E-11	4.7E-02	3.8E-02	9.5E-14
4.1E+00	1.2E-06	6.1E-04	3.0E-09	4.7E-02	3.8E-02	5.5E-12	6.5E-01	1.3E-07	6.1E-04	5.2E-11	4.7E-02	3.8E-02	9.4E-14
3.5E+00	1.2E-06	6.1E-04	2.6E-09	4.7E-02	3.8E-02	4.7E-12	6.6E-01	1.3E-07	6.1E-04	5.3E-11	4.7E-02	3.8E-02	9.6E-14
3.6E+00	1.2E-06	6.1E-04	2.7E-09	4.7E-02	3.8E-02	4.8E-12	6.5E-01	1.3E-07	6.1E-04	5.2E-11	4.7E-02	3.8E-02	9.5E-14
3.6E+00	1.2E-06	6.1E-04	2.7E-09	4.7E-02	3.8E-02	4.9E-12	6.5E-01	1.3E-07	6.1E-04	5.2E-11	4.7E-02	3.8E-02	9.3E-14
3.7E+00	1.2E-06	6.1E-04	2.7E-09	4.7E-02	3.8E-02	4.9E-12	6.4E-01	1.3E-07	6.1E-04	5.1E-11	4.7E-02	3.8E-02	9.2E-14
3.7E+00	1.2E-06	6.1E-04	2.7E-09	4.7E-02	3.8E-02	4.9E-12	6.2E-01	1.3E-07	6.1E-04	5.0E-11	4.7E-02	3.8E-02	9.0E-14
3.2E+00	1.2E-06	6.1E-04	2.4E-09	4.7E-02	3.8E-02	4.3E-12	6.4E-01	1.3E-07	6.1E-04	5.1E-11	4.7E-02	3.8E-02	9.3E-14
3.2E+00	1.2E-06	6.1E-04	2.4E-09	4.7E-02	3.8E-02	4.3E-12	6.3E-01	1.3E-07	6.1E-04	5.1E-11	4.7E-02	3.8E-02	9.1E-14
3.3E+00	1.2E-06	6.1E-04	2.4E-09	4.7E-02	3.8E-02	4.4E-12	6.2E-01	1.3E-07	6.1E-04	5.0E-11	4.7E-02	3.8E-02	9.0E-14
3.3E+00	1.2E-06	6.1E-04	2.5E-09	4.7E-02	3.8E-02	4.4E-12	6.1E-01	1.3E-07	6.1E-04	4.9E-11	4.7E-02	3.8E-02	8.9E-14
3.3E+00	1.2E-06	6.1E-04	2.5E-09	4.7E-02	3.8E-02	4.4E-12	6.0E-01	1.3E-07	6.1E-04	4.8E-11	4.7E-02	3.8E-02	8.7E-14
1.9E+01	1.2E-06	6.1E-04	1.4E-08	4.7E-02	3.8E-02	2.6E-11	9.9E-01	1.3E-07	6.1E-04	7.9E-11	4.7E-02	3.8E-02	1.4E-13
1.5E+01	1.2E-06	6.1E-04	1.1E-08	4.7E-02	3.8E-02	2.0E-11	9.4E-01	1.3E-07	6.1E-04	7.6E-11	4.7E-02	3.8E-02	1.4E-13
1.5E+01	1.2E-06	6.1E-04	1.1E-08	4.7E-02	3.8E-02	2.0E-11	9.2E-01	1.3E-07	6.1E-04	7.4E-11	4.7E-02	3.8E-02	1.3E-13
1.4E+01	1.2E-06	6.1E-04	1.0E-08	4.7E-02	3.8E-02	1.9E-11	9.0E-01	1.3E-07	6.1E-04	7.2E-11	4.7E-02	3.8E-02	1.3E-13
1.2E+01	1.2E-06	6.1E-04	9.1E-09	4.7E-02	3.8E-02	1.6E-11	9.0E-01	1.3E-07	6.1E-04	7.2E-11	4.7E-02	3.8E-02	1.3E-13
1.2E+01	1.2E-06	6.1E-04	8.9E-09	4.7E-02	3.8E-02	1.6E-11	8.8E-01	1.3E-07	6.1E-04	7.1E-11	4.7E-02	3.8E-02	1.3E-13
1.1E+01	1.2E-06	6.1E-04	8.5E-09	4.7E-02	3.8E-02	1.5E-11	8.6E-01	1.3E-07	6.1E-04	6.9E-11	4.7E-02	3.8E-02	1.3E-13

1.83171E-05
1.77712E-05
1.54836E-05
1.51413E-05
1.3274E-05
1.30614E-05
1.15108E-05
1.13812E-05
1.00793E-05
1.00042E-05
8.89745E-06
8.86158E-06
7.91108E-06
7.89591E-06
3.31144E-05
3.60171E-05
3.35819E-05
2.60256E-05
2.75812E-05
2.66499E-05
2.26545E-05
2.15915E-05
2.16407E-05
1.74292E-05
1.78129E-05
1.79216E-05
1.46104E-05
1.49722E-05
1.51061E-05
1.28568E-05
1.31783E-05
1.33218E-05
1.10875E-05
1.13656E-05
1.15095E-05
9.66923E-06
9.90985E-06
1.00469E-05
8.51381E-06

8.72226E-06
8.84912E-06
7.55663E-06
7.7382E-06
7.85405E-06
7.27619E-06
7.43053E-06
7.52494E-06
7.56553E-06
7.5406E-06
6.51894E-06
6.65513E-06
6.74381E-06
6.78637E-06
6.77647E-06
5.87391E-06
5.99542E-06
6.07915E-06
6.1241E-06
6.12775E-06
3.50805E-05
2.77507E-05
2.686E-05
2.54549E-05
2.24731E-05
2.19578E-05
2.10529E-05

Risk From New Building Demo - Unmitigated School

Franklin School Project

Risk From New Building Demo - Unmitigated School

0.83	Max

Onsite

Receptor #	Total/ Million	Total	Conc	g/sec	D1	Dose	R1	ED	Risk
807	0.50	5.0E-07	2.9E+01	1.1E-02	6.1E-04	1.9E-04	4.7E-02	5.5E-02	5.0E-07
808	0.57	5.7E-07	3.3E+01	1.1E-02	6.1E-04	2.2E-04	4.7E-02	5.5E-02	5.7E-07
809	0.55	5.5E-07	3.2E+01	1.1E-02	6.1E-04	2.1E-04	4.7E-02	5.5E-02	5.5E-07
810	0.60	6.0E-07	3.5E+01	1.1E-02	6.1E-04	2.3E-04	4.7E-02	5.5E-02	6.0E-07
811	0.57	5.7E-07	3.3E+01	1.1E-02	6.1E-04	2.2E-04	4.7E-02	5.5E-02	5.7E-07
812	0.72	7.2E-07	4.2E+01	1.1E-02	6.1E-04	2.8E-04	4.7E-02	5.5E-02	7.2E-07
813	0.58	5.8E-07	3.4E+01	1.1E-02	6.1E-04	2.3E-04	4.7E-02	5.5E-02	5.8E-07
814	0.78	7.8E-07	4.6E+01	1.1E-02	6.1E-04	3.0E-04	4.7E-02	5.5E-02	7.8E-07
815	0.61	6.1E-07	3.6E+01	1.1E-02	6.1E-04	2.4E-04	4.7E-02	5.5E-02	6.1E-07
816	0.68	6.8E-07	4.0E+01	1.1E-02	6.1E-04	2.6E-04	4.7E-02	5.5E-02	6.8E-07
817	0.63	6.3E-07	3.7E+01	1.1E-02	6.1E-04	2.4E-04	4.7E-02	5.5E-02	6.3E-07
818	0.68	6.8E-07	4.0E+01	1.1E-02	6.1E-04	2.6E-04	4.7E-02	5.5E-02	6.8E-07
819	0.61	6.1E-07	3.6E+01	1.1E-02	6.1E-04	2.4E-04	4.7E-02	5.5E-02	6.1E-07
820	0.83	8.3E-07	4.8E+01	1.1E-02	6.1E-04	3.2E-04	4.7E-02	5.5E-02	8.3E-07
821	0.13	1.3E-07	7.9E+00	1.1E-02	6.1E-04	5.2E-05	4.7E-02	5.5E-02	1.3E-07
822	0.17	1.7E-07	9.7E+00	1.1E-02	6.1E-04	6.4E-05	4.7E-02	5.5E-02	1.7E-07
823	0.21	2.1E-07	1.3E+01	1.1E-02	6.1E-04	8.3E-05	4.7E-02	5.5E-02	2.1E-07
824	0.15	1.5E-07	8.7E+00	1.1E-02	6.1E-04	5.8E-05	4.7E-02	5.5E-02	1.5E-07
825	0.19	1.9E-07	1.1E+01	1.1E-02	6.1E-04	7.3E-05	4.7E-02	5.5E-02	1.9E-07
826	0.25	2.5E-07	1.5E+01	1.1E-02	6.1E-04	9.7E-05	4.7E-02	5.5E-02	2.5E-07
827	0.16	1.6E-07	9.6E+00	1.1E-02	6.1E-04	6.4E-05	4.7E-02	5.5E-02	1.6E-07
828	0.22	2.2E-07	1.3E+01	1.1E-02	6.1E-04	8.3E-05	4.7E-02	5.5E-02	2.1E-07
829	0.29	2.9E-07	1.7E+01	1.1E-02	6.1E-04	1.1E-04	4.7E-02	5.5E-02	2.9E-07
830	0.18	1.8E-07	1.0E+01	1.1E-02	6.1E-04	6.9E-05	4.7E-02	5.5E-02	1.8E-07
831	0.23	2.3E-07	1.4E+01	1.1E-02	6.1E-04	9.1E-05	4.7E-02	5.5E-02	2.3E-07
832	0.33	3.3E-07	1.9E+01	1.1E-02	6.1E-04	1.3E-04	4.7E-02	5.5E-02	3.3E-07
833	0.19	1.9E-07	1.1E+01	1.1E-02	6.1E-04	7.3E-05	4.7E-02	5.5E-02	1.9E-07
834	0.25	2.5E-07	1.5E+01	1.1E-02	6.1E-04	9.6E-05	4.7E-02	5.5E-02	2.5E-07
835	0.36	3.6E-07	2.1E+01	1.1E-02	6.1E-04	1.4E-04	4.7E-02	5.5E-02	3.6E-07
836	0.19	1.9E-07	1.1E+01	1.1E-02	6.1E-04	7.5E-05	4.7E-02	5.5E-02	1.9E-07
837	0.26	2.6E-07	1.5E+01	1.1E-02	6.1E-04	9.9E-05	4.7E-02	5.5E-02	2.6E-07
838	0.37	3.7E-07	2.1E+01	1.1E-02	6.1E-04	1.4E-04	4.7E-02	5.5E-02	3.7E-07
839	0.20	2.0E-07	1.2E+01	1.1E-02	6.1E-04	7.8E-05	4.7E-02	5.5E-02	2.0E-07
840	0.27	2.7E-07	1.6E+01	1.1E-02	6.1E-04	1.0E-04	4.7E-02	5.5E-02	2.7E-07
841	0.38	3.8E-07	2.2E+01	1.1E-02	6.1E-04	1.5E-04	4.7E-02	5.5E-02	3.8E-07
842	0.20	2.0E-07	1.2E+01	1.1E-02	6.1E-04	7.9E-05	4.7E-02	5.5E-02	2.0E-07
843	0.27	2.7E-07	1.6E+01	1.1E-02	6.1E-04	1.1E-04	4.7E-02	5.5E-02	2.7E-07
844	0.39	3.9E-07	2.3E+01	1.1E-02	6.1E-04	1.5E-04	4.7E-02	5.5E-02	3.9E-07
845	0.20	2.0E-07	1.2E+01	1.1E-02	6.1E-04	7.8E-05	4.7E-02	5.5E-02	2.0E-07

846	0.27	2.7E-07	1.6E+01	1.1E-02	6.1E-04	1.1E-04	4.7E-02	5.5E-02	2.7E-07
847	0.39	3.9E-07	2.3E+01	1.1E-02	6.1E-04	1.5E-04	4.7E-02	5.5E-02	3.9E-07
848	0.20	2.0E-07	1.1E+01	1.1E-02	6.1E-04	7.6E-05	4.7E-02	5.5E-02	2.0E-07
849	0.27	2.7E-07	1.6E+01	1.1E-02	6.1E-04	1.0E-04	4.7E-02	5.5E-02	2.7E-07
850	0.39	3.9E-07	2.3E+01	1.1E-02	6.1E-04	1.5E-04	4.7E-02	5.5E-02	3.9E-07
851	0.21	2.1E-07	1.2E+01	1.1E-02	6.1E-04	8.1E-05	4.7E-02	5.5E-02	2.1E-07
852	0.29	2.9E-07	1.7E+01	1.1E-02	6.1E-04	1.1E-04	4.7E-02	5.5E-02	2.9E-07
853	0.43	4.3E-07	2.5E+01	1.1E-02	6.1E-04	1.7E-04	4.7E-02	5.5E-02	4.3E-07
854	0.66	6.6E-07	3.8E+01	1.1E-02	6.1E-04	2.5E-04	4.7E-02	5.5E-02	6.6E-07
855	0.67	6.7E-07	3.9E+01	1.1E-02	6.1E-04	2.6E-04	4.7E-02	5.5E-02	6.7E-07
856	0.20	2.0E-07	1.2E+01	1.1E-02	6.1E-04	7.7E-05	4.7E-02	5.5E-02	2.0E-07
857	0.28	2.8E-07	1.6E+01	1.1E-02	6.1E-04	1.1E-04	4.7E-02	5.5E-02	2.8E-07
858	0.41	4.1E-07	2.4E+01	1.1E-02	6.1E-04	1.6E-04	4.7E-02	5.5E-02	4.1E-07
859	0.64	6.4E-07	3.7E+01	1.1E-02	6.1E-04	2.5E-04	4.7E-02	5.5E-02	6.4E-07
860	0.59	5.9E-07	3.5E+01	1.1E-02	6.1E-04	2.3E-04	4.7E-02	5.5E-02	5.9E-07
861	0.19	1.9E-07	1.1E+01	1.1E-02	6.1E-04	7.3E-05	4.7E-02	5.5E-02	1.9E-07
862	0.25	2.5E-07	1.5E+01	1.1E-02	6.1E-04	9.9E-05	4.7E-02	5.5E-02	2.5E-07
863	0.36	3.6E-07	2.1E+01	1.1E-02	6.1E-04	1.4E-04	4.7E-02	5.5E-02	3.6E-07
864	0.55	5.5E-07	3.2E+01	1.1E-02	6.1E-04	2.1E-04	4.7E-02	5.5E-02	5.5E-07
865	0.56	5.6E-07	3.3E+01	1.1E-02	6.1E-04	2.2E-04	4.7E-02	5.5E-02	5.6E-07
866	0.22	2.2E-07	1.3E+01	1.1E-02	6.1E-04	8.5E-05	4.7E-02	5.5E-02	2.2E-07
867	0.26	2.6E-07	1.5E+01	1.1E-02	6.1E-04	1.0E-04	4.7E-02	5.5E-02	2.6E-07
868	0.37	3.7E-07	2.1E+01	1.1E-02	6.1E-04	1.4E-04	4.7E-02	5.5E-02	3.6E-07
869	0.54	5.4E-07	3.2E+01	1.1E-02	6.1E-04	2.1E-04	4.7E-02	5.5E-02	5.4E-07
870	0.31	3.1E-07	1.8E+01	1.1E-02	6.1E-04	1.2E-04	4.7E-02	5.5E-02	3.0E-07
871	0.44	4.4E-07	2.6E+01	1.1E-02	6.1E-04	1.7E-04	4.7E-02	5.5E-02	4.4E-07
872	0.60	6.0E-07	3.5E+01	1.1E-02	6.1E-04	2.3E-04	4.7E-02	5.5E-02	6.0E-07

Franklin School Project

Risk From New Building Demo - Unmitigated School

Haul Route 1A							Haul Route 2A						
Conc	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
2.0E+01	2.0E-06	6.1E-04	2.3E-08	4.7E-02	5.5E-02	6.0E-11	9.9E+00	6.2E-06	6.1E-04	3.7E-08	4.7E-02	5.5E-02	9.6E-11
1.7E+01	2.0E-06	6.1E-04	2.0E-08	4.7E-02	5.5E-02	5.2E-11	9.6E+00	6.2E-06	6.1E-04	3.6E-08	4.7E-02	5.5E-02	9.4E-11
1.6E+01	2.0E-06	6.1E-04	1.9E-08	4.7E-02	5.5E-02	5.0E-11	8.4E+00	6.2E-06	6.1E-04	3.2E-08	4.7E-02	5.5E-02	8.1E-11
1.4E+01	2.0E-06	6.1E-04	1.7E-08	4.7E-02	5.5E-02	4.4E-11	8.2E+00	6.2E-06	6.1E-04	3.1E-08	4.7E-02	5.5E-02	8.0E-11
1.3E+01	2.0E-06	6.1E-04	1.6E-08	4.7E-02	5.5E-02	4.1E-11	7.2E+00	6.2E-06	6.1E-04	2.7E-08	4.7E-02	5.5E-02	7.0E-11
1.2E+01	2.0E-06	6.1E-04	1.4E-08	4.7E-02	5.5E-02	3.7E-11	7.1E+00	6.2E-06	6.1E-04	2.7E-08	4.7E-02	5.5E-02	6.9E-11
1.1E+01	2.0E-06	6.1E-04	1.3E-08	4.7E-02	5.5E-02	3.4E-11	6.2E+00	6.2E-06	6.1E-04	2.3E-08	4.7E-02	5.5E-02	6.0E-11
1.0E+01	2.0E-06	6.1E-04	1.2E-08	4.7E-02	5.5E-02	3.2E-11	6.2E+00	6.2E-06	6.1E-04	2.3E-08	4.7E-02	5.5E-02	6.0E-11
9.5E+00	2.0E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-02	2.9E-11	5.4E+00	6.2E-06	6.1E-04	2.0E-08	4.7E-02	5.5E-02	5.3E-11
8.8E+00	2.0E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-02	2.7E-11	5.4E+00	6.2E-06	6.1E-04	2.0E-08	4.7E-02	5.5E-02	5.2E-11
8.2E+00	2.0E-06	6.1E-04	9.7E-09	4.7E-02	5.5E-02	2.5E-11	4.8E+00	6.2E-06	6.1E-04	1.8E-08	4.7E-02	5.5E-02	4.7E-11
7.7E+00	2.0E-06	6.1E-04	9.1E-09	4.7E-02	5.5E-02	2.4E-11	4.8E+00	6.2E-06	6.1E-04	1.8E-08	4.7E-02	5.5E-02	4.6E-11
7.1E+00	2.0E-06	6.1E-04	8.4E-09	4.7E-02	5.5E-02	2.2E-11	4.3E+00	6.2E-06	6.1E-04	1.6E-08	4.7E-02	5.5E-02	4.1E-11
6.7E+00	2.0E-06	6.1E-04	8.0E-09	4.7E-02	5.5E-02	2.1E-11	4.3E+00	6.2E-06	6.1E-04	1.6E-08	4.7E-02	5.5E-02	4.1E-11
3.2E+01	2.0E-06	6.1E-04	3.8E-08	4.7E-02	5.5E-02	9.9E-11	1.8E+01	6.2E-06	6.1E-04	6.8E-08	4.7E-02	5.5E-02	1.7E-10
6.9E+01	2.0E-06	6.1E-04	8.3E-08	4.7E-02	5.5E-02	2.1E-10	1.8E+01	6.2E-06	6.1E-04	6.9E-08	4.7E-02	5.5E-02	1.8E-10
4.7E+01	2.0E-06	6.1E-04	5.6E-08	4.7E-02	5.5E-02	1.4E-10	1.8E+01	6.2E-06	6.1E-04	6.9E-08	4.7E-02	5.5E-02	1.8E-10
2.2E+01	2.0E-06	6.1E-04	2.6E-08	4.7E-02	5.5E-02	6.7E-11	1.4E+01	6.2E-06	6.1E-04	5.3E-08	4.7E-02	5.5E-02	1.4E-10
5.0E+01	2.0E-06	6.1E-04	6.0E-08	4.7E-02	5.5E-02	1.6E-10	1.4E+01	6.2E-06	6.1E-04	5.4E-08	4.7E-02	5.5E-02	1.4E-10
3.7E+01	2.0E-06	6.1E-04	4.4E-08	4.7E-02	5.5E-02	1.1E-10	1.4E+01	6.2E-06	6.1E-04	5.4E-08	4.7E-02	5.5E-02	1.4E-10
4.4E+01	2.0E-06	6.1E-04	5.3E-08	4.7E-02	5.5E-02	1.4E-10	1.1E+01	6.2E-06	6.1E-04	4.3E-08	4.7E-02	5.5E-02	1.1E-10
3.6E+01	2.0E-06	6.1E-04	4.3E-08	4.7E-02	5.5E-02	1.1E-10	1.2E+01	6.2E-06	6.1E-04	4.4E-08	4.7E-02	5.5E-02	1.1E-10
2.9E+01	2.0E-06	6.1E-04	3.4E-08	4.7E-02	5.5E-02	8.8E-11	1.2E+01	6.2E-06	6.1E-04	4.4E-08	4.7E-02	5.5E-02	1.1E-10
3.0E+01	2.0E-06	6.1E-04	3.6E-08	4.7E-02	5.5E-02	9.2E-11	9.4E+00	6.2E-06	6.1E-04	3.5E-08	4.7E-02	5.5E-02	9.1E-11
2.6E+01	2.0E-06	6.1E-04	3.1E-08	4.7E-02	5.5E-02	8.0E-11	9.7E+00	6.2E-06	6.1E-04	3.6E-08	4.7E-02	5.5E-02	9.4E-11
2.2E+01	2.0E-06	6.1E-04	2.7E-08	4.7E-02	5.5E-02	6.9E-11	9.7E+00	6.2E-06	6.1E-04	3.6E-08	4.7E-02	5.5E-02	9.4E-11
2.2E+01	2.0E-06	6.1E-04	2.6E-08	4.7E-02	5.5E-02	6.6E-11	7.9E+00	6.2E-06	6.1E-04	3.0E-08	4.7E-02	5.5E-02	7.7E-11
2.0E+01	2.0E-06	6.1E-04	2.4E-08	4.7E-02	5.5E-02	6.1E-11	8.1E+00	6.2E-06	6.1E-04	3.0E-08	4.7E-02	5.5E-02	7.9E-11
1.8E+01	2.0E-06	6.1E-04	2.1E-08	4.7E-02	5.5E-02	5.4E-11	8.2E+00	6.2E-06	6.1E-04	3.1E-08	4.7E-02	5.5E-02	7.9E-11
1.7E+01	2.0E-06	6.1E-04	2.1E-08	4.7E-02	5.5E-02	5.3E-11	7.0E+00	6.2E-06	6.1E-04	2.6E-08	4.7E-02	5.5E-02	6.7E-11
1.6E+01	2.0E-06	6.1E-04	1.9E-08	4.7E-02	5.5E-02	5.0E-11	7.1E+00	6.2E-06	6.1E-04	2.7E-08	4.7E-02	5.5E-02	6.9E-11
1.5E+01	2.0E-06	6.1E-04	1.8E-08	4.7E-02	5.5E-02	4.6E-11	7.2E+00	6.2E-06	6.1E-04	2.7E-08	4.7E-02	5.5E-02	7.0E-11
1.4E+01	2.0E-06	6.1E-04	1.6E-08	4.7E-02	5.5E-02	4.2E-11	6.0E+00	6.2E-06	6.1E-04	2.3E-08	4.7E-02	5.5E-02	5.8E-11
1.3E+01	2.0E-06	6.1E-04	1.6E-08	4.7E-02	5.5E-02	4.0E-11	6.1E+00	6.2E-06	6.1E-04	2.3E-08	4.7E-02	5.5E-02	6.0E-11
1.2E+01	2.0E-06	6.1E-04	1.5E-08	4.7E-02	5.5E-02	3.8E-11	6.2E+00	6.2E-06	6.1E-04	2.3E-08	4.7E-02	5.5E-02	6.0E-11
1.1E+01	2.0E-06	6.1E-04	1.3E-08	4.7E-02	5.5E-02	3.4E-11	5.2E+00	6.2E-06	6.1E-04	2.0E-08	4.7E-02	5.5E-02	5.1E-11
1.1E+01	2.0E-06	6.1E-04	1.3E-08	4.7E-02	5.5E-02	3.3E-11	5.4E+00	6.2E-06	6.1E-04	2.0E-08	4.7E-02	5.5E-02	5.2E-11
1.0E+01	2.0E-06	6.1E-04	1.2E-08	4.7E-02	5.5E-02	3.1E-11	5.4E+00	6.2E-06	6.1E-04	2.0E-08	4.7E-02	5.5E-02	5.3E-11
9.1E+00	2.0E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-02	2.8E-11	4.6E+00	6.2E-06	6.1E-04	1.7E-08	4.7E-02	5.5E-02	4.5E-11

8.9E+00	2.0E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-02	2.7E-11	4.7E+00	6.2E-06	6.1E-04	1.8E-08	4.7E-02	5.5E-02	4.6E-11
8.6E+00	2.0E-06	6.1E-04	1.0E-08	4.7E-02	5.5E-02	2.6E-11	4.8E+00	6.2E-06	6.1E-04	1.8E-08	4.7E-02	5.5E-02	4.6E-11
7.7E+00	2.0E-06	6.1E-04	9.1E-09	4.7E-02	5.5E-02	2.4E-11	4.1E+00	6.2E-06	6.1E-04	1.5E-08	4.7E-02	5.5E-02	4.0E-11
7.6E+00	2.0E-06	6.1E-04	9.0E-09	4.7E-02	5.5E-02	2.3E-11	4.2E+00	6.2E-06	6.1E-04	1.6E-08	4.7E-02	5.5E-02	4.0E-11
7.4E+00	2.0E-06	6.1E-04	8.8E-09	4.7E-02	5.5E-02	2.3E-11	4.2E+00	6.2E-06	6.1E-04	1.6E-08	4.7E-02	5.5E-02	4.1E-11
7.2E+00	2.0E-06	6.1E-04	8.5E-09	4.7E-02	5.5E-02	2.2E-11	3.9E+00	6.2E-06	6.1E-04	1.5E-08	4.7E-02	5.5E-02	3.8E-11
7.1E+00	2.0E-06	6.1E-04	8.4E-09	4.7E-02	5.5E-02	2.2E-11	4.0E+00	6.2E-06	6.1E-04	1.5E-08	4.7E-02	5.5E-02	3.9E-11
6.9E+00	2.0E-06	6.1E-04	8.2E-09	4.7E-02	5.5E-02	2.1E-11	4.1E+00	6.2E-06	6.1E-04	1.5E-08	4.7E-02	5.5E-02	3.9E-11
6.6E+00	2.0E-06	6.1E-04	7.9E-09	4.7E-02	5.5E-02	2.0E-11	4.1E+00	6.2E-06	6.1E-04	1.5E-08	4.7E-02	5.5E-02	4.0E-11
6.3E+00	2.0E-06	6.1E-04	7.5E-09	4.7E-02	5.5E-02	1.9E-11	4.1E+00	6.2E-06	6.1E-04	1.5E-08	4.7E-02	5.5E-02	3.9E-11
6.2E+00	2.0E-06	6.1E-04	7.4E-09	4.7E-02	5.5E-02	1.9E-11	3.5E+00	6.2E-06	6.1E-04	1.3E-08	4.7E-02	5.5E-02	3.4E-11
6.1E+00	2.0E-06	6.1E-04	7.3E-09	4.7E-02	5.5E-02	1.9E-11	3.6E+00	6.2E-06	6.1E-04	1.3E-08	4.7E-02	5.5E-02	3.5E-11
6.0E+00	2.0E-06	6.1E-04	7.1E-09	4.7E-02	5.5E-02	1.8E-11	3.6E+00	6.2E-06	6.1E-04	1.4E-08	4.7E-02	5.5E-02	3.5E-11
5.8E+00	2.0E-06	6.1E-04	6.9E-09	4.7E-02	5.5E-02	1.8E-11	3.7E+00	6.2E-06	6.1E-04	1.4E-08	4.7E-02	5.5E-02	3.5E-11
5.6E+00	2.0E-06	6.1E-04	6.6E-09	4.7E-02	5.5E-02	1.7E-11	3.7E+00	6.2E-06	6.1E-04	1.4E-08	4.7E-02	5.5E-02	3.5E-11
5.4E+00	2.0E-06	6.1E-04	6.4E-09	4.7E-02	5.5E-02	1.7E-11	3.2E+00	6.2E-06	6.1E-04	1.2E-08	4.7E-02	5.5E-02	3.1E-11
5.3E+00	2.0E-06	6.1E-04	6.4E-09	4.7E-02	5.5E-02	1.6E-11	3.2E+00	6.2E-06	6.1E-04	1.2E-08	4.7E-02	5.5E-02	3.1E-11
5.3E+00	2.0E-06	6.1E-04	6.3E-09	4.7E-02	5.5E-02	1.6E-11	3.3E+00	6.2E-06	6.1E-04	1.2E-08	4.7E-02	5.5E-02	3.2E-11
5.1E+00	2.0E-06	6.1E-04	6.1E-09	4.7E-02	5.5E-02	1.6E-11	3.3E+00	6.2E-06	6.1E-04	1.2E-08	4.7E-02	5.5E-02	3.2E-11
5.0E+00	2.0E-06	6.1E-04	5.9E-09	4.7E-02	5.5E-02	1.5E-11	3.3E+00	6.2E-06	6.1E-04	1.2E-08	4.7E-02	5.5E-02	3.2E-11
4.6E+01	2.0E-06	6.1E-04	5.4E-08	4.7E-02	5.5E-02	1.4E-10	1.9E+01	6.2E-06	6.1E-04	7.2E-08	4.7E-02	5.5E-02	1.9E-10
3.7E+01	2.0E-06	6.1E-04	4.4E-08	4.7E-02	5.5E-02	1.1E-10	1.5E+01	6.2E-06	6.1E-04	5.7E-08	4.7E-02	5.5E-02	1.5E-10
2.9E+01	2.0E-06	6.1E-04	3.4E-08	4.7E-02	5.5E-02	8.8E-11	1.5E+01	6.2E-06	6.1E-04	5.5E-08	4.7E-02	5.5E-02	1.4E-10
2.3E+01	2.0E-06	6.1E-04	2.7E-08	4.7E-02	5.5E-02	7.1E-11	1.4E+01	6.2E-06	6.1E-04	5.2E-08	4.7E-02	5.5E-02	1.3E-10
2.9E+01	2.0E-06	6.1E-04	3.4E-08	4.7E-02	5.5E-02	8.9E-11	1.2E+01	6.2E-06	6.1E-04	4.6E-08	4.7E-02	5.5E-02	1.2E-10
2.4E+01	2.0E-06	6.1E-04	2.8E-08	4.7E-02	5.5E-02	7.3E-11	1.2E+01	6.2E-06	6.1E-04	4.5E-08	4.7E-02	5.5E-02	1.2E-10
2.0E+01	2.0E-06	6.1E-04	2.3E-08	4.7E-02	5.5E-02	6.0E-11	1.1E+01	6.2E-06	6.1E-04	4.3E-08	4.7E-02	5.5E-02	1.1E-10

Franklin School Project

Risk From New Building Demo - Unmitigated School

Haul Route 1A							Haul Route 2A						
Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
9.9E+00	1.3E-05	6.1E-04	7.7E-08	4.7E-02	5.5E-02	2.0E-10	8.5E-01	1.4E-06	6.1E-04	7.0E-10	4.7E-02	5.5E-02	1.8E-12
9.6E+00	1.3E-05	6.1E-04	7.4E-08	4.7E-02	5.5E-02	1.9E-10	8.3E-01	1.4E-06	6.1E-04	6.9E-10	4.7E-02	5.5E-02	1.8E-12
8.4E+00	1.3E-05	6.1E-04	6.5E-08	4.7E-02	5.5E-02	1.7E-10	8.2E-01	1.4E-06	6.1E-04	6.8E-10	4.7E-02	5.5E-02	1.7E-12
8.2E+00	1.3E-05	6.1E-04	6.3E-08	4.7E-02	5.5E-02	1.6E-10	8.0E-01	1.4E-06	6.1E-04	6.6E-10	4.7E-02	5.5E-02	1.7E-12
7.2E+00	1.3E-05	6.1E-04	5.5E-08	4.7E-02	5.5E-02	1.4E-10	7.8E-01	1.4E-06	6.1E-04	6.5E-10	4.7E-02	5.5E-02	1.7E-12
7.1E+00	1.3E-05	6.1E-04	5.5E-08	4.7E-02	5.5E-02	1.4E-10	7.7E-01	1.4E-06	6.1E-04	6.4E-10	4.7E-02	5.5E-02	1.6E-12
6.2E+00	1.3E-05	6.1E-04	4.8E-08	4.7E-02	5.5E-02	1.2E-10	7.5E-01	1.4E-06	6.1E-04	6.2E-10	4.7E-02	5.5E-02	1.6E-12
6.2E+00	1.3E-05	6.1E-04	4.7E-08	4.7E-02	5.5E-02	1.2E-10	7.4E-01	1.4E-06	6.1E-04	6.1E-10	4.7E-02	5.5E-02	1.6E-12
5.4E+00	1.3E-05	6.1E-04	4.2E-08	4.7E-02	5.5E-02	1.1E-10	7.2E-01	1.4E-06	6.1E-04	6.0E-10	4.7E-02	5.5E-02	1.5E-12
5.4E+00	1.3E-05	6.1E-04	4.2E-08	4.7E-02	5.5E-02	1.1E-10	7.1E-01	1.4E-06	6.1E-04	5.9E-10	4.7E-02	5.5E-02	1.5E-12
4.8E+00	1.3E-05	6.1E-04	3.7E-08	4.7E-02	5.5E-02	9.6E-11	7.0E-01	1.4E-06	6.1E-04	5.8E-10	4.7E-02	5.5E-02	1.5E-12
4.8E+00	1.3E-05	6.1E-04	3.7E-08	4.7E-02	5.5E-02	9.5E-11	6.8E-01	1.4E-06	6.1E-04	5.7E-10	4.7E-02	5.5E-02	1.5E-12
4.3E+00	1.3E-05	6.1E-04	3.3E-08	4.7E-02	5.5E-02	8.5E-11	6.7E-01	1.4E-06	6.1E-04	5.6E-10	4.7E-02	5.5E-02	1.4E-12
4.3E+00	1.3E-05	6.1E-04	3.3E-08	4.7E-02	5.5E-02	8.5E-11	6.6E-01	1.4E-06	6.1E-04	5.5E-10	4.7E-02	5.5E-02	1.4E-12
1.8E+01	1.3E-05	6.1E-04	1.4E-07	4.7E-02	5.5E-02	3.6E-10	1.0E+00	1.4E-06	6.1E-04	8.5E-10	4.7E-02	5.5E-02	2.2E-12
1.8E+01	1.3E-05	6.1E-04	1.4E-07	4.7E-02	5.5E-02	3.7E-10	1.0E+00	1.4E-06	6.1E-04	8.3E-10	4.7E-02	5.5E-02	2.1E-12
1.8E+01	1.3E-05	6.1E-04	1.4E-07	4.7E-02	5.5E-02	3.6E-10	9.8E-01	1.4E-06	6.1E-04	8.1E-10	4.7E-02	5.5E-02	2.1E-12
1.4E+01	1.3E-05	6.1E-04	1.1E-07	4.7E-02	5.5E-02	2.8E-10	9.8E-01	1.4E-06	6.1E-04	8.1E-10	4.7E-02	5.5E-02	2.1E-12
1.4E+01	1.3E-05	6.1E-04	1.1E-07	4.7E-02	5.5E-02	2.9E-10	9.6E-01	1.4E-06	6.1E-04	8.0E-10	4.7E-02	5.5E-02	2.1E-12
1.4E+01	1.3E-05	6.1E-04	1.1E-07	4.7E-02	5.5E-02	2.9E-10	9.4E-01	1.4E-06	6.1E-04	7.8E-10	4.7E-02	5.5E-02	2.0E-12
1.1E+01	1.3E-05	6.1E-04	8.8E-08	4.7E-02	5.5E-02	2.3E-10	9.4E-01	1.4E-06	6.1E-04	7.8E-10	4.7E-02	5.5E-02	2.0E-12
1.2E+01	1.3E-05	6.1E-04	9.0E-08	4.7E-02	5.5E-02	2.3E-10	9.2E-01	1.4E-06	6.1E-04	7.6E-10	4.7E-02	5.5E-02	2.0E-12
1.2E+01	1.3E-05	6.1E-04	9.1E-08	4.7E-02	5.5E-02	2.3E-10	9.0E-01	1.4E-06	6.1E-04	7.5E-10	4.7E-02	5.5E-02	1.9E-12
9.4E+00	1.3E-05	6.1E-04	7.3E-08	4.7E-02	5.5E-02	1.9E-10	9.0E-01	1.4E-06	6.1E-04	7.4E-10	4.7E-02	5.5E-02	1.9E-12
9.7E+00	1.3E-05	6.1E-04	7.4E-08	4.7E-02	5.5E-02	1.9E-10	8.8E-01	1.4E-06	6.1E-04	7.3E-10	4.7E-02	5.5E-02	1.9E-12
9.7E+00	1.3E-05	6.1E-04	7.5E-08	4.7E-02	5.5E-02	1.9E-10	8.6E-01	1.4E-06	6.1E-04	7.1E-10	4.7E-02	5.5E-02	1.8E-12
7.9E+00	1.3E-05	6.1E-04	6.1E-08	4.7E-02	5.5E-02	1.6E-10	8.6E-01	1.4E-06	6.1E-04	7.1E-10	4.7E-02	5.5E-02	1.8E-12
8.1E+00	1.3E-05	6.1E-04	6.3E-08	4.7E-02	5.5E-02	1.6E-10	8.4E-01	1.4E-06	6.1E-04	7.0E-10	4.7E-02	5.5E-02	1.8E-12
8.2E+00	1.3E-05	6.1E-04	6.3E-08	4.7E-02	5.5E-02	1.6E-10	8.3E-01	1.4E-06	6.1E-04	6.8E-10	4.7E-02	5.5E-02	1.8E-12
7.0E+00	1.3E-05	6.1E-04	5.4E-08	4.7E-02	5.5E-02	1.4E-10	8.3E-01	1.4E-06	6.1E-04	6.9E-10	4.7E-02	5.5E-02	1.8E-12
7.1E+00	1.3E-05	6.1E-04	5.5E-08	4.7E-02	5.5E-02	1.4E-10	8.1E-01	1.4E-06	6.1E-04	6.8E-10	4.7E-02	5.5E-02	1.7E-12
7.2E+00	1.3E-05	6.1E-04	5.6E-08	4.7E-02	5.5E-02	1.4E-10	8.0E-01	1.4E-06	6.1E-04	6.6E-10	4.7E-02	5.5E-02	1.7E-12
6.0E+00	1.3E-05	6.1E-04	4.6E-08	4.7E-02	5.5E-02	1.2E-10	7.9E-01	1.4E-06	6.1E-04	6.6E-10	4.7E-02	5.5E-02	1.7E-12
6.1E+00	1.3E-05	6.1E-04	4.7E-08	4.7E-02	5.5E-02	1.2E-10	7.8E-01	1.4E-06	6.1E-04	6.5E-10	4.7E-02	5.5E-02	1.7E-12
6.2E+00	1.3E-05	6.1E-04	4.8E-08	4.7E-02	5.5E-02	1.2E-10	7.7E-01	1.4E-06	6.1E-04	6.4E-10	4.7E-02	5.5E-02	1.6E-12
5.2E+00	1.3E-05	6.1E-04	4.0E-08	4.7E-02	5.5E-02	1.0E-10	7.6E-01	1.4E-06	6.1E-04	6.3E-10	4.7E-02	5.5E-02	1.6E-12
5.4E+00	1.3E-05	6.1E-04	4.1E-08	4.7E-02	5.5E-02	1.1E-10	7.5E-01	1.4E-06	6.1E-04	6.2E-10	4.7E-02	5.5E-02	1.6E-12
5.4E+00	1.3E-05	6.1E-04	4.2E-08	4.7E-02	5.5E-02	1.1E-10	7.4E-01	1.4E-06	6.1E-04	6.1E-10	4.7E-02	5.5E-02	1.6E-12
4.6E+00	1.3E-05	6.1E-04	3.5E-08	4.7E-02	5.5E-02	9.1E-11	7.3E-01	1.4E-06	6.1E-04	6.1E-10	4.7E-02	5.5E-02	1.6E-12

4.7E+00	1.3E-05	6.1E-04	3.6E-08	4.7E-02	5.5E-02	9.4E-11	7.2E-01	1.4E-06	6.1E-04	6.0E-10	4.7E-02	5.5E-02	1.5E-12
4.8E+00	1.3E-05	6.1E-04	3.7E-08	4.7E-02	5.5E-02	9.5E-11	7.1E-01	1.4E-06	6.1E-04	5.9E-10	4.7E-02	5.5E-02	1.5E-12
4.1E+00	1.3E-05	6.1E-04	3.1E-08	4.7E-02	5.5E-02	8.1E-11	7.0E-01	1.4E-06	6.1E-04	5.8E-10	4.7E-02	5.5E-02	1.5E-12
4.2E+00	1.3E-05	6.1E-04	3.2E-08	4.7E-02	5.5E-02	8.3E-11	6.9E-01	1.4E-06	6.1E-04	5.7E-10	4.7E-02	5.5E-02	1.5E-12
4.2E+00	1.3E-05	6.1E-04	3.3E-08	4.7E-02	5.5E-02	8.4E-11	6.8E-01	1.4E-06	6.1E-04	5.7E-10	4.7E-02	5.5E-02	1.5E-12
3.9E+00	1.3E-05	6.1E-04	3.0E-08	4.7E-02	5.5E-02	7.8E-11	6.9E-01	1.4E-06	6.1E-04	5.7E-10	4.7E-02	5.5E-02	1.5E-12
4.0E+00	1.3E-05	6.1E-04	3.1E-08	4.7E-02	5.5E-02	8.0E-11	6.8E-01	1.4E-06	6.1E-04	5.6E-10	4.7E-02	5.5E-02	1.5E-12
4.1E+00	1.3E-05	6.1E-04	3.1E-08	4.7E-02	5.5E-02	8.1E-11	6.7E-01	1.4E-06	6.1E-04	5.5E-10	4.7E-02	5.5E-02	1.4E-12
4.1E+00	1.3E-05	6.1E-04	3.1E-08	4.7E-02	5.5E-02	8.1E-11	6.6E-01	1.4E-06	6.1E-04	5.5E-10	4.7E-02	5.5E-02	1.4E-12
4.1E+00	1.3E-05	6.1E-04	3.1E-08	4.7E-02	5.5E-02	8.1E-11	6.5E-01	1.4E-06	6.1E-04	5.4E-10	4.7E-02	5.5E-02	1.4E-12
3.5E+00	1.3E-05	6.1E-04	2.7E-08	4.7E-02	5.5E-02	7.0E-11	6.6E-01	1.4E-06	6.1E-04	5.5E-10	4.7E-02	5.5E-02	1.4E-12
3.6E+00	1.3E-05	6.1E-04	2.8E-08	4.7E-02	5.5E-02	7.1E-11	6.5E-01	1.4E-06	6.1E-04	5.4E-10	4.7E-02	5.5E-02	1.4E-12
3.6E+00	1.3E-05	6.1E-04	2.8E-08	4.7E-02	5.5E-02	7.2E-11	6.5E-01	1.4E-06	6.1E-04	5.3E-10	4.7E-02	5.5E-02	1.4E-12
3.7E+00	1.3E-05	6.1E-04	2.8E-08	4.7E-02	5.5E-02	7.3E-11	6.4E-01	1.4E-06	6.1E-04	5.3E-10	4.7E-02	5.5E-02	1.4E-12
3.7E+00	1.3E-05	6.1E-04	2.8E-08	4.7E-02	5.5E-02	7.3E-11	6.2E-01	1.4E-06	6.1E-04	5.2E-10	4.7E-02	5.5E-02	1.3E-12
3.2E+00	1.3E-05	6.1E-04	2.4E-08	4.7E-02	5.5E-02	6.3E-11	6.4E-01	1.4E-06	6.1E-04	5.3E-10	4.7E-02	5.5E-02	1.4E-12
3.2E+00	1.3E-05	6.1E-04	2.5E-08	4.7E-02	5.5E-02	6.4E-11	6.3E-01	1.4E-06	6.1E-04	5.2E-10	4.7E-02	5.5E-02	1.4E-12
3.3E+00	1.3E-05	6.1E-04	2.5E-08	4.7E-02	5.5E-02	6.5E-11	6.2E-01	1.4E-06	6.1E-04	5.2E-10	4.7E-02	5.5E-02	1.3E-12
3.3E+00	1.3E-05	6.1E-04	2.5E-08	4.7E-02	5.5E-02	6.6E-11	6.1E-01	1.4E-06	6.1E-04	5.1E-10	4.7E-02	5.5E-02	1.3E-12
3.3E+00	1.3E-05	6.1E-04	2.5E-08	4.7E-02	5.5E-02	6.6E-11	6.0E-01	1.4E-06	6.1E-04	5.0E-10	4.7E-02	5.5E-02	1.3E-12
1.9E+01	1.3E-05	6.1E-04	1.5E-07	4.7E-02	5.5E-02	3.8E-10	9.9E-01	1.4E-06	6.1E-04	8.2E-10	4.7E-02	5.5E-02	2.1E-12
1.5E+01	1.3E-05	6.1E-04	1.2E-07	4.7E-02	5.5E-02	3.0E-10	9.4E-01	1.4E-06	6.1E-04	7.8E-10	4.7E-02	5.5E-02	2.0E-12
1.5E+01	1.3E-05	6.1E-04	1.1E-07	4.7E-02	5.5E-02	2.9E-10	9.2E-01	1.4E-06	6.1E-04	7.6E-10	4.7E-02	5.5E-02	2.0E-12
1.4E+01	1.3E-05	6.1E-04	1.1E-07	4.7E-02	5.5E-02	2.8E-10	9.0E-01	1.4E-06	6.1E-04	7.5E-10	4.7E-02	5.5E-02	1.9E-12
1.2E+01	1.3E-05	6.1E-04	9.4E-08	4.7E-02	5.5E-02	2.4E-10	9.0E-01	1.4E-06	6.1E-04	7.5E-10	4.7E-02	5.5E-02	1.9E-12
1.2E+01	1.3E-05	6.1E-04	9.2E-08	4.7E-02	5.5E-02	2.4E-10	8.8E-01	1.4E-06	6.1E-04	7.3E-10	4.7E-02	5.5E-02	1.9E-12
1.1E+01	1.3E-05	6.1E-04	8.8E-08	4.7E-02	5.5E-02	2.3E-10	8.6E-01	1.4E-06	6.1E-04	7.2E-10	4.7E-02	5.5E-02	1.8E-12

Risk From New Building Grading - Unmitigated School

Franklin School Project

Risk From New Building Grading - Unmitigated School

0.13	Max

						Onsite			
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
807	0.08	7.7E-08	2.9E+01	6.7E-03	6.1E-04	1.2E-04	4.7E-02	1.4E-02	7.7E-08
808	0.09	8.7E-08	3.3E+01	6.7E-03	6.1E-04	1.3E-04	4.7E-02	1.4E-02	8.7E-08
809	0.08	8.5E-08	3.2E+01	6.7E-03	6.1E-04	1.3E-04	4.7E-02	1.4E-02	8.5E-08
810	0.09	9.2E-08	3.5E+01	6.7E-03	6.1E-04	1.4E-04	4.7E-02	1.4E-02	9.2E-08
811	0.09	8.8E-08	3.3E+01	6.7E-03	6.1E-04	1.4E-04	4.7E-02	1.4E-02	8.8E-08
812	0.11	1.1E-07	4.2E+01	6.7E-03	6.1E-04	1.7E-04	4.7E-02	1.4E-02	1.1E-07
813	0.09	9.0E-08	3.4E+01	6.7E-03	6.1E-04	1.4E-04	4.7E-02	1.4E-02	9.0E-08
814	0.12	1.2E-07	4.6E+01	6.7E-03	6.1E-04	1.8E-04	4.7E-02	1.4E-02	1.2E-07
815	0.09	9.4E-08	3.6E+01	6.7E-03	6.1E-04	1.5E-04	4.7E-02	1.4E-02	9.4E-08
816	0.10	1.0E-07	4.0E+01	6.7E-03	6.1E-04	1.6E-04	4.7E-02	1.4E-02	1.0E-07
817	0.10	9.7E-08	3.7E+01	6.7E-03	6.1E-04	1.5E-04	4.7E-02	1.4E-02	9.7E-08
818	0.10	1.0E-07	4.0E+01	6.7E-03	6.1E-04	1.6E-04	4.7E-02	1.4E-02	1.0E-07
819	0.09	9.4E-08	3.6E+01	6.7E-03	6.1E-04	1.5E-04	4.7E-02	1.4E-02	9.4E-08
820	0.13	1.3E-07	4.8E+01	6.7E-03	6.1E-04	2.0E-04	4.7E-02	1.4E-02	1.3E-07
821	0.02	2.1E-08	7.9E+00	6.7E-03	6.1E-04	3.2E-05	4.7E-02	1.4E-02	2.1E-08
822	0.03	2.5E-08	9.7E+00	6.7E-03	6.1E-04	3.9E-05	4.7E-02	1.4E-02	2.5E-08
823	0.03	3.3E-08	1.3E+01	6.7E-03	6.1E-04	5.1E-05	4.7E-02	1.4E-02	3.3E-08
824	0.02	2.3E-08	8.7E+00	6.7E-03	6.1E-04	3.5E-05	4.7E-02	1.4E-02	2.3E-08
825	0.03	2.9E-08	1.1E+01	6.7E-03	6.1E-04	4.5E-05	4.7E-02	1.4E-02	2.9E-08
826	0.04	3.9E-08	1.5E+01	6.7E-03	6.1E-04	6.0E-05	4.7E-02	1.4E-02	3.9E-08
827	0.03	2.5E-08	9.6E+00	6.7E-03	6.1E-04	3.9E-05	4.7E-02	1.4E-02	2.5E-08
828	0.03	3.3E-08	1.3E+01	6.7E-03	6.1E-04	5.1E-05	4.7E-02	1.4E-02	3.3E-08
829	0.04	4.5E-08	1.7E+01	6.7E-03	6.1E-04	7.0E-05	4.7E-02	1.4E-02	4.5E-08
830	0.03	2.7E-08	1.0E+01	6.7E-03	6.1E-04	4.2E-05	4.7E-02	1.4E-02	2.7E-08
831	0.04	3.6E-08	1.4E+01	6.7E-03	6.1E-04	5.6E-05	4.7E-02	1.4E-02	3.6E-08
832	0.05	5.0E-08	1.9E+01	6.7E-03	6.1E-04	7.8E-05	4.7E-02	1.4E-02	5.0E-08
833	0.03	2.9E-08	1.1E+01	6.7E-03	6.1E-04	4.5E-05	4.7E-02	1.4E-02	2.9E-08
834	0.04	3.8E-08	1.5E+01	6.7E-03	6.1E-04	5.9E-05	4.7E-02	1.4E-02	3.8E-08
835	0.05	5.4E-08	2.1E+01	6.7E-03	6.1E-04	8.4E-05	4.7E-02	1.4E-02	5.4E-08
836	0.03	3.0E-08	1.1E+01	6.7E-03	6.1E-04	4.6E-05	4.7E-02	1.4E-02	3.0E-08
837	0.04	3.9E-08	1.5E+01	6.7E-03	6.1E-04	6.1E-05	4.7E-02	1.4E-02	3.9E-08
838	0.06	5.6E-08	2.1E+01	6.7E-03	6.1E-04	8.7E-05	4.7E-02	1.4E-02	5.6E-08
839	0.03	3.1E-08	1.2E+01	6.7E-03	6.1E-04	4.8E-05	4.7E-02	1.4E-02	3.1E-08
840	0.04	4.1E-08	1.6E+01	6.7E-03	6.1E-04	6.3E-05	4.7E-02	1.4E-02	4.1E-08
841	0.06	5.8E-08	2.2E+01	6.7E-03	6.1E-04	8.9E-05	4.7E-02	1.4E-02	5.8E-08
842	0.03	3.1E-08	1.2E+01	6.7E-03	6.1E-04	4.8E-05	4.7E-02	1.4E-02	3.1E-08
843	0.04	4.2E-08	1.6E+01	6.7E-03	6.1E-04	6.5E-05	4.7E-02	1.4E-02	4.2E-08
844	0.06	5.9E-08	2.3E+01	6.7E-03	6.1E-04	9.2E-05	4.7E-02	1.4E-02	5.9E-08
845	0.03	3.1E-08	1.2E+01	6.7E-03	6.1E-04	4.8E-05	4.7E-02	1.4E-02	3.1E-08

846	0.04	4.2E-08	1.6E+01	6.7E-03	6.1E-04	6.4E-05	4.7E-02	1.4E-02	4.2E-08
847	0.06	6.0E-08	2.3E+01	6.7E-03	6.1E-04	9.3E-05	4.7E-02	1.4E-02	6.0E-08
848	0.03	3.0E-08	1.1E+01	6.7E-03	6.1E-04	4.6E-05	4.7E-02	1.4E-02	3.0E-08
849	0.04	4.1E-08	1.6E+01	6.7E-03	6.1E-04	6.3E-05	4.7E-02	1.4E-02	4.1E-08
850	0.06	5.9E-08	2.3E+01	6.7E-03	6.1E-04	9.2E-05	4.7E-02	1.4E-02	5.9E-08
851	0.03	3.2E-08	1.2E+01	6.7E-03	6.1E-04	5.0E-05	4.7E-02	1.4E-02	3.2E-08
852	0.04	4.5E-08	1.7E+01	6.7E-03	6.1E-04	6.9E-05	4.7E-02	1.4E-02	4.5E-08
853	0.07	6.6E-08	2.5E+01	6.7E-03	6.1E-04	1.0E-04	4.7E-02	1.4E-02	6.6E-08
854	0.10	1.0E-07	3.8E+01	6.7E-03	6.1E-04	1.6E-04	4.7E-02	1.4E-02	1.0E-07
855	0.10	1.0E-07	3.9E+01	6.7E-03	6.1E-04	1.6E-04	4.7E-02	1.4E-02	1.0E-07
856	0.03	3.1E-08	1.2E+01	6.7E-03	6.1E-04	4.7E-05	4.7E-02	1.4E-02	3.1E-08
857	0.04	4.2E-08	1.6E+01	6.7E-03	6.1E-04	6.5E-05	4.7E-02	1.4E-02	4.2E-08
858	0.06	6.2E-08	2.4E+01	6.7E-03	6.1E-04	9.6E-05	4.7E-02	1.4E-02	6.2E-08
859	0.10	9.8E-08	3.7E+01	6.7E-03	6.1E-04	1.5E-04	4.7E-02	1.4E-02	9.8E-08
860	0.09	9.1E-08	3.5E+01	6.7E-03	6.1E-04	1.4E-04	4.7E-02	1.4E-02	9.1E-08
861	0.03	2.9E-08	1.1E+01	6.7E-03	6.1E-04	4.5E-05	4.7E-02	1.4E-02	2.9E-08
862	0.04	3.9E-08	1.5E+01	6.7E-03	6.1E-04	6.0E-05	4.7E-02	1.4E-02	3.9E-08
863	0.06	5.6E-08	2.1E+01	6.7E-03	6.1E-04	8.6E-05	4.7E-02	1.4E-02	5.6E-08
864	0.08	8.5E-08	3.2E+01	6.7E-03	6.1E-04	1.3E-04	4.7E-02	1.4E-02	8.5E-08
865	0.09	8.5E-08	3.3E+01	6.7E-03	6.1E-04	1.3E-04	4.7E-02	1.4E-02	8.5E-08
866	0.03	3.4E-08	1.3E+01	6.7E-03	6.1E-04	5.2E-05	4.7E-02	1.4E-02	3.4E-08
867	0.04	4.0E-08	1.5E+01	6.7E-03	6.1E-04	6.2E-05	4.7E-02	1.4E-02	4.0E-08
868	0.06	5.6E-08	2.1E+01	6.7E-03	6.1E-04	8.7E-05	4.7E-02	1.4E-02	5.6E-08
869	0.08	8.3E-08	3.2E+01	6.7E-03	6.1E-04	1.3E-04	4.7E-02	1.4E-02	8.3E-08
870	0.05	4.7E-08	1.8E+01	6.7E-03	6.1E-04	7.2E-05	4.7E-02	1.4E-02	4.7E-08
871	0.07	6.8E-08	2.6E+01	6.7E-03	6.1E-04	1.1E-04	4.7E-02	1.4E-02	6.8E-08
872	0.09	9.2E-08	3.5E+01	6.7E-03	6.1E-04	1.4E-04	4.7E-02	1.4E-02	9.2E-08

Risk From New Building Const - Unmitigated School

Franklin School Project

Risk From New Building Const - Unmitigated School

	7.99	Max

Onsite

Receptor #	Total/ Million	Total	Conc	g/sec	D1	Dose	R1	ED	Risk
807	0.97	9.7E-07	8.6E+00	7.2E-03	6.1E-04	3.7E-05	4.7E-02	5.5E-01	9.7E-07
808	1.12	1.1E-06	9.9E+00	7.2E-03	6.1E-04	4.3E-05	4.7E-02	5.5E-01	1.1E-06
809	1.19	1.2E-06	1.1E+01	7.2E-03	6.1E-04	4.6E-05	4.7E-02	5.5E-01	1.2E-06
810	1.40	1.4E-06	1.2E+01	7.2E-03	6.1E-04	5.4E-05	4.7E-02	5.5E-01	1.4E-06
811	1.48	1.5E-06	1.3E+01	7.2E-03	6.1E-04	5.7E-05	4.7E-02	5.5E-01	1.5E-06
812	1.80	1.8E-06	1.6E+01	7.2E-03	6.1E-04	7.0E-05	4.7E-02	5.5E-01	1.8E-06
813	1.88	1.9E-06	1.7E+01	7.2E-03	6.1E-04	7.3E-05	4.7E-02	5.5E-01	1.9E-06
814	2.40	2.4E-06	2.1E+01	7.2E-03	6.1E-04	9.3E-05	4.7E-02	5.5E-01	2.4E-06
815	2.41	2.4E-06	2.1E+01	7.2E-03	6.1E-04	9.3E-05	4.7E-02	5.5E-01	2.4E-06
816	3.29	3.3E-06	2.9E+01	7.2E-03	6.1E-04	1.3E-04	4.7E-02	5.5E-01	3.3E-06
817	3.11	3.1E-06	2.8E+01	7.2E-03	6.1E-04	1.2E-04	4.7E-02	5.5E-01	3.1E-06
818	4.60	4.6E-06	4.1E+01	7.2E-03	6.1E-04	1.8E-04	4.7E-02	5.5E-01	4.6E-06
819	3.84	3.8E-06	3.4E+01	7.2E-03	6.1E-04	1.5E-04	4.7E-02	5.5E-01	3.8E-06
820	6.45	6.4E-06	5.7E+01	7.2E-03	6.1E-04	2.5E-04	4.7E-02	5.5E-01	6.4E-06
821	0.44	4.4E-07	3.9E+00	7.2E-03	6.1E-04	1.7E-05	4.7E-02	5.5E-01	4.4E-07
822	0.48	4.8E-07	4.3E+00	7.2E-03	6.1E-04	1.9E-05	4.7E-02	5.5E-01	4.8E-07
823	0.53	5.3E-07	4.7E+00	7.2E-03	6.1E-04	2.1E-05	4.7E-02	5.5E-01	5.3E-07
824	0.49	4.9E-07	4.4E+00	7.2E-03	6.1E-04	1.9E-05	4.7E-02	5.5E-01	4.9E-07
825	0.55	5.5E-07	4.9E+00	7.2E-03	6.1E-04	2.1E-05	4.7E-02	5.5E-01	5.5E-07
826	0.62	6.2E-07	5.5E+00	7.2E-03	6.1E-04	2.4E-05	4.7E-02	5.5E-01	6.1E-07
827	0.56	5.6E-07	5.0E+00	7.2E-03	6.1E-04	2.2E-05	4.7E-02	5.5E-01	5.6E-07
828	0.64	6.4E-07	5.7E+00	7.2E-03	6.1E-04	2.5E-05	4.7E-02	5.5E-01	6.3E-07
829	0.72	7.2E-07	6.4E+00	7.2E-03	6.1E-04	2.8E-05	4.7E-02	5.5E-01	7.2E-07
830	0.64	6.4E-07	5.6E+00	7.2E-03	6.1E-04	2.5E-05	4.7E-02	5.5E-01	6.3E-07
831	0.73	7.3E-07	6.5E+00	7.2E-03	6.1E-04	2.8E-05	4.7E-02	5.5E-01	7.3E-07
832	0.86	8.6E-07	7.6E+00	7.2E-03	6.1E-04	3.3E-05	4.7E-02	5.5E-01	8.5E-07
833	0.72	7.2E-07	6.4E+00	7.2E-03	6.1E-04	2.8E-05	4.7E-02	5.5E-01	7.2E-07
834	0.85	8.5E-07	7.6E+00	7.2E-03	6.1E-04	3.3E-05	4.7E-02	5.5E-01	8.5E-07
835	1.02	1.0E-06	9.1E+00	7.2E-03	6.1E-04	4.0E-05	4.7E-02	5.5E-01	1.0E-06
836	0.80	8.0E-07	7.1E+00	7.2E-03	6.1E-04	3.1E-05	4.7E-02	5.5E-01	8.0E-07
837	0.96	9.6E-07	8.5E+00	7.2E-03	6.1E-04	3.7E-05	4.7E-02	5.5E-01	9.6E-07
838	1.18	1.2E-06	1.1E+01	7.2E-03	6.1E-04	4.6E-05	4.7E-02	5.5E-01	1.2E-06
839	0.91	9.1E-07	8.1E+00	7.2E-03	6.1E-04	3.5E-05	4.7E-02	5.5E-01	9.1E-07
840	1.12	1.1E-06	9.9E+00	7.2E-03	6.1E-04	4.3E-05	4.7E-02	5.5E-01	1.1E-06
841	1.42	1.4E-06	1.3E+01	7.2E-03	6.1E-04	5.5E-05	4.7E-02	5.5E-01	1.4E-06
842	1.02	1.0E-06	9.1E+00	7.2E-03	6.1E-04	3.9E-05	4.7E-02	5.5E-01	1.0E-06
843	1.30	1.3E-06	1.2E+01	7.2E-03	6.1E-04	5.0E-05	4.7E-02	5.5E-01	1.3E-06
844	1.72	1.7E-06	1.5E+01	7.2E-03	6.1E-04	6.7E-05	4.7E-02	5.5E-01	1.7E-06
845	1.12	1.1E-06	9.9E+00	7.2E-03	6.1E-04	4.3E-05	4.7E-02	5.5E-01	1.1E-06

846	1.48	1.5E-06	1.3E+01	7.2E-03	6.1E-04	5.7E-05	4.7E-02	5.5E-01	1.5E-06
847	2.06	2.1E-06	1.8E+01	7.2E-03	6.1E-04	8.0E-05	4.7E-02	5.5E-01	2.1E-06
848	1.20	1.2E-06	1.1E+01	7.2E-03	6.1E-04	4.6E-05	4.7E-02	5.5E-01	1.2E-06
849	1.62	1.6E-06	1.4E+01	7.2E-03	6.1E-04	6.3E-05	4.7E-02	5.5E-01	1.6E-06
850	2.38	2.4E-06	2.1E+01	7.2E-03	6.1E-04	9.2E-05	4.7E-02	5.5E-01	2.4E-06
851	1.33	1.3E-06	1.2E+01	7.2E-03	6.1E-04	5.2E-05	4.7E-02	5.5E-01	1.3E-06
852	1.87	1.9E-06	1.7E+01	7.2E-03	6.1E-04	7.2E-05	4.7E-02	5.5E-01	1.9E-06
853	2.83	2.8E-06	2.5E+01	7.2E-03	6.1E-04	1.1E-04	4.7E-02	5.5E-01	2.8E-06
854	4.50	4.5E-06	4.0E+01	7.2E-03	6.1E-04	1.7E-04	4.7E-02	5.5E-01	4.5E-06
855	6.33	6.3E-06	5.6E+01	7.2E-03	6.1E-04	2.5E-04	4.7E-02	5.5E-01	6.3E-06
856	1.36	1.4E-06	1.2E+01	7.2E-03	6.1E-04	5.3E-05	4.7E-02	5.5E-01	1.4E-06
857	1.94	1.9E-06	1.7E+01	7.2E-03	6.1E-04	7.5E-05	4.7E-02	5.5E-01	1.9E-06
858	2.99	3.0E-06	2.7E+01	7.2E-03	6.1E-04	1.2E-04	4.7E-02	5.5E-01	3.0E-06
859	4.95	5.0E-06	4.4E+01	7.2E-03	6.1E-04	1.9E-04	4.7E-02	5.5E-01	5.0E-06
860	7.17	7.2E-06	6.4E+01	7.2E-03	6.1E-04	2.8E-04	4.7E-02	5.5E-01	7.2E-06
861	1.37	1.4E-06	1.2E+01	7.2E-03	6.1E-04	5.3E-05	4.7E-02	5.5E-01	1.4E-06
862	1.93	1.9E-06	1.7E+01	7.2E-03	6.1E-04	7.5E-05	4.7E-02	5.5E-01	1.9E-06
863	2.91	2.9E-06	2.6E+01	7.2E-03	6.1E-04	1.1E-04	4.7E-02	5.5E-01	2.9E-06
864	4.69	4.7E-06	4.2E+01	7.2E-03	6.1E-04	1.8E-04	4.7E-02	5.5E-01	4.7E-06
865	7.99	8.0E-06	7.1E+01	7.2E-03	6.1E-04	3.1E-04	4.7E-02	5.5E-01	8.0E-06
866	0.53	5.3E-07	4.7E+00	7.2E-03	6.1E-04	2.0E-05	4.7E-02	5.5E-01	5.3E-07
867	0.61	6.1E-07	5.4E+00	7.2E-03	6.1E-04	2.4E-05	4.7E-02	5.5E-01	6.1E-07
868	0.68	6.8E-07	6.1E+00	7.2E-03	6.1E-04	2.6E-05	4.7E-02	5.5E-01	6.8E-07
869	0.76	7.6E-07	6.7E+00	7.2E-03	6.1E-04	2.9E-05	4.7E-02	5.5E-01	7.6E-07
870	0.72	7.2E-07	6.4E+00	7.2E-03	6.1E-04	2.8E-05	4.7E-02	5.5E-01	7.2E-07
871	0.81	8.1E-07	7.2E+00	7.2E-03	6.1E-04	3.1E-05	4.7E-02	5.5E-01	8.1E-07
872	0.92	9.2E-07	8.2E+00	7.2E-03	6.1E-04	3.6E-05	4.7E-02	5.5E-01	9.2E-07

Franklin School Project

Risk From New Building Const - Unmitigated School

Haul Route 1A							Haul Route 2A						
Conc	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
2.0E+01	8.0E-07	6.1E-04	9.5E-09	4.7E-02	5.5E-01	2.4E-10	9.9E+00	2.5E-06	6.1E-04	1.5E-08	4.7E-02	5.5E-01	3.9E-10
1.7E+01	8.0E-07	6.1E-04	8.1E-09	4.7E-02	5.5E-01	2.1E-10	9.6E+00	2.5E-06	6.1E-04	1.5E-08	4.7E-02	5.5E-01	3.8E-10
1.6E+01	8.0E-07	6.1E-04	7.8E-09	4.7E-02	5.5E-01	2.0E-10	8.4E+00	2.5E-06	6.1E-04	1.3E-08	4.7E-02	5.5E-01	3.3E-10
1.4E+01	8.0E-07	6.1E-04	6.8E-09	4.7E-02	5.5E-01	1.8E-10	8.2E+00	2.5E-06	6.1E-04	1.2E-08	4.7E-02	5.5E-01	3.2E-10
1.3E+01	8.0E-07	6.1E-04	6.4E-09	4.7E-02	5.5E-01	1.7E-10	7.2E+00	2.5E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-01	2.8E-10
1.2E+01	8.0E-07	6.1E-04	5.8E-09	4.7E-02	5.5E-01	1.5E-10	7.1E+00	2.5E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-01	2.8E-10
1.1E+01	8.0E-07	6.1E-04	5.4E-09	4.7E-02	5.5E-01	1.4E-10	6.2E+00	2.5E-06	6.1E-04	9.5E-09	4.7E-02	5.5E-01	2.4E-10
1.0E+01	8.0E-07	6.1E-04	4.9E-09	4.7E-02	5.5E-01	1.3E-10	6.2E+00	2.5E-06	6.1E-04	9.4E-09	4.7E-02	5.5E-01	2.4E-10
9.5E+00	8.0E-07	6.1E-04	4.6E-09	4.7E-02	5.5E-01	1.2E-10	5.4E+00	2.5E-06	6.1E-04	8.3E-09	4.7E-02	5.5E-01	2.1E-10
8.8E+00	8.0E-07	6.1E-04	4.3E-09	4.7E-02	5.5E-01	1.1E-10	5.4E+00	2.5E-06	6.1E-04	8.2E-09	4.7E-02	5.5E-01	2.1E-10
8.2E+00	8.0E-07	6.1E-04	3.9E-09	4.7E-02	5.5E-01	1.0E-10	4.8E+00	2.5E-06	6.1E-04	7.3E-09	4.7E-02	5.5E-01	1.9E-10
7.7E+00	8.0E-07	6.1E-04	3.7E-09	4.7E-02	5.5E-01	9.6E-11	4.8E+00	2.5E-06	6.1E-04	7.3E-09	4.7E-02	5.5E-01	1.9E-10
7.1E+00	8.0E-07	6.1E-04	3.4E-09	4.7E-02	5.5E-01	8.8E-11	4.3E+00	2.5E-06	6.1E-04	6.5E-09	4.7E-02	5.5E-01	1.7E-10
6.7E+00	8.0E-07	6.1E-04	3.2E-09	4.7E-02	5.5E-01	8.3E-11	4.3E+00	2.5E-06	6.1E-04	6.5E-09	4.7E-02	5.5E-01	1.7E-10
3.2E+01	8.0E-07	6.1E-04	1.5E-08	4.7E-02	5.5E-01	4.0E-10	1.8E+01	2.5E-06	6.1E-04	2.7E-08	4.7E-02	5.5E-01	7.1E-10
6.9E+01	8.0E-07	6.1E-04	3.3E-08	4.7E-02	5.5E-01	8.6E-10	1.8E+01	2.5E-06	6.1E-04	2.8E-08	4.7E-02	5.5E-01	7.2E-10
4.7E+01	8.0E-07	6.1E-04	2.3E-08	4.7E-02	5.5E-01	5.8E-10	1.8E+01	2.5E-06	6.1E-04	2.8E-08	4.7E-02	5.5E-01	7.2E-10
2.2E+01	8.0E-07	6.1E-04	1.0E-08	4.7E-02	5.5E-01	2.7E-10	1.4E+01	2.5E-06	6.1E-04	2.1E-08	4.7E-02	5.5E-01	5.5E-10
5.0E+01	8.0E-07	6.1E-04	2.4E-08	4.7E-02	5.5E-01	6.3E-10	1.4E+01	2.5E-06	6.1E-04	2.2E-08	4.7E-02	5.5E-01	5.7E-10
3.7E+01	8.0E-07	6.1E-04	1.8E-08	4.7E-02	5.5E-01	4.6E-10	1.4E+01	2.5E-06	6.1E-04	2.2E-08	4.7E-02	5.5E-01	5.7E-10
4.4E+01	8.0E-07	6.1E-04	2.1E-08	4.7E-02	5.5E-01	5.5E-10	1.1E+01	2.5E-06	6.1E-04	1.7E-08	4.7E-02	5.5E-01	4.5E-10
3.6E+01	8.0E-07	6.1E-04	1.7E-08	4.7E-02	5.5E-01	4.4E-10	1.2E+01	2.5E-06	6.1E-04	1.8E-08	4.7E-02	5.5E-01	4.6E-10
2.9E+01	8.0E-07	6.1E-04	1.4E-08	4.7E-02	5.5E-01	3.6E-10	1.2E+01	2.5E-06	6.1E-04	1.8E-08	4.7E-02	5.5E-01	4.6E-10
3.0E+01	8.0E-07	6.1E-04	1.4E-08	4.7E-02	5.5E-01	3.7E-10	9.4E+00	2.5E-06	6.1E-04	1.4E-08	4.7E-02	5.5E-01	3.7E-10
2.6E+01	8.0E-07	6.1E-04	1.3E-08	4.7E-02	5.5E-01	3.2E-10	9.7E+00	2.5E-06	6.1E-04	1.5E-08	4.7E-02	5.5E-01	3.8E-10
2.2E+01	8.0E-07	6.1E-04	1.1E-08	4.7E-02	5.5E-01	2.8E-10	9.7E+00	2.5E-06	6.1E-04	1.5E-08	4.7E-02	5.5E-01	3.8E-10
2.2E+01	8.0E-07	6.1E-04	1.0E-08	4.7E-02	5.5E-01	2.7E-10	7.9E+00	2.5E-06	6.1E-04	1.2E-08	4.7E-02	5.5E-01	3.1E-10
2.0E+01	8.0E-07	6.1E-04	9.5E-09	4.7E-02	5.5E-01	2.5E-10	8.1E+00	2.5E-06	6.1E-04	1.2E-08	4.7E-02	5.5E-01	3.2E-10
1.8E+01	8.0E-07	6.1E-04	8.5E-09	4.7E-02	5.5E-01	2.2E-10	8.2E+00	2.5E-06	6.1E-04	1.2E-08	4.7E-02	5.5E-01	3.2E-10
1.7E+01	8.0E-07	6.1E-04	8.3E-09	4.7E-02	5.5E-01	2.2E-10	7.0E+00	2.5E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-01	2.7E-10
1.6E+01	8.0E-07	6.1E-04	7.8E-09	4.7E-02	5.5E-01	2.0E-10	7.1E+00	2.5E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-01	2.8E-10
1.5E+01	8.0E-07	6.1E-04	7.2E-09	4.7E-02	5.5E-01	1.9E-10	7.2E+00	2.5E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-01	2.8E-10
1.4E+01	8.0E-07	6.1E-04	6.6E-09	4.7E-02	5.5E-01	1.7E-10	6.0E+00	2.5E-06	6.1E-04	9.1E-09	4.7E-02	5.5E-01	2.4E-10
1.3E+01	8.0E-07	6.1E-04	6.3E-09	4.7E-02	5.5E-01	1.6E-10	6.1E+00	2.5E-06	6.1E-04	9.3E-09	4.7E-02	5.5E-01	2.4E-10
1.2E+01	8.0E-07	6.1E-04	5.9E-09	4.7E-02	5.5E-01	1.5E-10	6.2E+00	2.5E-06	6.1E-04	9.5E-09	4.7E-02	5.5E-01	2.4E-10
1.1E+01	8.0E-07	6.1E-04	5.3E-09	4.7E-02	5.5E-01	1.4E-10	5.2E+00	2.5E-06	6.1E-04	7.9E-09	4.7E-02	5.5E-01	2.1E-10
1.1E+01	8.0E-07	6.1E-04	5.2E-09	4.7E-02	5.5E-01	1.3E-10	5.4E+00	2.5E-06	6.1E-04	8.1E-09	4.7E-02	5.5E-01	2.1E-10
1.0E+01	8.0E-07	6.1E-04	4.9E-09	4.7E-02	5.5E-01	1.3E-10	5.4E+00	2.5E-06	6.1E-04	8.3E-09	4.7E-02	5.5E-01	2.1E-10
9.1E+00	8.0E-07	6.1E-04	4.4E-09	4.7E-02	5.5E-01	1.1E-10	4.6E+00	2.5E-06	6.1E-04	7.0E-09	4.7E-02	5.5E-01	1.8E-10

8.9E+00	8.0E-07	6.1E-04	4.3E-09	4.7E-02	5.5E-01	1.1E-10	4.7E+00	2.5E-06	6.1E-04	7.2E-09	4.7E-02	5.5E-01	1.8E-10
8.6E+00	8.0E-07	6.1E-04	4.1E-09	4.7E-02	5.5E-01	1.1E-10	4.8E+00	2.5E-06	6.1E-04	7.3E-09	4.7E-02	5.5E-01	1.9E-10
7.7E+00	8.0E-07	6.1E-04	3.7E-09	4.7E-02	5.5E-01	9.6E-11	4.1E+00	2.5E-06	6.1E-04	6.2E-09	4.7E-02	5.5E-01	1.6E-10
7.6E+00	8.0E-07	6.1E-04	3.7E-09	4.7E-02	5.5E-01	9.4E-11	4.2E+00	2.5E-06	6.1E-04	6.3E-09	4.7E-02	5.5E-01	1.6E-10
7.4E+00	8.0E-07	6.1E-04	3.5E-09	4.7E-02	5.5E-01	9.2E-11	4.2E+00	2.5E-06	6.1E-04	6.4E-09	4.7E-02	5.5E-01	1.7E-10
7.2E+00	8.0E-07	6.1E-04	3.5E-09	4.7E-02	5.5E-01	8.9E-11	3.9E+00	2.5E-06	6.1E-04	6.0E-09	4.7E-02	5.5E-01	1.5E-10
7.1E+00	8.0E-07	6.1E-04	3.4E-09	4.7E-02	5.5E-01	8.8E-11	4.0E+00	2.5E-06	6.1E-04	6.1E-09	4.7E-02	5.5E-01	1.6E-10
6.9E+00	8.0E-07	6.1E-04	3.3E-09	4.7E-02	5.5E-01	8.6E-11	4.1E+00	2.5E-06	6.1E-04	6.2E-09	4.7E-02	5.5E-01	1.6E-10
6.6E+00	8.0E-07	6.1E-04	3.2E-09	4.7E-02	5.5E-01	8.2E-11	4.1E+00	2.5E-06	6.1E-04	6.2E-09	4.7E-02	5.5E-01	1.6E-10
6.3E+00	8.0E-07	6.1E-04	3.0E-09	4.7E-02	5.5E-01	7.8E-11	4.1E+00	2.5E-06	6.1E-04	6.2E-09	4.7E-02	5.5E-01	1.6E-10
6.2E+00	8.0E-07	6.1E-04	3.0E-09	4.7E-02	5.5E-01	7.7E-11	3.5E+00	2.5E-06	6.1E-04	5.3E-09	4.7E-02	5.5E-01	1.4E-10
6.1E+00	8.0E-07	6.1E-04	2.9E-09	4.7E-02	5.5E-01	7.6E-11	3.6E+00	2.5E-06	6.1E-04	5.4E-09	4.7E-02	5.5E-01	1.4E-10
6.0E+00	8.0E-07	6.1E-04	2.9E-09	4.7E-02	5.5E-01	7.5E-11	3.6E+00	2.5E-06	6.1E-04	5.5E-09	4.7E-02	5.5E-01	1.4E-10
5.8E+00	8.0E-07	6.1E-04	2.8E-09	4.7E-02	5.5E-01	7.2E-11	3.7E+00	2.5E-06	6.1E-04	5.6E-09	4.7E-02	5.5E-01	1.4E-10
5.6E+00	8.0E-07	6.1E-04	2.7E-09	4.7E-02	5.5E-01	6.9E-11	3.7E+00	2.5E-06	6.1E-04	5.6E-09	4.7E-02	5.5E-01	1.4E-10
5.4E+00	8.0E-07	6.1E-04	2.6E-09	4.7E-02	5.5E-01	6.7E-11	3.2E+00	2.5E-06	6.1E-04	4.8E-09	4.7E-02	5.5E-01	1.2E-10
5.3E+00	8.0E-07	6.1E-04	2.6E-09	4.7E-02	5.5E-01	6.7E-11	3.2E+00	2.5E-06	6.1E-04	4.9E-09	4.7E-02	5.5E-01	1.3E-10
5.3E+00	8.0E-07	6.1E-04	2.5E-09	4.7E-02	5.5E-01	6.5E-11	3.3E+00	2.5E-06	6.1E-04	5.0E-09	4.7E-02	5.5E-01	1.3E-10
5.1E+00	8.0E-07	6.1E-04	2.5E-09	4.7E-02	5.5E-01	6.4E-11	3.3E+00	2.5E-06	6.1E-04	5.0E-09	4.7E-02	5.5E-01	1.3E-10
5.0E+00	8.0E-07	6.1E-04	2.4E-09	4.7E-02	5.5E-01	6.2E-11	3.3E+00	2.5E-06	6.1E-04	5.0E-09	4.7E-02	5.5E-01	1.3E-10
4.6E+01	8.0E-07	6.1E-04	2.2E-08	4.7E-02	5.5E-01	5.7E-10	1.9E+01	2.5E-06	6.1E-04	2.9E-08	4.7E-02	5.5E-01	7.5E-10
3.7E+01	8.0E-07	6.1E-04	1.8E-08	4.7E-02	5.5E-01	4.6E-10	1.5E+01	2.5E-06	6.1E-04	2.3E-08	4.7E-02	5.5E-01	5.9E-10
2.9E+01	8.0E-07	6.1E-04	1.4E-08	4.7E-02	5.5E-01	3.6E-10	1.5E+01	2.5E-06	6.1E-04	2.2E-08	4.7E-02	5.5E-01	5.7E-10
2.3E+01	8.0E-07	6.1E-04	1.1E-08	4.7E-02	5.5E-01	2.9E-10	1.4E+01	2.5E-06	6.1E-04	2.1E-08	4.7E-02	5.5E-01	5.4E-10
2.9E+01	8.0E-07	6.1E-04	1.4E-08	4.7E-02	5.5E-01	3.6E-10	1.2E+01	2.5E-06	6.1E-04	1.9E-08	4.7E-02	5.5E-01	4.8E-10
2.4E+01	8.0E-07	6.1E-04	1.1E-08	4.7E-02	5.5E-01	2.9E-10	1.2E+01	2.5E-06	6.1E-04	1.8E-08	4.7E-02	5.5E-01	4.7E-10
2.0E+01	8.0E-07	6.1E-04	9.4E-09	4.7E-02	5.5E-01	2.4E-10	1.1E+01	2.5E-06	6.1E-04	1.7E-08	4.7E-02	5.5E-01	4.5E-10

Franklin School Project

Risk From New Building Const - Unmitigated School

Haul Route 1A							Haul Route 2A						
Conc	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
9.9E+00	5.2E-06	6.1E-04	3.1E-08	4.7E-02	5.5E-01	8.0E-10	8.5E-01	5.5E-07	6.1E-04	2.8E-10	4.7E-02	5.5E-01	7.4E-12
9.6E+00	5.2E-06	6.1E-04	3.0E-08	4.7E-02	5.5E-01	7.8E-10	8.3E-01	5.5E-07	6.1E-04	2.8E-10	4.7E-02	5.5E-01	7.2E-12
8.4E+00	5.2E-06	6.1E-04	2.6E-08	4.7E-02	5.5E-01	6.8E-10	8.2E-01	5.5E-07	6.1E-04	2.7E-10	4.7E-02	5.5E-01	7.1E-12
8.2E+00	5.2E-06	6.1E-04	2.6E-08	4.7E-02	5.5E-01	6.6E-10	8.0E-01	5.5E-07	6.1E-04	2.7E-10	4.7E-02	5.5E-01	6.9E-12
7.2E+00	5.2E-06	6.1E-04	2.2E-08	4.7E-02	5.5E-01	5.8E-10	7.8E-01	5.5E-07	6.1E-04	2.6E-10	4.7E-02	5.5E-01	6.8E-12
7.1E+00	5.2E-06	6.1E-04	2.2E-08	4.7E-02	5.5E-01	5.7E-10	7.7E-01	5.5E-07	6.1E-04	2.6E-10	4.7E-02	5.5E-01	6.6E-12
6.2E+00	5.2E-06	6.1E-04	1.9E-08	4.7E-02	5.5E-01	5.0E-10	7.5E-01	5.5E-07	6.1E-04	2.5E-10	4.7E-02	5.5E-01	6.5E-12
6.2E+00	5.2E-06	6.1E-04	1.9E-08	4.7E-02	5.5E-01	5.0E-10	7.4E-01	5.5E-07	6.1E-04	2.5E-10	4.7E-02	5.5E-01	6.4E-12
5.4E+00	5.2E-06	6.1E-04	1.7E-08	4.7E-02	5.5E-01	4.4E-10	7.2E-01	5.5E-07	6.1E-04	2.4E-10	4.7E-02	5.5E-01	6.3E-12
5.4E+00	5.2E-06	6.1E-04	1.7E-08	4.7E-02	5.5E-01	4.4E-10	7.1E-01	5.5E-07	6.1E-04	2.4E-10	4.7E-02	5.5E-01	6.2E-12
4.8E+00	5.2E-06	6.1E-04	1.5E-08	4.7E-02	5.5E-01	3.9E-10	7.0E-01	5.5E-07	6.1E-04	2.3E-10	4.7E-02	5.5E-01	6.0E-12
4.8E+00	5.2E-06	6.1E-04	1.5E-08	4.7E-02	5.5E-01	3.9E-10	6.8E-01	5.5E-07	6.1E-04	2.3E-10	4.7E-02	5.5E-01	5.9E-12
4.3E+00	5.2E-06	6.1E-04	1.3E-08	4.7E-02	5.5E-01	3.4E-10	6.7E-01	5.5E-07	6.1E-04	2.3E-10	4.7E-02	5.5E-01	5.8E-12
4.3E+00	5.2E-06	6.1E-04	1.3E-08	4.7E-02	5.5E-01	3.4E-10	6.6E-01	5.5E-07	6.1E-04	2.2E-10	4.7E-02	5.5E-01	5.7E-12
1.8E+01	5.2E-06	6.1E-04	5.6E-08	4.7E-02	5.5E-01	1.5E-09	1.0E+00	5.5E-07	6.1E-04	3.4E-10	4.7E-02	5.5E-01	8.9E-12
1.8E+01	5.2E-06	6.1E-04	5.7E-08	4.7E-02	5.5E-01	1.5E-09	1.0E+00	5.5E-07	6.1E-04	3.4E-10	4.7E-02	5.5E-01	8.7E-12
1.8E+01	5.2E-06	6.1E-04	5.7E-08	4.7E-02	5.5E-01	1.5E-09	9.8E-01	5.5E-07	6.1E-04	3.3E-10	4.7E-02	5.5E-01	8.5E-12
1.4E+01	5.2E-06	6.1E-04	4.4E-08	4.7E-02	5.5E-01	1.1E-09	9.8E-01	5.5E-07	6.1E-04	3.3E-10	4.7E-02	5.5E-01	8.5E-12
1.4E+01	5.2E-06	6.1E-04	4.5E-08	4.7E-02	5.5E-01	1.2E-09	9.6E-01	5.5E-07	6.1E-04	3.2E-10	4.7E-02	5.5E-01	8.3E-12
1.4E+01	5.2E-06	6.1E-04	4.5E-08	4.7E-02	5.5E-01	1.2E-09	9.4E-01	5.5E-07	6.1E-04	3.1E-10	4.7E-02	5.5E-01	8.1E-12
1.1E+01	5.2E-06	6.1E-04	3.6E-08	4.7E-02	5.5E-01	9.2E-10	9.4E-01	5.5E-07	6.1E-04	3.1E-10	4.7E-02	5.5E-01	8.1E-12
1.2E+01	5.2E-06	6.1E-04	3.7E-08	4.7E-02	5.5E-01	9.4E-10	9.2E-01	5.5E-07	6.1E-04	3.1E-10	4.7E-02	5.5E-01	8.0E-12
1.2E+01	5.2E-06	6.1E-04	3.7E-08	4.7E-02	5.5E-01	9.5E-10	9.0E-01	5.5E-07	6.1E-04	3.0E-10	4.7E-02	5.5E-01	7.8E-12
9.4E+00	5.2E-06	6.1E-04	2.9E-08	4.7E-02	5.5E-01	7.6E-10	9.0E-01	5.5E-07	6.1E-04	3.0E-10	4.7E-02	5.5E-01	7.8E-12
9.7E+00	5.2E-06	6.1E-04	3.0E-08	4.7E-02	5.5E-01	7.8E-10	8.8E-01	5.5E-07	6.1E-04	2.9E-10	4.7E-02	5.5E-01	7.6E-12
9.7E+00	5.2E-06	6.1E-04	3.0E-08	4.7E-02	5.5E-01	7.8E-10	8.6E-01	5.5E-07	6.1E-04	2.9E-10	4.7E-02	5.5E-01	7.5E-12
7.9E+00	5.2E-06	6.1E-04	2.5E-08	4.7E-02	5.5E-01	6.4E-10	8.6E-01	5.5E-07	6.1E-04	2.9E-10	4.7E-02	5.5E-01	7.4E-12
8.1E+00	5.2E-06	6.1E-04	2.5E-08	4.7E-02	5.5E-01	6.5E-10	8.4E-01	5.5E-07	6.1E-04	2.8E-10	4.7E-02	5.5E-01	7.3E-12
8.2E+00	5.2E-06	6.1E-04	2.6E-08	4.7E-02	5.5E-01	6.6E-10	8.3E-01	5.5E-07	6.1E-04	2.8E-10	4.7E-02	5.5E-01	7.2E-12
7.0E+00	5.2E-06	6.1E-04	2.2E-08	4.7E-02	5.5E-01	5.6E-10	8.3E-01	5.5E-07	6.1E-04	2.8E-10	4.7E-02	5.5E-01	7.2E-12
7.1E+00	5.2E-06	6.1E-04	2.2E-08	4.7E-02	5.5E-01	5.7E-10	8.1E-01	5.5E-07	6.1E-04	2.7E-10	4.7E-02	5.5E-01	7.1E-12
7.2E+00	5.2E-06	6.1E-04	2.3E-08	4.7E-02	5.5E-01	5.8E-10	8.0E-01	5.5E-07	6.1E-04	2.7E-10	4.7E-02	5.5E-01	6.9E-12
6.0E+00	5.2E-06	6.1E-04	1.9E-08	4.7E-02	5.5E-01	4.8E-10	7.9E-01	5.5E-07	6.1E-04	2.7E-10	4.7E-02	5.5E-01	6.9E-12
6.1E+00	5.2E-06	6.1E-04	1.9E-08	4.7E-02	5.5E-01	5.0E-10	7.8E-01	5.5E-07	6.1E-04	2.6E-10	4.7E-02	5.5E-01	6.8E-12
6.2E+00	5.2E-06	6.1E-04	1.9E-08	4.7E-02	5.5E-01	5.0E-10	7.7E-01	5.5E-07	6.1E-04	2.6E-10	4.7E-02	5.5E-01	6.7E-12
5.2E+00	5.2E-06	6.1E-04	1.6E-08	4.7E-02	5.5E-01	4.2E-10	7.6E-01	5.5E-07	6.1E-04	2.6E-10	4.7E-02	5.5E-01	6.6E-12
5.4E+00	5.2E-06	6.1E-04	1.7E-08	4.7E-02	5.5E-01	4.3E-10	7.5E-01	5.5E-07	6.1E-04	2.5E-10	4.7E-02	5.5E-01	6.5E-12
5.4E+00	5.2E-06	6.1E-04	1.7E-08	4.7E-02	5.5E-01	4.4E-10	7.4E-01	5.5E-07	6.1E-04	2.5E-10	4.7E-02	5.5E-01	6.4E-12
4.6E+00	5.2E-06	6.1E-04	1.4E-08	4.7E-02	5.5E-01	3.7E-10	7.3E-01	5.5E-07	6.1E-04	2.5E-10	4.7E-02	5.5E-01	6.3E-12

4.7E+00	5.2E-06	6.1E-04	1.5E-08	4.7E-02	5.5E-01	3.8E-10	7.2E-01	5.5E-07	6.1E-04	2.4E-10	4.7E-02	5.5E-01	6.3E-12
4.8E+00	5.2E-06	6.1E-04	1.5E-08	4.7E-02	5.5E-01	3.9E-10	7.1E-01	5.5E-07	6.1E-04	2.4E-10	4.7E-02	5.5E-01	6.2E-12
4.1E+00	5.2E-06	6.1E-04	1.3E-08	4.7E-02	5.5E-01	3.3E-10	7.0E-01	5.5E-07	6.1E-04	2.4E-10	4.7E-02	5.5E-01	6.1E-12
4.2E+00	5.2E-06	6.1E-04	1.3E-08	4.7E-02	5.5E-01	3.4E-10	6.9E-01	5.5E-07	6.1E-04	2.3E-10	4.7E-02	5.5E-01	6.0E-12
4.2E+00	5.2E-06	6.1E-04	1.3E-08	4.7E-02	5.5E-01	3.4E-10	6.8E-01	5.5E-07	6.1E-04	2.3E-10	4.7E-02	5.5E-01	5.9E-12
3.9E+00	5.2E-06	6.1E-04	1.2E-08	4.7E-02	5.5E-01	3.2E-10	6.9E-01	5.5E-07	6.1E-04	2.3E-10	4.7E-02	5.5E-01	6.0E-12
4.0E+00	5.2E-06	6.1E-04	1.2E-08	4.7E-02	5.5E-01	3.2E-10	6.8E-01	5.5E-07	6.1E-04	2.3E-10	4.7E-02	5.5E-01	5.9E-12
4.1E+00	5.2E-06	6.1E-04	1.3E-08	4.7E-02	5.5E-01	3.3E-10	6.7E-01	5.5E-07	6.1E-04	2.2E-10	4.7E-02	5.5E-01	5.8E-12
4.1E+00	5.2E-06	6.1E-04	1.3E-08	4.7E-02	5.5E-01	3.3E-10	6.6E-01	5.5E-07	6.1E-04	2.2E-10	4.7E-02	5.5E-01	5.7E-12
4.1E+00	5.2E-06	6.1E-04	1.3E-08	4.7E-02	5.5E-01	3.3E-10	6.5E-01	5.5E-07	6.1E-04	2.2E-10	4.7E-02	5.5E-01	5.6E-12
3.5E+00	5.2E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-01	2.8E-10	6.6E-01	5.5E-07	6.1E-04	2.2E-10	4.7E-02	5.5E-01	5.8E-12
3.6E+00	5.2E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-01	2.9E-10	6.5E-01	5.5E-07	6.1E-04	2.2E-10	4.7E-02	5.5E-01	5.7E-12
3.6E+00	5.2E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-01	2.9E-10	6.5E-01	5.5E-07	6.1E-04	2.2E-10	4.7E-02	5.5E-01	5.6E-12
3.7E+00	5.2E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-01	2.9E-10	6.4E-01	5.5E-07	6.1E-04	2.1E-10	4.7E-02	5.5E-01	5.5E-12
3.7E+00	5.2E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-01	2.9E-10	6.2E-01	5.5E-07	6.1E-04	2.1E-10	4.7E-02	5.5E-01	5.4E-12
3.2E+00	5.2E-06	6.1E-04	9.9E-09	4.7E-02	5.5E-01	2.5E-10	6.4E-01	5.5E-07	6.1E-04	2.1E-10	4.7E-02	5.5E-01	5.5E-12
3.2E+00	5.2E-06	6.1E-04	1.0E-08	4.7E-02	5.5E-01	2.6E-10	6.3E-01	5.5E-07	6.1E-04	2.1E-10	4.7E-02	5.5E-01	5.5E-12
3.3E+00	5.2E-06	6.1E-04	1.0E-08	4.7E-02	5.5E-01	2.6E-10	6.2E-01	5.5E-07	6.1E-04	2.1E-10	4.7E-02	5.5E-01	5.4E-12
3.3E+00	5.2E-06	6.1E-04	1.0E-08	4.7E-02	5.5E-01	2.7E-10	6.1E-01	5.5E-07	6.1E-04	2.1E-10	4.7E-02	5.5E-01	5.3E-12
3.3E+00	5.2E-06	6.1E-04	1.0E-08	4.7E-02	5.5E-01	2.7E-10	6.0E-01	5.5E-07	6.1E-04	2.0E-10	4.7E-02	5.5E-01	5.2E-12
1.9E+01	5.2E-06	6.1E-04	6.0E-08	4.7E-02	5.5E-01	1.5E-09	9.9E-01	5.5E-07	6.1E-04	3.3E-10	4.7E-02	5.5E-01	8.5E-12
1.5E+01	5.2E-06	6.1E-04	4.7E-08	4.7E-02	5.5E-01	1.2E-09	9.4E-01	5.5E-07	6.1E-04	3.2E-10	4.7E-02	5.5E-01	8.2E-12
1.5E+01	5.2E-06	6.1E-04	4.6E-08	4.7E-02	5.5E-01	1.2E-09	9.2E-01	5.5E-07	6.1E-04	3.1E-10	4.7E-02	5.5E-01	8.0E-12
1.4E+01	5.2E-06	6.1E-04	4.3E-08	4.7E-02	5.5E-01	1.1E-09	9.0E-01	5.5E-07	6.1E-04	3.0E-10	4.7E-02	5.5E-01	7.8E-12
1.2E+01	5.2E-06	6.1E-04	3.8E-08	4.7E-02	5.5E-01	9.8E-10	9.0E-01	5.5E-07	6.1E-04	3.0E-10	4.7E-02	5.5E-01	7.8E-12
1.2E+01	5.2E-06	6.1E-04	3.7E-08	4.7E-02	5.5E-01	9.6E-10	8.8E-01	5.5E-07	6.1E-04	3.0E-10	4.7E-02	5.5E-01	7.7E-12
1.1E+01	5.2E-06	6.1E-04	3.6E-08	4.7E-02	5.5E-01	9.2E-10	8.6E-01	5.5E-07	6.1E-04	2.9E-10	4.7E-02	5.5E-01	7.5E-12

Risk From New Building AC - Unmitigated School

Franklin School Project

Risk From New Building AC - Unmitigated School

	0.05	Max					Onsite		
816	0.02	2.3E-08	2.9E+01	9.9E-04	6.1E-04	1.8E-05	4.7E-02	2.7E-02	2.3E-08
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
807	0.01	6.6E-09	8.6E+00	9.9E-04	6.1E-04	5.1E-06	4.7E-02	2.7E-02	6.6E-09
808	0.01	7.7E-09	9.9E+00	9.9E-04	6.1E-04	5.9E-06	4.7E-02	2.7E-02	7.7E-09
809	0.01	8.2E-09	1.1E+01	9.9E-04	6.1E-04	6.3E-06	4.7E-02	2.7E-02	8.2E-09
810	0.01	9.6E-09	1.2E+01	9.9E-04	6.1E-04	7.5E-06	4.7E-02	2.7E-02	9.6E-09
811	0.01	1.0E-08	1.3E+01	9.9E-04	6.1E-04	7.9E-06	4.7E-02	2.7E-02	1.0E-08
812	0.01	1.2E-08	1.6E+01	9.9E-04	6.1E-04	9.6E-06	4.7E-02	2.7E-02	1.2E-08
813	0.01	1.3E-08	1.7E+01	9.9E-04	6.1E-04	1.0E-05	4.7E-02	2.7E-02	1.3E-08
814	0.02	1.6E-08	2.1E+01	9.9E-04	6.1E-04	1.3E-05	4.7E-02	2.7E-02	1.6E-08
815	0.02	1.7E-08	2.1E+01	9.9E-04	6.1E-04	1.3E-05	4.7E-02	2.7E-02	1.7E-08
817	0.02	2.1E-08	2.8E+01	9.9E-04	6.1E-04	1.7E-05	4.7E-02	2.7E-02	2.1E-08
818	0.03	3.2E-08	4.1E+01	9.9E-04	6.1E-04	2.4E-05	4.7E-02	2.7E-02	3.2E-08
819	0.03	2.6E-08	3.4E+01	9.9E-04	6.1E-04	2.0E-05	4.7E-02	2.7E-02	2.6E-08
820	0.04	4.4E-08	5.7E+01	9.9E-04	6.1E-04	3.4E-05	4.7E-02	2.7E-02	4.4E-08
821	0.00	3.0E-09	3.9E+00	9.9E-04	6.1E-04	2.3E-06	4.7E-02	2.7E-02	3.0E-09
822	0.00	3.3E-09	4.3E+00	9.9E-04	6.1E-04	2.6E-06	4.7E-02	2.7E-02	3.3E-09
823	0.00	3.6E-09	4.7E+00	9.9E-04	6.1E-04	2.8E-06	4.7E-02	2.7E-02	3.6E-09
824	0.00	3.4E-09	4.4E+00	9.9E-04	6.1E-04	2.6E-06	4.7E-02	2.7E-02	3.4E-09
825	0.00	3.8E-09	4.9E+00	9.9E-04	6.1E-04	2.9E-06	4.7E-02	2.7E-02	3.8E-09
826	0.00	4.2E-09	5.5E+00	9.9E-04	6.1E-04	3.3E-06	4.7E-02	2.7E-02	4.2E-09
827	0.00	3.8E-09	5.0E+00	9.9E-04	6.1E-04	3.0E-06	4.7E-02	2.7E-02	3.8E-09
828	0.00	4.4E-09	5.7E+00	9.9E-04	6.1E-04	3.4E-06	4.7E-02	2.7E-02	4.4E-09
829	0.00	5.0E-09	6.4E+00	9.9E-04	6.1E-04	3.8E-06	4.7E-02	2.7E-02	5.0E-09
830	0.00	4.4E-09	5.6E+00	9.9E-04	6.1E-04	3.4E-06	4.7E-02	2.7E-02	4.4E-09
831	0.01	5.0E-09	6.5E+00	9.9E-04	6.1E-04	3.9E-06	4.7E-02	2.7E-02	5.0E-09
832	0.01	5.9E-09	7.6E+00	9.9E-04	6.1E-04	4.6E-06	4.7E-02	2.7E-02	5.9E-09
833	0.00	5.0E-09	6.4E+00	9.9E-04	6.1E-04	3.8E-06	4.7E-02	2.7E-02	5.0E-09
834	0.01	5.8E-09	7.6E+00	9.9E-04	6.1E-04	4.5E-06	4.7E-02	2.7E-02	5.8E-09
835	0.01	7.0E-09	9.1E+00	9.9E-04	6.1E-04	5.4E-06	4.7E-02	2.7E-02	7.0E-09
836	0.01	5.5E-09	7.1E+00	9.9E-04	6.1E-04	4.3E-06	4.7E-02	2.7E-02	5.5E-09
837	0.01	6.6E-09	8.5E+00	9.9E-04	6.1E-04	5.1E-06	4.7E-02	2.7E-02	6.6E-09
838	0.01	8.1E-09	1.1E+01	9.9E-04	6.1E-04	6.3E-06	4.7E-02	2.7E-02	8.1E-09
839	0.01	6.2E-09	8.1E+00	9.9E-04	6.1E-04	4.8E-06	4.7E-02	2.7E-02	6.2E-09
840	0.01	7.7E-09	9.9E+00	9.9E-04	6.1E-04	5.9E-06	4.7E-02	2.7E-02	7.7E-09
841	0.01	9.8E-09	1.3E+01	9.9E-04	6.1E-04	7.6E-06	4.7E-02	2.7E-02	9.8E-09
842	0.01	7.0E-09	9.1E+00	9.9E-04	6.1E-04	5.4E-06	4.7E-02	2.7E-02	7.0E-09
843	0.01	8.9E-09	1.2E+01	9.9E-04	6.1E-04	6.9E-06	4.7E-02	2.7E-02	8.9E-09
844	0.01	1.2E-08	1.5E+01	9.9E-04	6.1E-04	9.2E-06	4.7E-02	2.7E-02	1.2E-08
845	0.01	7.7E-09	9.9E+00	9.9E-04	6.1E-04	5.9E-06	4.7E-02	2.7E-02	7.7E-09

846	0.01	1.0E-08	1.3E+01	9.9E-04	6.1E-04	7.9E-06	4.7E-02	2.7E-02	1.0E-08
847	0.01	1.4E-08	1.8E+01	9.9E-04	6.1E-04	1.1E-05	4.7E-02	2.7E-02	1.4E-08
848	0.01	8.2E-09	1.1E+01	9.9E-04	6.1E-04	6.4E-06	4.7E-02	2.7E-02	8.2E-09
849	0.01	1.1E-08	1.4E+01	9.9E-04	6.1E-04	8.6E-06	4.7E-02	2.7E-02	1.1E-08
850	0.02	1.6E-08	2.1E+01	9.9E-04	6.1E-04	1.3E-05	4.7E-02	2.7E-02	1.6E-08
851	0.01	9.1E-09	1.2E+01	9.9E-04	6.1E-04	7.1E-06	4.7E-02	2.7E-02	9.1E-09
852	0.01	1.3E-08	1.7E+01	9.9E-04	6.1E-04	9.9E-06	4.7E-02	2.7E-02	1.3E-08
853	0.02	1.9E-08	2.5E+01	9.9E-04	6.1E-04	1.5E-05	4.7E-02	2.7E-02	1.9E-08
854	0.03	3.1E-08	4.0E+01	9.9E-04	6.1E-04	2.4E-05	4.7E-02	2.7E-02	3.1E-08
855	0.04	4.4E-08	5.6E+01	9.9E-04	6.1E-04	3.4E-05	4.7E-02	2.7E-02	4.4E-08
856	0.01	9.4E-09	1.2E+01	9.9E-04	6.1E-04	7.3E-06	4.7E-02	2.7E-02	9.4E-09
857	0.01	1.3E-08	1.7E+01	9.9E-04	6.1E-04	1.0E-05	4.7E-02	2.7E-02	1.3E-08
858	0.02	2.1E-08	2.7E+01	9.9E-04	6.1E-04	1.6E-05	4.7E-02	2.7E-02	2.1E-08
859	0.03	3.4E-08	4.4E+01	9.9E-04	6.1E-04	2.6E-05	4.7E-02	2.7E-02	3.4E-08
860	0.05	4.9E-08	6.4E+01	9.9E-04	6.1E-04	3.8E-05	4.7E-02	2.7E-02	4.9E-08
861	0.01	9.4E-09	1.2E+01	9.9E-04	6.1E-04	7.3E-06	4.7E-02	2.7E-02	9.4E-09
862	0.01	1.3E-08	1.7E+01	9.9E-04	6.1E-04	1.0E-05	4.7E-02	2.7E-02	1.3E-08
863	0.02	2.0E-08	2.6E+01	9.9E-04	6.1E-04	1.5E-05	4.7E-02	2.7E-02	2.0E-08
864	0.03	3.2E-08	4.2E+01	9.9E-04	6.1E-04	2.5E-05	4.7E-02	2.7E-02	3.2E-08
865	0.05	5.5E-08	7.1E+01	9.9E-04	6.1E-04	4.3E-05	4.7E-02	2.7E-02	5.5E-08
866	0.00	3.6E-09	4.7E+00	9.9E-04	6.1E-04	2.8E-06	4.7E-02	2.7E-02	3.6E-09
867	0.00	4.2E-09	5.4E+00	9.9E-04	6.1E-04	3.2E-06	4.7E-02	2.7E-02	4.2E-09
868	0.00	4.7E-09	6.1E+00	9.9E-04	6.1E-04	3.6E-06	4.7E-02	2.7E-02	4.7E-09
869	0.01	5.2E-09	6.7E+00	9.9E-04	6.1E-04	4.0E-06	4.7E-02	2.7E-02	5.2E-09
870	0.00	4.9E-09	6.4E+00	9.9E-04	6.1E-04	3.8E-06	4.7E-02	2.7E-02	4.9E-09
871	0.01	5.6E-09	7.2E+00	9.9E-04	6.1E-04	4.3E-06	4.7E-02	2.7E-02	5.6E-09
872	0.01	6.3E-09	8.2E+00	9.9E-04	6.1E-04	4.9E-06	4.7E-02	2.7E-02	6.3E-09

Risk From New Building Pav - Unmitigated School

Franklin School Project

Risk From New Building Pav - Unmitigated School

0.19	Max

Onsite

Receptor #	Total/ Million	Total	Conc	g/sec	D1	Dose	R1	ED	Risk
807	0.14	1.4E-07	4.1E+01	4.4E-03	6.1E-04	1.1E-04	4.7E-02	2.7E-02	1.4E-07
808	0.16	1.6E-07	4.7E+01	4.4E-03	6.1E-04	1.2E-04	4.7E-02	2.7E-02	1.6E-07
809	0.12	1.2E-07	3.4E+01	4.4E-03	6.1E-04	9.1E-05	4.7E-02	2.7E-02	1.2E-07
810	0.16	1.6E-07	4.6E+01	4.4E-03	6.1E-04	1.2E-04	4.7E-02	2.7E-02	1.6E-07
811	0.14	1.4E-07	4.2E+01	4.4E-03	6.1E-04	1.1E-04	4.7E-02	2.7E-02	1.4E-07
812	0.19	1.9E-07	5.6E+01	4.4E-03	6.1E-04	1.5E-04	4.7E-02	2.7E-02	1.9E-07
813	0.15	1.5E-07	4.4E+01	4.4E-03	6.1E-04	1.2E-04	4.7E-02	2.7E-02	1.5E-07
814	0.19	1.9E-07	5.4E+01	4.4E-03	6.1E-04	1.4E-04	4.7E-02	2.7E-02	1.9E-07
815	0.15	1.5E-07	4.3E+01	4.4E-03	6.1E-04	1.1E-04	4.7E-02	2.7E-02	1.5E-07
816	0.18	1.8E-07	5.4E+01	4.4E-03	6.1E-04	1.4E-04	4.7E-02	2.7E-02	1.8E-07
817	0.13	1.3E-07	3.9E+01	4.4E-03	6.1E-04	1.0E-04	4.7E-02	2.7E-02	1.3E-07
818	0.18	1.8E-07	5.4E+01	4.4E-03	6.1E-04	1.4E-04	4.7E-02	2.7E-02	1.8E-07
819	0.13	1.3E-07	3.7E+01	4.4E-03	6.1E-04	9.8E-05	4.7E-02	2.7E-02	1.3E-07
820	0.17	1.7E-07	4.9E+01	4.4E-03	6.1E-04	1.3E-04	4.7E-02	2.7E-02	1.7E-07
821	0.04	3.7E-08	1.1E+01	4.4E-03	6.1E-04	2.9E-05	4.7E-02	2.7E-02	3.7E-08
822	0.05	4.7E-08	1.4E+01	4.4E-03	6.1E-04	3.6E-05	4.7E-02	2.7E-02	4.7E-08
823	0.06	6.1E-08	1.8E+01	4.4E-03	6.1E-04	4.7E-05	4.7E-02	2.7E-02	6.1E-08
824	0.04	4.4E-08	1.3E+01	4.4E-03	6.1E-04	3.4E-05	4.7E-02	2.7E-02	4.4E-08
825	0.06	5.9E-08	1.7E+01	4.4E-03	6.1E-04	4.6E-05	4.7E-02	2.7E-02	5.9E-08
826	0.08	8.2E-08	2.4E+01	4.4E-03	6.1E-04	6.3E-05	4.7E-02	2.7E-02	8.2E-08
827	0.05	5.3E-08	1.6E+01	4.4E-03	6.1E-04	4.1E-05	4.7E-02	2.7E-02	5.3E-08
828	0.08	7.7E-08	2.3E+01	4.4E-03	6.1E-04	6.0E-05	4.7E-02	2.7E-02	7.7E-08
829	0.09	9.1E-08	2.7E+01	4.4E-03	6.1E-04	7.0E-05	4.7E-02	2.7E-02	9.1E-08
830	0.06	6.1E-08	1.8E+01	4.4E-03	6.1E-04	4.7E-05	4.7E-02	2.7E-02	6.1E-08
831	0.09	9.4E-08	2.7E+01	4.4E-03	6.1E-04	7.2E-05	4.7E-02	2.7E-02	9.4E-08
832	0.10	9.6E-08	2.8E+01	4.4E-03	6.1E-04	7.4E-05	4.7E-02	2.7E-02	9.6E-08
833	0.07	6.6E-08	2.0E+01	4.4E-03	6.1E-04	5.1E-05	4.7E-02	2.7E-02	6.6E-08
834	0.10	1.0E-07	3.0E+01	4.4E-03	6.1E-04	7.9E-05	4.7E-02	2.7E-02	1.0E-07
835	0.09	9.3E-08	2.7E+01	4.4E-03	6.1E-04	7.2E-05	4.7E-02	2.7E-02	9.3E-08
836	0.07	6.9E-08	2.0E+01	4.4E-03	6.1E-04	5.3E-05	4.7E-02	2.7E-02	6.9E-08
837	0.10	1.0E-07	3.0E+01	4.4E-03	6.1E-04	7.9E-05	4.7E-02	2.7E-02	1.0E-07
838	0.11	1.1E-07	3.3E+01	4.4E-03	6.1E-04	8.8E-05	4.7E-02	2.7E-02	1.1E-07
839	0.07	7.0E-08	2.1E+01	4.4E-03	6.1E-04	5.5E-05	4.7E-02	2.7E-02	7.0E-08
840	0.10	1.0E-07	3.1E+01	4.4E-03	6.1E-04	8.1E-05	4.7E-02	2.7E-02	1.0E-07
841	0.12	1.2E-07	3.5E+01	4.4E-03	6.1E-04	9.2E-05	4.7E-02	2.7E-02	1.2E-07
842	0.07	7.1E-08	2.1E+01	4.4E-03	6.1E-04	5.5E-05	4.7E-02	2.7E-02	7.1E-08
843	0.09	9.1E-08	2.7E+01	4.4E-03	6.1E-04	7.0E-05	4.7E-02	2.7E-02	9.1E-08
844	0.12	1.2E-07	3.4E+01	4.4E-03	6.1E-04	9.0E-05	4.7E-02	2.7E-02	1.2E-07
845	0.07	6.7E-08	2.0E+01	4.4E-03	6.1E-04	5.2E-05	4.7E-02	2.7E-02	6.7E-08

846	0.10	1.0E-07	3.1E+01	4.4E-03	6.1E-04	8.1E-05	4.7E-02	2.7E-02	1.0E-07
847	0.11	1.1E-07	3.2E+01	4.4E-03	6.1E-04	8.3E-05	4.7E-02	2.7E-02	1.1E-07
848	0.06	6.0E-08	1.8E+01	4.4E-03	6.1E-04	4.6E-05	4.7E-02	2.7E-02	6.0E-08
849	0.09	8.8E-08	2.6E+01	4.4E-03	6.1E-04	6.8E-05	4.7E-02	2.7E-02	8.8E-08
850	0.11	1.1E-07	3.1E+01	4.4E-03	6.1E-04	8.1E-05	4.7E-02	2.7E-02	1.1E-07
851	0.06	6.3E-08	1.9E+01	4.4E-03	6.1E-04	4.9E-05	4.7E-02	2.7E-02	6.3E-08
852	0.09	9.1E-08	2.7E+01	4.4E-03	6.1E-04	7.1E-05	4.7E-02	2.7E-02	9.1E-08
853	0.11	1.1E-07	3.1E+01	4.4E-03	6.1E-04	8.3E-05	4.7E-02	2.7E-02	1.1E-07
854	0.15	1.5E-07	4.3E+01	4.4E-03	6.1E-04	1.1E-04	4.7E-02	2.7E-02	1.5E-07
855	0.14	1.4E-07	4.0E+01	4.4E-03	6.1E-04	1.0E-04	4.7E-02	2.7E-02	1.4E-07
856	0.05	5.4E-08	1.6E+01	4.4E-03	6.1E-04	4.2E-05	4.7E-02	2.7E-02	5.4E-08
857	0.07	7.3E-08	2.1E+01	4.4E-03	6.1E-04	5.6E-05	4.7E-02	2.7E-02	7.3E-08
858	0.10	9.9E-08	2.9E+01	4.4E-03	6.1E-04	7.7E-05	4.7E-02	2.7E-02	9.9E-08
859	0.14	1.4E-07	4.0E+01	4.4E-03	6.1E-04	1.1E-04	4.7E-02	2.7E-02	1.4E-07
860	0.12	1.2E-07	3.7E+01	4.4E-03	6.1E-04	9.6E-05	4.7E-02	2.7E-02	1.2E-07
861	0.05	4.6E-08	1.4E+01	4.4E-03	6.1E-04	3.6E-05	4.7E-02	2.7E-02	4.6E-08
862	0.06	6.0E-08	1.8E+01	4.4E-03	6.1E-04	4.7E-05	4.7E-02	2.7E-02	6.0E-08
863	0.08	8.0E-08	2.4E+01	4.4E-03	6.1E-04	6.2E-05	4.7E-02	2.7E-02	8.0E-08
864	0.11	1.1E-07	3.3E+01	4.4E-03	6.1E-04	8.6E-05	4.7E-02	2.7E-02	1.1E-07
865	0.11	1.1E-07	3.2E+01	4.4E-03	6.1E-04	8.5E-05	4.7E-02	2.7E-02	1.1E-07
866	0.06	6.1E-08	1.8E+01	4.4E-03	6.1E-04	4.7E-05	4.7E-02	2.7E-02	6.1E-08
867	0.08	8.2E-08	2.4E+01	4.4E-03	6.1E-04	6.3E-05	4.7E-02	2.7E-02	8.2E-08
868	0.11	1.1E-07	3.3E+01	4.4E-03	6.1E-04	8.6E-05	4.7E-02	2.7E-02	1.1E-07
869	0.12	1.2E-07	3.7E+01	4.4E-03	6.1E-04	9.7E-05	4.7E-02	2.7E-02	1.2E-07
870	0.09	9.3E-08	2.7E+01	4.4E-03	6.1E-04	7.2E-05	4.7E-02	2.7E-02	9.3E-08
871	0.10	9.5E-08	2.8E+01	4.4E-03	6.1E-04	7.4E-05	4.7E-02	2.7E-02	9.5E-08
872	0.13	1.3E-07	3.9E+01	4.4E-03	6.1E-04	1.0E-04	4.7E-02	2.7E-02	1.3E-07

Risk From New Building Demo (Port. 2) - Unmitigated School

Franklin School Project

Risk From New Building Demo (Port. 2) - Unmitigated School

0.07	Max

			Onsite						
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
807	0.04	3.9E-08	2.9E+01	8.6E-03	6.1E-04	1.5E-04	4.7E-02	5.5E-03	3.9E-08
808	0.04	4.4E-08	3.3E+01	8.6E-03	6.1E-04	1.7E-04	4.7E-02	5.5E-03	4.4E-08
809	0.04	4.4E-08	3.2E+01	8.6E-03	6.1E-04	1.7E-04	4.7E-02	5.5E-03	4.4E-08
810	0.05	4.7E-08	3.5E+01	8.6E-03	6.1E-04	1.8E-04	4.7E-02	5.5E-03	4.7E-08
811	0.04	4.5E-08	3.3E+01	8.6E-03	6.1E-04	1.7E-04	4.7E-02	5.5E-03	4.5E-08
812	0.06	5.7E-08	4.2E+01	8.6E-03	6.1E-04	2.2E-04	4.7E-02	5.5E-03	5.7E-08
813	0.05	4.6E-08	3.4E+01	8.6E-03	6.1E-04	1.8E-04	4.7E-02	5.5E-03	4.6E-08
814	0.06	6.1E-08	4.6E+01	8.6E-03	6.1E-04	2.4E-04	4.7E-02	5.5E-03	6.1E-08
815	0.05	4.8E-08	3.6E+01	8.6E-03	6.1E-04	1.9E-04	4.7E-02	5.5E-03	4.8E-08
816	0.05	5.3E-08	4.0E+01	8.6E-03	6.1E-04	2.1E-04	4.7E-02	5.5E-03	5.3E-08
817	0.05	5.0E-08	3.7E+01	8.6E-03	6.1E-04	1.9E-04	4.7E-02	5.5E-03	5.0E-08
818	0.05	5.4E-08	4.0E+01	8.6E-03	6.1E-04	2.1E-04	4.7E-02	5.5E-03	5.4E-08
819	0.05	4.8E-08	3.6E+01	8.6E-03	6.1E-04	1.9E-04	4.7E-02	5.5E-03	4.8E-08
820	0.07	6.5E-08	4.8E+01	8.6E-03	6.1E-04	2.5E-04	4.7E-02	5.5E-03	6.5E-08
821	0.01	1.1E-08	7.9E+00	8.6E-03	6.1E-04	4.1E-05	4.7E-02	5.5E-03	1.1E-08
822	0.01	1.3E-08	9.7E+00	8.6E-03	6.1E-04	5.0E-05	4.7E-02	5.5E-03	1.3E-08
823	0.02	1.7E-08	1.3E+01	8.6E-03	6.1E-04	6.5E-05	4.7E-02	5.5E-03	1.7E-08
824	0.01	1.2E-08	8.7E+00	8.6E-03	6.1E-04	4.5E-05	4.7E-02	5.5E-03	1.2E-08
825	0.01	1.5E-08	1.1E+01	8.6E-03	6.1E-04	5.8E-05	4.7E-02	5.5E-03	1.5E-08
826	0.02	2.0E-08	1.5E+01	8.6E-03	6.1E-04	7.7E-05	4.7E-02	5.5E-03	2.0E-08
827	0.01	1.3E-08	9.6E+00	8.6E-03	6.1E-04	5.0E-05	4.7E-02	5.5E-03	1.3E-08
828	0.02	1.7E-08	1.3E+01	8.6E-03	6.1E-04	6.5E-05	4.7E-02	5.5E-03	1.7E-08
829	0.02	2.3E-08	1.7E+01	8.6E-03	6.1E-04	8.9E-05	4.7E-02	5.5E-03	2.3E-08
830	0.01	1.4E-08	1.0E+01	8.6E-03	6.1E-04	5.4E-05	4.7E-02	5.5E-03	1.4E-08
831	0.02	1.8E-08	1.4E+01	8.6E-03	6.1E-04	7.1E-05	4.7E-02	5.5E-03	1.8E-08
832	0.03	2.6E-08	1.9E+01	8.6E-03	6.1E-04	1.0E-04	4.7E-02	5.5E-03	2.6E-08
833	0.01	1.5E-08	1.1E+01	8.6E-03	6.1E-04	5.7E-05	4.7E-02	5.5E-03	1.5E-08
834	0.02	1.9E-08	1.5E+01	8.6E-03	6.1E-04	7.5E-05	4.7E-02	5.5E-03	1.9E-08
835	0.03	2.8E-08	2.1E+01	8.6E-03	6.1E-04	1.1E-04	4.7E-02	5.5E-03	2.8E-08
836	0.02	1.5E-08	1.1E+01	8.6E-03	6.1E-04	5.9E-05	4.7E-02	5.5E-03	1.5E-08
837	0.02	2.0E-08	1.5E+01	8.6E-03	6.1E-04	7.8E-05	4.7E-02	5.5E-03	2.0E-08
838	0.03	2.9E-08	2.1E+01	8.6E-03	6.1E-04	1.1E-04	4.7E-02	5.5E-03	2.9E-08
839	0.02	1.6E-08	1.2E+01	8.6E-03	6.1E-04	6.1E-05	4.7E-02	5.5E-03	1.6E-08
840	0.02	2.1E-08	1.6E+01	8.6E-03	6.1E-04	8.1E-05	4.7E-02	5.5E-03	2.1E-08
841	0.03	3.0E-08	2.2E+01	8.6E-03	6.1E-04	1.1E-04	4.7E-02	5.5E-03	3.0E-08
842	0.02	1.6E-08	1.2E+01	8.6E-03	6.1E-04	6.2E-05	4.7E-02	5.5E-03	1.6E-08
843	0.02	2.1E-08	1.6E+01	8.6E-03	6.1E-04	8.3E-05	4.7E-02	5.5E-03	2.1E-08
844	0.03	3.0E-08	2.3E+01	8.6E-03	6.1E-04	1.2E-04	4.7E-02	5.5E-03	3.0E-08
845	0.02	1.6E-08	1.2E+01	8.6E-03	6.1E-04	6.1E-05	4.7E-02	5.5E-03	1.6E-08

846	0.02	2.1E-08	1.6E+01	8.6E-03	6.1E-04	8.3E-05	4.7E-02	5.5E-03	2.1E-08
847	0.03	3.1E-08	2.3E+01	8.6E-03	6.1E-04	1.2E-04	4.7E-02	5.5E-03	3.1E-08
848	0.02	1.5E-08	1.1E+01	8.6E-03	6.1E-04	6.0E-05	4.7E-02	5.5E-03	1.5E-08
849	0.02	2.1E-08	1.6E+01	8.6E-03	6.1E-04	8.1E-05	4.7E-02	5.5E-03	2.1E-08
850	0.03	3.0E-08	2.3E+01	8.6E-03	6.1E-04	1.2E-04	4.7E-02	5.5E-03	3.0E-08
851	0.02	1.7E-08	1.2E+01	8.6E-03	6.1E-04	6.4E-05	4.7E-02	5.5E-03	1.7E-08
852	0.02	2.3E-08	1.7E+01	8.6E-03	6.1E-04	8.9E-05	4.7E-02	5.5E-03	2.3E-08
853	0.03	3.4E-08	2.5E+01	8.6E-03	6.1E-04	1.3E-04	4.7E-02	5.5E-03	3.4E-08
854	0.05	5.1E-08	3.8E+01	8.6E-03	6.1E-04	2.0E-04	4.7E-02	5.5E-03	5.1E-08
855	0.05	5.3E-08	3.9E+01	8.6E-03	6.1E-04	2.1E-04	4.7E-02	5.5E-03	5.3E-08
856	0.02	1.6E-08	1.2E+01	8.6E-03	6.1E-04	6.1E-05	4.7E-02	5.5E-03	1.6E-08
857	0.02	2.2E-08	1.6E+01	8.6E-03	6.1E-04	8.4E-05	4.7E-02	5.5E-03	2.2E-08
858	0.03	3.2E-08	2.4E+01	8.6E-03	6.1E-04	1.2E-04	4.7E-02	5.5E-03	3.2E-08
859	0.05	5.0E-08	3.7E+01	8.6E-03	6.1E-04	1.9E-04	4.7E-02	5.5E-03	5.0E-08
860	0.05	4.6E-08	3.5E+01	8.6E-03	6.1E-04	1.8E-04	4.7E-02	5.5E-03	4.6E-08
861	0.01	1.5E-08	1.1E+01	8.6E-03	6.1E-04	5.7E-05	4.7E-02	5.5E-03	1.5E-08
862	0.02	2.0E-08	1.5E+01	8.6E-03	6.1E-04	7.7E-05	4.7E-02	5.5E-03	2.0E-08
863	0.03	2.9E-08	2.1E+01	8.6E-03	6.1E-04	1.1E-04	4.7E-02	5.5E-03	2.9E-08
864	0.04	4.3E-08	3.2E+01	8.6E-03	6.1E-04	1.7E-04	4.7E-02	5.5E-03	4.3E-08
865	0.04	4.4E-08	3.3E+01	8.6E-03	6.1E-04	1.7E-04	4.7E-02	5.5E-03	4.4E-08
866	0.02	1.7E-08	1.3E+01	8.6E-03	6.1E-04	6.7E-05	4.7E-02	5.5E-03	1.7E-08
867	0.02	2.0E-08	1.5E+01	8.6E-03	6.1E-04	7.9E-05	4.7E-02	5.5E-03	2.0E-08
868	0.03	2.9E-08	2.1E+01	8.6E-03	6.1E-04	1.1E-04	4.7E-02	5.5E-03	2.9E-08
869	0.04	4.2E-08	3.2E+01	8.6E-03	6.1E-04	1.6E-04	4.7E-02	5.5E-03	4.2E-08
870	0.02	2.4E-08	1.8E+01	8.6E-03	6.1E-04	9.3E-05	4.7E-02	5.5E-03	2.4E-08
871	0.03	3.5E-08	2.6E+01	8.6E-03	6.1E-04	1.3E-04	4.7E-02	5.5E-03	3.5E-08
872	0.05	4.7E-08	3.5E+01	8.6E-03	6.1E-04	1.8E-04	4.7E-02	5.5E-03	4.7E-08

Franklin School Project

Risk From New Building Demo (Port. 2) - Unmitigated School

Haul Route 1A							Haul Route 2A						
Conc	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
2.0E+01	1.9E-07	6.1E-04	2.3E-09	4.7E-02	5.5E-03	5.8E-13	9.9E+00	6.0E-07	6.1E-04	3.6E-09	4.7E-02	5.5E-03	9.3E-13
1.7E+01	1.9E-07	6.1E-04	1.9E-09	4.7E-02	5.5E-03	5.0E-13	9.6E+00	6.0E-07	6.1E-04	3.5E-09	4.7E-02	5.5E-03	9.0E-13
1.6E+01	1.9E-07	6.1E-04	1.9E-09	4.7E-02	5.5E-03	4.8E-13	8.4E+00	6.0E-07	6.1E-04	3.0E-09	4.7E-02	5.5E-03	7.9E-13
1.4E+01	1.9E-07	6.1E-04	1.6E-09	4.7E-02	5.5E-03	4.2E-13	8.2E+00	6.0E-07	6.1E-04	3.0E-09	4.7E-02	5.5E-03	7.7E-13
1.3E+01	1.9E-07	6.1E-04	1.5E-09	4.7E-02	5.5E-03	4.0E-13	7.2E+00	6.0E-07	6.1E-04	2.6E-09	4.7E-02	5.5E-03	6.7E-13
1.2E+01	1.9E-07	6.1E-04	1.4E-09	4.7E-02	5.5E-03	3.6E-13	7.1E+00	6.0E-07	6.1E-04	2.6E-09	4.7E-02	5.5E-03	6.6E-13
1.1E+01	1.9E-07	6.1E-04	1.3E-09	4.7E-02	5.5E-03	3.3E-13	6.2E+00	6.0E-07	6.1E-04	2.3E-09	4.7E-02	5.5E-03	5.8E-13
1.0E+01	1.9E-07	6.1E-04	1.2E-09	4.7E-02	5.5E-03	3.1E-13	6.2E+00	6.0E-07	6.1E-04	2.2E-09	4.7E-02	5.5E-03	5.8E-13
9.5E+00	1.9E-07	6.1E-04	1.1E-09	4.7E-02	5.5E-03	2.8E-13	5.4E+00	6.0E-07	6.1E-04	2.0E-09	4.7E-02	5.5E-03	5.1E-13
8.8E+00	1.9E-07	6.1E-04	1.0E-09	4.7E-02	5.5E-03	2.6E-13	5.4E+00	6.0E-07	6.1E-04	2.0E-09	4.7E-02	5.5E-03	5.1E-13
8.2E+00	1.9E-07	6.1E-04	9.4E-10	4.7E-02	5.5E-03	2.4E-13	4.8E+00	6.0E-07	6.1E-04	1.7E-09	4.7E-02	5.5E-03	4.5E-13
7.7E+00	1.9E-07	6.1E-04	8.8E-10	4.7E-02	5.5E-03	2.3E-13	4.8E+00	6.0E-07	6.1E-04	1.7E-09	4.7E-02	5.5E-03	4.5E-13
7.1E+00	1.9E-07	6.1E-04	8.1E-10	4.7E-02	5.5E-03	2.1E-13	4.3E+00	6.0E-07	6.1E-04	1.6E-09	4.7E-02	5.5E-03	4.0E-13
6.7E+00	1.9E-07	6.1E-04	7.7E-10	4.7E-02	5.5E-03	2.0E-13	4.3E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	5.5E-03	4.0E-13
3.2E+01	1.9E-07	6.1E-04	3.7E-09	4.7E-02	5.5E-03	9.5E-13	1.8E+01	6.0E-07	6.1E-04	6.5E-09	4.7E-02	5.5E-03	1.7E-12
6.9E+01	1.9E-07	6.1E-04	8.0E-09	4.7E-02	5.5E-03	2.1E-12	1.8E+01	6.0E-07	6.1E-04	6.7E-09	4.7E-02	5.5E-03	1.7E-12
4.7E+01	1.9E-07	6.1E-04	5.4E-09	4.7E-02	5.5E-03	1.4E-12	1.8E+01	6.0E-07	6.1E-04	6.6E-09	4.7E-02	5.5E-03	1.7E-12
2.2E+01	1.9E-07	6.1E-04	2.5E-09	4.7E-02	5.5E-03	6.5E-13	1.4E+01	6.0E-07	6.1E-04	5.1E-09	4.7E-02	5.5E-03	1.3E-12
5.0E+01	1.9E-07	6.1E-04	5.8E-09	4.7E-02	5.5E-03	1.5E-12	1.4E+01	6.0E-07	6.1E-04	5.3E-09	4.7E-02	5.5E-03	1.4E-12
3.7E+01	1.9E-07	6.1E-04	4.3E-09	4.7E-02	5.5E-03	1.1E-12	1.4E+01	6.0E-07	6.1E-04	5.3E-09	4.7E-02	5.5E-03	1.4E-12
4.4E+01	1.9E-07	6.1E-04	5.1E-09	4.7E-02	5.5E-03	1.3E-12	1.1E+01	6.0E-07	6.1E-04	4.1E-09	4.7E-02	5.5E-03	1.1E-12
3.6E+01	1.9E-07	6.1E-04	4.1E-09	4.7E-02	5.5E-03	1.1E-12	1.2E+01	6.0E-07	6.1E-04	4.3E-09	4.7E-02	5.5E-03	1.1E-12
2.9E+01	1.9E-07	6.1E-04	3.3E-09	4.7E-02	5.5E-03	8.5E-13	1.2E+01	6.0E-07	6.1E-04	4.3E-09	4.7E-02	5.5E-03	1.1E-12
3.0E+01	1.9E-07	6.1E-04	3.5E-09	4.7E-02	5.5E-03	8.9E-13	9.4E+00	6.0E-07	6.1E-04	3.4E-09	4.7E-02	5.5E-03	8.8E-13
2.6E+01	1.9E-07	6.1E-04	3.0E-09	4.7E-02	5.5E-03	7.8E-13	9.7E+00	6.0E-07	6.1E-04	3.5E-09	4.7E-02	5.5E-03	9.1E-13
2.2E+01	1.9E-07	6.1E-04	2.6E-09	4.7E-02	5.5E-03	6.6E-13	9.7E+00	6.0E-07	6.1E-04	3.5E-09	4.7E-02	5.5E-03	9.1E-13
2.2E+01	1.9E-07	6.1E-04	2.5E-09	4.7E-02	5.5E-03	6.4E-13	7.9E+00	6.0E-07	6.1E-04	2.9E-09	4.7E-02	5.5E-03	7.4E-13
2.0E+01	1.9E-07	6.1E-04	2.3E-09	4.7E-02	5.5E-03	5.9E-13	8.1E+00	6.0E-07	6.1E-04	2.9E-09	4.7E-02	5.5E-03	7.6E-13
1.8E+01	1.9E-07	6.1E-04	2.0E-09	4.7E-02	5.5E-03	5.3E-13	8.2E+00	6.0E-07	6.1E-04	3.0E-09	4.7E-02	5.5E-03	7.7E-13
1.7E+01	1.9E-07	6.1E-04	2.0E-09	4.7E-02	5.5E-03	5.1E-13	7.0E+00	6.0E-07	6.1E-04	2.5E-09	4.7E-02	5.5E-03	6.5E-13
1.6E+01	1.9E-07	6.1E-04	1.9E-09	4.7E-02	5.5E-03	4.8E-13	7.1E+00	6.0E-07	6.1E-04	2.6E-09	4.7E-02	5.5E-03	6.7E-13
1.5E+01	1.9E-07	6.1E-04	1.7E-09	4.7E-02	5.5E-03	4.4E-13	7.2E+00	6.0E-07	6.1E-04	2.6E-09	4.7E-02	5.5E-03	6.8E-13
1.4E+01	1.9E-07	6.1E-04	1.6E-09	4.7E-02	5.5E-03	4.1E-13	6.0E+00	6.0E-07	6.1E-04	2.2E-09	4.7E-02	5.5E-03	5.6E-13
1.3E+01	1.9E-07	6.1E-04	1.5E-09	4.7E-02	5.5E-03	3.9E-13	6.1E+00	6.0E-07	6.1E-04	2.2E-09	4.7E-02	5.5E-03	5.8E-13
1.2E+01	1.9E-07	6.1E-04	1.4E-09	4.7E-02	5.5E-03	3.6E-13	6.2E+00	6.0E-07	6.1E-04	2.3E-09	4.7E-02	5.5E-03	5.8E-13
1.1E+01	1.9E-07	6.1E-04	1.3E-09	4.7E-02	5.5E-03	3.3E-13	5.2E+00	6.0E-07	6.1E-04	1.9E-09	4.7E-02	5.5E-03	4.9E-13
1.1E+01	1.9E-07	6.1E-04	1.2E-09	4.7E-02	5.5E-03	3.2E-13	5.4E+00	6.0E-07	6.1E-04	1.9E-09	4.7E-02	5.5E-03	5.0E-13
1.0E+01	1.9E-07	6.1E-04	1.2E-09	4.7E-02	5.5E-03	3.0E-13	5.4E+00	6.0E-07	6.1E-04	2.0E-09	4.7E-02	5.5E-03	5.1E-13
9.1E+00	1.9E-07	6.1E-04	1.0E-09	4.7E-02	5.5E-03	2.7E-13	4.6E+00	6.0E-07	6.1E-04	1.7E-09	4.7E-02	5.5E-03	4.3E-13

8.9E+00	1.9E-07	6.1E-04	1.0E-09	4.7E-02	5.5E-03	2.7E-13	4.7E+00	6.0E-07	6.1E-04	1.7E-09	4.7E-02	5.5E-03	4.4E-13
8.6E+00	1.9E-07	6.1E-04	9.9E-10	4.7E-02	5.5E-03	2.6E-13	4.8E+00	6.0E-07	6.1E-04	1.7E-09	4.7E-02	5.5E-03	4.5E-13
7.7E+00	1.9E-07	6.1E-04	8.8E-10	4.7E-02	5.5E-03	2.3E-13	4.1E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	5.5E-03	3.8E-13
7.6E+00	1.9E-07	6.1E-04	8.7E-10	4.7E-02	5.5E-03	2.3E-13	4.2E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	5.5E-03	3.9E-13
7.4E+00	1.9E-07	6.1E-04	8.5E-10	4.7E-02	5.5E-03	2.2E-13	4.2E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	5.5E-03	4.0E-13
7.2E+00	1.9E-07	6.1E-04	8.3E-10	4.7E-02	5.5E-03	2.1E-13	3.9E+00	6.0E-07	6.1E-04	1.4E-09	4.7E-02	5.5E-03	3.7E-13
7.1E+00	1.9E-07	6.1E-04	8.1E-10	4.7E-02	5.5E-03	2.1E-13	4.0E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	5.5E-03	3.8E-13
6.9E+00	1.9E-07	6.1E-04	7.9E-10	4.7E-02	5.5E-03	2.0E-13	4.1E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	5.5E-03	3.8E-13
6.6E+00	1.9E-07	6.1E-04	7.6E-10	4.7E-02	5.5E-03	2.0E-13	4.1E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	5.5E-03	3.8E-13
6.3E+00	1.9E-07	6.1E-04	7.3E-10	4.7E-02	5.5E-03	1.9E-13	4.1E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	5.5E-03	3.8E-13
6.2E+00	1.9E-07	6.1E-04	7.1E-10	4.7E-02	5.5E-03	1.8E-13	3.5E+00	6.0E-07	6.1E-04	1.3E-09	4.7E-02	5.5E-03	3.3E-13
6.1E+00	1.9E-07	6.1E-04	7.0E-10	4.7E-02	5.5E-03	1.8E-13	3.6E+00	6.0E-07	6.1E-04	1.3E-09	4.7E-02	5.5E-03	3.4E-13
6.0E+00	1.9E-07	6.1E-04	6.9E-10	4.7E-02	5.5E-03	1.8E-13	3.6E+00	6.0E-07	6.1E-04	1.3E-09	4.7E-02	5.5E-03	3.4E-13
5.8E+00	1.9E-07	6.1E-04	6.7E-10	4.7E-02	5.5E-03	1.7E-13	3.7E+00	6.0E-07	6.1E-04	1.3E-09	4.7E-02	5.5E-03	3.4E-13
5.6E+00	1.9E-07	6.1E-04	6.4E-10	4.7E-02	5.5E-03	1.7E-13	3.7E+00	6.0E-07	6.1E-04	1.3E-09	4.7E-02	5.5E-03	3.4E-13
5.4E+00	1.9E-07	6.1E-04	6.2E-10	4.7E-02	5.5E-03	1.6E-13	3.2E+00	6.0E-07	6.1E-04	1.1E-09	4.7E-02	5.5E-03	3.0E-13
5.3E+00	1.9E-07	6.1E-04	6.2E-10	4.7E-02	5.5E-03	1.6E-13	3.2E+00	6.0E-07	6.1E-04	1.2E-09	4.7E-02	5.5E-03	3.0E-13
5.3E+00	1.9E-07	6.1E-04	6.1E-10	4.7E-02	5.5E-03	1.6E-13	3.3E+00	6.0E-07	6.1E-04	1.2E-09	4.7E-02	5.5E-03	3.1E-13
5.1E+00	1.9E-07	6.1E-04	5.9E-10	4.7E-02	5.5E-03	1.5E-13	3.3E+00	6.0E-07	6.1E-04	1.2E-09	4.7E-02	5.5E-03	3.1E-13
5.0E+00	1.9E-07	6.1E-04	5.7E-10	4.7E-02	5.5E-03	1.5E-13	3.3E+00	6.0E-07	6.1E-04	1.2E-09	4.7E-02	5.5E-03	3.1E-13
4.6E+01	1.9E-07	6.1E-04	5.2E-09	4.7E-02	5.5E-03	1.4E-12	1.9E+01	6.0E-07	6.1E-04	6.9E-09	4.7E-02	5.5E-03	1.8E-12
3.7E+01	1.9E-07	6.1E-04	4.2E-09	4.7E-02	5.5E-03	1.1E-12	1.5E+01	6.0E-07	6.1E-04	5.5E-09	4.7E-02	5.5E-03	1.4E-12
2.9E+01	1.9E-07	6.1E-04	3.3E-09	4.7E-02	5.5E-03	8.5E-13	1.5E+01	6.0E-07	6.1E-04	5.3E-09	4.7E-02	5.5E-03	1.4E-12
2.3E+01	1.9E-07	6.1E-04	2.7E-09	4.7E-02	5.5E-03	6.9E-13	1.4E+01	6.0E-07	6.1E-04	5.0E-09	4.7E-02	5.5E-03	1.3E-12
2.9E+01	1.9E-07	6.1E-04	3.3E-09	4.7E-02	5.5E-03	8.6E-13	1.2E+01	6.0E-07	6.1E-04	4.4E-09	4.7E-02	5.5E-03	1.1E-12
2.4E+01	1.9E-07	6.1E-04	2.7E-09	4.7E-02	5.5E-03	7.0E-13	1.2E+01	6.0E-07	6.1E-04	4.3E-09	4.7E-02	5.5E-03	1.1E-12
2.0E+01	1.9E-07	6.1E-04	2.3E-09	4.7E-02	5.5E-03	5.8E-13	1.1E+01	6.0E-07	6.1E-04	4.2E-09	4.7E-02	5.5E-03	1.1E-12

Franklin School Project

Risk From New Building Demo (Port. 2) - Unmitigated School

Haul Route 1A							Haul Route 2A						
Conc	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
9.9E+00	1.2E-06	6.1E-04	7.4E-09	4.7E-02	5.5E-03	1.9E-12	8.5E-01	1.3E-07	6.1E-04	6.8E-11	4.7E-02	5.5E-03	1.8E-14
9.6E+00	1.2E-06	6.1E-04	7.2E-09	4.7E-02	5.5E-03	1.9E-12	8.3E-01	1.3E-07	6.1E-04	6.7E-11	4.7E-02	5.5E-03	1.7E-14
8.4E+00	1.2E-06	6.1E-04	6.3E-09	4.7E-02	5.5E-03	1.6E-12	8.2E-01	1.3E-07	6.1E-04	6.5E-11	4.7E-02	5.5E-03	1.7E-14
8.2E+00	1.2E-06	6.1E-04	6.1E-09	4.7E-02	5.5E-03	1.6E-12	8.0E-01	1.3E-07	6.1E-04	6.4E-11	4.7E-02	5.5E-03	1.7E-14
7.2E+00	1.2E-06	6.1E-04	5.4E-09	4.7E-02	5.5E-03	1.4E-12	7.8E-01	1.3E-07	6.1E-04	6.3E-11	4.7E-02	5.5E-03	1.6E-14
7.1E+00	1.2E-06	6.1E-04	5.3E-09	4.7E-02	5.5E-03	1.4E-12	7.7E-01	1.3E-07	6.1E-04	6.1E-11	4.7E-02	5.5E-03	1.6E-14
6.2E+00	1.2E-06	6.1E-04	4.6E-09	4.7E-02	5.5E-03	1.2E-12	7.5E-01	1.3E-07	6.1E-04	6.0E-11	4.7E-02	5.5E-03	1.6E-14
6.2E+00	1.2E-06	6.1E-04	4.6E-09	4.7E-02	5.5E-03	1.2E-12	7.4E-01	1.3E-07	6.1E-04	5.9E-11	4.7E-02	5.5E-03	1.5E-14
5.4E+00	1.2E-06	6.1E-04	4.1E-09	4.7E-02	5.5E-03	1.0E-12	7.2E-01	1.3E-07	6.1E-04	5.8E-11	4.7E-02	5.5E-03	1.5E-14
5.4E+00	1.2E-06	6.1E-04	4.0E-09	4.7E-02	5.5E-03	1.0E-12	7.1E-01	1.3E-07	6.1E-04	5.7E-11	4.7E-02	5.5E-03	1.5E-14
4.8E+00	1.2E-06	6.1E-04	3.6E-09	4.7E-02	5.5E-03	9.3E-13	7.0E-01	1.3E-07	6.1E-04	5.6E-11	4.7E-02	5.5E-03	1.4E-14
4.8E+00	1.2E-06	6.1E-04	3.6E-09	4.7E-02	5.5E-03	9.2E-13	6.8E-01	1.3E-07	6.1E-04	5.5E-11	4.7E-02	5.5E-03	1.4E-14
4.3E+00	1.2E-06	6.1E-04	3.2E-09	4.7E-02	5.5E-03	8.2E-13	6.7E-01	1.3E-07	6.1E-04	5.4E-11	4.7E-02	5.5E-03	1.4E-14
4.3E+00	1.2E-06	6.1E-04	3.2E-09	4.7E-02	5.5E-03	8.2E-13	6.6E-01	1.3E-07	6.1E-04	5.3E-11	4.7E-02	5.5E-03	1.4E-14
1.8E+01	1.2E-06	6.1E-04	1.3E-08	4.7E-02	5.5E-03	3.5E-12	1.0E+00	1.3E-07	6.1E-04	8.2E-11	4.7E-02	5.5E-03	2.1E-14
1.8E+01	1.2E-06	6.1E-04	1.4E-08	4.7E-02	5.5E-03	3.5E-12	1.0E+00	1.3E-07	6.1E-04	8.0E-11	4.7E-02	5.5E-03	2.1E-14
1.8E+01	1.2E-06	6.1E-04	1.4E-08	4.7E-02	5.5E-03	3.5E-12	9.8E-01	1.3E-07	6.1E-04	7.9E-11	4.7E-02	5.5E-03	2.0E-14
1.4E+01	1.2E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-03	2.7E-12	9.8E-01	1.3E-07	6.1E-04	7.8E-11	4.7E-02	5.5E-03	2.0E-14
1.4E+01	1.2E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-03	2.8E-12	9.6E-01	1.3E-07	6.1E-04	7.7E-11	4.7E-02	5.5E-03	2.0E-14
1.4E+01	1.2E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-03	2.8E-12	9.4E-01	1.3E-07	6.1E-04	7.5E-11	4.7E-02	5.5E-03	1.9E-14
1.1E+01	1.2E-06	6.1E-04	8.5E-09	4.7E-02	5.5E-03	2.2E-12	9.4E-01	1.3E-07	6.1E-04	7.5E-11	4.7E-02	5.5E-03	1.9E-14
1.2E+01	1.2E-06	6.1E-04	8.7E-09	4.7E-02	5.5E-03	2.3E-12	9.2E-01	1.3E-07	6.1E-04	7.4E-11	4.7E-02	5.5E-03	1.9E-14
1.2E+01	1.2E-06	6.1E-04	8.8E-09	4.7E-02	5.5E-03	2.3E-12	9.0E-01	1.3E-07	6.1E-04	7.2E-11	4.7E-02	5.5E-03	1.9E-14
9.4E+00	1.2E-06	6.1E-04	7.0E-09	4.7E-02	5.5E-03	1.8E-12	9.0E-01	1.3E-07	6.1E-04	7.2E-11	4.7E-02	5.5E-03	1.9E-14
9.7E+00	1.2E-06	6.1E-04	7.2E-09	4.7E-02	5.5E-03	1.9E-12	8.8E-01	1.3E-07	6.1E-04	7.0E-11	4.7E-02	5.5E-03	1.8E-14
9.7E+00	1.2E-06	6.1E-04	7.2E-09	4.7E-02	5.5E-03	1.9E-12	8.6E-01	1.3E-07	6.1E-04	6.9E-11	4.7E-02	5.5E-03	1.8E-14
7.9E+00	1.2E-06	6.1E-04	5.9E-09	4.7E-02	5.5E-03	1.5E-12	8.6E-01	1.3E-07	6.1E-04	6.9E-11	4.7E-02	5.5E-03	1.8E-14
8.1E+00	1.2E-06	6.1E-04	6.0E-09	4.7E-02	5.5E-03	1.6E-12	8.4E-01	1.3E-07	6.1E-04	6.7E-11	4.7E-02	5.5E-03	1.7E-14
8.2E+00	1.2E-06	6.1E-04	6.1E-09	4.7E-02	5.5E-03	1.6E-12	8.3E-01	1.3E-07	6.1E-04	6.6E-11	4.7E-02	5.5E-03	1.7E-14
7.0E+00	1.2E-06	6.1E-04	5.2E-09	4.7E-02	5.5E-03	1.3E-12	8.3E-01	1.3E-07	6.1E-04	6.6E-11	4.7E-02	5.5E-03	1.7E-14
7.1E+00	1.2E-06	6.1E-04	5.3E-09	4.7E-02	5.5E-03	1.4E-12	8.1E-01	1.3E-07	6.1E-04	6.5E-11	4.7E-02	5.5E-03	1.7E-14
7.2E+00	1.2E-06	6.1E-04	5.4E-09	4.7E-02	5.5E-03	1.4E-12	8.0E-01	1.3E-07	6.1E-04	6.4E-11	4.7E-02	5.5E-03	1.7E-14
6.0E+00	1.2E-06	6.1E-04	4.5E-09	4.7E-02	5.5E-03	1.2E-12	7.9E-01	1.3E-07	6.1E-04	6.4E-11	4.7E-02	5.5E-03	1.6E-14
6.1E+00	1.2E-06	6.1E-04	4.6E-09	4.7E-02	5.5E-03	1.2E-12	7.8E-01	1.3E-07	6.1E-04	6.3E-11	4.7E-02	5.5E-03	1.6E-14
6.2E+00	1.2E-06	6.1E-04	4.6E-09	4.7E-02	5.5E-03	1.2E-12	7.7E-01	1.3E-07	6.1E-04	6.2E-11	4.7E-02	5.5E-03	1.6E-14
5.2E+00	1.2E-06	6.1E-04	3.9E-09	4.7E-02	5.5E-03	1.0E-12	7.6E-01	1.3E-07	6.1E-04	6.1E-11	4.7E-02	5.5E-03	1.6E-14
5.4E+00	1.2E-06	6.1E-04	4.0E-09	4.7E-02	5.5E-03	1.0E-12	7.5E-01	1.3E-07	6.1E-04	6.0E-11	4.7E-02	5.5E-03	1.6E-14
5.4E+00	1.2E-06	6.1E-04	4.0E-09	4.7E-02	5.5E-03	1.0E-12	7.4E-01	1.3E-07	6.1E-04	5.9E-11	4.7E-02	5.5E-03	1.5E-14
4.6E+00	1.2E-06	6.1E-04	3.4E-09	4.7E-02	5.5E-03	8.8E-13	7.3E-01	1.3E-07	6.1E-04	5.9E-11	4.7E-02	5.5E-03	1.5E-14

4.7E+00	1.2E-06	6.1E-04	3.5E-09	4.7E-02	5.5E-03	9.1E-13	7.2E-01	1.3E-07	6.1E-04	5.8E-11	4.7E-02	5.5E-03	1.5E-14
4.8E+00	1.2E-06	6.1E-04	3.6E-09	4.7E-02	5.5E-03	9.2E-13	7.1E-01	1.3E-07	6.1E-04	5.7E-11	4.7E-02	5.5E-03	1.5E-14
4.1E+00	1.2E-06	6.1E-04	3.0E-09	4.7E-02	5.5E-03	7.8E-13	7.0E-01	1.3E-07	6.1E-04	5.6E-11	4.7E-02	5.5E-03	1.5E-14
4.2E+00	1.2E-06	6.1E-04	3.1E-09	4.7E-02	5.5E-03	8.0E-13	6.9E-01	1.3E-07	6.1E-04	5.6E-11	4.7E-02	5.5E-03	1.4E-14
4.2E+00	1.2E-06	6.1E-04	3.2E-09	4.7E-02	5.5E-03	8.2E-13	6.8E-01	1.3E-07	6.1E-04	5.5E-11	4.7E-02	5.5E-03	1.4E-14
3.9E+00	1.2E-06	6.1E-04	2.9E-09	4.7E-02	5.5E-03	7.6E-13	6.9E-01	1.3E-07	6.1E-04	5.5E-11	4.7E-02	5.5E-03	1.4E-14
4.0E+00	1.2E-06	6.1E-04	3.0E-09	4.7E-02	5.5E-03	7.7E-13	6.8E-01	1.3E-07	6.1E-04	5.5E-11	4.7E-02	5.5E-03	1.4E-14
4.1E+00	1.2E-06	6.1E-04	3.0E-09	4.7E-02	5.5E-03	7.8E-13	6.7E-01	1.3E-07	6.1E-04	5.4E-11	4.7E-02	5.5E-03	1.4E-14
4.1E+00	1.2E-06	6.1E-04	3.0E-09	4.7E-02	5.5E-03	7.9E-13	6.6E-01	1.3E-07	6.1E-04	5.3E-11	4.7E-02	5.5E-03	1.4E-14
4.1E+00	1.2E-06	6.1E-04	3.0E-09	4.7E-02	5.5E-03	7.8E-13	6.5E-01	1.3E-07	6.1E-04	5.2E-11	4.7E-02	5.5E-03	1.3E-14
3.5E+00	1.2E-06	6.1E-04	2.6E-09	4.7E-02	5.5E-03	6.8E-13	6.6E-01	1.3E-07	6.1E-04	5.3E-11	4.7E-02	5.5E-03	1.4E-14
3.6E+00	1.2E-06	6.1E-04	2.7E-09	4.7E-02	5.5E-03	6.9E-13	6.5E-01	1.3E-07	6.1E-04	5.2E-11	4.7E-02	5.5E-03	1.4E-14
3.6E+00	1.2E-06	6.1E-04	2.7E-09	4.7E-02	5.5E-03	7.0E-13	6.5E-01	1.3E-07	6.1E-04	5.2E-11	4.7E-02	5.5E-03	1.3E-14
3.7E+00	1.2E-06	6.1E-04	2.7E-09	4.7E-02	5.5E-03	7.0E-13	6.4E-01	1.3E-07	6.1E-04	5.1E-11	4.7E-02	5.5E-03	1.3E-14
3.7E+00	1.2E-06	6.1E-04	2.7E-09	4.7E-02	5.5E-03	7.0E-13	6.2E-01	1.3E-07	6.1E-04	5.0E-11	4.7E-02	5.5E-03	1.3E-14
3.2E+00	1.2E-06	6.1E-04	2.4E-09	4.7E-02	5.5E-03	6.1E-13	6.4E-01	1.3E-07	6.1E-04	5.1E-11	4.7E-02	5.5E-03	1.3E-14
3.2E+00	1.2E-06	6.1E-04	2.4E-09	4.7E-02	5.5E-03	6.2E-13	6.3E-01	1.3E-07	6.1E-04	5.1E-11	4.7E-02	5.5E-03	1.3E-14
3.3E+00	1.2E-06	6.1E-04	2.4E-09	4.7E-02	5.5E-03	6.3E-13	6.2E-01	1.3E-07	6.1E-04	5.0E-11	4.7E-02	5.5E-03	1.3E-14
3.3E+00	1.2E-06	6.1E-04	2.5E-09	4.7E-02	5.5E-03	6.4E-13	6.1E-01	1.3E-07	6.1E-04	4.9E-11	4.7E-02	5.5E-03	1.3E-14
3.3E+00	1.2E-06	6.1E-04	2.5E-09	4.7E-02	5.5E-03	6.4E-13	6.0E-01	1.3E-07	6.1E-04	4.8E-11	4.7E-02	5.5E-03	1.2E-14
1.9E+01	1.2E-06	6.1E-04	1.4E-08	4.7E-02	5.5E-03	3.7E-12	9.9E-01	1.3E-07	6.1E-04	7.9E-11	4.7E-02	5.5E-03	2.0E-14
1.5E+01	1.2E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-03	2.9E-12	9.4E-01	1.3E-07	6.1E-04	7.6E-11	4.7E-02	5.5E-03	2.0E-14
1.5E+01	1.2E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-03	2.8E-12	9.2E-01	1.3E-07	6.1E-04	7.4E-11	4.7E-02	5.5E-03	1.9E-14
1.4E+01	1.2E-06	6.1E-04	1.0E-08	4.7E-02	5.5E-03	2.7E-12	9.0E-01	1.3E-07	6.1E-04	7.2E-11	4.7E-02	5.5E-03	1.9E-14
1.2E+01	1.2E-06	6.1E-04	9.1E-09	4.7E-02	5.5E-03	2.3E-12	9.0E-01	1.3E-07	6.1E-04	7.2E-11	4.7E-02	5.5E-03	1.9E-14
1.2E+01	1.2E-06	6.1E-04	8.9E-09	4.7E-02	5.5E-03	2.3E-12	8.8E-01	1.3E-07	6.1E-04	7.1E-11	4.7E-02	5.5E-03	1.8E-14
1.1E+01	1.2E-06	6.1E-04	8.5E-09	4.7E-02	5.5E-03	2.2E-12	8.6E-01	1.3E-07	6.1E-04	6.9E-11	4.7E-02	5.5E-03	1.8E-14

Risk From New Building Demo (Port. 1,3,4) - Unmitigated School

Franklin School Project

Risk From New Building Demo (Port. 1,3,4) - Unmitigated School

0.16	Max

Onsite

Receptor #	Total/ Million	Total	Conc	g/sec	D1	Dose	R1	ED	Risk
807	0.10	9.8E-08	2.9E+01	8.6E-03	6.1E-04	1.5E-04	4.7E-02	1.4E-02	9.8E-08
808	0.11	1.1E-07	3.3E+01	8.6E-03	6.1E-04	1.7E-04	4.7E-02	1.4E-02	1.1E-07
809	0.11	1.1E-07	3.2E+01	8.6E-03	6.1E-04	1.7E-04	4.7E-02	1.4E-02	1.1E-07
810	0.12	1.2E-07	3.5E+01	8.6E-03	6.1E-04	1.8E-04	4.7E-02	1.4E-02	1.2E-07
811	0.11	1.1E-07	3.3E+01	8.6E-03	6.1E-04	1.7E-04	4.7E-02	1.4E-02	1.1E-07
812	0.14	1.4E-07	4.2E+01	8.6E-03	6.1E-04	2.2E-04	4.7E-02	1.4E-02	1.4E-07
813	0.11	1.1E-07	3.4E+01	8.6E-03	6.1E-04	1.8E-04	4.7E-02	1.4E-02	1.1E-07
814	0.15	1.5E-07	4.6E+01	8.6E-03	6.1E-04	2.4E-04	4.7E-02	1.4E-02	1.5E-07
815	0.12	1.2E-07	3.6E+01	8.6E-03	6.1E-04	1.9E-04	4.7E-02	1.4E-02	1.2E-07
816	0.13	1.3E-07	4.0E+01	8.6E-03	6.1E-04	2.1E-04	4.7E-02	1.4E-02	1.3E-07
817	0.12	1.2E-07	3.7E+01	8.6E-03	6.1E-04	1.9E-04	4.7E-02	1.4E-02	1.2E-07
818	0.13	1.3E-07	4.0E+01	8.6E-03	6.1E-04	2.1E-04	4.7E-02	1.4E-02	1.3E-07
819	0.12	1.2E-07	3.6E+01	8.6E-03	6.1E-04	1.9E-04	4.7E-02	1.4E-02	1.2E-07
820	0.16	1.6E-07	4.8E+01	8.6E-03	6.1E-04	2.5E-04	4.7E-02	1.4E-02	1.6E-07
821	0.03	2.6E-08	7.9E+00	8.6E-03	6.1E-04	4.1E-05	4.7E-02	1.4E-02	2.6E-08
822	0.03	3.3E-08	9.7E+00	8.6E-03	6.1E-04	5.0E-05	4.7E-02	1.4E-02	3.3E-08
823	0.04	4.2E-08	1.3E+01	8.6E-03	6.1E-04	6.5E-05	4.7E-02	1.4E-02	4.2E-08
824	0.03	2.9E-08	8.7E+00	8.6E-03	6.1E-04	4.5E-05	4.7E-02	1.4E-02	2.9E-08
825	0.04	3.7E-08	1.1E+01	8.6E-03	6.1E-04	5.8E-05	4.7E-02	1.4E-02	3.7E-08
826	0.05	4.9E-08	1.5E+01	8.6E-03	6.1E-04	7.7E-05	4.7E-02	1.4E-02	4.9E-08
827	0.03	3.2E-08	9.6E+00	8.6E-03	6.1E-04	5.0E-05	4.7E-02	1.4E-02	3.2E-08
828	0.04	4.2E-08	1.3E+01	8.6E-03	6.1E-04	6.5E-05	4.7E-02	1.4E-02	4.2E-08
829	0.06	5.8E-08	1.7E+01	8.6E-03	6.1E-04	8.9E-05	4.7E-02	1.4E-02	5.8E-08
830	0.03	3.5E-08	1.0E+01	8.6E-03	6.1E-04	5.4E-05	4.7E-02	1.4E-02	3.5E-08
831	0.05	4.6E-08	1.4E+01	8.6E-03	6.1E-04	7.1E-05	4.7E-02	1.4E-02	4.6E-08
832	0.06	6.5E-08	1.9E+01	8.6E-03	6.1E-04	1.0E-04	4.7E-02	1.4E-02	6.5E-08
833	0.04	3.7E-08	1.1E+01	8.6E-03	6.1E-04	5.7E-05	4.7E-02	1.4E-02	3.7E-08
834	0.05	4.9E-08	1.5E+01	8.6E-03	6.1E-04	7.5E-05	4.7E-02	1.4E-02	4.9E-08
835	0.07	7.0E-08	2.1E+01	8.6E-03	6.1E-04	1.1E-04	4.7E-02	1.4E-02	7.0E-08
836	0.04	3.8E-08	1.1E+01	8.6E-03	6.1E-04	5.9E-05	4.7E-02	1.4E-02	3.8E-08
837	0.05	5.0E-08	1.5E+01	8.6E-03	6.1E-04	7.8E-05	4.7E-02	1.4E-02	5.0E-08
838	0.07	7.2E-08	2.1E+01	8.6E-03	6.1E-04	1.1E-04	4.7E-02	1.4E-02	7.2E-08
839	0.04	3.9E-08	1.2E+01	8.6E-03	6.1E-04	6.1E-05	4.7E-02	1.4E-02	3.9E-08
840	0.05	5.2E-08	1.6E+01	8.6E-03	6.1E-04	8.1E-05	4.7E-02	1.4E-02	5.2E-08
841	0.07	7.4E-08	2.2E+01	8.6E-03	6.1E-04	1.1E-04	4.7E-02	1.4E-02	7.4E-08
842	0.04	4.0E-08	1.2E+01	8.6E-03	6.1E-04	6.2E-05	4.7E-02	1.4E-02	4.0E-08
843	0.05	5.3E-08	1.6E+01	8.6E-03	6.1E-04	8.3E-05	4.7E-02	1.4E-02	5.3E-08
844	0.08	7.6E-08	2.3E+01	8.6E-03	6.1E-04	1.2E-04	4.7E-02	1.4E-02	7.6E-08
845	0.04	3.9E-08	1.2E+01	8.6E-03	6.1E-04	6.1E-05	4.7E-02	1.4E-02	3.9E-08

846	0.05	5.3E-08	1.6E+01	8.6E-03	6.1E-04	8.3E-05	4.7E-02	1.4E-02	5.3E-08
847	0.08	7.7E-08	2.3E+01	8.6E-03	6.1E-04	1.2E-04	4.7E-02	1.4E-02	7.7E-08
848	0.04	3.8E-08	1.1E+01	8.6E-03	6.1E-04	6.0E-05	4.7E-02	1.4E-02	3.8E-08
849	0.05	5.2E-08	1.6E+01	8.6E-03	6.1E-04	8.1E-05	4.7E-02	1.4E-02	5.2E-08
850	0.08	7.6E-08	2.3E+01	8.6E-03	6.1E-04	1.2E-04	4.7E-02	1.4E-02	7.6E-08
851	0.04	4.1E-08	1.2E+01	8.6E-03	6.1E-04	6.4E-05	4.7E-02	1.4E-02	4.1E-08
852	0.06	5.7E-08	1.7E+01	8.6E-03	6.1E-04	8.9E-05	4.7E-02	1.4E-02	5.7E-08
853	0.08	8.5E-08	2.5E+01	8.6E-03	6.1E-04	1.3E-04	4.7E-02	1.4E-02	8.5E-08
854	0.13	1.3E-07	3.8E+01	8.6E-03	6.1E-04	2.0E-04	4.7E-02	1.4E-02	1.3E-07
855	0.13	1.3E-07	3.9E+01	8.6E-03	6.1E-04	2.1E-04	4.7E-02	1.4E-02	1.3E-07
856	0.04	3.9E-08	1.2E+01	8.6E-03	6.1E-04	6.1E-05	4.7E-02	1.4E-02	3.9E-08
857	0.05	5.4E-08	1.6E+01	8.6E-03	6.1E-04	8.4E-05	4.7E-02	1.4E-02	5.4E-08
858	0.08	8.0E-08	2.4E+01	8.6E-03	6.1E-04	1.2E-04	4.7E-02	1.4E-02	8.0E-08
859	0.12	1.2E-07	3.7E+01	8.6E-03	6.1E-04	1.9E-04	4.7E-02	1.4E-02	1.2E-07
860	0.12	1.2E-07	3.5E+01	8.6E-03	6.1E-04	1.8E-04	4.7E-02	1.4E-02	1.2E-07
861	0.04	3.7E-08	1.1E+01	8.6E-03	6.1E-04	5.7E-05	4.7E-02	1.4E-02	3.7E-08
862	0.05	5.0E-08	1.5E+01	8.6E-03	6.1E-04	7.7E-05	4.7E-02	1.4E-02	5.0E-08
863	0.07	7.1E-08	2.1E+01	8.6E-03	6.1E-04	1.1E-04	4.7E-02	1.4E-02	7.1E-08
864	0.11	1.1E-07	3.2E+01	8.6E-03	6.1E-04	1.7E-04	4.7E-02	1.4E-02	1.1E-07
865	0.11	1.1E-07	3.3E+01	8.6E-03	6.1E-04	1.7E-04	4.7E-02	1.4E-02	1.1E-07
866	0.04	4.3E-08	1.3E+01	8.6E-03	6.1E-04	6.7E-05	4.7E-02	1.4E-02	4.3E-08
867	0.05	5.1E-08	1.5E+01	8.6E-03	6.1E-04	7.9E-05	4.7E-02	1.4E-02	5.1E-08
868	0.07	7.2E-08	2.1E+01	8.6E-03	6.1E-04	1.1E-04	4.7E-02	1.4E-02	7.2E-08
869	0.11	1.1E-07	3.2E+01	8.6E-03	6.1E-04	1.6E-04	4.7E-02	1.4E-02	1.1E-07
870	0.06	6.0E-08	1.8E+01	8.6E-03	6.1E-04	9.3E-05	4.7E-02	1.4E-02	6.0E-08
871	0.09	8.7E-08	2.6E+01	8.6E-03	6.1E-04	1.3E-04	4.7E-02	1.4E-02	8.7E-08
872	0.12	1.2E-07	3.5E+01	8.6E-03	6.1E-04	1.8E-04	4.7E-02	1.4E-02	1.2E-07
873	0.00	0.0E+00		8.6E-03	6.1E-04	0.0E+00	4.7E-02	1.4E-02	0.0E+00

Franklin School Project

Risk From New Building Demo (Port. 1,3,4) - Unmitigated School

Haul Route 1A							Haul Route 2A						
Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
2.0E+01	1.9E-07	6.1E-04	2.3E-09	4.7E-02	1.4E-02	1.5E-12	9.9E+00	6.0E-07	6.1E-04	3.6E-09	4.7E-02	1.4E-02	2.3E-12
1.7E+01	1.9E-07	6.1E-04	1.9E-09	4.7E-02	1.4E-02	1.3E-12	9.6E+00	6.0E-07	6.1E-04	3.5E-09	4.7E-02	1.4E-02	2.3E-12
1.6E+01	1.9E-07	6.1E-04	1.9E-09	4.7E-02	1.4E-02	1.2E-12	8.4E+00	6.0E-07	6.1E-04	3.0E-09	4.7E-02	1.4E-02	2.0E-12
1.4E+01	1.9E-07	6.1E-04	1.6E-09	4.7E-02	1.4E-02	1.1E-12	8.2E+00	6.0E-07	6.1E-04	3.0E-09	4.7E-02	1.4E-02	1.9E-12
1.3E+01	1.9E-07	6.1E-04	1.5E-09	4.7E-02	1.4E-02	9.9E-13	7.2E+00	6.0E-07	6.1E-04	2.6E-09	4.7E-02	1.4E-02	1.7E-12
1.2E+01	1.9E-07	6.1E-04	1.4E-09	4.7E-02	1.4E-02	8.9E-13	7.1E+00	6.0E-07	6.1E-04	2.6E-09	4.7E-02	1.4E-02	1.7E-12
1.1E+01	1.9E-07	6.1E-04	1.3E-09	4.7E-02	1.4E-02	8.3E-13	6.2E+00	6.0E-07	6.1E-04	2.3E-09	4.7E-02	1.4E-02	1.5E-12
1.0E+01	1.9E-07	6.1E-04	1.2E-09	4.7E-02	1.4E-02	7.6E-13	6.2E+00	6.0E-07	6.1E-04	2.2E-09	4.7E-02	1.4E-02	1.4E-12
9.5E+00	1.9E-07	6.1E-04	1.1E-09	4.7E-02	1.4E-02	7.1E-13	5.4E+00	6.0E-07	6.1E-04	2.0E-09	4.7E-02	1.4E-02	1.3E-12
8.8E+00	1.9E-07	6.1E-04	1.0E-09	4.7E-02	1.4E-02	6.6E-13	5.4E+00	6.0E-07	6.1E-04	2.0E-09	4.7E-02	1.4E-02	1.3E-12
8.2E+00	1.9E-07	6.1E-04	9.4E-10	4.7E-02	1.4E-02	6.1E-13	4.8E+00	6.0E-07	6.1E-04	1.7E-09	4.7E-02	1.4E-02	1.1E-12
7.7E+00	1.9E-07	6.1E-04	8.8E-10	4.7E-02	1.4E-02	5.7E-13	4.8E+00	6.0E-07	6.1E-04	1.7E-09	4.7E-02	1.4E-02	1.1E-12
7.1E+00	1.9E-07	6.1E-04	8.1E-10	4.7E-02	1.4E-02	5.2E-13	4.3E+00	6.0E-07	6.1E-04	1.6E-09	4.7E-02	1.4E-02	1.0E-12
6.7E+00	1.9E-07	6.1E-04	7.7E-10	4.7E-02	1.4E-02	5.0E-13	4.3E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	1.4E-02	1.0E-12
3.2E+01	1.9E-07	6.1E-04	3.7E-09	4.7E-02	1.4E-02	2.4E-12	1.8E+01	6.0E-07	6.1E-04	6.5E-09	4.7E-02	1.4E-02	4.2E-12
6.9E+01	1.9E-07	6.1E-04	8.0E-09	4.7E-02	1.4E-02	5.2E-12	1.8E+01	6.0E-07	6.1E-04	6.7E-09	4.7E-02	1.4E-02	4.3E-12
4.7E+01	1.9E-07	6.1E-04	5.4E-09	4.7E-02	1.4E-02	3.5E-12	1.8E+01	6.0E-07	6.1E-04	6.6E-09	4.7E-02	1.4E-02	4.3E-12
2.2E+01	1.9E-07	6.1E-04	2.5E-09	4.7E-02	1.4E-02	1.6E-12	1.4E+01	6.0E-07	6.1E-04	5.1E-09	4.7E-02	1.4E-02	3.3E-12
5.0E+01	1.9E-07	6.1E-04	5.8E-09	4.7E-02	1.4E-02	3.7E-12	1.4E+01	6.0E-07	6.1E-04	5.3E-09	4.7E-02	1.4E-02	3.4E-12
3.7E+01	1.9E-07	6.1E-04	4.3E-09	4.7E-02	1.4E-02	2.8E-12	1.4E+01	6.0E-07	6.1E-04	5.3E-09	4.7E-02	1.4E-02	3.4E-12
4.4E+01	1.9E-07	6.1E-04	5.1E-09	4.7E-02	1.4E-02	3.3E-12	1.1E+01	6.0E-07	6.1E-04	4.1E-09	4.7E-02	1.4E-02	2.7E-12
3.6E+01	1.9E-07	6.1E-04	4.1E-09	4.7E-02	1.4E-02	2.7E-12	1.2E+01	6.0E-07	6.1E-04	4.3E-09	4.7E-02	1.4E-02	2.7E-12
2.9E+01	1.9E-07	6.1E-04	3.3E-09	4.7E-02	1.4E-02	2.1E-12	1.2E+01	6.0E-07	6.1E-04	4.3E-09	4.7E-02	1.4E-02	2.8E-12
3.0E+01	1.9E-07	6.1E-04	3.5E-09	4.7E-02	1.4E-02	2.2E-12	9.4E+00	6.0E-07	6.1E-04	3.4E-09	4.7E-02	1.4E-02	2.2E-12
2.6E+01	1.9E-07	6.1E-04	3.0E-09	4.7E-02	1.4E-02	1.9E-12	9.7E+00	6.0E-07	6.1E-04	3.5E-09	4.7E-02	1.4E-02	2.3E-12
2.2E+01	1.9E-07	6.1E-04	2.6E-09	4.7E-02	1.4E-02	1.7E-12	9.7E+00	6.0E-07	6.1E-04	3.5E-09	4.7E-02	1.4E-02	2.3E-12
2.2E+01	1.9E-07	6.1E-04	2.5E-09	4.7E-02	1.4E-02	1.6E-12	7.9E+00	6.0E-07	6.1E-04	2.9E-09	4.7E-02	1.4E-02	1.9E-12
2.0E+01	1.9E-07	6.1E-04	2.3E-09	4.7E-02	1.4E-02	1.5E-12	8.1E+00	6.0E-07	6.1E-04	2.9E-09	4.7E-02	1.4E-02	1.9E-12
1.8E+01	1.9E-07	6.1E-04	2.0E-09	4.7E-02	1.4E-02	1.3E-12	8.2E+00	6.0E-07	6.1E-04	3.0E-09	4.7E-02	1.4E-02	1.9E-12
1.7E+01	1.9E-07	6.1E-04	2.0E-09	4.7E-02	1.4E-02	1.3E-12	7.0E+00	6.0E-07	6.1E-04	2.5E-09	4.7E-02	1.4E-02	1.6E-12
1.6E+01	1.9E-07	6.1E-04	1.9E-09	4.7E-02	1.4E-02	1.2E-12	7.1E+00	6.0E-07	6.1E-04	2.6E-09	4.7E-02	1.4E-02	1.7E-12
1.5E+01	1.9E-07	6.1E-04	1.7E-09	4.7E-02	1.4E-02	1.1E-12	7.2E+00	6.0E-07	6.1E-04	2.6E-09	4.7E-02	1.4E-02	1.7E-12
1.4E+01	1.9E-07	6.1E-04	1.6E-09	4.7E-02	1.4E-02	1.0E-12	6.0E+00	6.0E-07	6.1E-04	2.2E-09	4.7E-02	1.4E-02	1.4E-12
1.3E+01	1.9E-07	6.1E-04	1.5E-09	4.7E-02	1.4E-02	9.7E-13	6.1E+00	6.0E-07	6.1E-04	2.2E-09	4.7E-02	1.4E-02	1.4E-12
1.2E+01	1.9E-07	6.1E-04	1.4E-09	4.7E-02	1.4E-02	9.1E-13	6.2E+00	6.0E-07	6.1E-04	2.3E-09	4.7E-02	1.4E-02	1.5E-12
1.1E+01	1.9E-07	6.1E-04	1.3E-09	4.7E-02	1.4E-02	8.2E-13	5.2E+00	6.0E-07	6.1E-04	1.9E-09	4.7E-02	1.4E-02	1.2E-12
1.1E+01	1.9E-07	6.1E-04	1.2E-09	4.7E-02	1.4E-02	8.0E-13	5.4E+00	6.0E-07	6.1E-04	1.9E-09	4.7E-02	1.4E-02	1.3E-12
1.0E+01	1.9E-07	6.1E-04	1.2E-09	4.7E-02	1.4E-02	7.6E-13	5.4E+00	6.0E-07	6.1E-04	2.0E-09	4.7E-02	1.4E-02	1.3E-12
9.1E+00	1.9E-07	6.1E-04	1.0E-09	4.7E-02	1.4E-02	6.8E-13	4.6E+00	6.0E-07	6.1E-04	1.7E-09	4.7E-02	1.4E-02	1.1E-12

8.9E+00	1.9E-07	6.1E-04	1.0E-09	4.7E-02	1.4E-02	6.6E-13	4.7E+00	6.0E-07	6.1E-04	1.7E-09	4.7E-02	1.4E-02	1.1E-12
8.6E+00	1.9E-07	6.1E-04	9.9E-10	4.7E-02	1.4E-02	6.4E-13	4.8E+00	6.0E-07	6.1E-04	1.7E-09	4.7E-02	1.4E-02	1.1E-12
7.7E+00	1.9E-07	6.1E-04	8.8E-10	4.7E-02	1.4E-02	5.7E-13	4.1E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	1.4E-02	9.6E-13
7.6E+00	1.9E-07	6.1E-04	8.7E-10	4.7E-02	1.4E-02	5.6E-13	4.2E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	1.4E-02	9.8E-13
7.4E+00	1.9E-07	6.1E-04	8.5E-10	4.7E-02	1.4E-02	5.5E-13	4.2E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	1.4E-02	9.9E-13
7.2E+00	1.9E-07	6.1E-04	8.3E-10	4.7E-02	1.4E-02	5.3E-13	3.9E+00	6.0E-07	6.1E-04	1.4E-09	4.7E-02	1.4E-02	9.2E-13
7.1E+00	1.9E-07	6.1E-04	8.1E-10	4.7E-02	1.4E-02	5.3E-13	4.0E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	1.4E-02	9.4E-13
6.9E+00	1.9E-07	6.1E-04	7.9E-10	4.7E-02	1.4E-02	5.1E-13	4.1E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	1.4E-02	9.5E-13
6.6E+00	1.9E-07	6.1E-04	7.6E-10	4.7E-02	1.4E-02	4.9E-13	4.1E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	1.4E-02	9.6E-13
6.3E+00	1.9E-07	6.1E-04	7.3E-10	4.7E-02	1.4E-02	4.7E-13	4.1E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	1.4E-02	9.5E-13
6.2E+00	1.9E-07	6.1E-04	7.1E-10	4.7E-02	1.4E-02	4.6E-13	3.5E+00	6.0E-07	6.1E-04	1.3E-09	4.7E-02	1.4E-02	8.2E-13
6.1E+00	1.9E-07	6.1E-04	7.0E-10	4.7E-02	1.4E-02	4.5E-13	3.6E+00	6.0E-07	6.1E-04	1.3E-09	4.7E-02	1.4E-02	8.4E-13
6.0E+00	1.9E-07	6.1E-04	6.9E-10	4.7E-02	1.4E-02	4.5E-13	3.6E+00	6.0E-07	6.1E-04	1.3E-09	4.7E-02	1.4E-02	8.5E-13
5.8E+00	1.9E-07	6.1E-04	6.7E-10	4.7E-02	1.4E-02	4.3E-13	3.7E+00	6.0E-07	6.1E-04	1.3E-09	4.7E-02	1.4E-02	8.6E-13
5.6E+00	1.9E-07	6.1E-04	6.4E-10	4.7E-02	1.4E-02	4.1E-13	3.7E+00	6.0E-07	6.1E-04	1.3E-09	4.7E-02	1.4E-02	8.6E-13
5.4E+00	1.9E-07	6.1E-04	6.2E-10	4.7E-02	1.4E-02	4.0E-13	3.2E+00	6.0E-07	6.1E-04	1.1E-09	4.7E-02	1.4E-02	7.4E-13
5.3E+00	1.9E-07	6.1E-04	6.2E-10	4.7E-02	1.4E-02	4.0E-13	3.2E+00	6.0E-07	6.1E-04	1.2E-09	4.7E-02	1.4E-02	7.6E-13
5.3E+00	1.9E-07	6.1E-04	6.1E-10	4.7E-02	1.4E-02	3.9E-13	3.3E+00	6.0E-07	6.1E-04	1.2E-09	4.7E-02	1.4E-02	7.7E-13
5.1E+00	1.9E-07	6.1E-04	5.9E-10	4.7E-02	1.4E-02	3.8E-13	3.3E+00	6.0E-07	6.1E-04	1.2E-09	4.7E-02	1.4E-02	7.7E-13
5.0E+00	1.9E-07	6.1E-04	5.7E-10	4.7E-02	1.4E-02	3.7E-13	3.3E+00	6.0E-07	6.1E-04	1.2E-09	4.7E-02	1.4E-02	7.7E-13
4.6E+01	1.9E-07	6.1E-04	5.2E-09	4.7E-02	1.4E-02	3.4E-12	1.9E+01	6.0E-07	6.1E-04	6.9E-09	4.7E-02	1.4E-02	4.5E-12
3.7E+01	1.9E-07	6.1E-04	4.2E-09	4.7E-02	1.4E-02	2.7E-12	1.5E+01	6.0E-07	6.1E-04	5.5E-09	4.7E-02	1.4E-02	3.5E-12
2.9E+01	1.9E-07	6.1E-04	3.3E-09	4.7E-02	1.4E-02	2.1E-12	1.5E+01	6.0E-07	6.1E-04	5.3E-09	4.7E-02	1.4E-02	3.4E-12
2.3E+01	1.9E-07	6.1E-04	2.7E-09	4.7E-02	1.4E-02	1.7E-12	1.4E+01	6.0E-07	6.1E-04	5.0E-09	4.7E-02	1.4E-02	3.2E-12
2.9E+01	1.9E-07	6.1E-04	3.3E-09	4.7E-02	1.4E-02	2.2E-12	1.2E+01	6.0E-07	6.1E-04	4.4E-09	4.7E-02	1.4E-02	2.9E-12
2.4E+01	1.9E-07	6.1E-04	2.7E-09	4.7E-02	1.4E-02	1.8E-12	1.2E+01	6.0E-07	6.1E-04	4.3E-09	4.7E-02	1.4E-02	2.8E-12
2.0E+01	1.9E-07	6.1E-04	2.3E-09	4.7E-02	1.4E-02	1.5E-12	1.1E+01	6.0E-07	6.1E-04	4.2E-09	4.7E-02	1.4E-02	2.7E-12
0.0E+00	1.9E-07	6.1E-04	0.0E+00	4.7E-02	1.4E-02	0.0E+00	0.0E+00	6.0E-07	6.1E-04	0.0E+00	4.7E-02	1.4E-02	0.0E+00

Franklin School Project

Risk From New Building Demo (Port. 1,3,4) - Unmitigated School

Haul Route 1A							Haul Route 2A						
Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
9.9E+00	1.2E-06	6.1E-04	7.4E-09	4.7E-02	1.4E-02	4.8E-12	8.5E-01	1.3E-07	6.1E-04	6.8E-11	4.7E-02	1.4E-02	4.4E-14
9.6E+00	1.2E-06	6.1E-04	7.2E-09	4.7E-02	1.4E-02	4.6E-12	8.3E-01	1.3E-07	6.1E-04	6.7E-11	4.7E-02	1.4E-02	4.3E-14
8.4E+00	1.2E-06	6.1E-04	6.3E-09	4.7E-02	1.4E-02	4.0E-12	8.2E-01	1.3E-07	6.1E-04	6.5E-11	4.7E-02	1.4E-02	4.2E-14
8.2E+00	1.2E-06	6.1E-04	6.1E-09	4.7E-02	1.4E-02	4.0E-12	8.0E-01	1.3E-07	6.1E-04	6.4E-11	4.7E-02	1.4E-02	4.1E-14
7.2E+00	1.2E-06	6.1E-04	5.4E-09	4.7E-02	1.4E-02	3.5E-12	7.8E-01	1.3E-07	6.1E-04	6.3E-11	4.7E-02	1.4E-02	4.1E-14
7.1E+00	1.2E-06	6.1E-04	5.3E-09	4.7E-02	1.4E-02	3.4E-12	7.7E-01	1.3E-07	6.1E-04	6.1E-11	4.7E-02	1.4E-02	4.0E-14
6.2E+00	1.2E-06	6.1E-04	4.6E-09	4.7E-02	1.4E-02	3.0E-12	7.5E-01	1.3E-07	6.1E-04	6.0E-11	4.7E-02	1.4E-02	3.9E-14
6.2E+00	1.2E-06	6.1E-04	4.6E-09	4.7E-02	1.4E-02	3.0E-12	7.4E-01	1.3E-07	6.1E-04	5.9E-11	4.7E-02	1.4E-02	3.8E-14
5.4E+00	1.2E-06	6.1E-04	4.1E-09	4.7E-02	1.4E-02	2.6E-12	7.2E-01	1.3E-07	6.1E-04	5.8E-11	4.7E-02	1.4E-02	3.7E-14
5.4E+00	1.2E-06	6.1E-04	4.0E-09	4.7E-02	1.4E-02	2.6E-12	7.1E-01	1.3E-07	6.1E-04	5.7E-11	4.7E-02	1.4E-02	3.7E-14
4.8E+00	1.2E-06	6.1E-04	3.6E-09	4.7E-02	1.4E-02	2.3E-12	7.0E-01	1.3E-07	6.1E-04	5.6E-11	4.7E-02	1.4E-02	3.6E-14
4.8E+00	1.2E-06	6.1E-04	3.6E-09	4.7E-02	1.4E-02	2.3E-12	6.8E-01	1.3E-07	6.1E-04	5.5E-11	4.7E-02	1.4E-02	3.5E-14
4.3E+00	1.2E-06	6.1E-04	3.2E-09	4.7E-02	1.4E-02	2.1E-12	6.7E-01	1.3E-07	6.1E-04	5.4E-11	4.7E-02	1.4E-02	3.5E-14
4.3E+00	1.2E-06	6.1E-04	3.2E-09	4.7E-02	1.4E-02	2.1E-12	6.6E-01	1.3E-07	6.1E-04	5.3E-11	4.7E-02	1.4E-02	3.4E-14
1.8E+01	1.2E-06	6.1E-04	1.3E-08	4.7E-02	1.4E-02	8.7E-12	1.0E+00	1.3E-07	6.1E-04	8.2E-11	4.7E-02	1.4E-02	5.3E-14
1.8E+01	1.2E-06	6.1E-04	1.4E-08	4.7E-02	1.4E-02	8.9E-12	1.0E+00	1.3E-07	6.1E-04	8.0E-11	4.7E-02	1.4E-02	5.2E-14
1.8E+01	1.2E-06	6.1E-04	1.4E-08	4.7E-02	1.4E-02	8.8E-12	9.8E-01	1.3E-07	6.1E-04	7.9E-11	4.7E-02	1.4E-02	5.1E-14
1.4E+01	1.2E-06	6.1E-04	1.1E-08	4.7E-02	1.4E-02	6.8E-12	9.8E-01	1.3E-07	6.1E-04	7.8E-11	4.7E-02	1.4E-02	5.1E-14
1.4E+01	1.2E-06	6.1E-04	1.1E-08	4.7E-02	1.4E-02	7.0E-12	9.6E-01	1.3E-07	6.1E-04	7.7E-11	4.7E-02	1.4E-02	5.0E-14
1.4E+01	1.2E-06	6.1E-04	1.1E-08	4.7E-02	1.4E-02	7.0E-12	9.4E-01	1.3E-07	6.1E-04	7.5E-11	4.7E-02	1.4E-02	4.9E-14
1.1E+01	1.2E-06	6.1E-04	8.5E-09	4.7E-02	1.4E-02	5.5E-12	9.4E-01	1.3E-07	6.1E-04	7.5E-11	4.7E-02	1.4E-02	4.8E-14
1.2E+01	1.2E-06	6.1E-04	8.7E-09	4.7E-02	1.4E-02	5.6E-12	9.2E-01	1.3E-07	6.1E-04	7.4E-11	4.7E-02	1.4E-02	4.8E-14
1.2E+01	1.2E-06	6.1E-04	8.8E-09	4.7E-02	1.4E-02	5.7E-12	9.0E-01	1.3E-07	6.1E-04	7.2E-11	4.7E-02	1.4E-02	4.7E-14
9.4E+00	1.2E-06	6.1E-04	7.0E-09	4.7E-02	1.4E-02	4.5E-12	9.0E-01	1.3E-07	6.1E-04	7.2E-11	4.7E-02	1.4E-02	4.6E-14
9.7E+00	1.2E-06	6.1E-04	7.2E-09	4.7E-02	1.4E-02	4.6E-12	8.8E-01	1.3E-07	6.1E-04	7.0E-11	4.7E-02	1.4E-02	4.5E-14
9.7E+00	1.2E-06	6.1E-04	7.2E-09	4.7E-02	1.4E-02	4.7E-12	8.6E-01	1.3E-07	6.1E-04	6.9E-11	4.7E-02	1.4E-02	4.5E-14
7.9E+00	1.2E-06	6.1E-04	5.9E-09	4.7E-02	1.4E-02	3.8E-12	8.6E-01	1.3E-07	6.1E-04	6.9E-11	4.7E-02	1.4E-02	4.4E-14
8.1E+00	1.2E-06	6.1E-04	6.0E-09	4.7E-02	1.4E-02	3.9E-12	8.4E-01	1.3E-07	6.1E-04	6.7E-11	4.7E-02	1.4E-02	4.4E-14
8.2E+00	1.2E-06	6.1E-04	6.1E-09	4.7E-02	1.4E-02	3.9E-12	8.3E-01	1.3E-07	6.1E-04	6.6E-11	4.7E-02	1.4E-02	4.3E-14
7.0E+00	1.2E-06	6.1E-04	5.2E-09	4.7E-02	1.4E-02	3.3E-12	8.3E-01	1.3E-07	6.1E-04	6.6E-11	4.7E-02	1.4E-02	4.3E-14
7.1E+00	1.2E-06	6.1E-04	5.3E-09	4.7E-02	1.4E-02	3.4E-12	8.1E-01	1.3E-07	6.1E-04	6.5E-11	4.7E-02	1.4E-02	4.2E-14
7.2E+00	1.2E-06	6.1E-04	5.4E-09	4.7E-02	1.4E-02	3.5E-12	8.0E-01	1.3E-07	6.1E-04	6.4E-11	4.7E-02	1.4E-02	4.1E-14
6.0E+00	1.2E-06	6.1E-04	4.5E-09	4.7E-02	1.4E-02	2.9E-12	7.9E-01	1.3E-07	6.1E-04	6.4E-11	4.7E-02	1.4E-02	4.1E-14
6.1E+00	1.2E-06	6.1E-04	4.6E-09	4.7E-02	1.4E-02	3.0E-12	7.8E-01	1.3E-07	6.1E-04	6.3E-11	4.7E-02	1.4E-02	4.0E-14
6.2E+00	1.2E-06	6.1E-04	4.6E-09	4.7E-02	1.4E-02	3.0E-12	7.7E-01	1.3E-07	6.1E-04	6.2E-11	4.7E-02	1.4E-02	4.0E-14
5.2E+00	1.2E-06	6.1E-04	3.9E-09	4.7E-02	1.4E-02	2.5E-12	7.6E-01	1.3E-07	6.1E-04	6.1E-11	4.7E-02	1.4E-02	3.9E-14
5.4E+00	1.2E-06	6.1E-04	4.0E-09	4.7E-02	1.4E-02	2.6E-12	7.5E-01	1.3E-07	6.1E-04	6.0E-11	4.7E-02	1.4E-02	3.9E-14
5.4E+00	1.2E-06	6.1E-04	4.0E-09	4.7E-02	1.4E-02	2.6E-12	7.4E-01	1.3E-07	6.1E-04	5.9E-11	4.7E-02	1.4E-02	3.8E-14
4.6E+00	1.2E-06	6.1E-04	3.4E-09	4.7E-02	1.4E-02	2.2E-12	7.3E-01	1.3E-07	6.1E-04	5.9E-11	4.7E-02	1.4E-02	3.8E-14

4.7E+00	1.2E-06	6.1E-04	3.5E-09	4.7E-02	1.4E-02	2.3E-12	7.2E-01	1.3E-07	6.1E-04	5.8E-11	4.7E-02	1.4E-02	3.7E-14
4.8E+00	1.2E-06	6.1E-04	3.6E-09	4.7E-02	1.4E-02	2.3E-12	7.1E-01	1.3E-07	6.1E-04	5.7E-11	4.7E-02	1.4E-02	3.7E-14
4.1E+00	1.2E-06	6.1E-04	3.0E-09	4.7E-02	1.4E-02	2.0E-12	7.0E-01	1.3E-07	6.1E-04	5.6E-11	4.7E-02	1.4E-02	3.6E-14
4.2E+00	1.2E-06	6.1E-04	3.1E-09	4.7E-02	1.4E-02	2.0E-12	6.9E-01	1.3E-07	6.1E-04	5.6E-11	4.7E-02	1.4E-02	3.6E-14
4.2E+00	1.2E-06	6.1E-04	3.2E-09	4.7E-02	1.4E-02	2.0E-12	6.8E-01	1.3E-07	6.1E-04	5.5E-11	4.7E-02	1.4E-02	3.5E-14
3.9E+00	1.2E-06	6.1E-04	2.9E-09	4.7E-02	1.4E-02	1.9E-12	6.9E-01	1.3E-07	6.1E-04	5.5E-11	4.7E-02	1.4E-02	3.6E-14
4.0E+00	1.2E-06	6.1E-04	3.0E-09	4.7E-02	1.4E-02	1.9E-12	6.8E-01	1.3E-07	6.1E-04	5.5E-11	4.7E-02	1.4E-02	3.5E-14
4.1E+00	1.2E-06	6.1E-04	3.0E-09	4.7E-02	1.4E-02	2.0E-12	6.7E-01	1.3E-07	6.1E-04	5.4E-11	4.7E-02	1.4E-02	3.5E-14
4.1E+00	1.2E-06	6.1E-04	3.0E-09	4.7E-02	1.4E-02	2.0E-12	6.6E-01	1.3E-07	6.1E-04	5.3E-11	4.7E-02	1.4E-02	3.4E-14
4.1E+00	1.2E-06	6.1E-04	3.0E-09	4.7E-02	1.4E-02	2.0E-12	6.5E-01	1.3E-07	6.1E-04	5.2E-11	4.7E-02	1.4E-02	3.4E-14
3.5E+00	1.2E-06	6.1E-04	2.6E-09	4.7E-02	1.4E-02	1.7E-12	6.6E-01	1.3E-07	6.1E-04	5.3E-11	4.7E-02	1.4E-02	3.4E-14
3.6E+00	1.2E-06	6.1E-04	2.7E-09	4.7E-02	1.4E-02	1.7E-12	6.5E-01	1.3E-07	6.1E-04	5.2E-11	4.7E-02	1.4E-02	3.4E-14
3.6E+00	1.2E-06	6.1E-04	2.7E-09	4.7E-02	1.4E-02	1.7E-12	6.5E-01	1.3E-07	6.1E-04	5.2E-11	4.7E-02	1.4E-02	3.3E-14
3.7E+00	1.2E-06	6.1E-04	2.7E-09	4.7E-02	1.4E-02	1.8E-12	6.4E-01	1.3E-07	6.1E-04	5.1E-11	4.7E-02	1.4E-02	3.3E-14
3.7E+00	1.2E-06	6.1E-04	2.7E-09	4.7E-02	1.4E-02	1.8E-12	6.2E-01	1.3E-07	6.1E-04	5.0E-11	4.7E-02	1.4E-02	3.2E-14
3.2E+00	1.2E-06	6.1E-04	2.4E-09	4.7E-02	1.4E-02	1.5E-12	6.4E-01	1.3E-07	6.1E-04	5.1E-11	4.7E-02	1.4E-02	3.3E-14
3.2E+00	1.2E-06	6.1E-04	2.4E-09	4.7E-02	1.4E-02	1.6E-12	6.3E-01	1.3E-07	6.1E-04	5.1E-11	4.7E-02	1.4E-02	3.3E-14
3.3E+00	1.2E-06	6.1E-04	2.4E-09	4.7E-02	1.4E-02	1.6E-12	6.2E-01	1.3E-07	6.1E-04	5.0E-11	4.7E-02	1.4E-02	3.2E-14
3.3E+00	1.2E-06	6.1E-04	2.5E-09	4.7E-02	1.4E-02	1.6E-12	6.1E-01	1.3E-07	6.1E-04	4.9E-11	4.7E-02	1.4E-02	3.2E-14
3.3E+00	1.2E-06	6.1E-04	2.5E-09	4.7E-02	1.4E-02	1.6E-12	6.0E-01	1.3E-07	6.1E-04	4.8E-11	4.7E-02	1.4E-02	3.1E-14
1.9E+01	1.2E-06	6.1E-04	1.4E-08	4.7E-02	1.4E-02	9.2E-12	9.9E-01	1.3E-07	6.1E-04	7.9E-11	4.7E-02	1.4E-02	5.1E-14
1.5E+01	1.2E-06	6.1E-04	1.1E-08	4.7E-02	1.4E-02	7.3E-12	9.4E-01	1.3E-07	6.1E-04	7.6E-11	4.7E-02	1.4E-02	4.9E-14
1.5E+01	1.2E-06	6.1E-04	1.1E-08	4.7E-02	1.4E-02	7.0E-12	9.2E-01	1.3E-07	6.1E-04	7.4E-11	4.7E-02	1.4E-02	4.8E-14
1.4E+01	1.2E-06	6.1E-04	1.0E-08	4.7E-02	1.4E-02	6.7E-12	9.0E-01	1.3E-07	6.1E-04	7.2E-11	4.7E-02	1.4E-02	4.7E-14
1.2E+01	1.2E-06	6.1E-04	9.1E-09	4.7E-02	1.4E-02	5.9E-12	9.0E-01	1.3E-07	6.1E-04	7.2E-11	4.7E-02	1.4E-02	4.7E-14
1.2E+01	1.2E-06	6.1E-04	8.9E-09	4.7E-02	1.4E-02	5.7E-12	8.8E-01	1.3E-07	6.1E-04	7.1E-11	4.7E-02	1.4E-02	4.6E-14
1.1E+01	1.2E-06	6.1E-04	8.5E-09	4.7E-02	1.4E-02	5.5E-12	8.6E-01	1.3E-07	6.1E-04	6.9E-11	4.7E-02	1.4E-02	4.5E-14
0.0E+00	1.2E-06	6.1E-04	0.0E+00	4.7E-02	1.4E-02	0.0E+00	0.0E+00	1.3E-07	6.1E-04	0.0E+00	4.7E-02	1.4E-02	0.0E+00

7. Construction Health Risk
e. Mitigated Residential Risk

Construction Health Risk
Mitigated Residential - Assumptions and Risk Summary

Franklin School Project

Mitigated Residential - Construction Health Risk Assumptions

	3rd	0-2	2-16	>16	Units
DBR	361	1090	631	261	L/kg
A	1	1	1	1	no units
EF	0.95890411	0.958904	0.958904	0.958904	years
Constant 1	0.000001	0.000001	0.000001	0.000001	no units
CPF	1.1	1.1	1.1	1.1	mg/kg-day-1
ASF	10	10	3	1	no units
Modernization Const	0.00	0.668	0.00	0.00	years
Modernization AC	0.00	0.274	0.00	0.00	years
Portable Set-up	0.00	0.038	0.00	0.00	years
New Building Demo	0.00	0.055	0.00	0.00	years
New Building Grading	0.00	0.014	0.00	0.00	years
New Building Const	0.00	0.548	0.00	0.00	years
New Building AC	0.00	0.027	0.00	0.00	years
New Building Paving	0.00	0.027	0.00	0.00	years
New Building Demo (Port. 2)	0.00	0.005	0.00	0.00	years
New Building Demo (Port. 1,3,4)	0.00	0.014	0.00	0.00	years
AT	70	70	70	70	years
FAH	1	1	1	0.73	day
Constant 2	1,000,000	1,000,000	1,000,000	1,000,000	no units
Dose Constants:	0.00034616	0.001045	0.000605	0.00025	no units
Risk Constants:	0.15714286	0.157143	0.047143	0.011471	no units

Dose = (Cair X DBR X A X EF X Constant 1)

Cancer Risk = Dose X CPF x ASF x (ED/AT) X FAH

Risk per Million = Cancer Risk X Constant 2

Non-Cancer Hazard Quotent = Average Annual Concentration x Chronic Inhalation REL

Onsite	lbs/day	g/day	g/sec
	Birth to 2 years		
Modernization Const	0.0335	15.195344	0.0003517
Modernization AC	0.0143	6.4863709	0.0001501
Portable Set-up	0	0	0
New Building Demo	0.1077	48.851898	0.0011308
New Building Grading	0.0466	21.137404	0.0004893
New Building Const	0.0823	37.330652	0.0008641
New Building AC	0.0143	6.4863709	0.0001501
New Building Paving	0.0687	31.161796	0.0007213
New Building Demo (Port. 2)	0.0713	32.341136	0.0007486
New Building Demo (Port. 1,3,4)	0.0713	32.341136	0.0007486

Offsite

	Source	Miles	lbs/day	g/day	gr/sec
Mod - Building					
	Haul 1A	0.04256385	2.3323E-05	0.010579	2.45E-07
	Haul 2A	0.13434019	7.3611E-05	0.0333894	7.73E-07
	Haul B	0.27576401	0.0001511	0.0685394	1.59E-06
	Haul C	0.02963935	1.6241E-05	0.0073667	1.71E-07
NB - BC					
	Haul 1A	0.04256385	7.5799E-05	0.0343817	7.96E-07
	Haul 2A	0.13434019	0.00023924	0.1085156	2.51E-06
	Haul B	0.27576401	0.00049109	0.2227531	5.16E-06
	Haul C	0.02963935	5.2782E-05	0.0239417	5.54E-07
Portable Classrooms					
	Haul 1A	0.04256385	1.8111E-05	0.008215	1.9E-07
	Haul 2A	0.13434019	5.7162E-05	0.0259281	6E-07
	Haul B	0.27576401	0.00011734	0.0532234	1.23E-06
	Haul C	0.02963935	1.2612E-05	0.0057205	1.32E-07
NB - Demo					
	Haul 1A	0.04256385	0.00018728	0.0849492	1.97E-06
	Haul 2A	0.13434019	0.0005911	0.268117	6.21E-06
	Haul B	0.27576401	0.00121336	0.5503716	1.27E-05
	Haul C	0.02963935	0.00013041	0.0591544	1.37E-06
NB-Demo (Port. 2)					
	Haul 1A	0.04256385	1.8111E-05	0.008215	1.9E-07
	Haul 2A	0.13434019	5.7162E-05	0.0259281	6E-07
	Haul B	0.27576401	0.00011734	0.0532234	1.23E-06
	Haul C	0.02963935	1.2612E-05	0.0057205	1.32E-07
NB-Demo (Port. 1,3,4)					
	Haul 1A	0.04256385	1.8111E-05	0.008215	1.9E-07
	Haul 2A	0.13434019	5.7162E-05	0.0259281	6E-07
	Haul B	0.27576401	0.00011734	0.0532234	1.23E-06
	Haul C	0.02963935	1.2612E-05	0.0057205	1.32E-07

Franklin School Project

Mitigated Residential - Construction Health Risk Assumptions

Source Name	Description
Haul1A	Haul Route: Copeland from Site to Meade
HaulB	Haul Route: Copeland from Meade Ave to El Cajon Blvd
HaulC	Haul Route: El Cajon Blvd from Site to I-15
Haul2A	Haul Route: Maede form Site to Copeland
MOD	Modernization activities for Buildings 01-01, 02-02, and 02-03
NB1	New Building Demolition and Grading areas
NB2	Building Construction and Architectural Coating Areas
NB3	Paving areas

Construction activities can occur between 7 am and 7 pm Monday through Friday.

Receptor Designations

Residential #43 to 806

RES50 #1 to 272 - Residential receptors with 50 meter spacing

RES10 #273 to #806 - Residential receptors with 10 meter spacing

School

LL #807 to 820 - Onsite receptrs for the library and LLC building - Impacted by all phases

02-02 #821 to 835 - Onsite receptors for building 02-02. Impacted by all but 1/3 of Modernization.

01-01 #836 to 850 - Onsite receptors for building 01-01. Impacted by all but 1/3 of Modernization.

02-03 #851 to 865 - Onsite receptors for building 02-03. Impacted by all but 1/3 of Modernization.

Port #866 to 872 - Onsite receptors for portable buildings. Impacts vary by building

School receptors: Risk for onsite receptors is determined by conservately assuming that all onsite receptors are exposed for the duration of the construction project. However, because modernization requires painting and repairs to classrooms, it is anticipated that students sould be located in the portable classrooms during the time the reparis to their classrooms are occurring. As the portable classrooms are located on the other side of the campus from the new building construction (greatest risk source) risk to students would be similar or lower at the portable classrooms than they would in the library or building 02-03. Also, as a conservative estimate of onsite risk, the Assembly and Administrative building (building 02-03) is evaluated as if it were regular classrooms.

Franklin School Project
Mitigated Residential - Emissions

Onsite

Phase	Start	End	# days	lbs/day PM10	Source		
Mod - Building	1/1/2021	12/08/21	244	0.0335	MOD	Const. Hours	12
Mod - AC	06/01/21	10/18/21	100	0.0143	MOD		
Portable Classrooms	1/1/2021	1/20/2021	14	0.0000	-		
NB - Demo	01/21/19	02/17/21	20	0.1077	NB1		
NB - Grading	02/18/21	02/24/21	5	0.0466	NB1		
NB - BC	02/25/21	12/01/21	200	0.0823	NB2		
NB - AC	11/25/21	12/08/21	10	0.0143	NB2		
NB - Paving	11/25/21	12/08/21	10	0.0687	NB3		
NB-Demo (Port. 2)	12/09/21	12/11/21	2	0.0713	NB1		
NB-Demo (Port. 1,3,4)	12/13/21	12/17/21	5	0.0713	NB1		

Offsite

	Daily Vendor Trips	miles/trip	lbs/day	lbs/day/mile	Haul Trips	miles/trip	lbs/day	lbs/day/mile
Mod - Building	4	7.30	0.004	0.00054795	0	20.00		
Mod - AC	0	7.30			0	20.00		
Portable Classrooms	0	7.30			10	20.00	8.51E-03	0.000426
NB - Demo	0	7.30			205	20.00	0.088	0.004400
NB - Grading	0	7.30			0	20.00		
NB - BC	12	7.30	0.013	0.00178082	0	20.00		
NB - AC	0	7.30			0	20.00		
NB - Paving	0	7.30			0	20.00		
NB-Demo (Port. 2)	0	7.30			6	20.00	8.51E-03	0.000426
NB-Demo (Port. 1,3,4)	0	7.30			15	20.00	8.51E-03	0.000426

Source	Meters	Miles
Haul 1A	68.50	0.04
Haul 2A	216.20	0.13
Haul B	443.80	0.28
Haul C	47.70	0.03

Franklin School Project

Mitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
6.58	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
1	489960	3624026	0.03	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
2	490010	3624026	0.03	0.01	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
3	490060	3624026	0.03	0.01	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
4	490110	3624026	0.04	0.01	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
5	490160	3624026	0.04	0.01	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
6	490210	3624026	0.04	0.01	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
7	490260	3624026	0.05	0.01	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
8	490310	3624026	0.05	0.02	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
9	490360	3624026	0.05	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
10	490410	3624026	0.05	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
11	490460	3624026	0.06	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
12	490510	3624026	0.06	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
13	490560	3624026	0.06	0.02	0.00	0.00	0.01	0.00	0.03	0.00	0.00	0.00	0.00
14	490610	3624026	0.07	0.02	0.00	0.00	0.01	0.00	0.03	0.00	0.00	0.00	0.00
15	490660	3624026	0.07	0.02	0.00	0.00	0.01	0.00	0.03	0.00	0.00	0.00	0.00
16	490710	3624026	0.07	0.02	0.00	0.00	0.01	0.00	0.04	0.00	0.00	0.00	0.00
17	489960	3624076	0.03	0.01	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
18	490010	3624076	0.04	0.01	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
19	490060	3624076	0.04	0.01	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
20	490110	3624076	0.04	0.01	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
21	490160	3624076	0.05	0.02	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
22	490210	3624076	0.05	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
23	490260	3624076	0.06	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
24	490310	3624076	0.06	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
25	490360	3624076	0.06	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
26	490410	3624076	0.07	0.02	0.00	0.00	0.01	0.00	0.03	0.00	0.00	0.00	0.00
27	490460	3624076	0.07	0.02	0.00	0.00	0.01	0.00	0.04	0.00	0.00	0.00	0.00
28	490510	3624076	0.08	0.03	0.00	0.00	0.01	0.00	0.04	0.00	0.00	0.00	0.00
29	490560	3624076	0.08	0.03	0.00	0.00	0.01	0.00	0.04	0.00	0.00	0.00	0.00
30	490610	3624076	0.09	0.03	0.00	0.00	0.01	0.00	0.04	0.00	0.00	0.00	0.00
31	490660	3624076	0.09	0.03	0.00	0.00	0.01	0.00	0.04	0.00	0.00	0.00	0.00
32	490710	3624076	0.09	0.03	0.00	0.00	0.01	0.00	0.04	0.00	0.00	0.00	0.00
33	489960	3624126	0.04	0.01	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
34	490010	3624126	0.04	0.01	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
35	490060	3624126	0.05	0.02	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
36	490110	3624126	0.05	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
37	490160	3624126	0.06	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
38	490210	3624126	0.07	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
39	490260	3624126	0.07	0.03	0.00	0.00	0.01	0.00	0.03	0.00	0.00	0.00	0.00
40	490310	3624126	0.08	0.03	0.00	0.00	0.01	0.00	0.04	0.00	0.00	0.00	0.00
41	490360	3624126	0.08	0.03	0.00	0.00	0.01	0.00	0.04	0.00	0.00	0.00	0.00
42	490410	3624126	0.09	0.03	0.01	0.00	0.01	0.00	0.04	0.00	0.00	0.00	0.00
43	490460	3624126	0.10	0.03	0.01	0.00	0.01	0.00	0.05	0.00	0.00	0.00	0.00
44	490510	3624126	0.10	0.03	0.01	0.00	0.01	0.00	0.05	0.00	0.00	0.00	0.00

Franklin School Project

Mitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
6.58	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
45	490560	3624126	0.11	0.03	0.01	0.00	0.01	0.00	0.05	0.00	0.00	0.00	0.00
46	490610	3624126	0.11	0.03	0.01	0.00	0.01	0.00	0.05	0.00	0.00	0.00	0.00
47	490660	3624126	0.11	0.03	0.01	0.00	0.01	0.00	0.06	0.00	0.00	0.00	0.00
48	490710	3624126	0.11	0.03	0.01	0.00	0.01	0.00	0.06	0.00	0.00	0.00	0.00
49	489960	3624176	0.04	0.01	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
50	490010	3624176	0.05	0.02	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
51	490060	3624176	0.05	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
52	490110	3624176	0.06	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
53	490160	3624176	0.07	0.03	0.00	0.00	0.01	0.00	0.03	0.00	0.00	0.00	0.00
54	490210	3624176	0.08	0.03	0.00	0.00	0.01	0.00	0.04	0.00	0.00	0.00	0.00
55	490260	3624176	0.09	0.03	0.01	0.00	0.01	0.00	0.04	0.00	0.00	0.00	0.00
56	490310	3624176	0.10	0.04	0.01	0.00	0.01	0.00	0.05	0.00	0.00	0.00	0.00
57	490360	3624176	0.11	0.04	0.01	0.00	0.01	0.00	0.05	0.00	0.00	0.00	0.00
58	490410	3624176	0.12	0.04	0.01	0.00	0.01	0.00	0.06	0.00	0.00	0.00	0.00
59	490460	3624176	0.13	0.05	0.01	0.00	0.01	0.00	0.06	0.00	0.00	0.00	0.00
60	490510	3624176	0.14	0.05	0.01	0.00	0.01	0.00	0.07	0.00	0.00	0.00	0.00
61	490560	3624176	0.14	0.05	0.01	0.00	0.01	0.00	0.07	0.00	0.00	0.00	0.00
62	490610	3624176	0.14	0.04	0.01	0.00	0.01	0.00	0.07	0.00	0.00	0.00	0.00
63	490660	3624176	0.14	0.04	0.01	0.00	0.01	0.00	0.07	0.00	0.00	0.00	0.00
64	490710	3624176	0.13	0.04	0.01	0.00	0.01	0.00	0.07	0.00	0.00	0.00	0.00
65	489960	3624226	0.05	0.02	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
66	490010	3624226	0.05	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
67	490060	3624226	0.07	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
68	490110	3624226	0.08	0.03	0.00	0.00	0.01	0.00	0.04	0.00	0.00	0.00	0.00
69	490160	3624226	0.09	0.03	0.01	0.00	0.01	0.00	0.04	0.00	0.00	0.00	0.00
70	490210	3624226	0.11	0.04	0.01	0.00	0.01	0.00	0.05	0.00	0.00	0.00	0.00
71	490260	3624226	0.13	0.05	0.01	0.00	0.01	0.00	0.06	0.00	0.00	0.00	0.00
72	490310	3624226	0.14	0.05	0.01	0.00	0.01	0.00	0.06	0.00	0.00	0.00	0.00
73	490360	3624226	0.16	0.06	0.01	0.00	0.01	0.00	0.07	0.00	0.00	0.00	0.00
74	490410	3624226	0.18	0.06	0.01	0.00	0.01	0.00	0.08	0.00	0.00	0.00	0.00
75	490460	3624226	0.19	0.07	0.01	0.00	0.02	0.00	0.09	0.00	0.01	0.00	0.00
76	490510	3624226	0.20	0.06	0.01	0.00	0.02	0.00	0.09	0.00	0.01	0.00	0.00
77	490560	3624226	0.19	0.06	0.01	0.00	0.02	0.00	0.10	0.00	0.01	0.00	0.00
78	490610	3624226	0.19	0.05	0.01	0.00	0.02	0.00	0.10	0.00	0.00	0.00	0.00
79	490660	3624226	0.17	0.05	0.01	0.00	0.01	0.00	0.09	0.00	0.00	0.00	0.00
80	490710	3624226	0.16	0.04	0.01	0.00	0.01	0.00	0.09	0.00	0.00	0.00	0.00
81	489960	3624276	0.05	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
82	490010	3624276	0.06	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
83	490060	3624276	0.08	0.03	0.00	0.00	0.01	0.00	0.04	0.00	0.00	0.00	0.00
84	490110	3624276	0.10	0.04	0.01	0.00	0.01	0.00	0.04	0.00	0.00	0.00	0.00
85	490160	3624276	0.12	0.05	0.01	0.00	0.01	0.00	0.05	0.00	0.00	0.00	0.00
86	490210	3624276	0.15	0.06	0.01	0.00	0.01	0.00	0.06	0.00	0.00	0.00	0.00
87	490260	3624276	0.19	0.07	0.01	0.00	0.01	0.00	0.08	0.00	0.00	0.00	0.00
88	490310	3624276	0.22	0.08	0.01	0.00	0.02	0.00	0.09	0.00	0.01	0.00	0.00

Franklin School Project

Mitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
6.58	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
89	490360	3624276	0.25	0.09	0.02	0.00	0.02	0.00	0.10	0.00	0.01	0.00	0.00
90	490410	3624276	0.27	0.10	0.02	0.00	0.02	0.00	0.12	0.00	0.01	0.00	0.00
91	490460	3624276	0.28	0.10	0.02	0.00	0.03	0.00	0.13	0.00	0.01	0.00	0.00
92	490510	3624276	0.28	0.09	0.02	0.00	0.02	0.00	0.14	0.00	0.01	0.00	0.00
93	490560	3624276	0.27	0.08	0.01	0.00	0.02	0.00	0.14	0.00	0.01	0.00	0.00
94	490610	3624276	0.24	0.06	0.01	0.00	0.02	0.00	0.13	0.00	0.01	0.00	0.00
95	490660	3624276	0.21	0.05	0.01	0.00	0.02	0.00	0.12	0.00	0.01	0.00	0.00
96	490710	3624276	0.18	0.05	0.01	0.00	0.01	0.00	0.10	0.00	0.00	0.00	0.00
97	489960	3624326	0.06	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
98	490010	3624326	0.07	0.03	0.00	0.00	0.01	0.00	0.03	0.00	0.00	0.00	0.00
99	490060	3624326	0.09	0.03	0.01	0.00	0.01	0.00	0.04	0.00	0.00	0.00	0.00
100	490110	3624326	0.12	0.05	0.01	0.00	0.01	0.00	0.05	0.00	0.00	0.00	0.00
101	490160	3624326	0.16	0.06	0.01	0.00	0.01	0.00	0.07	0.00	0.00	0.00	0.00
102	490210	3624326	0.22	0.09	0.02	0.00	0.02	0.00	0.09	0.00	0.01	0.00	0.00
103	490260	3624326	0.32	0.12	0.02	0.00	0.03	0.00	0.14	0.00	0.01	0.00	0.00
104	490310	3624326	0.40	0.15	0.03	0.00	0.04	0.00	0.16	0.00	0.01	0.00	0.00
105	490360	3624326	0.43	0.17	0.03	0.00	0.04	0.00	0.16	0.00	0.01	0.00	0.01
106	490410	3624326	0.45	0.16	0.03	0.00	0.04	0.00	0.19	0.00	0.01	0.00	0.01
107	490460	3624326	0.44	0.14	0.02	0.00	0.04	0.00	0.20	0.00	0.01	0.00	0.01
108	490510	3624326	0.41	0.12	0.02	0.00	0.04	0.00	0.21	0.00	0.01	0.00	0.01
109	490560	3624326	0.36	0.09	0.02	0.00	0.03	0.00	0.20	0.00	0.01	0.00	0.01
110	490610	3624326	0.30	0.07	0.01	0.00	0.02	0.00	0.17	0.00	0.01	0.00	0.00
111	490660	3624326	0.25	0.06	0.01	0.00	0.02	0.00	0.15	0.00	0.01	0.00	0.00
112	490710	3624326	0.20	0.05	0.01	0.00	0.02	0.00	0.12	0.00	0.00	0.00	0.00
113	489960	3624376	0.06	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
114	490010	3624376	0.08	0.03	0.01	0.00	0.01	0.00	0.04	0.00	0.00	0.00	0.00
115	490060	3624376	0.11	0.04	0.01	0.00	0.01	0.00	0.05	0.00	0.00	0.00	0.00
116	490110	3624376	0.15	0.06	0.01	0.00	0.01	0.00	0.06	0.00	0.00	0.00	0.00
117	490160	3624376	0.22	0.09	0.02	0.00	0.01	0.00	0.09	0.00	0.00	0.00	0.00
118	490410	3624376	0.79	0.27	0.05	0.00	0.09	0.01	0.34	0.00	0.03	0.01	0.01
119	490460	3624376	0.70	0.19	0.03	0.00	0.07	0.01	0.36	0.00	0.02	0.00	0.01
120	490510	3624376	0.58	0.14	0.02	0.00	0.05	0.01	0.33	0.00	0.02	0.00	0.01
121	490560	3624376	0.46	0.10	0.02	0.00	0.04	0.00	0.27	0.00	0.01	0.00	0.01
122	490610	3624376	0.36	0.08	0.01	0.00	0.03	0.00	0.21	0.00	0.01	0.00	0.00
123	490660	3624376	0.28	0.06	0.01	0.00	0.02	0.00	0.17	0.00	0.01	0.00	0.00
124	490710	3624376	0.22	0.05	0.01	0.00	0.02	0.00	0.13	0.00	0.01	0.00	0.00
125	489960	3624426	0.07	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
126	490010	3624426	0.09	0.03	0.01	0.00	0.01	0.00	0.04	0.00	0.00	0.00	0.00
127	490060	3624426	0.12	0.05	0.01	0.00	0.01	0.00	0.05	0.00	0.00	0.00	0.00
128	490110	3624426	0.18	0.07	0.01	0.00	0.01	0.00	0.07	0.00	0.00	0.00	0.00
129	490160	3624426	0.28	0.13	0.02	0.00	0.02	0.00	0.10	0.00	0.01	0.00	0.00
130	490410	3624426	1.46	0.37	0.07	0.00	0.17	0.02	0.73	0.01	0.05	0.01	0.03
131	490460	3624426	1.10	0.23	0.04	0.00	0.10	0.01	0.65	0.01	0.03	0.01	0.02
132	490510	3624426	0.77	0.15	0.03	0.00	0.06	0.01	0.48	0.00	0.02	0.00	0.01

Franklin School Project

Mitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
6.58	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
133	490560	3624426	0.54	0.11	0.02	0.00	0.04	0.00	0.34	0.00	0.01	0.00	0.01
134	490610	3624426	0.39	0.08	0.01	0.00	0.03	0.00	0.25	0.00	0.01	0.00	0.00
135	490660	3624426	0.29	0.06	0.01	0.00	0.02	0.00	0.18	0.00	0.01	0.00	0.00
136	490710	3624426	0.22	0.04	0.01	0.00	0.02	0.00	0.14	0.00	0.00	0.00	0.00
137	489960	3624476	0.07	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
138	490010	3624476	0.09	0.03	0.01	0.00	0.01	0.00	0.04	0.00	0.00	0.00	0.00
139	490060	3624476	0.13	0.05	0.01	0.00	0.01	0.00	0.06	0.00	0.00	0.00	0.00
140	490110	3624476	0.20	0.08	0.01	0.00	0.01	0.00	0.08	0.00	0.00	0.00	0.00
141	490160	3624476	0.32	0.14	0.03	0.00	0.02	0.00	0.12	0.00	0.01	0.00	0.00
142	490410	3624476	2.72	0.40	0.07	0.00	0.26	0.03	1.81	0.02	0.07	0.02	0.04
143	490460	3624476	1.52	0.22	0.04	0.00	0.12	0.01	1.05	0.01	0.04	0.01	0.02
144	490510	3624476	0.88	0.14	0.02	0.00	0.07	0.01	0.60	0.01	0.02	0.00	0.01
145	490560	3624476	0.57	0.10	0.02	0.00	0.04	0.00	0.38	0.00	0.01	0.00	0.01
146	490610	3624476	0.38	0.07	0.01	0.00	0.03	0.00	0.25	0.00	0.01	0.00	0.00
147	490660	3624476	0.27	0.05	0.01	0.00	0.02	0.00	0.17	0.00	0.01	0.00	0.00
148	490710	3624476	0.20	0.04	0.01	0.00	0.01	0.00	0.13	0.00	0.00	0.00	0.00
149	489960	3624526	0.07	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
150	490010	3624526	0.09	0.03	0.01	0.00	0.01	0.00	0.04	0.00	0.00	0.00	0.00
151	490060	3624526	0.13	0.05	0.01	0.00	0.01	0.00	0.06	0.00	0.00	0.00	0.00
152	490110	3624526	0.19	0.08	0.01	0.00	0.01	0.00	0.08	0.00	0.00	0.00	0.00
153	490160	3624526	0.32	0.14	0.02	0.00	0.02	0.00	0.13	0.00	0.01	0.00	0.00
154	490410	3624526	5.45	0.36	0.06	0.00	0.39	0.04	4.35	0.04	0.11	0.03	0.06
155	490460	3624526	1.61	0.19	0.03	0.00	0.12	0.01	1.19	0.01	0.03	0.01	0.02
156	490510	3624526	0.78	0.12	0.02	0.00	0.06	0.01	0.55	0.00	0.02	0.00	0.01
157	490560	3624526	0.50	0.08	0.01	0.00	0.04	0.00	0.34	0.00	0.01	0.00	0.01
158	490610	3624526	0.33	0.06	0.01	0.00	0.02	0.00	0.22	0.00	0.01	0.00	0.00
159	490660	3624526	0.23	0.05	0.01	0.00	0.02	0.00	0.15	0.00	0.01	0.00	0.00
160	490710	3624526	0.17	0.04	0.01	0.00	0.01	0.00	0.11	0.00	0.00	0.00	0.00
161	489960	3624576	0.06	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
162	490010	3624576	0.09	0.03	0.01	0.00	0.01	0.00	0.04	0.00	0.00	0.00	0.00
163	490060	3624576	0.12	0.04	0.01	0.00	0.01	0.00	0.05	0.00	0.00	0.00	0.00
164	490110	3624576	0.18	0.07	0.01	0.00	0.01	0.00	0.08	0.00	0.00	0.00	0.00
165	490160	3624576	0.29	0.11	0.02	0.00	0.02	0.00	0.13	0.00	0.01	0.00	0.00
166	490210	3624576	0.55	0.24	0.04	0.00	0.03	0.00	0.22	0.00	0.01	0.00	0.00
167	490260	3624576	1.29	0.60	0.10	0.00	0.06	0.01	0.49	0.00	0.02	0.00	0.01
168	490310	3624576	3.03	0.90	0.16	0.00	0.15	0.02	1.70	0.01	0.05	0.01	0.03
169	490360	3624576	4.50	0.47	0.08	0.00	0.25	0.03	3.51	0.03	0.07	0.02	0.04
170	490410	3624576	2.52	0.25	0.04	0.00	0.16	0.02	1.95	0.02	0.05	0.01	0.03
171	490460	3624576	1.14	0.15	0.03	0.00	0.08	0.01	0.83	0.01	0.02	0.01	0.01
172	490510	3624576	0.57	0.09	0.02	0.00	0.04	0.00	0.40	0.00	0.01	0.00	0.01
173	490560	3624576	0.37	0.06	0.01	0.00	0.03	0.00	0.25	0.00	0.01	0.00	0.00
174	490610	3624576	0.27	0.05	0.01	0.00	0.02	0.00	0.18	0.00	0.01	0.00	0.00
175	490660	3624576	0.20	0.04	0.01	0.00	0.01	0.00	0.13	0.00	0.00	0.00	0.00
176	490710	3624576	0.15	0.03	0.01	0.00	0.01	0.00	0.09	0.00	0.00	0.00	0.00

Franklin School Project

Mitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
6.58	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
177	489960	3624626	0.06	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
178	490010	3624626	0.08	0.03	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
179	490060	3624626	0.10	0.04	0.01	0.00	0.01	0.00	0.05	0.00	0.00	0.00	0.00
180	490110	3624626	0.15	0.05	0.01	0.00	0.01	0.00	0.07	0.00	0.00	0.00	0.00
181	490160	3624626	0.23	0.09	0.01	0.00	0.01	0.00	0.11	0.00	0.00	0.00	0.00
182	490210	3624626	0.38	0.14	0.02	0.00	0.02	0.00	0.18	0.00	0.01	0.00	0.00
183	490260	3624626	0.65	0.23	0.04	0.00	0.04	0.00	0.32	0.00	0.01	0.00	0.01
184	490310	3624626	1.06	0.29	0.05	0.00	0.06	0.01	0.61	0.01	0.02	0.00	0.01
185	490360	3624626	1.33	0.24	0.04	0.00	0.08	0.01	0.90	0.01	0.02	0.01	0.01
186	490410	3624626	1.09	0.16	0.03	0.00	0.07	0.01	0.78	0.01	0.02	0.00	0.01
187	490460	3624626	0.72	0.11	0.02	0.00	0.05	0.01	0.50	0.00	0.01	0.00	0.01
188	490510	3624626	0.46	0.08	0.01	0.00	0.03	0.00	0.31	0.00	0.01	0.00	0.01
189	490560	3624626	0.29	0.05	0.01	0.00	0.02	0.00	0.19	0.00	0.01	0.00	0.00
190	490610	3624626	0.22	0.04	0.01	0.00	0.02	0.00	0.14	0.00	0.00	0.00	0.00
191	490660	3624626	0.17	0.03	0.01	0.00	0.01	0.00	0.11	0.00	0.00	0.00	0.00
192	490710	3624626	0.13	0.03	0.00	0.00	0.01	0.00	0.08	0.00	0.00	0.00	0.00
193	489960	3624676	0.06	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
194	490010	3624676	0.07	0.02	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
195	490060	3624676	0.10	0.03	0.01	0.00	0.01	0.00	0.05	0.00	0.00	0.00	0.00
196	490110	3624676	0.13	0.04	0.01	0.00	0.01	0.00	0.06	0.00	0.00	0.00	0.00
197	490160	3624676	0.18	0.06	0.01	0.00	0.01	0.00	0.09	0.00	0.00	0.00	0.00
198	490210	3624676	0.26	0.09	0.02	0.00	0.02	0.00	0.13	0.00	0.01	0.00	0.00
199	490260	3624676	0.39	0.12	0.02	0.00	0.02	0.00	0.21	0.00	0.01	0.00	0.00
200	490310	3624676	0.54	0.15	0.03	0.00	0.03	0.00	0.31	0.00	0.01	0.00	0.01
201	490360	3624676	0.64	0.14	0.02	0.00	0.04	0.00	0.40	0.00	0.01	0.00	0.01
202	490410	3624676	0.58	0.11	0.02	0.00	0.04	0.00	0.39	0.00	0.01	0.00	0.01
203	490460	3624676	0.44	0.08	0.01	0.00	0.03	0.00	0.29	0.00	0.01	0.00	0.00
204	490510	3624676	0.33	0.06	0.01	0.00	0.02	0.00	0.22	0.00	0.01	0.00	0.00
205	490560	3624676	0.24	0.05	0.01	0.00	0.02	0.00	0.16	0.00	0.01	0.00	0.00
206	490610	3624676	0.17	0.04	0.01	0.00	0.01	0.00	0.11	0.00	0.00	0.00	0.00
207	490660	3624676	0.14	0.03	0.01	0.00	0.01	0.00	0.09	0.00	0.00	0.00	0.00
208	490710	3624676	0.11	0.02	0.00	0.00	0.01	0.00	0.07	0.00	0.00	0.00	0.00
209	489960	3624726	0.05	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
210	490010	3624726	0.07	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
211	490060	3624726	0.08	0.03	0.00	0.00	0.01	0.00	0.04	0.00	0.00	0.00	0.00
212	490110	3624726	0.11	0.03	0.01	0.00	0.01	0.00	0.05	0.00	0.00	0.00	0.00
213	490160	3624726	0.14	0.05	0.01	0.00	0.01	0.00	0.07	0.00	0.00	0.00	0.00
214	490210	3624726	0.19	0.06	0.01	0.00	0.01	0.00	0.10	0.00	0.00	0.00	0.00
215	490260	3624726	0.26	0.08	0.01	0.00	0.02	0.00	0.14	0.00	0.01	0.00	0.00
216	490310	3624726	0.33	0.09	0.02	0.00	0.02	0.00	0.19	0.00	0.01	0.00	0.00
217	490360	3624726	0.37	0.09	0.02	0.00	0.02	0.00	0.23	0.00	0.01	0.00	0.00
218	490410	3624726	0.36	0.08	0.01	0.00	0.02	0.00	0.23	0.00	0.01	0.00	0.00
219	490460	3624726	0.32	0.06	0.01	0.00	0.02	0.00	0.21	0.00	0.01	0.00	0.00
220	490510	3624726	0.26	0.05	0.01	0.00	0.02	0.00	0.17	0.00	0.01	0.00	0.00

Franklin School Project

Mitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
6.58	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
221	490560	3624726	0.21	0.04	0.01	0.00	0.01	0.00	0.13	0.00	0.00	0.00	0.00
222	490610	3624726	0.15	0.03	0.01	0.00	0.01	0.00	0.09	0.00	0.00	0.00	0.00
223	490660	3624726	0.12	0.03	0.00	0.00	0.01	0.00	0.07	0.00	0.00	0.00	0.00
224	490710	3624726	0.10	0.02	0.00	0.00	0.01	0.00	0.06	0.00	0.00	0.00	0.00
225	489960	3624776	0.05	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
226	490010	3624776	0.06	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
227	490060	3624776	0.07	0.02	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
228	490110	3624776	0.09	0.03	0.00	0.00	0.01	0.00	0.05	0.00	0.00	0.00	0.00
229	490160	3624776	0.11	0.04	0.01	0.00	0.01	0.00	0.06	0.00	0.00	0.00	0.00
230	490210	3624776	0.15	0.04	0.01	0.00	0.01	0.00	0.08	0.00	0.00	0.00	0.00
231	490260	3624776	0.19	0.05	0.01	0.00	0.01	0.00	0.10	0.00	0.00	0.00	0.00
232	490310	3624776	0.22	0.06	0.01	0.00	0.01	0.00	0.13	0.00	0.00	0.00	0.00
233	490360	3624776	0.25	0.06	0.01	0.00	0.02	0.00	0.15	0.00	0.00	0.00	0.00
234	490410	3624776	0.25	0.06	0.01	0.00	0.02	0.00	0.15	0.00	0.01	0.00	0.00
235	490460	3624776	0.23	0.05	0.01	0.00	0.02	0.00	0.15	0.00	0.00	0.00	0.00
236	490510	3624776	0.20	0.04	0.01	0.00	0.01	0.00	0.13	0.00	0.00	0.00	0.00
237	490560	3624776	0.17	0.04	0.01	0.00	0.01	0.00	0.11	0.00	0.00	0.00	0.00
238	490610	3624776	0.14	0.03	0.01	0.00	0.01	0.00	0.09	0.00	0.00	0.00	0.00
239	490660	3624776	0.10	0.02	0.00	0.00	0.01	0.00	0.06	0.00	0.00	0.00	0.00
240	490710	3624776	0.09	0.02	0.00	0.00	0.01	0.00	0.05	0.00	0.00	0.00	0.00
241	489960	3624826	0.04	0.01	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
242	490010	3624826	0.05	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
243	490060	3624826	0.06	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
244	490110	3624826	0.07	0.02	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
245	490160	3624826	0.09	0.03	0.00	0.00	0.01	0.00	0.05	0.00	0.00	0.00	0.00
246	490210	3624826	0.11	0.03	0.01	0.00	0.01	0.00	0.06	0.00	0.00	0.00	0.00
247	490260	3624826	0.14	0.04	0.01	0.00	0.01	0.00	0.08	0.00	0.00	0.00	0.00
248	490310	3624826	0.16	0.04	0.01	0.00	0.01	0.00	0.09	0.00	0.00	0.00	0.00
249	490360	3624826	0.18	0.04	0.01	0.00	0.01	0.00	0.10	0.00	0.00	0.00	0.00
250	490410	3624826	0.18	0.04	0.01	0.00	0.01	0.00	0.11	0.00	0.00	0.00	0.00
251	490460	3624826	0.17	0.04	0.01	0.00	0.01	0.00	0.11	0.00	0.00	0.00	0.00
252	490510	3624826	0.16	0.04	0.01	0.00	0.01	0.00	0.10	0.00	0.00	0.00	0.00
253	490560	3624826	0.14	0.03	0.01	0.00	0.01	0.00	0.09	0.00	0.00	0.00	0.00
254	490610	3624826	0.12	0.03	0.00	0.00	0.01	0.00	0.07	0.00	0.00	0.00	0.00
255	490660	3624826	0.10	0.02	0.00	0.00	0.01	0.00	0.06	0.00	0.00	0.00	0.00
256	490710	3624826	0.08	0.02	0.00	0.00	0.01	0.00	0.05	0.00	0.00	0.00	0.00
257	489960	3624876	0.04	0.01	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
258	490010	3624876	0.05	0.01	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
259	490060	3624876	0.05	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
260	490110	3624876	0.06	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
261	490160	3624876	0.08	0.02	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
262	490210	3624876	0.09	0.03	0.00	0.00	0.01	0.00	0.05	0.00	0.00	0.00	0.00
263	490260	3624876	0.11	0.03	0.01	0.00	0.01	0.00	0.06	0.00	0.00	0.00	0.00
264	490310	3624876	0.12	0.03	0.01	0.00	0.01	0.00	0.07	0.00	0.00	0.00	0.00

Franklin School Project

Mitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
6.58	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
265	490360	3624876	0.13	0.03	0.01	0.00	0.01	0.00	0.08	0.00	0.00	0.00	0.00
266	490410	3624876	0.14	0.03	0.01	0.00	0.01	0.00	0.08	0.00	0.00	0.00	0.00
267	490460	3624876	0.13	0.03	0.01	0.00	0.01	0.00	0.08	0.00	0.00	0.00	0.00
268	490510	3624876	0.12	0.03	0.01	0.00	0.01	0.00	0.08	0.00	0.00	0.00	0.00
269	490560	3624876	0.11	0.03	0.00	0.00	0.01	0.00	0.07	0.00	0.00	0.00	0.00
270	490610	3624876	0.10	0.02	0.00	0.00	0.01	0.00	0.06	0.00	0.00	0.00	0.00
271	490660	3624876	0.09	0.02	0.00	0.00	0.01	0.00	0.05	0.00	0.00	0.00	0.00
272	490710	3624876	0.07	0.02	0.00	0.00	0.01	0.00	0.04	0.00	0.00	0.00	0.00
273	490210	3624326	0.22	0.09	0.02	0.00	0.02	0.00	0.09	0.00	0.01	0.00	0.00
274	490220	3624326	0.24	0.10	0.02	0.00	0.02	0.00	0.10	0.00	0.01	0.00	0.00
275	490230	3624326	0.26	0.11	0.02	0.00	0.02	0.00	0.10	0.00	0.01	0.00	0.00
276	490240	3624326	0.28	0.11	0.02	0.00	0.02	0.00	0.11	0.00	0.01	0.00	0.00
277	490250	3624326	0.30	0.12	0.02	0.00	0.03	0.00	0.13	0.00	0.01	0.00	0.00
278	490260	3624326	0.32	0.12	0.02	0.00	0.03	0.00	0.14	0.00	0.01	0.00	0.00
279	490270	3624326	0.35	0.13	0.02	0.00	0.03	0.00	0.15	0.00	0.01	0.00	0.00
280	490280	3624326	0.37	0.14	0.02	0.00	0.03	0.00	0.15	0.00	0.01	0.00	0.00
281	490290	3624326	0.38	0.14	0.02	0.00	0.03	0.00	0.16	0.00	0.01	0.00	0.00
282	490300	3624326	0.39	0.15	0.02	0.00	0.04	0.00	0.16	0.00	0.01	0.00	0.00
283	490310	3624326	0.40	0.15	0.03	0.00	0.04	0.00	0.16	0.00	0.01	0.00	0.00
284	490320	3624326	0.40	0.16	0.03	0.00	0.04	0.00	0.16	0.00	0.01	0.00	0.00
285	490330	3624326	0.41	0.16	0.03	0.00	0.04	0.00	0.16	0.00	0.01	0.00	0.00
286	490340	3624326	0.41	0.17	0.03	0.00	0.04	0.00	0.16	0.00	0.01	0.00	0.01
287	490350	3624326	0.42	0.17	0.03	0.00	0.04	0.00	0.16	0.00	0.01	0.00	0.01
288	490360	3624326	0.43	0.17	0.03	0.00	0.04	0.00	0.16	0.00	0.01	0.00	0.01
289	490370	3624326	0.43	0.17	0.03	0.00	0.04	0.00	0.17	0.00	0.01	0.00	0.01
290	490380	3624326	0.44	0.17	0.03	0.00	0.04	0.00	0.17	0.00	0.01	0.00	0.01
291	490390	3624326	0.45	0.17	0.03	0.00	0.04	0.00	0.18	0.00	0.01	0.00	0.01
292	490400	3624326	0.45	0.17	0.03	0.00	0.04	0.00	0.18	0.00	0.01	0.00	0.01
293	490410	3624326	0.45	0.16	0.03	0.00	0.04	0.00	0.19	0.00	0.01	0.00	0.01
294	490420	3624326	0.45	0.16	0.03	0.00	0.04	0.00	0.19	0.00	0.01	0.00	0.01
295	490430	3624326	0.45	0.16	0.03	0.00	0.04	0.00	0.19	0.00	0.01	0.00	0.01
296	490440	3624326	0.45	0.15	0.03	0.00	0.04	0.00	0.20	0.00	0.01	0.00	0.01
297	490450	3624326	0.44	0.15	0.03	0.00	0.04	0.00	0.20	0.00	0.01	0.00	0.01
298	490460	3624326	0.44	0.14	0.02	0.00	0.04	0.00	0.20	0.00	0.01	0.00	0.01
299	490210	3624336	0.24	0.10	0.02	0.00	0.02	0.00	0.10	0.00	0.01	0.00	0.00
300	490220	3624336	0.26	0.11	0.02	0.00	0.02	0.00	0.10	0.00	0.01	0.00	0.00
301	490230	3624336	0.29	0.12	0.02	0.00	0.02	0.00	0.11	0.00	0.01	0.00	0.00
302	490240	3624336	0.31	0.13	0.02	0.00	0.03	0.00	0.13	0.00	0.01	0.00	0.00
303	490250	3624336	0.30	0.13	0.02	0.00	0.02	0.00	0.11	0.00	0.01	0.00	0.00
304	490260	3624336	0.32	0.14	0.02	0.00	0.03	0.00	0.12	0.00	0.01	0.00	0.00
305	490270	3624336	0.35	0.14	0.02	0.00	0.03	0.00	0.13	0.00	0.01	0.00	0.00
306	490280	3624336	0.38	0.15	0.03	0.00	0.03	0.00	0.15	0.00	0.01	0.00	0.00
307	490290	3624336	0.40	0.16	0.03	0.00	0.03	0.00	0.15	0.00	0.01	0.00	0.00
308	490300	3624336	0.40	0.17	0.03	0.00	0.03	0.00	0.15	0.00	0.01	0.00	0.00

Franklin School Project

Mitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
6.58	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
309	490310	3624336	0.41	0.18	0.03	0.00	0.03	0.00	0.15	0.00	0.01	0.00	0.00
310	490320	3624336	0.47	0.19	0.03	0.00	0.04	0.00	0.19	0.00	0.01	0.00	0.01
311	490330	3624336	0.47	0.19	0.03	0.00	0.04	0.00	0.18	0.00	0.01	0.00	0.01
312	490340	3624336	0.47	0.19	0.03	0.00	0.04	0.00	0.18	0.00	0.01	0.00	0.01
313	490350	3624336	0.48	0.20	0.03	0.00	0.04	0.00	0.18	0.00	0.01	0.00	0.01
314	490360	3624336	0.48	0.20	0.03	0.00	0.04	0.00	0.18	0.00	0.01	0.00	0.01
315	490370	3624336	0.49	0.20	0.03	0.00	0.04	0.00	0.18	0.00	0.01	0.00	0.01
316	490380	3624336	0.50	0.19	0.03	0.00	0.05	0.00	0.19	0.00	0.01	0.00	0.01
317	490390	3624336	0.50	0.19	0.03	0.00	0.05	0.00	0.20	0.00	0.01	0.00	0.01
318	490400	3624336	0.50	0.19	0.03	0.00	0.05	0.00	0.20	0.00	0.02	0.00	0.01
319	490410	3624336	0.50	0.18	0.03	0.00	0.05	0.01	0.21	0.00	0.02	0.00	0.01
320	490420	3624336	0.50	0.18	0.03	0.00	0.05	0.01	0.21	0.00	0.02	0.00	0.01
321	490430	3624336	0.50	0.17	0.03	0.00	0.05	0.01	0.22	0.00	0.02	0.00	0.01
322	490440	3624336	0.49	0.16	0.03	0.00	0.05	0.01	0.22	0.00	0.02	0.00	0.01
323	490450	3624336	0.49	0.16	0.03	0.00	0.05	0.00	0.22	0.00	0.01	0.00	0.01
324	490460	3624336	0.48	0.15	0.03	0.00	0.05	0.00	0.23	0.00	0.01	0.00	0.01
325	490210	3624346	0.27	0.11	0.02	0.00	0.02	0.00	0.10	0.00	0.01	0.00	0.00
326	490220	3624346	0.29	0.12	0.02	0.00	0.02	0.00	0.11	0.00	0.01	0.00	0.00
327	490230	3624346	0.32	0.13	0.02	0.00	0.03	0.00	0.13	0.00	0.01	0.00	0.00
328	490240	3624346	0.35	0.14	0.02	0.00	0.03	0.00	0.14	0.00	0.01	0.00	0.00
329	490250	3624346	0.34	0.15	0.02	0.00	0.03	0.00	0.12	0.00	0.01	0.00	0.00
330	490260	3624346	0.37	0.16	0.03	0.00	0.03	0.00	0.14	0.00	0.01	0.00	0.00
331	490270	3624346	0.40	0.17	0.03	0.00	0.03	0.00	0.15	0.00	0.01	0.00	0.00
332	490280	3624346	0.38	0.17	0.03	0.00	0.03	0.00	0.13	0.00	0.01	0.00	0.00
333	490290	3624346	0.41	0.19	0.03	0.00	0.03	0.00	0.14	0.00	0.01	0.00	0.00
334	490300	3624346	0.46	0.20	0.03	0.00	0.04	0.00	0.17	0.00	0.01	0.00	0.01
335	490310	3624346	0.47	0.21	0.04	0.00	0.04	0.00	0.17	0.00	0.01	0.00	0.01
336	490320	3624346	0.48	0.21	0.04	0.00	0.04	0.00	0.17	0.00	0.01	0.00	0.01
337	490330	3624346	0.54	0.22	0.04	0.00	0.05	0.00	0.20	0.00	0.01	0.00	0.01
338	490340	3624346	0.54	0.23	0.04	0.00	0.05	0.00	0.20	0.00	0.01	0.00	0.01
339	490350	3624346	0.55	0.23	0.04	0.00	0.05	0.00	0.20	0.00	0.01	0.00	0.01
340	490360	3624346	0.55	0.23	0.04	0.00	0.05	0.00	0.20	0.00	0.02	0.00	0.01
341	490370	3624346	0.55	0.23	0.04	0.00	0.05	0.01	0.20	0.00	0.02	0.00	0.01
342	490380	3624346	0.56	0.22	0.04	0.00	0.05	0.01	0.21	0.00	0.02	0.00	0.01
343	490390	3624346	0.56	0.21	0.04	0.00	0.06	0.01	0.22	0.00	0.02	0.00	0.01
344	490400	3624346	0.56	0.21	0.04	0.00	0.06	0.01	0.23	0.00	0.02	0.00	0.01
345	490410	3624346	0.56	0.20	0.03	0.00	0.06	0.01	0.23	0.00	0.02	0.00	0.01
346	490420	3624346	0.56	0.19	0.03	0.00	0.06	0.01	0.24	0.00	0.02	0.00	0.01
347	490430	3624346	0.55	0.18	0.03	0.00	0.05	0.01	0.24	0.00	0.02	0.00	0.01
348	490440	3624346	0.54	0.18	0.03	0.00	0.05	0.01	0.25	0.00	0.02	0.00	0.01
349	490450	3624346	0.54	0.17	0.03	0.00	0.05	0.01	0.25	0.00	0.02	0.00	0.01
350	490460	3624346	0.53	0.16	0.03	0.00	0.05	0.01	0.25	0.00	0.02	0.00	0.01
351	490210	3624356	0.29	0.12	0.02	0.00	0.02	0.00	0.11	0.00	0.01	0.00	0.00
352	490220	3624356	0.32	0.14	0.02	0.00	0.02	0.00	0.12	0.00	0.01	0.00	0.00

Franklin School Project

Mitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
6.58	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
353	490230	3624356	0.36	0.15	0.02	0.00	0.03	0.00	0.14	0.00	0.01	0.00	0.00
354	490240	3624356	0.35	0.16	0.03	0.00	0.02	0.00	0.12	0.00	0.01	0.00	0.00
355	490250	3624356	0.38	0.17	0.03	0.00	0.03	0.00	0.13	0.00	0.01	0.00	0.00
356	490260	3624356	0.41	0.18	0.03	0.00	0.03	0.00	0.15	0.00	0.01	0.00	0.00
357	490270	3624356	0.41	0.19	0.03	0.00	0.03	0.00	0.13	0.00	0.01	0.00	0.00
358	490280	3624356	0.44	0.21	0.04	0.00	0.03	0.00	0.14	0.00	0.01	0.00	0.01
359	490290	3624356	0.47	0.22	0.04	0.00	0.03	0.00	0.15	0.00	0.01	0.00	0.01
360	490300	3624356	0.54	0.24	0.04	0.00	0.04	0.00	0.19	0.00	0.01	0.00	0.01
361	490310	3624356	0.55	0.25	0.04	0.00	0.04	0.00	0.18	0.00	0.01	0.00	0.01
362	490320	3624356	0.56	0.26	0.04	0.00	0.05	0.00	0.18	0.00	0.01	0.00	0.01
363	490330	3624356	0.62	0.27	0.05	0.00	0.06	0.00	0.22	0.00	0.02	0.00	0.01
364	490340	3624356	0.62	0.27	0.05	0.00	0.06	0.01	0.22	0.00	0.02	0.00	0.01
365	490350	3624356	0.63	0.27	0.05	0.00	0.06	0.01	0.22	0.00	0.02	0.00	0.01
366	490360	3624356	0.63	0.26	0.05	0.00	0.06	0.01	0.22	0.00	0.02	0.00	0.01
367	490370	3624356	0.63	0.26	0.04	0.00	0.06	0.01	0.23	0.00	0.02	0.00	0.01
368	490380	3624356	0.64	0.25	0.04	0.00	0.06	0.01	0.24	0.00	0.02	0.00	0.01
369	490390	3624356	0.64	0.24	0.04	0.00	0.07	0.01	0.25	0.00	0.02	0.00	0.01
370	490400	3624356	0.63	0.23	0.04	0.00	0.07	0.01	0.25	0.00	0.02	0.00	0.01
371	490410	3624356	0.63	0.22	0.04	0.00	0.06	0.01	0.26	0.00	0.02	0.00	0.01
372	490420	3624356	0.62	0.21	0.04	0.00	0.06	0.01	0.27	0.00	0.02	0.00	0.01
373	490430	3624356	0.61	0.20	0.03	0.00	0.06	0.01	0.27	0.00	0.02	0.00	0.01
374	490440	3624356	0.60	0.19	0.03	0.00	0.06	0.01	0.28	0.00	0.02	0.00	0.01
375	490450	3624356	0.59	0.18	0.03	0.00	0.06	0.01	0.28	0.00	0.02	0.00	0.01
376	490460	3624356	0.58	0.17	0.03	0.00	0.06	0.01	0.28	0.00	0.02	0.00	0.01
377	490210	3624366	0.32	0.14	0.02	0.00	0.02	0.00	0.12	0.00	0.01	0.00	0.00
378	490220	3624366	0.35	0.15	0.03	0.00	0.03	0.00	0.13	0.00	0.01	0.00	0.00
379	490230	3624366	0.39	0.17	0.03	0.00	0.03	0.00	0.14	0.00	0.01	0.00	0.00
380	490240	3624366	0.39	0.18	0.03	0.00	0.03	0.00	0.13	0.00	0.01	0.00	0.00
381	490250	3624366	0.43	0.20	0.03	0.00	0.03	0.00	0.14	0.00	0.01	0.00	0.00
382	490370	3624366	0.73	0.29	0.05	0.00	0.07	0.01	0.26	0.00	0.02	0.00	0.01
383	490380	3624366	0.73	0.28	0.05	0.00	0.08	0.01	0.27	0.00	0.02	0.00	0.01
384	490390	3624366	0.72	0.27	0.05	0.00	0.08	0.01	0.28	0.00	0.02	0.00	0.01
385	490400	3624366	0.72	0.26	0.04	0.00	0.08	0.01	0.29	0.00	0.02	0.00	0.01
386	490410	3624366	0.71	0.24	0.04	0.00	0.07	0.01	0.29	0.00	0.02	0.00	0.01
387	490420	3624366	0.69	0.23	0.04	0.00	0.07	0.01	0.30	0.00	0.02	0.00	0.01
388	490430	3624366	0.68	0.22	0.04	0.00	0.07	0.01	0.31	0.00	0.02	0.00	0.01
389	490440	3624366	0.67	0.21	0.04	0.00	0.07	0.01	0.31	0.00	0.02	0.00	0.01
390	490450	3624366	0.65	0.19	0.03	0.00	0.07	0.01	0.32	0.00	0.02	0.00	0.01
391	490460	3624366	0.64	0.18	0.03	0.00	0.06	0.01	0.32	0.00	0.02	0.00	0.01
392	490210	3624376	0.35	0.16	0.03	0.00	0.02	0.00	0.12	0.00	0.01	0.00	0.00
393	490220	3624376	0.38	0.18	0.03	0.00	0.03	0.00	0.13	0.00	0.01	0.00	0.00
394	490230	3624376	0.43	0.20	0.03	0.00	0.03	0.00	0.15	0.00	0.01	0.00	0.00
395	490240	3624376	0.44	0.22	0.04	0.00	0.03	0.00	0.14	0.00	0.01	0.00	0.00
396	490250	3624376	0.49	0.24	0.04	0.00	0.03	0.00	0.15	0.00	0.01	0.00	0.00

Franklin School Project

Mitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
6.58	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
397	490370	3624376	0.84	0.34	0.06	0.00	0.09	0.01	0.29	0.00	0.03	0.01	0.01
398	490380	3624376	0.83	0.32	0.06	0.00	0.09	0.01	0.30	0.00	0.03	0.01	0.01
399	490390	3624376	0.82	0.30	0.05	0.00	0.09	0.01	0.32	0.00	0.03	0.01	0.01
400	490400	3624376	0.81	0.28	0.05	0.00	0.09	0.01	0.33	0.00	0.03	0.01	0.01
401	490410	3624376	0.79	0.27	0.05	0.00	0.09	0.01	0.34	0.00	0.03	0.01	0.01
402	490420	3624376	0.78	0.25	0.04	0.00	0.08	0.01	0.34	0.00	0.03	0.01	0.01
403	490430	3624376	0.76	0.23	0.04	0.00	0.08	0.01	0.35	0.00	0.02	0.01	0.01
404	490440	3624376	0.74	0.22	0.04	0.00	0.08	0.01	0.35	0.00	0.02	0.00	0.01
405	490450	3624376	0.72	0.21	0.04	0.00	0.07	0.01	0.36	0.00	0.02	0.00	0.01
406	490460	3624376	0.70	0.19	0.03	0.00	0.07	0.01	0.36	0.00	0.02	0.00	0.01
407	490210	3624386	0.38	0.18	0.03	0.00	0.02	0.00	0.13	0.00	0.01	0.00	0.00
408	490220	3624386	0.42	0.20	0.03	0.00	0.03	0.00	0.14	0.00	0.01	0.00	0.00
409	490230	3624386	0.47	0.23	0.04	0.00	0.03	0.00	0.15	0.00	0.01	0.00	0.00
410	490240	3624386	0.53	0.26	0.04	0.00	0.04	0.00	0.17	0.00	0.01	0.00	0.00
411	490250	3624386	0.56	0.29	0.05	0.00	0.03	0.00	0.16	0.00	0.01	0.00	0.01
412	490370	3624386	0.97	0.38	0.07	0.00	0.11	0.01	0.33	0.00	0.04	0.01	0.02
413	490380	3624386	0.96	0.36	0.06	0.00	0.11	0.01	0.35	0.00	0.04	0.01	0.02
414	490390	3624386	0.94	0.33	0.06	0.00	0.11	0.01	0.36	0.00	0.03	0.01	0.02
415	490400	3624386	0.92	0.31	0.05	0.00	0.11	0.01	0.38	0.00	0.03	0.01	0.02
416	490410	3624386	0.90	0.29	0.05	0.00	0.10	0.01	0.39	0.00	0.03	0.01	0.02
417	490420	3624386	0.87	0.27	0.05	0.00	0.10	0.01	0.39	0.00	0.03	0.01	0.02
418	490430	3624386	0.85	0.25	0.04	0.00	0.09	0.01	0.40	0.00	0.03	0.01	0.01
419	490440	3624386	0.82	0.23	0.04	0.00	0.09	0.01	0.40	0.00	0.03	0.01	0.01
420	490450	3624386	0.79	0.22	0.04	0.00	0.08	0.01	0.40	0.00	0.02	0.01	0.01
421	490460	3624386	0.77	0.20	0.04	0.00	0.08	0.01	0.40	0.00	0.02	0.00	0.01
422	490210	3624396	0.41	0.20	0.03	0.00	0.03	0.00	0.14	0.00	0.01	0.00	0.00
423	490220	3624396	0.46	0.23	0.04	0.00	0.03	0.00	0.15	0.00	0.01	0.00	0.00
424	490230	3624396	0.52	0.26	0.05	0.00	0.03	0.00	0.16	0.00	0.01	0.00	0.00
425	490240	3624396	0.59	0.30	0.05	0.00	0.04	0.00	0.18	0.00	0.01	0.00	0.01
426	490250	3624396	0.68	0.35	0.06	0.00	0.04	0.00	0.20	0.00	0.01	0.00	0.01
427	490370	3624396	1.14	0.43	0.08	0.00	0.15	0.02	0.38	0.00	0.05	0.01	0.02
428	490380	3624396	1.11	0.40	0.07	0.00	0.14	0.02	0.40	0.00	0.04	0.01	0.02
429	490390	3624396	1.08	0.37	0.06	0.00	0.13	0.01	0.42	0.00	0.04	0.01	0.02
430	490400	3624396	1.05	0.34	0.06	0.00	0.13	0.01	0.44	0.00	0.04	0.01	0.02
431	490410	3624396	1.01	0.31	0.05	0.00	0.12	0.01	0.45	0.00	0.04	0.01	0.02
432	490420	3624396	0.98	0.29	0.05	0.00	0.11	0.01	0.46	0.00	0.03	0.01	0.02
433	490430	3624396	0.94	0.27	0.05	0.00	0.10	0.01	0.46	0.00	0.03	0.01	0.02
434	490440	3624396	0.91	0.25	0.04	0.00	0.09	0.01	0.46	0.00	0.03	0.01	0.02
435	490450	3624396	0.87	0.23	0.04	0.00	0.09	0.01	0.46	0.00	0.03	0.01	0.01
436	490460	3624396	0.84	0.21	0.04	0.00	0.08	0.01	0.45	0.00	0.03	0.01	0.01
437	490210	3624406	0.45	0.22	0.04	0.00	0.03	0.00	0.14	0.00	0.01	0.00	0.00
438	490220	3624406	0.51	0.26	0.04	0.00	0.03	0.00	0.15	0.00	0.01	0.00	0.00
439	490230	3624406	0.58	0.31	0.05	0.00	0.03	0.00	0.17	0.00	0.01	0.00	0.01
440	490240	3624406	0.67	0.36	0.06	0.00	0.04	0.00	0.18	0.00	0.01	0.00	0.01

Franklin School Project

Mitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
6.58	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
441	490250	3624406	0.79	0.44	0.08	0.00	0.04	0.00	0.20	0.00	0.01	0.00	0.01
442	490370	3624406	1.34	0.49	0.08	0.00	0.19	0.02	0.45	0.00	0.06	0.01	0.03
443	490380	3624406	1.29	0.44	0.08	0.00	0.18	0.02	0.47	0.00	0.05	0.01	0.03
444	490390	3624406	1.24	0.40	0.07	0.00	0.16	0.02	0.49	0.00	0.05	0.01	0.03
445	490400	3624406	1.19	0.37	0.06	0.00	0.15	0.02	0.51	0.00	0.05	0.01	0.02
446	490410	3624406	1.14	0.33	0.06	0.00	0.14	0.01	0.52	0.00	0.04	0.01	0.02
447	490420	3624406	1.10	0.31	0.05	0.00	0.12	0.01	0.53	0.00	0.04	0.01	0.02
448	490430	3624406	1.06	0.28	0.05	0.00	0.11	0.01	0.53	0.00	0.04	0.01	0.02
449	490440	3624406	1.01	0.26	0.04	0.00	0.10	0.01	0.53	0.00	0.03	0.01	0.02
450	490450	3624406	0.96	0.24	0.04	0.00	0.10	0.01	0.52	0.00	0.03	0.01	0.02
451	490460	3624406	0.92	0.22	0.04	0.00	0.09	0.01	0.51	0.00	0.03	0.01	0.01
452	490210	3624416	0.49	0.25	0.04	0.00	0.03	0.00	0.15	0.00	0.01	0.00	0.00
453	490220	3624416	0.56	0.29	0.05	0.00	0.03	0.00	0.16	0.00	0.01	0.00	0.00
454	490230	3624416	0.66	0.36	0.06	0.00	0.04	0.00	0.18	0.00	0.01	0.00	0.01
455	490240	3624416	0.77	0.44	0.08	0.00	0.04	0.00	0.19	0.00	0.01	0.00	0.01
456	490250	3624416	0.95	0.56	0.10	0.00	0.05	0.00	0.21	0.00	0.02	0.00	0.01
457	490370	3624416	1.59	0.54	0.09	0.00	0.25	0.03	0.54	0.00	0.08	0.02	0.04
458	490380	3624416	1.50	0.48	0.08	0.00	0.22	0.02	0.56	0.00	0.07	0.01	0.04
459	490390	3624416	1.42	0.43	0.08	0.00	0.19	0.02	0.59	0.01	0.06	0.01	0.03
460	490400	3624416	1.35	0.39	0.07	0.00	0.17	0.02	0.60	0.01	0.05	0.01	0.03
461	490410	3624416	1.29	0.36	0.06	0.00	0.15	0.02	0.62	0.01	0.05	0.01	0.03
462	490420	3624416	1.24	0.32	0.06	0.00	0.14	0.01	0.62	0.01	0.04	0.01	0.02
463	490430	3624416	1.18	0.29	0.05	0.00	0.13	0.01	0.62	0.01	0.04	0.01	0.02
464	490440	3624416	1.12	0.27	0.05	0.00	0.12	0.01	0.61	0.01	0.04	0.01	0.02
465	490450	3624416	1.06	0.25	0.04	0.00	0.11	0.01	0.60	0.01	0.03	0.01	0.02
466	490460	3624416	1.00	0.22	0.04	0.00	0.10	0.01	0.58	0.00	0.03	0.01	0.02
467	490210	3624426	0.53	0.27	0.05	0.00	0.03	0.00	0.16	0.00	0.01	0.00	0.00
468	490220	3624426	0.61	0.33	0.06	0.00	0.03	0.00	0.17	0.00	0.01	0.00	0.01
469	490230	3624426	0.73	0.40	0.07	0.00	0.04	0.00	0.19	0.00	0.01	0.00	0.01
470	490240	3624426	0.89	0.52	0.09	0.00	0.04	0.00	0.21	0.00	0.02	0.00	0.01
471	490250	3624426	1.14	0.70	0.12	0.00	0.05	0.01	0.23	0.00	0.02	0.00	0.01
472	490370	3624426	1.87	0.58	0.10	0.00	0.32	0.03	0.65	0.01	0.10	0.02	0.05
473	490380	3624426	1.74	0.52	0.09	0.00	0.27	0.03	0.68	0.01	0.08	0.02	0.04
474	490390	3624426	1.63	0.46	0.08	0.00	0.23	0.02	0.70	0.01	0.07	0.01	0.04
475	490400	3624426	1.54	0.42	0.07	0.00	0.20	0.02	0.72	0.01	0.06	0.01	0.03
476	490410	3624426	1.46	0.37	0.07	0.00	0.17	0.02	0.73	0.01	0.05	0.01	0.03
477	490420	3624426	1.39	0.34	0.06	0.00	0.16	0.02	0.73	0.01	0.05	0.01	0.03
478	490430	3624426	1.32	0.31	0.05	0.00	0.14	0.01	0.72	0.01	0.04	0.01	0.02
479	490440	3624426	1.24	0.28	0.05	0.00	0.13	0.01	0.71	0.01	0.04	0.01	0.02
480	490450	3624426	1.17	0.25	0.04	0.00	0.11	0.01	0.68	0.01	0.03	0.01	0.02
481	490460	3624426	1.10	0.23	0.04	0.00	0.10	0.01	0.65	0.01	0.03	0.01	0.02
482	490210	3624436	0.56	0.29	0.05	0.00	0.03	0.00	0.17	0.00	0.01	0.00	0.00
483	490220	3624436	0.67	0.36	0.06	0.00	0.03	0.00	0.18	0.00	0.01	0.00	0.01
484	490230	3624436	0.80	0.45	0.08	0.00	0.04	0.00	0.20	0.00	0.01	0.00	0.01

Franklin School Project

Mitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
6.58	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
485	490240	3624436	1.01	0.60	0.11	0.00	0.04	0.00	0.22	0.00	0.02	0.00	0.01
486	490250	3624436	1.34	0.85	0.15	0.00	0.05	0.01	0.25	0.00	0.02	0.00	0.01
487	490370	3624436	2.16	0.63	0.11	0.00	0.38	0.04	0.79	0.01	0.11	0.03	0.06
488	490380	3624436	2.00	0.55	0.10	0.00	0.31	0.03	0.83	0.01	0.09	0.02	0.05
489	490390	3624436	1.86	0.49	0.09	0.00	0.26	0.03	0.86	0.01	0.08	0.02	0.04
490	490400	3624436	1.76	0.44	0.08	0.00	0.22	0.02	0.87	0.01	0.07	0.01	0.04
491	490410	3624436	1.66	0.39	0.07	0.00	0.19	0.02	0.88	0.01	0.06	0.01	0.03
492	490420	3624436	1.57	0.35	0.06	0.00	0.17	0.02	0.87	0.01	0.05	0.01	0.03
493	490430	3624436	1.47	0.31	0.05	0.00	0.15	0.02	0.85	0.01	0.05	0.01	0.03
494	490440	3624436	1.38	0.28	0.05	0.00	0.14	0.01	0.82	0.01	0.04	0.01	0.02
495	490450	3624436	1.29	0.26	0.05	0.00	0.12	0.01	0.78	0.01	0.04	0.01	0.02
496	490460	3624436	1.20	0.23	0.04	0.00	0.11	0.01	0.73	0.01	0.03	0.01	0.02
497	490210	3624446	0.60	0.32	0.06	0.00	0.03	0.00	0.18	0.00	0.01	0.00	0.00
498	490220	3624446	0.72	0.40	0.07	0.00	0.04	0.00	0.19	0.00	0.01	0.00	0.01
499	490230	3624446	0.89	0.51	0.09	0.00	0.04	0.00	0.22	0.00	0.02	0.00	0.01
500	490240	3624446	1.15	0.70	0.12	0.00	0.05	0.00	0.24	0.00	0.02	0.00	0.01
501	490250	3624446	1.54	1.00	0.17	0.00	0.06	0.01	0.27	0.00	0.02	0.00	0.01
502	490370	3624446	2.48	0.67	0.12	0.00	0.43	0.05	0.98	0.01	0.13	0.03	0.07
503	490380	3624446	2.29	0.58	0.10	0.00	0.35	0.04	1.03	0.01	0.10	0.02	0.06
504	490390	3624446	2.14	0.51	0.09	0.00	0.29	0.03	1.06	0.01	0.09	0.02	0.05
505	490400	3624446	2.01	0.45	0.08	0.00	0.25	0.03	1.07	0.01	0.07	0.02	0.04
506	490410	3624446	1.89	0.40	0.07	0.00	0.21	0.02	1.06	0.01	0.06	0.01	0.04
507	490420	3624446	1.77	0.36	0.06	0.00	0.19	0.02	1.03	0.01	0.06	0.01	0.03
508	490430	3624446	1.65	0.32	0.06	0.00	0.16	0.02	0.99	0.01	0.05	0.01	0.03
509	490440	3624446	1.53	0.29	0.05	0.00	0.15	0.02	0.94	0.01	0.04	0.01	0.02
510	490450	3624446	1.41	0.26	0.05	0.00	0.13	0.01	0.88	0.01	0.04	0.01	0.02
511	490460	3624446	1.30	0.24	0.04	0.00	0.12	0.01	0.82	0.01	0.03	0.01	0.02
512	490210	3624456	0.64	0.34	0.06	0.00	0.03	0.00	0.19	0.00	0.01	0.00	0.01
513	490220	3624456	0.77	0.42	0.07	0.00	0.04	0.00	0.21	0.00	0.01	0.00	0.01
514	490230	3624456	0.95	0.55	0.10	0.00	0.04	0.00	0.23	0.00	0.02	0.00	0.01
515	490240	3624456	1.24	0.76	0.13	0.00	0.05	0.01	0.26	0.00	0.02	0.00	0.01
516	490250	3624456	1.70	1.10	0.19	0.00	0.06	0.01	0.30	0.00	0.03	0.00	0.01
517	490370	3624456	2.86	0.70	0.12	0.00	0.47	0.05	1.26	0.01	0.14	0.03	0.08
518	490380	3624456	2.66	0.61	0.11	0.00	0.38	0.04	1.31	0.01	0.11	0.03	0.06
519	490390	3624456	2.48	0.53	0.09	0.00	0.32	0.03	1.33	0.01	0.09	0.02	0.05
520	490400	3624456	2.32	0.46	0.08	0.00	0.27	0.03	1.32	0.01	0.08	0.02	0.04
521	490410	3624456	2.16	0.41	0.07	0.00	0.23	0.02	1.29	0.01	0.07	0.02	0.04
522	490420	3624456	2.00	0.36	0.06	0.00	0.20	0.02	1.23	0.01	0.06	0.01	0.03
523	490430	3624456	1.84	0.32	0.06	0.00	0.18	0.02	1.16	0.01	0.05	0.01	0.03
524	490440	3624456	1.69	0.29	0.05	0.00	0.16	0.02	1.08	0.01	0.05	0.01	0.03
525	490450	3624456	1.54	0.26	0.05	0.00	0.14	0.01	1.00	0.01	0.04	0.01	0.02
526	490460	3624456	1.39	0.24	0.04	0.00	0.12	0.01	0.91	0.01	0.04	0.01	0.02
527	490210	3624466	0.67	0.35	0.06	0.00	0.03	0.00	0.19	0.00	0.01	0.00	0.01
528	490220	3624466	0.81	0.44	0.08	0.00	0.04	0.00	0.22	0.00	0.01	0.00	0.01

Franklin School Project

Mitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
6.58	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
529	490230	3624466	1.01	0.59	0.10	0.00	0.04	0.00	0.25	0.00	0.02	0.00	0.01
530	490240	3624466	1.33	0.81	0.14	0.00	0.05	0.01	0.28	0.00	0.02	0.00	0.01
531	490250	3624466	1.82	1.18	0.21	0.00	0.06	0.01	0.32	0.00	0.03	0.00	0.01
532	490370	3624466	3.34	0.72	0.13	0.00	0.51	0.06	1.64	0.01	0.15	0.03	0.08
533	490380	3624466	3.12	0.62	0.11	0.00	0.42	0.05	1.69	0.01	0.12	0.03	0.07
534	490390	3624466	2.89	0.54	0.09	0.00	0.34	0.04	1.68	0.01	0.10	0.02	0.06
535	490400	3624466	2.66	0.47	0.08	0.00	0.29	0.03	1.63	0.01	0.08	0.02	0.05
536	490410	3624466	2.44	0.41	0.07	0.00	0.25	0.03	1.55	0.01	0.07	0.02	0.04
537	490420	3624466	2.24	0.36	0.06	0.00	0.21	0.02	1.45	0.01	0.06	0.01	0.04
538	490430	3624466	2.03	0.32	0.06	0.00	0.19	0.02	1.34	0.01	0.05	0.01	0.03
539	490440	3624466	1.84	0.29	0.05	0.00	0.16	0.02	1.23	0.01	0.05	0.01	0.03
540	490450	3624466	1.65	0.26	0.05	0.00	0.14	0.02	1.11	0.01	0.04	0.01	0.02
541	490460	3624466	1.47	0.23	0.04	0.00	0.12	0.01	0.99	0.01	0.04	0.01	0.02
542	490210	3624476	0.69	0.36	0.06	0.00	0.03	0.00	0.20	0.00	0.01	0.00	0.01
543	490220	3624476	0.84	0.46	0.08	0.00	0.04	0.00	0.23	0.00	0.01	0.00	0.01
544	490230	3624476	1.07	0.62	0.11	0.00	0.04	0.00	0.26	0.00	0.02	0.00	0.01
545	490240	3624476	1.40	0.85	0.15	0.00	0.05	0.01	0.30	0.00	0.02	0.00	0.01
546	490250	3624476	1.91	1.23	0.21	0.00	0.06	0.01	0.35	0.00	0.03	0.00	0.01
547	490370	3624476	4.01	0.74	0.13	0.00	0.57	0.06	2.20	0.02	0.17	0.04	0.09
548	490380	3624476	3.72	0.63	0.11	0.00	0.46	0.05	2.21	0.02	0.13	0.03	0.08
549	490390	3624476	3.41	0.54	0.09	0.00	0.38	0.04	2.15	0.02	0.11	0.02	0.06
550	490400	3624476	3.09	0.47	0.08	0.00	0.31	0.03	2.02	0.02	0.09	0.02	0.05
551	490410	3624476	2.72	0.40	0.07	0.00	0.26	0.03	1.81	0.02	0.07	0.02	0.04
552	490420	3624476	2.41	0.35	0.06	0.00	0.22	0.02	1.64	0.01	0.06	0.01	0.04
553	490430	3624476	2.17	0.31	0.05	0.00	0.19	0.02	1.48	0.01	0.05	0.01	0.03
554	490440	3624476	1.93	0.28	0.05	0.00	0.16	0.02	1.33	0.01	0.05	0.01	0.03
555	490450	3624476	1.72	0.25	0.04	0.00	0.14	0.02	1.19	0.01	0.04	0.01	0.02
556	490460	3624476	1.52	0.22	0.04	0.00	0.12	0.01	1.05	0.01	0.04	0.01	0.02
557	490210	3624486	0.70	0.37	0.06	0.00	0.03	0.00	0.21	0.00	0.01	0.00	0.01
558	490220	3624486	0.87	0.47	0.08	0.00	0.04	0.00	0.24	0.00	0.02	0.00	0.01
559	490230	3624486	1.10	0.63	0.11	0.00	0.05	0.00	0.28	0.00	0.02	0.00	0.01
560	490240	3624486	1.45	0.88	0.15	0.00	0.05	0.01	0.32	0.00	0.02	0.00	0.01
561	490250	3624486	1.98	1.25	0.22	0.00	0.07	0.01	0.38	0.00	0.03	0.00	0.01
562	490380	3624486	4.62	0.64	0.11	0.00	0.52	0.06	3.00	0.03	0.15	0.03	0.09
563	490390	3624486	4.18	0.54	0.09	0.00	0.42	0.05	2.83	0.02	0.12	0.03	0.07
564	490400	3624486	3.63	0.46	0.08	0.00	0.34	0.04	2.51	0.02	0.10	0.02	0.06
565	490410	3624486	2.93	0.38	0.07	0.00	0.26	0.03	2.04	0.02	0.07	0.02	0.04
566	490420	3624486	2.54	0.33	0.06	0.00	0.22	0.02	1.78	0.02	0.06	0.01	0.04
567	490430	3624486	2.21	0.29	0.05	0.00	0.18	0.02	1.56	0.01	0.05	0.01	0.03
568	490440	3624486	1.94	0.26	0.05	0.00	0.16	0.02	1.37	0.01	0.05	0.01	0.03
569	490450	3624486	1.70	0.23	0.04	0.00	0.14	0.01	1.20	0.01	0.04	0.01	0.02
570	490460	3624486	1.52	0.21	0.04	0.00	0.12	0.01	1.07	0.01	0.03	0.01	0.02
571	490210	3624496	0.72	0.37	0.06	0.00	0.03	0.00	0.22	0.00	0.01	0.00	0.01
572	490220	3624496	0.89	0.48	0.08	0.00	0.04	0.00	0.25	0.00	0.02	0.00	0.01

Franklin School Project

Mitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
6.58	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
573	490230	3624496	1.12	0.64	0.11	0.00	0.05	0.00	0.29	0.00	0.02	0.00	0.01
574	490240	3624496	1.48	0.88	0.15	0.00	0.06	0.01	0.35	0.00	0.02	0.00	0.01
575	490250	3624496	2.01	1.26	0.22	0.00	0.07	0.01	0.41	0.00	0.03	0.00	0.01
576	490390	3624496	5.25	0.54	0.09	0.00	0.48	0.05	3.80	0.03	0.14	0.03	0.08
577	490400	3624496	4.42	0.46	0.08	0.00	0.38	0.04	3.23	0.03	0.11	0.03	0.06
578	490410	3624496	3.57	0.39	0.07	0.00	0.30	0.03	2.61	0.02	0.08	0.02	0.05
579	490420	3624496	3.00	0.34	0.06	0.00	0.24	0.03	2.19	0.02	0.07	0.02	0.04
580	490430	3624496	2.52	0.29	0.05	0.00	0.20	0.02	1.83	0.02	0.06	0.01	0.03
581	490440	3624496	2.10	0.26	0.04	0.00	0.16	0.02	1.52	0.01	0.05	0.01	0.03
582	490450	3624496	1.78	0.23	0.04	0.00	0.14	0.01	1.28	0.01	0.04	0.01	0.02
583	490460	3624496	1.52	0.20	0.04	0.00	0.12	0.01	1.08	0.01	0.03	0.01	0.02
584	490210	3624506	0.72	0.37	0.06	0.00	0.03	0.00	0.23	0.00	0.01	0.00	0.01
585	490220	3624506	0.90	0.48	0.08	0.00	0.04	0.00	0.26	0.00	0.02	0.00	0.01
586	490230	3624506	1.14	0.64	0.11	0.00	0.05	0.00	0.31	0.00	0.02	0.00	0.01
587	490240	3624506	1.49	0.87	0.15	0.00	0.06	0.01	0.36	0.00	0.02	0.00	0.01
588	490250	3624506	2.03	1.25	0.22	0.00	0.07	0.01	0.43	0.00	0.03	0.00	0.01
589	490400	3624506	5.57	0.46	0.08	0.00	0.45	0.05	4.26	0.04	0.13	0.03	0.07
590	490410	3624506	4.53	0.40	0.07	0.00	0.36	0.04	3.45	0.03	0.10	0.02	0.06
591	490420	3624506	3.66	0.34	0.06	0.00	0.28	0.03	2.77	0.02	0.08	0.02	0.05
592	490430	3624506	2.91	0.30	0.05	0.00	0.22	0.02	2.18	0.02	0.06	0.01	0.04
593	490440	3624506	2.38	0.26	0.05	0.00	0.18	0.02	1.76	0.02	0.05	0.01	0.03
594	490450	3624506	1.95	0.23	0.04	0.00	0.15	0.02	1.43	0.01	0.04	0.01	0.02
595	490460	3624506	1.59	0.20	0.03	0.00	0.12	0.01	1.16	0.01	0.03	0.01	0.02
596	490210	3624516	0.72	0.36	0.06	0.00	0.03	0.00	0.23	0.00	0.01	0.00	0.01
597	490220	3624516	0.89	0.47	0.08	0.00	0.04	0.00	0.27	0.00	0.02	0.00	0.01
598	490230	3624516	1.12	0.62	0.11	0.00	0.05	0.00	0.32	0.00	0.02	0.00	0.01
599	490240	3624516	1.47	0.84	0.15	0.00	0.05	0.01	0.38	0.00	0.02	0.00	0.01
600	490250	3624516	1.99	1.21	0.21	0.00	0.07	0.01	0.45	0.00	0.03	0.00	0.01
601	490410	3624516	5.10	0.38	0.07	0.00	0.38	0.04	4.00	0.03	0.11	0.03	0.06
602	490420	3624516	3.94	0.33	0.06	0.00	0.29	0.03	3.05	0.03	0.08	0.02	0.05
603	490430	3624516	3.07	0.29	0.05	0.00	0.23	0.02	2.34	0.02	0.06	0.02	0.04
604	490440	3624516	2.47	0.25	0.04	0.00	0.18	0.02	1.86	0.02	0.05	0.01	0.03
605	490450	3624516	2.01	0.22	0.04	0.00	0.15	0.02	1.50	0.01	0.04	0.01	0.02
606	490460	3624516	1.64	0.20	0.03	0.00	0.12	0.01	1.21	0.01	0.03	0.01	0.02
607	490210	3624526	0.71	0.35	0.06	0.00	0.03	0.00	0.24	0.00	0.01	0.00	0.01
608	490220	3624526	0.87	0.45	0.08	0.00	0.04	0.00	0.28	0.00	0.01	0.00	0.01
609	490230	3624526	1.09	0.59	0.10	0.00	0.04	0.00	0.32	0.00	0.02	0.00	0.01
610	490240	3624526	1.41	0.80	0.14	0.00	0.05	0.01	0.38	0.00	0.02	0.00	0.01
611	490250	3624526	1.91	1.13	0.20	0.00	0.06	0.01	0.47	0.00	0.03	0.00	0.01
612	490410	3624526	5.45	0.36	0.06	0.00	0.39	0.04	4.35	0.04	0.11	0.03	0.06
613	490420	3624526	4.05	0.32	0.06	0.00	0.29	0.03	3.18	0.03	0.08	0.02	0.05
614	490430	3624526	3.09	0.28	0.05	0.00	0.22	0.02	2.39	0.02	0.06	0.01	0.04
615	490440	3624526	2.45	0.24	0.04	0.00	0.18	0.02	1.87	0.02	0.05	0.01	0.03
616	490450	3624526	1.98	0.21	0.04	0.00	0.14	0.02	1.49	0.01	0.04	0.01	0.02

Franklin School Project

Mitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
6.58	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
617	490460	3624526	1.61	0.19	0.03	0.00	0.12	0.01	1.19	0.01	0.03	0.01	0.02
618	490210	3624536	0.68	0.33	0.06	0.00	0.03	0.00	0.24	0.00	0.01	0.00	0.01
619	490220	3624536	0.83	0.42	0.07	0.00	0.04	0.00	0.28	0.00	0.01	0.00	0.01
620	490230	3624536	1.04	0.54	0.10	0.00	0.04	0.00	0.32	0.00	0.02	0.00	0.01
621	490240	3624536	1.33	0.72	0.13	0.00	0.05	0.01	0.39	0.00	0.02	0.00	0.01
622	490250	3624536	1.78	1.02	0.18	0.00	0.06	0.01	0.47	0.00	0.02	0.00	0.01
623	490410	3624536	5.34	0.34	0.06	0.00	0.37	0.04	4.31	0.04	0.10	0.02	0.06
624	490420	3624536	3.89	0.30	0.05	0.00	0.27	0.03	3.08	0.03	0.08	0.02	0.04
625	490430	3624536	2.96	0.26	0.05	0.00	0.21	0.02	2.30	0.02	0.06	0.01	0.03
626	490440	3624536	2.34	0.23	0.04	0.00	0.16	0.02	1.79	0.02	0.05	0.01	0.03
627	490450	3624536	1.91	0.21	0.04	0.00	0.14	0.01	1.44	0.01	0.04	0.01	0.02
628	490460	3624536	1.56	0.18	0.03	0.00	0.11	0.01	1.16	0.01	0.03	0.01	0.02
629	490210	3624546	0.66	0.31	0.05	0.00	0.03	0.00	0.24	0.00	0.01	0.00	0.01
630	490220	3624546	0.79	0.38	0.07	0.00	0.04	0.00	0.27	0.00	0.01	0.00	0.01
631	490230	3624546	0.97	0.49	0.09	0.00	0.04	0.00	0.32	0.00	0.02	0.00	0.01
632	490240	3624546	1.22	0.64	0.11	0.00	0.05	0.01	0.38	0.00	0.02	0.00	0.01
633	490250	3624546	1.60	0.88	0.15	0.00	0.06	0.01	0.46	0.00	0.02	0.00	0.01
634	490410	3624546	4.72	0.32	0.06	0.00	0.32	0.03	3.80	0.03	0.09	0.02	0.05
635	490420	3624546	3.50	0.28	0.05	0.00	0.24	0.03	2.77	0.02	0.07	0.02	0.04
636	490430	3624546	2.71	0.25	0.04	0.00	0.19	0.02	2.10	0.02	0.05	0.01	0.03
637	490440	3624546	2.17	0.22	0.04	0.00	0.15	0.02	1.65	0.01	0.04	0.01	0.02
638	490450	3624546	1.78	0.19	0.03	0.00	0.12	0.01	1.34	0.01	0.04	0.01	0.02
639	490460	3624546	1.48	0.17	0.03	0.00	0.10	0.01	1.10	0.01	0.03	0.01	0.02
640	490210	3624556	0.62	0.28	0.05	0.00	0.03	0.00	0.23	0.00	0.01	0.00	0.00
641	490220	3624556	0.74	0.35	0.06	0.00	0.03	0.00	0.27	0.00	0.01	0.00	0.01
642	490230	3624556	0.90	0.44	0.08	0.00	0.04	0.00	0.32	0.00	0.01	0.00	0.01
643	490240	3624556	1.11	0.56	0.10	0.00	0.05	0.00	0.37	0.00	0.02	0.00	0.01
644	490250	3624556	1.41	0.73	0.13	0.00	0.06	0.01	0.45	0.00	0.02	0.00	0.01
645	490410	3624556	3.87	0.29	0.05	0.00	0.25	0.03	3.09	0.03	0.07	0.02	0.04
646	490420	3624556	3.01	0.26	0.05	0.00	0.20	0.02	2.36	0.02	0.06	0.01	0.03
647	490430	3624556	2.40	0.23	0.04	0.00	0.16	0.02	1.85	0.02	0.05	0.01	0.03
648	490440	3624556	1.96	0.20	0.04	0.00	0.13	0.01	1.49	0.01	0.04	0.01	0.02
649	490450	3624556	1.63	0.18	0.03	0.00	0.11	0.01	1.22	0.01	0.03	0.01	0.02
650	490460	3624556	1.37	0.17	0.03	0.00	0.10	0.01	1.01	0.01	0.03	0.01	0.02
651	490210	3624566	0.59	0.26	0.05	0.00	0.03	0.00	0.23	0.00	0.01	0.00	0.00
652	490220	3624566	0.69	0.32	0.06	0.00	0.03	0.00	0.26	0.00	0.01	0.00	0.01
653	490230	3624566	0.83	0.39	0.07	0.00	0.04	0.00	0.31	0.00	0.01	0.00	0.01
654	490240	3624566	1.01	0.48	0.08	0.00	0.04	0.00	0.36	0.00	0.02	0.00	0.01
655	490250	3624566	1.24	0.60	0.11	0.00	0.05	0.01	0.44	0.00	0.02	0.00	0.01
656	490260	3624566	1.54	0.76	0.13	0.00	0.06	0.01	0.53	0.00	0.02	0.00	0.01
657	490270	3624566	1.93	0.96	0.17	0.00	0.07	0.01	0.66	0.01	0.03	0.00	0.01
658	490280	3624566	2.39	1.16	0.20	0.00	0.09	0.01	0.86	0.01	0.03	0.01	0.02
659	490290	3624566	2.88	1.30	0.23	0.00	0.12	0.01	1.14	0.01	0.04	0.01	0.02
660	490300	3624566	3.44	1.35	0.24	0.00	0.15	0.02	1.58	0.01	0.05	0.01	0.03

Franklin School Project

Mitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
6.58	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
661	490310	3624566	4.06	1.28	0.22	0.00	0.20	0.02	2.20	0.02	0.06	0.01	0.03
662	490320	3624566	4.77	1.13	0.20	0.00	0.25	0.03	3.02	0.03	0.08	0.02	0.04
663	490330	3624566	5.53	0.94	0.16	0.00	0.29	0.03	3.91	0.03	0.09	0.02	0.05
664	490340	3624566	6.19	0.78	0.14	0.00	0.33	0.04	4.70	0.04	0.09	0.02	0.05
665	490350	3624566	6.55	0.65	0.11	0.00	0.35	0.04	5.17	0.04	0.10	0.02	0.06
666	490360	3624566	6.58	0.55	0.10	0.00	0.35	0.04	5.31	0.05	0.10	0.02	0.06
667	490370	3624566	6.28	0.47	0.08	0.00	0.35	0.04	5.12	0.04	0.10	0.02	0.06
668	490380	3624566	5.68	0.40	0.07	0.00	0.33	0.04	4.64	0.04	0.09	0.02	0.05
669	490390	3624566	4.81	0.35	0.06	0.00	0.29	0.03	3.89	0.03	0.08	0.02	0.05
670	490400	3624566	3.89	0.31	0.05	0.00	0.24	0.03	3.10	0.03	0.07	0.02	0.04
671	490410	3624566	3.11	0.27	0.05	0.00	0.20	0.02	2.45	0.02	0.06	0.01	0.03
672	490420	3624566	2.53	0.24	0.04	0.00	0.17	0.02	1.96	0.02	0.05	0.01	0.03
673	490430	3624566	2.08	0.21	0.04	0.00	0.14	0.02	1.59	0.01	0.04	0.01	0.02
674	490440	3624566	1.74	0.19	0.03	0.00	0.12	0.01	1.31	0.01	0.03	0.01	0.02
675	490450	3624566	1.47	0.17	0.03	0.00	0.10	0.01	1.09	0.01	0.03	0.01	0.02
676	490460	3624566	1.26	0.16	0.03	0.00	0.09	0.01	0.92	0.01	0.03	0.01	0.01
677	490210	3624576	0.55	0.24	0.04	0.00	0.03	0.00	0.22	0.00	0.01	0.00	0.00
678	490220	3624576	0.64	0.28	0.05	0.00	0.03	0.00	0.25	0.00	0.01	0.00	0.01
679	490230	3624576	0.75	0.34	0.06	0.00	0.04	0.00	0.29	0.00	0.01	0.00	0.01
680	490240	3624576	0.89	0.40	0.07	0.00	0.04	0.00	0.34	0.00	0.01	0.00	0.01
681	490250	3624576	1.07	0.49	0.09	0.00	0.05	0.01	0.41	0.00	0.02	0.00	0.01
682	490260	3624576	1.29	0.60	0.10	0.00	0.06	0.01	0.49	0.00	0.02	0.00	0.01
683	490270	3624576	1.56	0.71	0.12	0.00	0.07	0.01	0.61	0.01	0.02	0.00	0.01
684	490280	3624576	1.88	0.82	0.14	0.00	0.08	0.01	0.77	0.01	0.03	0.01	0.01
685	490290	3624576	2.23	0.90	0.16	0.00	0.10	0.01	0.99	0.01	0.03	0.01	0.02
686	490300	3624576	2.60	0.93	0.16	0.00	0.12	0.01	1.29	0.01	0.04	0.01	0.02
687	490310	3624576	3.03	0.90	0.16	0.00	0.15	0.02	1.70	0.01	0.05	0.01	0.03
688	490320	3624576	3.49	0.83	0.14	0.00	0.18	0.02	2.19	0.02	0.06	0.01	0.03
689	490330	3624576	3.91	0.73	0.13	0.00	0.21	0.02	2.69	0.02	0.06	0.01	0.03
690	490340	3624576	4.27	0.64	0.11	0.00	0.23	0.03	3.12	0.03	0.07	0.02	0.04
691	490350	3624576	4.48	0.55	0.10	0.00	0.25	0.03	3.40	0.03	0.07	0.02	0.04
692	490360	3624576	4.50	0.47	0.08	0.00	0.25	0.03	3.51	0.03	0.07	0.02	0.04
693	490370	3624576	4.34	0.41	0.07	0.00	0.25	0.03	3.42	0.03	0.07	0.02	0.04
694	490380	3624576	4.00	0.36	0.06	0.00	0.23	0.03	3.17	0.03	0.07	0.02	0.04
695	490390	3624576	3.53	0.32	0.06	0.00	0.21	0.02	2.78	0.02	0.06	0.01	0.04
696	490400	3624576	3.01	0.28	0.05	0.00	0.19	0.02	2.35	0.02	0.05	0.01	0.03
697	490410	3624576	2.52	0.25	0.04	0.00	0.16	0.02	1.95	0.02	0.05	0.01	0.03
698	490420	3624576	2.13	0.22	0.04	0.00	0.14	0.02	1.63	0.01	0.04	0.01	0.02
699	490430	3624576	1.80	0.20	0.03	0.00	0.12	0.01	1.36	0.01	0.03	0.01	0.02
700	490440	3624576	1.53	0.18	0.03	0.00	0.10	0.01	1.14	0.01	0.03	0.01	0.02
701	490450	3624576	1.32	0.16	0.03	0.00	0.09	0.01	0.97	0.01	0.03	0.01	0.01
702	490460	3624576	1.14	0.15	0.03	0.00	0.08	0.01	0.83	0.01	0.02	0.01	0.01
703	490210	3624586	0.51	0.21	0.04	0.00	0.03	0.00	0.21	0.00	0.01	0.00	0.00
704	490220	3624586	0.59	0.25	0.04	0.00	0.03	0.00	0.24	0.00	0.01	0.00	0.00

Franklin School Project

Mitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
6.58	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
705	490230	3624586	0.68	0.29	0.05	0.00	0.03	0.00	0.28	0.00	0.01	0.00	0.01
706	490240	3624586	0.79	0.34	0.06	0.00	0.04	0.00	0.32	0.00	0.01	0.00	0.01
707	490250	3624586	0.93	0.40	0.07	0.00	0.04	0.00	0.38	0.00	0.02	0.00	0.01
708	490260	3624586	1.11	0.47	0.08	0.00	0.05	0.01	0.46	0.00	0.02	0.00	0.01
709	490270	3624586	1.30	0.55	0.10	0.00	0.06	0.01	0.55	0.00	0.02	0.00	0.01
710	490280	3624586	1.54	0.61	0.11	0.00	0.07	0.01	0.69	0.01	0.02	0.00	0.01
711	490290	3624586	1.78	0.66	0.12	0.00	0.09	0.01	0.85	0.01	0.03	0.01	0.01
712	490300	3624586	2.06	0.68	0.12	0.00	0.10	0.01	1.07	0.01	0.03	0.01	0.02
713	490310	3624586	2.34	0.67	0.12	0.00	0.12	0.01	1.33	0.01	0.04	0.01	0.02
714	490320	3624586	2.64	0.63	0.11	0.00	0.14	0.02	1.65	0.01	0.04	0.01	0.02
715	490330	3624586	2.91	0.58	0.10	0.00	0.16	0.02	1.95	0.02	0.05	0.01	0.03
716	490340	3624586	3.12	0.52	0.09	0.00	0.17	0.02	2.20	0.02	0.05	0.01	0.03
717	490350	3624586	3.24	0.46	0.08	0.00	0.18	0.02	2.38	0.02	0.05	0.01	0.03
718	490360	3624586	3.26	0.41	0.07	0.00	0.19	0.02	2.46	0.02	0.05	0.01	0.03
719	490370	3624586	3.18	0.36	0.06	0.00	0.18	0.02	2.43	0.02	0.05	0.01	0.03
720	490380	3624586	2.99	0.32	0.06	0.00	0.18	0.02	2.30	0.02	0.05	0.01	0.03
721	490390	3624586	2.71	0.29	0.05	0.00	0.17	0.02	2.09	0.02	0.05	0.01	0.03
722	490400	3624586	2.39	0.25	0.04	0.00	0.15	0.02	1.83	0.02	0.04	0.01	0.02
723	490410	3624586	2.08	0.23	0.04	0.00	0.13	0.01	1.58	0.01	0.04	0.01	0.02
724	490420	3624586	1.81	0.21	0.04	0.00	0.12	0.01	1.36	0.01	0.03	0.01	0.02
725	490430	3624586	1.56	0.19	0.03	0.00	0.10	0.01	1.16	0.01	0.03	0.01	0.02
726	490440	3624586	1.36	0.17	0.03	0.00	0.09	0.01	1.00	0.01	0.03	0.01	0.02
727	490450	3624586	1.18	0.15	0.03	0.00	0.08	0.01	0.86	0.01	0.02	0.01	0.01
728	490460	3624586	1.04	0.14	0.02	0.00	0.07	0.01	0.75	0.01	0.02	0.00	0.01
729	490210	3624596	0.47	0.19	0.03	0.00	0.02	0.00	0.20	0.00	0.01	0.00	0.00
730	490220	3624596	0.54	0.22	0.04	0.00	0.03	0.00	0.23	0.00	0.01	0.00	0.00
731	490230	3624596	0.62	0.25	0.04	0.00	0.03	0.00	0.26	0.00	0.01	0.00	0.01
732	490240	3624596	0.71	0.29	0.05	0.00	0.04	0.00	0.31	0.00	0.01	0.00	0.01
733	490250	3624596	0.82	0.34	0.06	0.00	0.04	0.00	0.36	0.00	0.01	0.00	0.01
734	490260	3624596	0.96	0.39	0.07	0.00	0.05	0.01	0.42	0.00	0.02	0.00	0.01
735	490270	3624596	1.11	0.43	0.08	0.00	0.05	0.01	0.50	0.00	0.02	0.00	0.01
736	490280	3624596	1.28	0.48	0.08	0.00	0.06	0.01	0.61	0.01	0.02	0.00	0.01
737	490290	3624596	1.46	0.51	0.09	0.00	0.07	0.01	0.73	0.01	0.02	0.00	0.01
738	490300	3624596	1.66	0.53	0.09	0.00	0.09	0.01	0.89	0.01	0.03	0.01	0.01
739	490310	3624596	1.86	0.52	0.09	0.00	0.10	0.01	1.07	0.01	0.03	0.01	0.02
740	490320	3624596	2.06	0.50	0.09	0.00	0.11	0.01	1.27	0.01	0.03	0.01	0.02
741	490330	3624596	2.24	0.47	0.08	0.00	0.12	0.01	1.47	0.01	0.04	0.01	0.02
742	490340	3624596	2.38	0.43	0.08	0.00	0.13	0.01	1.63	0.01	0.04	0.01	0.02
743	490350	3624596	2.46	0.39	0.07	0.00	0.14	0.02	1.75	0.02	0.04	0.01	0.02
744	490360	3624596	2.48	0.36	0.06	0.00	0.14	0.02	1.81	0.02	0.04	0.01	0.02
745	490370	3624596	2.44	0.32	0.06	0.00	0.14	0.02	1.81	0.02	0.04	0.01	0.02
746	490380	3624596	2.33	0.29	0.05	0.00	0.14	0.02	1.75	0.02	0.04	0.01	0.02
747	490390	3624596	2.16	0.26	0.05	0.00	0.13	0.01	1.62	0.01	0.04	0.01	0.02
748	490400	3624596	1.95	0.23	0.04	0.00	0.12	0.01	1.46	0.01	0.04	0.01	0.02

Franklin School Project

Mitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
6.58	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
749	490410	3624596	1.73	0.21	0.04	0.00	0.11	0.01	1.30	0.01	0.03	0.01	0.02
750	490420	3624596	1.54	0.19	0.03	0.00	0.10	0.01	1.14	0.01	0.03	0.01	0.02
751	490430	3624596	1.36	0.17	0.03	0.00	0.09	0.01	1.00	0.01	0.03	0.01	0.01
752	490440	3624596	1.20	0.16	0.03	0.00	0.08	0.01	0.87	0.01	0.02	0.01	0.01
753	490450	3624596	1.06	0.14	0.03	0.00	0.07	0.01	0.77	0.01	0.02	0.00	0.01
754	490460	3624596	0.94	0.13	0.02	0.00	0.07	0.01	0.67	0.01	0.02	0.00	0.01
755	490210	3624606	0.44	0.17	0.03	0.00	0.02	0.00	0.19	0.00	0.01	0.00	0.00
756	490220	3624606	0.49	0.20	0.03	0.00	0.03	0.00	0.22	0.00	0.01	0.00	0.00
757	490230	3624606	0.56	0.22	0.04	0.00	0.03	0.00	0.25	0.00	0.01	0.00	0.00
758	490240	3624606	0.64	0.25	0.04	0.00	0.03	0.00	0.28	0.00	0.01	0.00	0.01
759	490250	3624606	0.73	0.29	0.05	0.00	0.04	0.00	0.33	0.00	0.01	0.00	0.01
760	490260	3624606	0.84	0.32	0.06	0.00	0.04	0.00	0.38	0.00	0.01	0.00	0.01
761	490270	3624606	0.95	0.35	0.06	0.00	0.05	0.01	0.45	0.00	0.02	0.00	0.01
762	490280	3624606	1.09	0.38	0.07	0.00	0.06	0.01	0.54	0.00	0.02	0.00	0.01
763	490290	3624606	1.22	0.41	0.07	0.00	0.06	0.01	0.63	0.01	0.02	0.00	0.01
764	490300	3624606	1.37	0.42	0.07	0.00	0.07	0.01	0.75	0.01	0.02	0.00	0.01
765	490310	3624606	1.51	0.42	0.07	0.00	0.08	0.01	0.87	0.01	0.03	0.01	0.01
766	490320	3624606	1.65	0.41	0.07	0.00	0.09	0.01	1.01	0.01	0.03	0.01	0.02
767	490330	3624606	1.78	0.39	0.07	0.00	0.10	0.01	1.15	0.01	0.03	0.01	0.02
768	490340	3624606	1.87	0.37	0.06	0.00	0.11	0.01	1.26	0.01	0.03	0.01	0.02
769	490350	3624606	1.93	0.34	0.06	0.00	0.11	0.01	1.34	0.01	0.03	0.01	0.02
770	490360	3624606	1.96	0.31	0.05	0.00	0.12	0.01	1.40	0.01	0.03	0.01	0.02
771	490370	3624606	1.95	0.28	0.05	0.00	0.12	0.01	1.41	0.01	0.03	0.01	0.02
772	490380	3624606	1.88	0.26	0.05	0.00	0.11	0.01	1.38	0.01	0.03	0.01	0.02
773	490390	3624606	1.77	0.23	0.04	0.00	0.11	0.01	1.31	0.01	0.03	0.01	0.02
774	490400	3624606	1.62	0.21	0.04	0.00	0.10	0.01	1.19	0.01	0.03	0.01	0.02
775	490410	3624606	1.47	0.19	0.03	0.00	0.09	0.01	1.08	0.01	0.03	0.01	0.02
776	490420	3624606	1.33	0.18	0.03	0.00	0.09	0.01	0.97	0.01	0.03	0.01	0.01
777	490430	3624606	1.19	0.16	0.03	0.00	0.08	0.01	0.87	0.01	0.02	0.01	0.01
778	490440	3624606	1.07	0.15	0.03	0.00	0.07	0.01	0.77	0.01	0.02	0.00	0.01
779	490450	3624606	0.96	0.14	0.02	0.00	0.07	0.01	0.68	0.01	0.02	0.00	0.01
780	490460	3624606	0.86	0.12	0.02	0.00	0.06	0.01	0.61	0.01	0.02	0.00	0.01
781	490210	3624616	0.41	0.16	0.03	0.00	0.02	0.00	0.19	0.00	0.01	0.00	0.00
782	490220	3624616	0.46	0.18	0.03	0.00	0.02	0.00	0.21	0.00	0.01	0.00	0.00
783	490230	3624616	0.51	0.20	0.03	0.00	0.03	0.00	0.23	0.00	0.01	0.00	0.00
784	490240	3624616	0.58	0.22	0.04	0.00	0.03	0.00	0.27	0.00	0.01	0.00	0.00
785	490250	3624616	0.65	0.25	0.04	0.00	0.03	0.00	0.30	0.00	0.01	0.00	0.01
786	490260	3624616	0.74	0.27	0.05	0.00	0.04	0.00	0.35	0.00	0.01	0.00	0.01
787	490270	3624616	0.83	0.30	0.05	0.00	0.04	0.00	0.41	0.00	0.01	0.00	0.01
788	490280	3624616	0.93	0.32	0.06	0.00	0.05	0.01	0.48	0.00	0.02	0.00	0.01
789	490290	3624616	1.04	0.33	0.06	0.00	0.06	0.01	0.55	0.00	0.02	0.00	0.01
790	490300	3624616	1.14	0.34	0.06	0.00	0.06	0.01	0.63	0.01	0.02	0.00	0.01
791	490310	3624616	1.25	0.35	0.06	0.00	0.07	0.01	0.73	0.01	0.02	0.00	0.01
792	490320	3624616	1.36	0.34	0.06	0.00	0.08	0.01	0.82	0.01	0.02	0.01	0.01

Franklin School Project

Mitigated Residential - Residential Construction Cancer Risk Summary

666	Receptor
6.58	**Max**

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4
793	490330	3624616	1.45	0.33	0.06	0.00	0.08	0.01	0.92	0.01	0.03	0.01	0.01
794	490340	3624616	1.52	0.31	0.05	0.00	0.09	0.01	1.00	0.01	0.03	0.01	0.01
795	490350	3624616	1.57	0.29	0.05	0.00	0.09	0.01	1.06	0.01	0.03	0.01	0.02
796	490360	3624616	1.60	0.27	0.05	0.00	0.10	0.01	1.11	0.01	0.03	0.01	0.02
797	490370	3624616	1.59	0.25	0.04	0.00	0.10	0.01	1.13	0.01	0.03	0.01	0.02
798	490380	3624616	1.55	0.23	0.04	0.00	0.10	0.01	1.11	0.01	0.03	0.01	0.02
799	490390	3624616	1.48	0.21	0.04	0.00	0.09	0.01	1.07	0.01	0.03	0.01	0.02
800	490400	3624616	1.37	0.19	0.03	0.00	0.09	0.01	0.99	0.01	0.03	0.01	0.01
801	490410	3624616	1.26	0.18	0.03	0.00	0.08	0.01	0.91	0.01	0.02	0.01	0.01
802	490420	3624616	1.16	0.16	0.03	0.00	0.08	0.01	0.83	0.01	0.02	0.01	0.01
803	490430	3624616	1.05	0.15	0.03	0.00	0.07	0.01	0.76	0.01	0.02	0.00	0.01
804	490440	3624616	0.96	0.14	0.02	0.00	0.06	0.01	0.68	0.01	0.02	0.00	0.01
805	490450	3624616	0.87	0.13	0.02	0.00	0.06	0.01	0.61	0.01	0.02	0.00	0.01
806	490460	3624616	0.78	0.12	0.02	0.00	0.05	0.01	0.55	0.00	0.02	0.00	0.01

Franklin School Project

Mitigated Residential - Residential Construction Health Impact Assessment

547	Receptor
0.05	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
1	2.16E-04	1.63E-05	6.83E-06	2.27E-07	4.7E-05	1.93E-05	3.19E-05	5.38E-06	2.93E-05	2.97876E-05	2.97876E-05
2	2.38E-04	1.8E-05	7.52E-06	2.59E-07	5.19E-05	2.13E-05	3.49E-05	5.88E-06	3.23E-05	3.28392E-05	3.28392E-05
3	2.61E-04	1.98E-05	8.25E-06	2.89E-07	5.71E-05	2.34E-05	3.81E-05	6.41E-06	3.55E-05	3.61169E-05	3.61169E-05
4	2.85E-04	2.16E-05	8.99E-06	3.17E-07	6.26E-05	2.56E-05	4.14E-05	6.95E-06	3.89E-05	3.95618E-05	3.95618E-05
5	3.10E-04	2.34E-05	9.71E-06	3.41E-07	6.8E-05	2.79E-05	4.46E-05	7.5E-06	4.23E-05	4.30497E-05	4.30497E-05
6	3.33E-04	2.51E-05	1.04E-05	3.6E-07	7.33E-05	3.01E-05	4.77E-05	8.03E-06	4.55E-05	4.64105E-05	4.64105E-05
7	3.57E-04	2.68E-05	1.1E-05	3.72E-07	7.85E-05	3.23E-05	5.09E-05	8.57E-06	4.89E-05	4.98163E-05	4.98163E-05
8	3.77E-04	2.84E-05	1.17E-05	3.77E-07	8.28E-05	3.42E-05	5.35E-05	9.01E-06	5.16E-05	5.26412E-05	5.26412E-05
9	4.00E-04	3.01E-05	1.24E-05	3.83E-07	8.79E-05	3.63E-05	5.64E-05	9.52E-06	5.49E-05	5.59514E-05	5.59514E-05
10	4.21E-04	3.19E-05	1.32E-05	3.94E-07	9.25E-05	3.82E-05	5.9E-05	9.96E-06	5.79E-05	5.89181E-05	5.89181E-05
11	4.53E-04	3.4E-05	1.41E-05	4.07E-07	9.97E-05	4.13E-05	6.3E-05	1.07E-05	6.25E-05	6.36202E-05	6.36202E-05
12	4.85E-04	3.59E-05	1.5E-05	4.13E-07	0.000107	4.44E-05	6.73E-05	1.14E-05	6.7E-05	6.83624E-05	6.83624E-05
13	5.13E-04	3.74E-05	1.57E-05	4.08E-07	0.000113	4.71E-05	7.11E-05	1.21E-05	7.09E-05	7.24858E-05	7.24858E-05
14	5.35E-04	3.84E-05	1.61E-05	3.92E-07	0.000118	4.93E-05	7.46E-05	1.27E-05	7.41E-05	7.58801E-05	7.58801E-05
15	5.51E-04	3.86E-05	1.62E-05	3.66E-07	0.000121	5.09E-05	7.75E-05	1.32E-05	7.62E-05	7.82846E-05	7.82846E-05
16	5.57E-04	3.8E-05	1.6E-05	3.35E-07	0.000123	5.15E-05	7.94E-05	1.36E-05	7.68E-05	7.91909E-05	7.91909E-05
17	2.45E-04	1.88E-05	7.8E-06	3.64E-07	5.39E-05	2.17E-05	3.61E-05	6.01E-06	3.29E-05	3.35523E-05	3.35523E-05
18	2.73E-04	2.11E-05	8.74E-06	4.07E-07	6.03E-05	2.42E-05	4E-05	6.65E-06	3.69E-05	3.75098E-05	3.75098E-05
19	3.04E-04	2.35E-05	9.73E-06	4.5E-07	6.71E-05	2.7E-05	4.41E-05	7.34E-06	4.11E-05	4.18163E-05	4.18163E-05
20	3.37E-04	2.61E-05	1.08E-05	4.91E-07	7.46E-05	3.01E-05	4.85E-05	8.07E-06	4.57E-05	4.65038E-05	4.65038E-05
21	3.71E-04	2.88E-05	1.18E-05	5.3E-07	8.22E-05	3.32E-05	5.29E-05	8.81E-06	5.05E-05	5.13502E-05	5.13502E-05
22	4.05E-04	3.14E-05	1.28E-05	5.58E-07	8.98E-05	3.63E-05	5.73E-05	9.55E-06	5.52E-05	5.61743E-05	5.61743E-05
23	4.39E-04	3.4E-05	1.37E-05	5.62E-07	9.71E-05	3.95E-05	6.15E-05	1.03E-05	5.99E-05	6.10067E-05	6.10067E-05
24	4.67E-04	3.63E-05	1.47E-05	5.37E-07	0.000103	4.22E-05	6.5E-05	1.09E-05	6.4E-05	6.51188E-05	6.51188E-05
25	5.00E-04	3.87E-05	1.58E-05	5.34E-07	0.00011	4.53E-05	6.9E-05	1.16E-05	6.88E-05	6.98232E-05	6.98232E-05
26	5.32E-04	4.13E-05	1.7E-05	5.5E-07	0.000117	4.83E-05	7.3E-05	1.23E-05	7.35E-05	7.45111E-05	7.45111E-05
27	5.80E-04	4.41E-05	1.83E-05	5.64E-07	0.000128	5.3E-05	7.89E-05	1.33E-05	8.03E-05	8.16095E-05	8.16095E-05
28	6.25E-04	4.64E-05	1.94E-05	5.58E-07	0.000138	5.74E-05	8.49E-05	1.43E-05	8.66E-05	8.83148E-05	8.83148E-05
29	6.60E-04	4.8E-05	2.01E-05	5.32E-07	0.000146	6.09E-05	9E-05	1.53E-05	9.18E-05	9.37504E-05	9.37504E-05
30	6.85E-04	4.84E-05	2.04E-05	4.89E-07	0.000152	6.34E-05	9.44E-05	1.6E-05	9.51E-05	9.75095E-05	9.75095E-05
31	6.95E-04	4.77E-05	2.01E-05	4.38E-07	0.000154	6.45E-05	9.75E-05	1.66E-05	9.63E-05	9.91762E-05	9.91762E-05
32	6.89E-04	4.6E-05	1.94E-05	3.87E-07	0.000152	6.41E-05	9.86E-05	1.68E-05	9.52E-05	9.84131E-05	9.84131E-05
33	2.75E-04	2.15E-05	8.96E-06	3.49E-07	6E-05	2.44E-05	4.02E-05	6.73E-06	3.71E-05	3.76535E-05	3.76535E-05
34	3.13E-04	2.47E-05	1.02E-05	4.95E-07	6.9E-05	2.76E-05	4.55E-05	7.54E-06	4.22E-05	4.27958E-05	4.27958E-05
35	3.52E-04	2.79E-05	1.16E-05	4.15E-07	7.69E-05	3.14E-05	5.04E-05	8.45E-06	4.8E-05	4.84958E-05	4.84958E-05
36	3.98E-04	3.17E-05	1.31E-05	4.74E-07	8.72E-05	3.56E-05	5.63E-05	9.44E-06	5.44E-05	5.49868E-05	5.49868E-05
37	4.48E-04	3.58E-05	1.47E-05	5.4E-07	9.84E-05	4.01E-05	6.26E-05	1.05E-05	6.13E-05	6.19675E-05	6.19675E-05
38	4.98E-04	4.05E-05	1.62E-05	5.96E-07	0.00011	4.47E-05	6.88E-05	1.15E-05	6.83E-05	6.90441E-05	6.90441E-05
39	5.52E-04	4.68E-05	1.76E-05	6.9E-07	0.000122	4.95E-05	7.53E-05	1.26E-05	7.55E-05	7.64524E-05	7.64524E-05
40	5.98E-04	4.89E-05	1.91E-05	7.92E-07	0.000132	5.38E-05	8.12E-05	1.35E-05	8.2E-05	8.30522E-05	8.30522E-05
41	6.44E-04	5.16E-05	2.08E-05	7.83E-07	0.000143	5.82E-05	8.67E-05	1.45E-05	8.89E-05	8.98511E-05	8.98511E-05
42	6.97E-04	5.53E-05	2.27E-05	8.12E-07	0.000155	6.33E-05	9.28E-05	1.55E-05	9.67E-05	9.76541E-05	9.76541E-05
43	7.71E-04	5.91E-05	2.45E-05	8.09E-07	0.000172	7.06E-05	0.000102	1.71E-05	0.000107	0.000108873	0.000108873
44	8.30E-04	6.17E-05	2.58E-05	7.61E-07	0.000185	7.66E-05	0.00011	1.86E-05	0.000116	0.000118035	0.000118035

Franklin School Project

Mitigated Residential - Residential Construction Health Impact Assessment

547	Receptor
0.05	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
45	8.73E-04	6.25E-05	2.63E-05	6.83E-07	0.000194	8.1E-05	0.000117	1.98E-05	0.000122	0.000124604	0.000124604
46	8.91E-04	6.15E-05	2.59E-05	5.94E-07	0.000198	8.3E-05	0.000122	2.08E-05	0.000124	0.000127655	0.000127655
47	8.84E-04	5.89E-05	2.48E-05	5.08E-07	0.000196	8.25E-05	0.000124	2.12E-05	0.000123	0.000126713	0.000126713
48	8.54E-04	5.51E-05	2.33E-05	4.3E-07	0.000189	7.97E-05	0.000123	2.11E-05	0.000118	0.000122312	0.000122312
49	3.09E-04	2.47E-05	1.03E-05	3.59E-07	6.71E-05	2.74E-05	4.5E-05	7.55E-06	4.19E-05	4.23009E-05	4.23009E-05
50	3.58E-04	2.89E-05	1.2E-05	5.13E-07	7.84E-05	3.16E-05	5.16E-05	8.59E-06	4.85E-05	4.89317E-05	4.89317E-05
51	4.13E-04	3.37E-05	1.4E-05	4.64E-07	8.97E-05	3.68E-05	5.84E-05	9.81E-06	5.64E-05	5.6694E-05	5.6694E-05
52	4.79E-04	3.94E-05	1.63E-05	5.59E-07	0.000104	4.27E-05	6.66E-05	1.12E-05	6.56E-05	6.58916E-05	6.58916E-05
53	5.53E-04	4.59E-05	1.88E-05	6.84E-07	0.000121	4.94E-05	7.57E-05	1.27E-05	7.6E-05	7.62713E-05	7.62713E-05
54	6.34E-04	5.49E-05	2.12E-05	8.19E-07	0.000139	5.66E-05	8.52E-05	1.42E-05	8.69E-05	8.73964E-05	8.73964E-05
55	7.14E-04	6.08E-05	2.36E-05	9.96E-07	0.000158	6.39E-05	9.49E-05	1.58E-05	9.81E-05	9.87781E-05	9.87781E-05
56	7.86E-04	6.81E-05	2.59E-05	1.18E-06	0.000175	7.03E-05	0.000103	1.71E-05	0.000108	0.000108797	0.000108797
57	8.62E-04	7.14E-05	2.88E-05	1.26E-06	0.000192	7.77E-05	0.000112	1.86E-05	0.000119	0.000120068	0.000120068
58	9.55E-04	7.74E-05	3.19E-05	1.28E-06	0.000214	8.67E-05	0.000122	2.03E-05	0.000133	0.000133943	0.000133943
59	1.07E-03	8.22E-05	3.43E-05	1.18E-06	0.000241	9.89E-05	0.000137	2.3E-05	0.00015	0.000152495	0.000152495
60	1.15E-03	8.4E-05	3.53E-05	1.02E-06	0.000257	0.000107	0.000148	2.5E-05	0.000161	0.000164364	0.000164364
61	1.18E-03	8.23E-05	3.47E-05	8.46E-07	0.000265	0.000111	0.000157	2.66E-05	0.000166	0.000170183	0.000170183
62	1.17E-03	7.8E-05	3.29E-05	6.89E-07	0.000262	0.00011	0.000161	2.75E-05	0.000164	0.000169103	0.000169103
63	1.12E-03	7.18E-05	3.04E-05	5.6E-07	0.00025	0.000105	0.00016	2.74E-05	0.000156	0.000161945	0.000161945
64	1.05E-03	6.49E-05	2.75E-05	4.55E-07	0.000232	9.82E-05	0.000154	2.64E-05	0.000144	0.000150705	0.000150705
65	3.47E-04	2.84E-05	1.19E-05	4.02E-07	7.52E-05	3.07E-05	5.04E-05	8.46E-06	4.72E-05	4.74313E-05	4.74313E-05
66	4.09E-04	3.4E-05	1.42E-05	4.77E-07	8.87E-05	3.62E-05	5.84E-05	9.81E-06	5.58E-05	5.59242E-05	5.59242E-05
67	4.88E-04	4.11E-05	1.72E-05	5.86E-07	0.000106	4.32E-05	6.83E-05	1.14E-05	6.67E-05	6.6637E-05	6.6637E-05
68	5.84E-04	5E-05	2.07E-05	7.52E-07	0.000127	5.17E-05	8E-05	1.34E-05	8.01E-05	7.98769E-05	7.98769E-05
69	6.98E-04	6.06E-05	2.48E-05	1.01E-06	0.000153	6.19E-05	9.36E-05	1.55E-05	9.6E-05	9.5714E-05	9.5714E-05
70	8.32E-04	7.47E-05	2.91E-05	1.37E-06	0.000184	7.37E-05	0.000109	1.79E-05	0.000114	0.000114056	0.000114056
71	9.71E-04	8.69E-05	3.33E-05	1.77E-06	0.000217	8.62E-05	0.000125	2.04E-05	0.000133	0.000133643	0.000133643
72	1.10E-03	9.72E-05	3.77E-05	2.16E-06	0.000248	9.77E-05	0.000139	2.26E-05	0.000151	0.000151628	0.000151628
73	1.24E-03	0.000105	4.29E-05	2.33E-06	0.000281	0.000111	0.000154	2.51E-05	0.000173	0.00017261	0.00017261
74	1.43E-03	0.000115	4.77E-05	2.1E-06	0.000323	0.000131	0.000174	2.87E-05	0.000201	0.000201904	0.000201904
75	1.57E-03	0.000118	4.97E-05	1.67E-06	0.000356	0.000146	0.000192	3.22E-05	0.000223	0.000225817	0.000225817
76	1.65E-03	0.000116	4.89E-05	1.29E-06	0.000371	0.000155	0.000208	3.51E-05	0.000233	0.000238376	0.000238376
77	1.63E-03	0.000108	4.56E-05	9.75E-07	0.000367	0.000154	0.000216	3.68E-05	0.00023	0.000236948	0.000236948
78	1.55E-03	9.73E-05	4.12E-05	7.46E-07	0.000345	0.000146	0.000216	3.69E-05	0.000215	0.000224208	0.000224208
79	1.42E-03	8.56E-05	3.63E-05	5.79E-07	0.000314	0.000133	0.000206	3.54E-05	0.000195	0.000204725	0.000204725
80	1.26E-03	7.44E-05	3.15E-05	4.57E-07	0.000279	0.000119	0.000191	3.29E-05	0.000173	0.000182003	0.000182003
81	3.87E-04	3.23E-05	1.36E-05	3.31E-07	8.26E-05	3.42E-05	5.58E-05	9.46E-06	5.27E-05	5.27266E-05	5.27266E-05
82	4.67E-04	3.99E-05	1.68E-05	4.22E-07	9.98E-05	4.13E-05	6.61E-05	1.12E-05	6.39E-05	6.36178E-05	6.36178E-05
83	5.74E-04	5.04E-05	2.11E-05	5.73E-07	0.000123	5.07E-05	7.94E-05	1.34E-05	7.89E-05	7.81485E-05	7.81485E-05
84	7.15E-04	6.42E-05	2.68E-05	8.41E-07	0.000154	6.3E-05	9.62E-05	1.61E-05	9.86E-05	9.72282E-05	9.72282E-05
85	8.98E-04	8.23E-05	3.4E-05	1.37E-06	0.000196	7.89E-05	0.000117	1.94E-05	0.000124	0.00012202	0.00012202
86	1.14E-03	0.000106	4.24E-05	2.46E-06	0.000254	9.91E-05	0.000144	2.32E-05	0.000156	0.000154036	0.000154036
87	1.41E-03	0.00013	5.09E-05	4.2E-06	0.000327	0.000123	0.000175	2.74E-05	0.000192	0.000191695	0.000191695
88	1.70E-03	0.000152	6.03E-05	5.53E-06	0.000399	0.000148	0.000205	3.16E-05	0.000232	0.000231652	0.000231652

Franklin School Project

Mitigated Residential - Residential Construction Health Impact Assessment

547	Receptor
0.05	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
89	1.96E-03	0.000171	7.04E-05	4.76E-06	0.000454	0.000175	0.000227	3.6E-05	0.000274	0.000272926	0.000272926
90	2.29E-03	0.000181	7.56E-05	3.23E-06	0.000526	0.000213	0.000259	4.27E-05	0.000327	0.000329073	0.000329073
91	2.44E-03	0.000175	7.37E-05	2.13E-06	0.000558	0.000232	0.000285	4.8E-05	0.00035	0.000356791	0.000356791
92	2.42E-03	0.000159	6.73E-05	1.44E-06	0.00055	0.000232	0.000304	5.18E-05	0.000345	0.000355987	0.000355987
93	2.26E-03	0.000138	5.86E-05	1.01E-06	0.000508	0.000215	0.000306	5.23E-05	0.000317	0.000330133	0.000330133
94	2.01E-03	0.000117	4.97E-05	7.4E-07	0.000447	0.00019	0.000289	4.98E-05	0.000278	0.000291866	0.000291866
95	1.73E-03	9.83E-05	4.17E-05	5.57E-07	0.000384	0.000163	0.000263	4.52E-05	0.000237	0.000250689	0.000250689
96	1.48E-03	8.21E-05	3.48E-05	4.32E-07	0.000325	0.000138	0.000232	4E-05	0.0002	0.000212308	0.000212308
97	4.25E-04	3.63E-05	1.53E-05	3.07E-07	9.01E-05	3.76E-05	6.15E-05	1.05E-05	5.81E-05	5.78637E-05	5.78637E-05
98	5.27E-04	4.64E-05	1.96E-05	4.09E-07	0.000112	4.65E-05	7.46E-05	1.27E-05	7.23E-05	7.15285E-05	7.15285E-05
99	6.72E-04	6.15E-05	2.59E-05	5.94E-07	0.000142	5.9E-05	9.24E-05	1.56E-05	9.25E-05	9.08367E-05	9.08367E-05
100	8.76E-04	8.36E-05	3.51E-05	9.66E-07	0.000187	7.65E-05	0.000116	1.95E-05	0.000121	0.000118051	0.000118051
101	1.17E-03	0.000116	4.86E-05	1.9E-06	0.000254	0.000101	0.000149	2.45E-05	0.000162	0.000157173	0.000157173
102	1.64E-03	0.000166	6.74E-05	5.26E-06	0.000373	0.000138	0.0002	3.1E-05	0.000222	0.000216416	0.000216416
103	2.42E-03	0.000224	8.9E-05	1.98E-05	0.000638	0.000188	0.000305	3.86E-05	0.000302	0.000307123	0.000307123
104	3.09E-03	0.00028	0.000113	2.22E-05	0.000807	0.00025	0.000364	4.71E-05	0.000399	0.000404328	0.000404328
105	3.54E-03	0.000314	0.000131	8.77E-06	0.000835	0.000322	0.000361	5.63E-05	0.000507	0.000501402	0.000501402
106	4.05E-03	0.000298	0.000126	4.04E-06	0.000945	0.000391	0.000413	6.89E-05	0.000595	0.000602117	0.000602117
107	3.98E-03	0.000256	0.000108	2.23E-06	0.000922	0.000389	0.000455	7.74E-05	0.000578	0.000597271	0.000597271
108	3.59E-03	0.00021	8.91E-05	1.39E-06	0.000818	0.000348	0.000465	7.99E-05	0.000509	0.000533108	0.000533108
109	3.04E-03	0.000168	7.14E-05	9.41E-07	0.000683	0.000291	0.000435	7.49E-05	0.000422	0.000446423	0.000446423
110	2.50E-03	0.000134	5.69E-05	6.73E-07	0.000554	0.000237	0.000382	6.58E-05	0.000341	0.000362826	0.000362826
111	2.02E-03	0.000107	4.55E-05	5.03E-07	0.000445	0.00019	0.000323	5.57E-05	0.000273	0.000291496	0.000291496
112	1.64E-03	8.63E-05	3.67E-05	3.88E-07	0.000359	0.000154	0.00027	4.67E-05	0.00022	0.000235616	0.000235616
113	4.62E-04	4.01E-05	1.7E-05	2.91E-07	9.71E-05	4.07E-05	6.71E-05	1.14E-05	6.3E-05	6.25506E-05	6.25506E-05
114	5.87E-04	5.32E-05	2.25E-05	3.97E-07	0.000123	5.15E-05	8.34E-05	1.42E-05	8.05E-05	7.92003E-05	7.92003E-05
115	7.73E-04	7.38E-05	3.12E-05	5.89E-07	0.000162	6.74E-05	0.000106	1.81E-05	0.000107	0.000103665	0.000103665
116	1.06E-03	0.000108	4.56E-05	9.85E-07	0.000222	9.15E-05	0.000139	2.35E-05	0.000147	0.000140995	0.000140995
117	1.53E-03	0.000169	7.12E-05	2.05E-06	0.000322	0.00013	0.000189	3.14E-05	0.000213	0.000201365	0.000201365
118	8.06E-03	0.000484	0.000205	3.53E-06	0.001937	0.000822	0.000746	0.000127	0.001213	0.00126189	0.00126189
119	6.56E-03	0.000351	0.000149	1.89E-06	0.00153	0.000654	0.000791	0.000136	0.000947	0.001002075	0.001002075
120	5.09E-03	0.000256	0.000109	1.18E-06	0.001156	0.000495	0.000726	0.000125	0.000708	0.0007582	0.0007582
121	3.85E-03	0.000189	8.03E-05	7.99E-07	0.000857	0.000367	0.000602	0.000104	0.000523	0.00056296	0.00056296
122	2.90E-03	0.000142	6.05E-05	5.76E-07	0.000639	0.000274	0.000478	8.26E-05	0.000389	0.000419496	0.000419496
123	2.22E-03	0.000109	4.65E-05	4.35E-07	0.000483	0.000207	0.000375	6.48E-05	0.000294	0.000317426	0.000317426
124	1.72E-03	8.59E-05	3.65E-05	3.39E-07	0.000374	0.00016	0.000297	5.13E-05	0.000227	0.00024538	0.00024538
125	4.88E-04	4.3E-05	1.82E-05	2.7E-07	0.000102	4.27E-05	7.18E-05	1.23E-05	6.66E-05	6.56758E-05	6.56758E-05
126	6.33E-04	5.83E-05	2.47E-05	3.66E-07	0.000131	5.52E-05	9.09E-05	1.55E-05	8.65E-05	8.48959E-05	8.48959E-05
127	8.54E-04	8.4E-05	3.56E-05	5.29E-07	0.000176	7.39E-05	0.000119	2.03E-05	0.000117	0.000113585	0.000113585
128	1.22E-03	0.000132	5.57E-05	8.48E-07	0.00025	0.000104	0.000162	2.76E-05	0.000169	0.000160331	0.000160331
129	1.87E-03	0.000229	9.69E-05	1.53E-06	0.000377	0.000156	0.000231	3.9E-05	0.000261	0.000240882	0.000240882
130	1.59E-02	0.000681	0.00029	2.38E-06	0.003872	0.001665	0.001628	0.000281	0.002348	0.002549293	0.002549293
131	9.97E-03	0.000419	0.000178	1.43E-06	0.002292	0.000985	0.001446	0.00025	0.00138	0.00150916	0.00150916
132	6.46E-03	0.000274	0.000116	9.26E-07	0.001439	0.000618	0.001066	0.000185	0.000863	0.000947257	0.000947257

Franklin School Project

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547	Receptor
0.05	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
133	4.41E-03	0.000193	8.2E-05	6.6E-07	0.000968	0.000416	0.000766	0.000133	0.000581	0.000636943	0.000636943
134	3.08E-03	0.000139	5.93E-05	4.86E-07	0.000669	0.000287	0.000546	9.45E-05	0.000403	0.000439766	0.000439766
135	2.24E-03	0.000105	4.45E-05	3.73E-07	0.000484	0.000208	0.000401	6.94E-05	0.000292	0.000318069	0.000318069
136	1.68E-03	8.1E-05	3.44E-05	2.95E-07	0.000361	0.000155	0.000302	5.22E-05	0.000219	0.000237581	0.000237581
137	5.03E-04	4.44E-05	1.88E-05	2.45E-07	0.000104	4.4E-05	7.5E-05	1.29E-05	6.82E-05	6.75326E-05	6.75326E-05
138	6.59E-04	6.1E-05	2.59E-05	3.24E-07	0.000136	5.73E-05	9.63E-05	1.65E-05	8.97E-05	8.80025E-05	8.80025E-05
139	8.99E-04	8.9E-05	3.78E-05	4.45E-07	0.000184	7.74E-05	0.000128	2.2E-05	0.000123	0.00011888	0.00011888
140	1.32E-03	0.000145	6.14E-05	6.6E-07	0.000265	0.000112	0.000181	3.09E-05	0.000181	0.000171265	0.000171265
141	2.08E-03	0.000262	0.000111	1.01E-06	0.000406	0.000171	0.00027	4.61E-05	0.000288	0.000263168	0.000263168
142	2.48E-02	0.000728	0.00031	1.55E-06	0.005703	0.002461	0.004029	0.000699	0.003303	0.003766398	0.003766398
143	1.25E-02	0.000407	0.000173	1.05E-06	0.002751	0.001186	0.002324	0.000403	0.001603	0.001814931	0.001814931
144	6.97E-03	0.000256	0.000109	7.43E-07	0.001513	0.000651	0.001327	0.00023	0.00089	0.000997016	0.000997016
145	4.42E-03	0.000178	7.55E-05	5.55E-07	0.000952	0.000409	0.000839	0.000145	0.000565	0.000626998	0.000626998
146	2.92E-03	0.000127	5.38E-05	4.18E-07	0.000627	0.00027	0.00055	9.52E-05	0.000375	0.000412793	0.000412793
147	2.07E-03	9.45E-05	4.02E-05	3.26E-07	0.000444	0.00019	0.000387	6.7E-05	0.000266	0.000291741	0.000291741
148	1.53E-03	7.3E-05	3.1E-05	2.61E-07	0.000327	0.00014	0.000283	4.89E-05	0.000197	0.000214959	0.000214959
149	5.01E-04	4.4E-05	1.87E-05	2.17E-07	0.000103	4.37E-05	7.62E-05	1.31E-05	6.79E-05	6.7067E-05	6.7067E-05
150	6.47E-04	5.97E-05	2.54E-05	2.75E-07	0.000132	5.58E-05	9.8E-05	1.68E-05	8.74E-05	8.56974E-05	8.56974E-05
151	8.93E-04	8.72E-05	3.71E-05	3.64E-07	0.000181	7.66E-05	0.000132	2.27E-05	0.000121	0.000117561	0.000117561
152	1.30E-03	0.000139	5.9E-05	4.98E-07	0.000258	0.00011	0.000188	3.23E-05	0.000177	0.000168152	0.000168152
153	2.07E-03	0.000252	0.000107	7.03E-07	0.000398	0.000169	0.00029	4.99E-05	0.000281	0.000259618	0.000259618
154	4.10E-02	0.00066	0.000281	1.1E-06	0.008686	0.003753	0.00967	0.001679	0.004792	0.005743901	0.005743901
155	1.22E-02	0.000344	0.000146	8.2E-07	0.002577	0.001111	0.002635	0.000457	0.001475	0.001701274	0.001701274
156	5.94E-03	0.00021	8.95E-05	6.04E-07	0.001264	0.000544	0.001217	0.000211	0.000738	0.00083319	0.00083319
157	3.80E-03	0.000151	6.41E-05	4.76E-07	0.00081	0.000348	0.000753	0.00013	0.000479	0.000533295	0.000533295
158	2.52E-03	0.000109	4.63E-05	3.69E-07	0.000536	0.00023	0.000485	8.41E-05	0.00032	0.000352959	0.000352959
159	1.78E-03	8.21E-05	3.49E-05	2.92E-07	0.000379	0.000162	0.000337	5.83E-05	0.000227	0.000248886	0.000248886
160	1.33E-03	6.4E-05	2.72E-05	2.36E-07	0.000282	0.000121	0.000247	4.27E-05	0.00017	0.000185428	0.000185428
161	4.56E-04	4.17E-05	1.77E-05	1.88E-07	9.35E-05	3.96E-05	6.8E-05	1.17E-05	6.19E-05	6.08049E-05	6.08049E-05
162	5.90E-04	5.58E-05	2.37E-05	2.32E-07	0.00012	5.07E-05	8.94E-05	1.54E-05	8.01E-05	7.77655E-05	7.77655E-05
163	7.93E-04	7.87E-05	3.34E-05	2.93E-07	0.000158	6.72E-05	0.000121	2.08E-05	0.000107	0.000103098	0.000103098
164	1.17E-03	0.00012	5.1E-05	3.82E-07	0.000232	9.86E-05	0.000179	3.09E-05	0.000157	0.000151299	0.000151299
165	1.86E-03	0.000208	8.87E-05	5.16E-07	0.000361	0.000154	0.00028	4.84E-05	0.000247	0.000235693	0.000235693
166	3.28E-03	0.000429	0.000183	6.81E-07	0.000608	0.00026	0.000491	8.49E-05	0.000429	0.00039885	0.00039885
167	7.16E-03	0.001085	0.000463	8.36E-07	0.00125	0.000537	0.001098	0.00019	0.000887	0.000822847	0.000822847
168	1.83E-02	0.001645	0.000702	9.2E-07	0.003397	0.001466	0.003784	0.000657	0.002126	0.002243216	0.002243216
169	2.89E-02	0.000865	0.000369	8.98E-07	0.005559	0.002401	0.007796	0.001354	0.003172	0.003674802	0.003674802
170	1.77E-02	0.000452	0.000193	7.9E-07	0.003617	0.001562	0.004335	0.000753	0.00205	0.002389984	0.002389984
171	8.42E-03	0.000269	0.000115	6.49E-07	0.001762	0.000759	0.001848	0.000321	0.001019	0.001162705	0.001162705
172	4.32E-03	0.000165	7.02E-05	4.95E-07	0.000915	0.000394	0.000881	0.000153	0.000538	0.000603116	0.000603116
173	2.81E-03	0.000117	4.99E-05	3.94E-07	0.000597	0.000257	0.000551	9.55E-05	0.000354	0.000392972	0.000392972
174	2.07E-03	9.21E-05	3.92E-05	3.28E-07	0.00044	0.000189	0.000396	6.86E-05	0.000263	0.000289458	0.000289458
175	1.49E-03	7.07E-05	3E-05	2.65E-07	0.000318	0.000136	0.00028	4.85E-05	0.000192	0.000208995	0.000208995
176	1.13E-03	5.58E-05	2.37E-05	2.17E-07	0.000241	0.000103	0.000209	3.61E-05	0.000146	0.000158113	0.000158113

Franklin School Project

Mitigated Residential - Residential Construction Health Impact Assessment

547	Receptor
0.05	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
177	4.25E-04	3.84E-05	1.63E-05	1.63E-07	8.68E-05	3.68E-05	6.47E-05	1.11E-05	5.75E-05	5.65146E-05	5.65146E-05
178	5.41E-04	5.02E-05	2.13E-05	1.97E-07	0.00011	4.65E-05	8.29E-05	1.43E-05	7.29E-05	7.14028E-05	7.14028E-05
179	7.02E-04	6.8E-05	2.89E-05	2.41E-07	0.000141	6.01E-05	0.000107	1.83E-05	9.46E-05	9.21231E-05	9.21231E-05
180	1.04E-03	9.83E-05	4.18E-05	3.05E-07	0.000208	8.84E-05	0.000165	2.85E-05	0.000138	0.000135612	0.000135612
181	1.53E-03	0.000155	6.59E-05	3.91E-07	0.0003	0.000128	0.000244	4.21E-05	0.000202	0.000196498	0.000196498
182	2.40E-03	0.000257	0.00011	4.84E-07	0.000461	0.000197	0.000389	6.73E-05	0.000312	0.00030245	0.00030245
183	4.10E-03	0.000422	0.00018	5.7E-07	0.000781	0.000336	0.000711	0.000123	0.000519	0.000513951	0.000513951
184	6.80E-03	0.000528	0.000225	6.23E-07	0.001318	0.000567	0.001359	0.000236	0.000832	0.000868812	0.000868812
185	8.92E-03	0.00044	0.000188	6.26E-07	0.001772	0.000764	0.002009	0.000349	0.001062	0.001169258	0.001169258
186	7.68E-03	0.000298	0.000127	5.79E-07	0.001568	0.000676	0.001723	0.000299	0.000922	0.001034444	0.001034444
187	5.26E-03	0.000203	8.65E-05	5.07E-07	0.001098	0.000473	0.001113	0.000193	0.000646	0.00072362	0.00072362
188	3.44E-03	0.000141	6.02E-05	4.25E-07	0.000727	0.000313	0.00069	0.00012	0.000431	0.00047881	0.00047881
189	2.19E-03	9.68E-05	4.12E-05	3.36E-07	0.000466	0.0002	0.000421	7.29E-05	0.000279	0.000306715	0.000306715
190	1.68E-03	7.76E-05	3.3E-05	2.88E-07	0.000359	0.000154	0.000317	5.49E-05	0.000216	0.000236071	0.000236071
191	1.28E-03	6.18E-05	2.63E-05	2.41E-07	0.000273	0.000117	0.000236	4.09E-05	0.000165	0.000179217	0.000179217
192	9.83E-04	4.95E-05	2.1E-05	2E-07	0.00021	8.99E-05	0.000179	3.09E-05	0.000127	0.000137713	0.000137713
193	3.97E-04	3.47E-05	1.47E-05	1.42E-07	8.04E-05	3.42E-05	6.39E-05	1.1E-05	5.3E-05	5.24076E-05	5.24076E-05
194	5.06E-04	4.4E-05	1.87E-05	1.69E-07	0.000103	4.36E-05	8.19E-05	1.41E-05	6.73E-05	6.68901E-05	6.68901E-05
195	6.69E-04	5.78E-05	2.46E-05	2.03E-07	0.000136	5.78E-05	0.000108	1.87E-05	8.88E-05	8.86623E-05	8.86623E-05
196	8.88E-04	7.93E-05	3.37E-05	2.49E-07	0.000179	7.61E-05	0.000144	2.48E-05	0.000117	0.000116743	0.000116743
197	1.22E-03	0.000113	4.8E-05	3.04E-07	0.000242	0.000103	0.000199	3.44E-05	0.00016	0.000158409	0.000158409
198	1.75E-03	0.000164	6.97E-05	3.62E-07	0.000345	0.000148	0.000294	5.08E-05	0.000228	0.000226382	0.000226382
199	2.59E-03	0.000225	9.59E-05	4.15E-07	0.00051	0.000219	0.000461	7.98E-05	0.000331	0.000335383	0.000335383
200	3.62E-03	0.000265	0.000113	4.49E-07	0.000719	0.000309	0.000698	0.000121	0.000454	0.000473065	0.000473065
201	4.37E-03	0.000252	0.000107	4.57E-07	0.000878	0.000378	0.000899	0.000156	0.000538	0.000578781	0.000578781
202	4.15E-03	0.0002	8.52E-05	4.33E-07	0.000849	0.000366	0.000865	0.00015	0.000511	0.000559688	0.000559688
203	3.20E-03	0.000145	6.17E-05	3.84E-07	0.000666	0.000287	0.000648	0.000112	0.000399	0.000438844	0.000438844
204	2.45E-03	0.000111	4.7E-05	3.39E-07	0.000515	0.000222	0.00048	8.31E-05	0.000309	0.000339278	0.000339278
205	1.82E-03	8.43E-05	3.59E-05	2.92E-07	0.000386	0.000166	0.000346	5.99E-05	0.000232	0.000253994	0.000253994
206	1.33E-03	6.38E-05	2.71E-05	2.42E-07	0.000283	0.000122	0.000246	4.26E-05	0.000171	0.000186183	0.000186183
207	1.11E-03	5.45E-05	2.32E-05	2.16E-07	0.000236	0.000101	0.000202	3.5E-05	0.000143	0.000155254	0.000155254
208	8.76E-04	4.46E-05	1.9E-05	1.84E-07	0.000187	8.02E-05	0.000158	2.73E-05	0.000114	0.000122964	0.000122964
209	3.83E-04	3.09E-05	1.31E-05	1.25E-07	7.86E-05	3.35E-05	6.25E-05	1.08E-05	5.06E-05	5.13212E-05	5.13212E-05
210	4.69E-04	3.83E-05	1.63E-05	1.46E-07	9.59E-05	4.08E-05	7.65E-05	1.32E-05	6.25E-05	6.26454E-05	6.26454E-05
211	5.84E-04	4.86E-05	2.07E-05	1.73E-07	0.000119	5.07E-05	9.54E-05	1.65E-05	7.73E-05	7.78153E-05	7.78153E-05
212	7.42E-04	6.33E-05	2.69E-05	2.05E-07	0.00015	6.41E-05	0.000122	2.1E-05	9.79E-05	9.82214E-05	9.82214E-05
213	9.71E-04	8.43E-05	3.59E-05	2.43E-07	0.000195	8.33E-05	0.000161	2.79E-05	0.000128	0.000127742	0.000127742
214	1.32E-03	0.000112	4.77E-05	2.82E-07	0.000264	0.000113	0.000224	3.88E-05	0.000172	0.000172862	0.000172862
215	1.79E-03	0.000141	6E-05	3.16E-07	0.000358	0.000153	0.000319	5.53E-05	0.000229	0.000234937	0.000234937
216	2.26E-03	0.000159	6.79E-05	3.38E-07	0.000455	0.000195	0.000424	7.34E-05	0.000286	0.000299001	0.000299001
217	2.59E-03	0.000159	6.78E-05	3.45E-07	0.000527	0.000226	0.000507	8.78E-05	0.000326	0.000346638	0.000346638
218	2.59E-03	0.00014	5.96E-05	3.35E-07	0.000531	0.000228	0.000513	8.9E-05	0.000324	0.000349696	0.000349696
219	2.34E-03	0.000118	5.01E-05	3.16E-07	0.000487	0.000209	0.000463	8.03E-05	0.000295	0.000320628	0.000320628
220	1.96E-03	9.57E-05	4.07E-05	2.9E-07	0.000412	0.000177	0.00038	6.59E-05	0.000249	0.000270738	0.000270738

Franklin School Project

Mitigated Residential - Residential Construction Health Impact Assessment

547	Receptor
0.05	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
221	1.56E-03	7.61E-05	3.24E-05	2.57E-07	0.00033	0.000142	0.000295	5.12E-05	0.0002	0.000216992	0.000216992
222	1.13E-03	5.63E-05	2.39E-05	2.12E-07	0.000241	0.000103	0.000208	3.6E-05	0.000146	0.000158085	0.000158085
223	9.00E-04	4.56E-05	1.94E-05	1.84E-07	0.000192	8.23E-05	0.000163	2.82E-05	0.000117	0.000126173	0.000126173
224	7.86E-04	4.05E-05	1.72E-05	1.68E-07	0.000168	7.2E-05	0.000141	2.44E-05	0.000102	0.000110333	0.000110333
225	3.49E-04	2.74E-05	1.16E-05	1.11E-07	7.21E-05	3.07E-05	5.7E-05	9.82E-06	4.64E-05	4.71146E-05	4.71146E-05
226	4.17E-04	3.32E-05	1.41E-05	1.28E-07	8.57E-05	3.65E-05	6.83E-05	1.18E-05	5.53E-05	5.60179E-05	5.60179E-05
227	5.05E-04	4.09E-05	1.74E-05	1.48E-07	0.000103	4.41E-05	8.32E-05	1.43E-05	6.69E-05	6.75943E-05	6.75943E-05
228	6.25E-04	5.13E-05	2.18E-05	1.72E-07	0.000127	5.43E-05	0.000104	1.79E-05	8.26E-05	8.32784E-05	8.32784E-05
229	7.90E-04	6.49E-05	2.76E-05	1.99E-07	0.00016	6.84E-05	0.000132	2.28E-05	0.000104	0.000104845	0.000104845
230	1.01E-03	8.12E-05	3.46E-05	2.26E-07	0.000205	8.77E-05	0.000174	3E-05	0.000132	0.000134434	0.000134434
231	1.28E-03	9.72E-05	4.14E-05	2.49E-07	0.00026	0.000111	0.000227	3.93E-05	0.000166	0.000170395	0.000170395
232	1.55E-03	0.000108	4.61E-05	2.65E-07	0.000315	0.000135	0.000285	4.94E-05	0.000199	0.000207205	0.000207205
233	1.74E-03	0.000111	4.71E-05	2.72E-07	0.000356	0.000153	0.00033	5.71E-05	0.000222	0.000234226	0.000234226
234	1.79E-03	0.000103	4.41E-05	2.69E-07	0.000368	0.000158	0.000343	5.95E-05	0.000227	0.000242206	0.000242206
235	1.70E-03	9.19E-05	3.91E-05	2.58E-07	0.000352	0.000151	0.000326	5.65E-05	0.000215	0.00023163	0.00023163
236	1.50E-03	7.83E-05	3.33E-05	2.41E-07	0.000314	0.000135	0.000285	4.94E-05	0.000191	0.000206377	0.000206377
237	1.27E-03	6.52E-05	2.77E-05	2.2E-07	0.000267	0.000115	0.000237	4.11E-05	0.000162	0.000175471	0.000175471
238	1.04E-03	5.35E-05	2.28E-05	1.96E-07	0.000221	9.47E-05	0.000192	3.32E-05	0.000134	0.00014506	0.00014506
239	7.88E-04	4.1E-05	1.74E-05	1.63E-07	0.000168	7.2E-05	0.000142	2.46E-05	0.000102	0.000110251	0.000110251
240	6.54E-04	3.44E-05	1.46E-05	1.44E-07	0.00014	5.98E-05	0.000116	2.01E-05	8.52E-05	9.16202E-05	9.16202E-05
241	3.10E-04	2.39E-05	1.02E-05	9.75E-08	6.4E-05	2.73E-05	5.11E-05	8.81E-06	4.14E-05	4.17966E-05	4.17966E-05
242	3.66E-04	2.85E-05	1.21E-05	1.11E-07	7.55E-05	3.22E-05	6.03E-05	1.04E-05	4.85E-05	4.93522E-05	4.93522E-05
243	4.36E-04	3.44E-05	1.46E-05	1.28E-07	8.95E-05	3.82E-05	7.2E-05	1.24E-05	5.76E-05	5.84988E-05	5.84988E-05
244	5.24E-04	4.17E-05	1.77E-05	1.46E-07	0.000107	4.57E-05	8.7E-05	1.5E-05	6.91E-05	7.00983E-05	7.00983E-05
245	6.45E-04	5.12E-05	2.18E-05	1.66E-07	0.000132	5.62E-05	0.000108	1.87E-05	8.49E-05	8.6187E-05	8.6187E-05
246	7.92E-04	6.14E-05	2.61E-05	1.85E-07	0.000161	6.89E-05	0.000135	2.34E-05	0.000104	0.000105665	0.000105665
247	9.66E-04	7.13E-05	3.03E-05	2.02E-07	0.000197	8.43E-05	0.00017	2.93E-05	0.000125	0.000129173	0.000129173
248	1.13E-03	7.82E-05	3.33E-05	2.14E-07	0.000231	9.91E-05	0.000204	3.53E-05	0.000146	0.000151879	0.000151879
249	1.25E-03	8.06E-05	3.43E-05	2.19E-07	0.000257	0.00011	0.000231	4E-05	0.00016	0.000168726	0.000168726
250	1.30E-03	7.8E-05	3.32E-05	2.19E-07	0.000267	0.000115	0.000242	4.2E-05	0.000166	0.000175743	0.000175743
251	1.26E-03	7.19E-05	3.06E-05	2.12E-07	0.000262	0.000112	0.000237	4.1E-05	0.000161	0.000172073	0.000172073
252	1.16E-03	6.38E-05	2.72E-05	2.02E-07	0.000243	0.000104	0.000217	3.76E-05	0.000149	0.000159564	0.000159564
253	1.03E-03	5.53E-05	2.35E-05	1.88E-07	0.000216	9.27E-05	0.000191	3.3E-05	0.000132	0.000142062	0.000142062
254	8.85E-04	4.73E-05	2.01E-05	1.72E-07	0.000187	8.02E-05	0.000162	2.8E-05	0.000114	0.000122926	0.000122926
255	7.37E-04	3.93E-05	1.67E-05	1.53E-07	0.000157	6.71E-05	0.000133	2.3E-05	9.57E-05	0.000102782	0.000102782
256	5.82E-04	3.13E-05	1.33E-05	1.3E-07	0.000124	5.31E-05	0.000103	1.79E-05	7.59E-05	8.1354E-05	8.1354E-05
257	2.80E-04	2.12E-05	9.01E-06	8.72E-08	5.8E-05	2.47E-05	4.6E-05	7.93E-06	3.71E-05	3.78784E-05	3.78784E-05
258	3.23E-04	2.47E-05	1.05E-05	9.8E-08	6.67E-05	2.84E-05	5.33E-05	9.18E-06	4.28E-05	4.36043E-05	4.36043E-05
259	3.78E-04	2.92E-05	1.24E-05	1.11E-07	7.79E-05	3.32E-05	6.26E-05	1.08E-05	5E-05	5.09404E-05	5.09404E-05
260	4.49E-04	3.48E-05	1.48E-05	1.25E-07	9.22E-05	3.93E-05	7.47E-05	1.29E-05	5.93E-05	6.02948E-05	6.02948E-05
261	5.36E-04	4.13E-05	1.76E-05	1.4E-07	0.00011	4.69E-05	9.01E-05	1.56E-05	7.06E-05	7.19584E-05	7.19584E-05
262	6.40E-04	4.82E-05	2.05E-05	1.55E-07	0.000131	5.6E-05	0.000109	1.89E-05	8.39E-05	8.58795E-05	8.58795E-05
263	7.55E-04	5.46E-05	2.32E-05	1.67E-07	0.000155	6.63E-05	0.000132	2.28E-05	9.84E-05	0.000101547	0.000101547
264	8.63E-04	5.92E-05	2.52E-05	1.76E-07	0.000177	7.59E-05	0.000154	2.66E-05	0.000112	0.000116376	0.000116376

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547	Receptor
0.05	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
265	9.42E-04	6.12E-05	2.61E-05	1.81E-07	0.000194	8.32E-05	0.000171	2.96E-05	0.000121	0.000127452	0.000127452
266	9.78E-04	6.04E-05	2.57E-05	1.81E-07	0.000202	8.68E-05	0.00018	3.11E-05	0.000126	0.000132949	0.000132949
267	9.67E-04	5.72E-05	2.43E-05	1.77E-07	0.000201	8.63E-05	0.000179	3.09E-05	0.000124	0.000132183	0.000132183
268	9.17E-04	5.24E-05	2.23E-05	1.7E-07	0.000192	8.22E-05	0.000169	2.92E-05	0.000118	0.000125876	0.000125876
269	8.38E-04	4.68E-05	1.99E-05	1.61E-07	0.000176	7.55E-05	0.000154	2.66E-05	0.000108	0.000115604	0.000115604
270	7.46E-04	4.12E-05	1.75E-05	1.5E-07	0.000157	6.75E-05	0.000136	2.35E-05	9.66E-05	0.000103378	0.000103378
271	6.47E-04	3.54E-05	1.51E-05	1.37E-07	0.000137	5.87E-05	0.000116	2.01E-05	8.41E-05	8.99867E-05	8.99867E-05
272	5.25E-04	2.88E-05	1.22E-05	1.18E-07	0.000112	4.78E-05	9.33E-05	1.61E-05	6.85E-05	7.32931E-05	7.32931E-05
273	1.64E-03	0.000166	6.74E-05	5.26E-06	0.000373	0.000138	0.0002	3.1E-05	0.000222	0.000216416	0.000216416
274	1.75E-03	0.000178	7.15E-05	6.76E-06	0.000408	0.000146	0.000214	3.23E-05	0.000235	0.000230305	0.000230305
275	1.89E-03	0.000192	7.56E-05	8.87E-06	0.00045	0.000155	0.000231	3.38E-05	0.00025	0.000246187	0.000246187
276	2.04E-03	0.000203	8E-05	1.18E-05	0.000503	0.000165	0.000252	3.53E-05	0.000265	0.000263978	0.000263978
277	2.23E-03	0.000211	8.46E-05	1.56E-05	0.000569	0.000176	0.000278	3.7E-05	0.000284	0.000285296	0.000285296
278	2.42E-03	0.000224	8.9E-05	1.98E-05	0.000638	0.000188	0.000305	3.86E-05	0.000302	0.000307123	0.000307123
279	2.59E-03	0.000236	9.34E-05	2.31E-05	0.000698	0.000199	0.000328	4.01E-05	0.000319	0.000326857	0.000326857
280	2.74E-03	0.000251	9.79E-05	2.5E-05	0.000743	0.000209	0.000344	4.17E-05	0.000336	0.000345485	0.000345485
281	2.87E-03	0.000263	0.000103	2.57E-05	0.000777	0.000221	0.000356	4.33E-05	0.000354	0.000364138	0.000364138
282	2.99E-03	0.000272	0.000108	2.48E-05	0.000799	0.000235	0.000363	4.5E-05	0.000375	0.000383818	0.000383818
283	3.09E-03	0.00028	0.000113	2.22E-05	0.000807	0.00025	0.000364	4.71E-05	0.000399	0.000404328	0.000404328
284	3.15E-03	0.000289	0.000118	1.89E-05	0.0008	0.000262	0.000359	4.86E-05	0.000418	0.000419293	0.000419293
285	3.23E-03	0.000298	0.000122	1.55E-05	0.000797	0.000275	0.000355	5.04E-05	0.000439	0.000436945	0.000436945
286	3.32E-03	0.000305	0.000126	1.27E-05	0.000803	0.00029	0.000354	5.23E-05	0.000461	0.000457172	0.000457172
287	3.44E-03	0.00031	0.000129	1.05E-05	0.000821	0.000308	0.000358	5.46E-05	0.000486	0.000481853	0.000481853
288	3.54E-03	0.000314	0.000131	8.77E-06	0.000835	0.000322	0.000361	5.63E-05	0.000507	0.000501402	0.000501402
289	3.67E-03	0.000315	0.000132	7.39E-06	0.000863	0.00034	0.00037	5.88E-05	0.000532	0.000527994	0.000527994
290	3.82E-03	0.000313	0.000132	6.27E-06	0.000895	0.000359	0.000383	6.21E-05	0.000557	0.000556128	0.000556128
291	3.93E-03	0.00031	0.00013	5.37E-06	0.000921	0.000374	0.000396	6.48E-05	0.000576	0.000578038	0.000578038
292	4.00E-03	0.000305	0.000129	4.64E-06	0.000936	0.000384	0.000404	6.69E-05	0.000588	0.00059251	0.00059251
293	4.05E-03	0.000298	0.000126	4.04E-06	0.000945	0.000391	0.000413	6.89E-05	0.000595	0.000602117	0.000602117
294	4.06E-03	0.00029	0.000123	3.53E-06	0.000948	0.000394	0.000422	7.07E-05	0.000597	0.00060695	0.00060695
295	4.07E-03	0.000283	0.00012	3.12E-06	0.000949	0.000397	0.000431	7.27E-05	0.000597	0.000609861	0.000609861
296	4.06E-03	0.000274	0.000116	2.78E-06	0.000944	0.000396	0.00044	7.45E-05	0.000594	0.00060901	0.00060901
297	4.03E-03	0.000265	0.000112	2.48E-06	0.000935	0.000393	0.000448	7.6E-05	0.000587	0.000604409	0.000604409
298	3.98E-03	0.000256	0.000108	2.23E-06	0.000922	0.000389	0.000455	7.74E-05	0.000578	0.000597271	0.000597271
299	1.77E-03	0.000183	7.49E-05	5.99E-06	0.000404	0.000148	0.000215	3.3E-05	0.00024	0.000232413	0.000232413
300	1.91E-03	0.000198	7.99E-05	8.01E-06	0.000446	0.000157	0.000232	3.45E-05	0.000255	0.000248537	0.000248537
301	2.08E-03	0.000214	8.5E-05	1.11E-05	0.000502	0.000168	0.000254	3.61E-05	0.000271	0.000267474	0.000267474
302	2.28E-03	0.000228	9.05E-05	1.58E-05	0.000577	0.000179	0.000284	3.78E-05	0.00029	0.000289697	0.000289697
303	2.24E-03	0.000235	9.64E-05	5.65E-06	0.000504	0.000193	0.000252	3.98E-05	0.000312	0.000300632	0.000300632
304	2.42E-03	0.000249	0.000102	8.04E-06	0.000561	0.000207	0.000273	4.17E-05	0.000335	0.000324153	0.000324153
305	2.62E-03	0.000263	0.000107	1.17E-05	0.000628	0.000219	0.000298	4.34E-05	0.000355	0.00034726	0.00034726
306	2.86E-03	0.000282	0.000113	1.7E-05	0.000714	0.000233	0.000331	4.51E-05	0.000376	0.000373218	0.000373218
307	3.02E-03	0.000298	0.000119	1.74E-05	0.000752	0.000248	0.000344	4.7E-05	0.000399	0.000396382	0.000396382
308	3.10E-03	0.000307	0.000125	1.28E-05	0.000744	0.000264	0.000337	4.91E-05	0.000426	0.000417513	0.000417513

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309	3.23E-03	0.000319	0.000132	9.71E-06	0.000754	0.000283	0.000337	5.15E-05	0.000454	0.000442683	0.000442683
310	3.65E-03	0.000338	0.000138	2.51E-05	0.000947	0.000298	0.000411	5.32E-05	0.000477	0.000480282	0.000480282
311	3.70E-03	0.000347	0.000143	1.9E-05	0.000923	0.000314	0.000397	5.53E-05	0.000503	0.000499708	0.000499708
312	3.80E-03	0.000354	0.000147	1.47E-05	0.000922	0.000333	0.000392	5.75E-05	0.000531	0.000524224	0.000524224
313	3.95E-03	0.000358	0.000149	1.16E-05	0.000944	0.000357	0.000396	6.04E-05	0.000564	0.000557282	0.000557282
314	4.07E-03	0.00036	0.000151	9.43E-06	0.000963	0.000375	0.000399	6.25E-05	0.00059	0.000582581	0.000582581
315	4.23E-03	0.000359	0.000151	7.77E-06	0.000995	0.000396	0.000408	6.53E-05	0.000618	0.00061324	0.00061324
316	4.39E-03	0.000355	0.000149	6.5E-06	0.001031	0.000417	0.000423	6.88E-05	0.000645	0.000644788	0.000644788
317	4.51E-03	0.000348	0.000147	5.49E-06	0.00106	0.000434	0.000439	7.22E-05	0.000666	0.000669623	0.000669623
318	4.58E-03	0.00034	0.000144	4.7E-06	0.001075	0.000444	0.000449	7.46E-05	0.000677	0.00068411	0.00068411
319	4.60E-03	0.00033	0.00014	4.05E-06	0.00108	0.000449	0.000459	7.69E-05	0.000681	0.000691482	0.000691482
320	4.60E-03	0.000319	0.000135	3.52E-06	0.001078	0.000451	0.000469	7.9E-05	0.000679	0.000693312	0.000693312
321	4.59E-03	0.000309	0.000131	3.1E-06	0.001073	0.000451	0.00048	8.12E-05	0.000676	0.000692436	0.000692436
322	4.55E-03	0.000298	0.000126	2.75E-06	0.001061	0.000447	0.00049	8.31E-05	0.000667	0.00068656	0.00068656
323	4.49E-03	0.000286	0.000121	2.45E-06	0.001044	0.000441	0.000498	8.47E-05	0.000655	0.000676775	0.000676775
324	4.41E-03	0.000275	0.000117	2.19E-06	0.001023	0.000433	0.000505	8.61E-05	0.000641	0.000664381	0.000664381
325	1.91E-03	0.000204	8.37E-05	6.62E-06	0.000436	0.000159	0.00023	3.51E-05	0.000259	0.000249759	0.000249759
326	2.08E-03	0.000221	8.99E-05	9.19E-06	0.000487	0.00017	0.00025	3.68E-05	0.000277	0.000268842	0.000268842
327	2.29E-03	0.000242	9.66E-05	1.34E-05	0.000559	0.000182	0.000279	3.87E-05	0.000297	0.000291845	0.000291845
328	2.56E-03	0.000255	0.000104	2.08E-05	0.000667	0.000195	0.000321	4.06E-05	0.000319	0.00031993	0.00031993
329	2.48E-03	0.000267	0.000111	6.61E-06	0.000557	0.000211	0.000274	4.29E-05	0.000345	0.000330167	0.000330167
330	2.71E-03	0.000285	0.000118	1E-05	0.000631	0.000228	0.000301	4.51E-05	0.000373	0.000359119	0.000359119
331	2.98E-03	0.000304	0.000125	1.6E-05	0.000728	0.000244	0.000338	4.7E-05	0.000397	0.000388655	0.000388655
332	2.90E-03	0.000316	0.000132	1.83E-06	0.000622	0.000261	0.00029	4.91E-05	0.000424	0.000400888	0.000400888
333	3.09E-03	0.00034	0.00014	1.56E-06	0.000663	0.00028	0.000302	5.14E-05	0.000454	0.000429513	0.000429513
334	3.56E-03	0.000361	0.000148	1.59E-05	0.00086	0.000301	0.000377	5.38E-05	0.000487	0.000476099	0.000476099
335	3.70E-03	0.000375	0.000156	1.11E-05	0.000864	0.000324	0.000372	5.65E-05	0.000523	0.000506982	0.000506982
336	3.83E-03	0.000389	0.000163	8.25E-06	0.000878	0.000343	0.000372	5.87E-05	0.000553	0.000532905	0.000532905
337	4.29E-03	0.000408	0.000168	2.26E-05	0.001076	0.000364	0.000446	6.11E-05	0.000586	0.000580204	0.000580204
338	4.39E-03	0.000414	0.000172	1.63E-05	0.001065	0.000388	0.000435	6.37E-05	0.000621	0.000609938	0.000609938
339	4.59E-03	0.000416	0.000174	1.24E-05	0.001094	0.000418	0.000438	6.72E-05	0.000661	0.000652064	0.000652064
340	4.74E-03	0.000415	0.000174	9.81E-06	0.001122	0.000442	0.000443	6.98E-05	0.000694	0.000685646	0.000685646
341	4.91E-03	0.00041	0.000173	7.96E-06	0.00116	0.000466	0.000453	7.3E-05	0.000727	0.000721523	0.000721523
342	5.09E-03	0.000402	0.000169	6.56E-06	0.001202	0.000491	0.000471	7.71E-05	0.000757	0.000757674	0.000757674
343	5.21E-03	0.000391	0.000165	5.5E-06	0.001232	0.000508	0.000489	8.09E-05	0.000777	0.000783327	0.000783327
344	5.26E-03	0.000379	0.00016	4.67E-06	0.001243	0.000517	0.000501	8.37E-05	0.000784	0.00079545	0.00079545
345	5.26E-03	0.000365	0.000154	4E-06	0.001241	0.000519	0.000513	8.63E-05	0.000783	0.000798389	0.000798389
346	5.23E-03	0.000351	0.000149	3.47E-06	0.001232	0.000517	0.000525	8.88E-05	0.000776	0.000795267	0.000795267
347	5.18E-03	0.000337	0.000143	3.04E-06	0.001217	0.000513	0.000537	9.12E-05	0.000765	0.000787773	0.000787773
348	5.10E-03	0.000323	0.000137	2.69E-06	0.001194	0.000505	0.000548	9.32E-05	0.00075	0.000774987	0.000774987
349	5.00E-03	0.000308	0.000131	2.39E-06	0.001167	0.000494	0.000556	9.49E-05	0.000731	0.000758305	0.000758305
350	4.88E-03	0.000294	0.000125	2.14E-06	0.001135	0.000482	0.000562	9.62E-05	0.00071	0.000739063	0.000739063
351	2.06E-03	0.000227	9.38E-05	7E-06	0.000466	0.00017	0.000245	3.74E-05	0.00028	0.000267735	0.000267735
352	2.26E-03	0.000249	0.000102	9.97E-06	0.000527	0.000184	0.000269	3.95E-05	0.000302	0.000290912	0.000290912

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353	2.52E-03	0.000274	0.000111	1.52E-05	0.000615	0.000198	0.000303	4.16E-05	0.000327	0.000318555	0.000318555
354	2.52E-03	0.00029	0.00012	5.46E-06	0.000552	0.000214	0.000275	4.39E-05	0.000354	0.0003336	0.0003336
355	2.74E-03	0.000308	0.000129	7.27E-06	0.000613	0.000233	0.000297	4.63E-05	0.000384	0.000363436	0.000363436
356	3.03E-03	0.000332	0.000138	1.15E-05	0.000703	0.000253	0.000329	4.89E-05	0.000417	0.000398512	0.000398512
357	3.05E-03	0.000351	0.000148	1.02E-06	0.000642	0.000273	0.0003	5.13E-05	0.000449	0.00041906	0.00041906
358	3.32E-03	0.000379	0.000157	2.62E-06	0.000711	0.000296	0.000321	5.39E-05	0.000486	0.000455168	0.000455168
359	3.55E-03	0.000404	0.000167	2.01E-06	0.000761	0.00032	0.000334	5.66E-05	0.000524	0.000491754	0.000491754
360	4.10E-03	0.00043	0.000178	1.82E-05	0.000989	0.000346	0.000418	5.94E-05	0.000565	0.000548121	0.000548121
361	4.26E-03	0.000449	0.000187	1.18E-05	0.000988	0.000375	0.000408	6.24E-05	0.000609	0.000585121	0.000585121
362	4.45E-03	0.000465	0.000195	8.5E-06	0.001015	0.000401	0.00041	6.51E-05	0.000649	0.000622016	0.000622016
363	5.01E-03	0.000485	0.000201	2.5E-05	0.001251	0.00043	0.000496	6.8E-05	0.000693	0.000682237	0.000682237
364	5.15E-03	0.000488	0.000204	1.71E-05	0.001242	0.000461	0.000481	7.12E-05	0.000738	0.000722189	0.000722189
365	5.37E-03	0.000486	0.000204	1.26E-05	0.001278	0.000496	0.000484	7.49E-05	0.000786	0.000772009	0.000772009
366	5.58E-03	0.00048	0.000202	9.84E-06	0.001323	0.000528	0.000493	7.84E-05	0.000829	0.000818339	0.000818339
367	5.78E-03	0.000469	0.000198	7.89E-06	0.001372	0.000558	0.000506	8.22E-05	0.000866	0.000862284	0.000862284
368	5.98E-03	0.000455	0.000192	6.46E-06	0.00142	0.000585	0.000529	8.72E-05	0.000897	0.000902029	0.000902029
369	6.08E-03	0.000439	0.000186	5.39E-06	0.001445	0.000601	0.000548	9.13E-05	0.000913	0.000925345	0.000925345
370	6.09E-03	0.000421	0.000178	4.55E-06	0.001448	0.000606	0.000563	9.45E-05	0.000914	0.000932149	0.000932149
371	6.05E-03	0.000402	0.00017	3.9E-06	0.001435	0.000603	0.000577	9.75E-05	0.000904	0.000927117	0.000927117
372	5.97E-03	0.000384	0.000163	3.38E-06	0.001413	0.000596	0.000592	0.0001	0.000888	0.000915437	0.000915437
373	5.86E-03	0.000366	0.000155	2.95E-06	0.001382	0.000585	0.000604	0.000103	0.000867	0.000897563	0.000897563
374	5.72E-03	0.000348	0.000148	2.6E-06	0.001345	0.00057	0.000615	0.000105	0.000842	0.000874914	0.000874914
375	5.57E-03	0.000331	0.00014	2.31E-06	0.001303	0.000553	0.000623	0.000107	0.000814	0.000848997	0.000848997
376	5.40E-03	0.000314	0.000133	2.07E-06	0.001258	0.000535	0.000629	0.000108	0.000784	0.000820829	0.000820829
377	2.22E-03	0.000254	0.000105	7.01E-06	0.000494	0.000182	0.000259	3.99E-05	0.000302	0.00028607	0.00028607
378	2.45E-03	0.000281	0.000116	1E-05	0.000562	0.000198	0.000285	4.23E-05	0.000329	0.000313167	0.000313167
379	2.74E-03	0.000312	0.000127	1.53E-05	0.000657	0.000216	0.000322	4.48E-05	0.000359	0.000345127	0.000345127
380	2.77E-03	0.000333	0.000139	4.92E-06	0.000594	0.000235	0.000293	4.74E-05	0.000392	0.000364415	0.000364415
381	3.05E-03	0.000365	0.000152	7.33E-06	0.00067	0.000257	0.00032	5.03E-05	0.000429	0.000401025	0.000401025
382	6.91E-03	0.000537	0.000227	7.56E-06	0.001651	0.00068	0.000569	9.34E-05	0.001048	0.001048658	0.001048658
383	7.09E-03	0.000515	0.000218	6.19E-06	0.001697	0.000706	0.000595	9.89E-05	0.001075	0.001086962	0.001086962
384	7.15E-03	0.000491	0.000208	5.16E-06	0.001713	0.000718	0.000618	0.000104	0.001082	0.001103872	0.001103872
385	7.10E-03	0.000467	0.000198	4.36E-06	0.001699	0.000716	0.000637	0.000107	0.001071	0.001099246	0.001099246
386	6.98E-03	0.000443	0.000188	3.74E-06	0.001666	0.000704	0.000654	0.000111	0.001048	0.001081249	0.001081249
387	6.82E-03	0.000419	0.000178	3.24E-06	0.001622	0.000687	0.00067	0.000114	0.001017	0.001054641	0.001054641
388	6.63E-03	0.000396	0.000168	2.83E-06	0.001569	0.000666	0.000683	0.000117	0.000982	0.00102226	0.00102226
389	6.42E-03	0.000374	0.000159	2.5E-06	0.001512	0.000643	0.000694	0.000119	0.000944	0.000986431	0.000986431
390	6.20E-03	0.000353	0.00015	2.22E-06	0.001452	0.000618	0.000701	0.00012	0.000904	0.00094844	0.00094844
391	5.97E-03	0.000333	0.000141	1.99E-06	0.001391	0.000593	0.000705	0.000121	0.000864	0.000908991	0.000908991
392	2.39E-03	0.000285	0.000119	6.7E-06	0.000522	0.000196	0.000274	4.27E-05	0.000328	0.000306448	0.000306448
393	2.64E-03	0.000319	0.000133	9.39E-06	0.00059	0.000213	0.0003	4.53E-05	0.000358	0.000336023	0.000336023
394	2.96E-03	0.000358	0.000148	1.39E-05	0.000684	0.000234	0.000335	4.81E-05	0.000393	0.000371473	0.000371473
395	3.05E-03	0.000394	0.000164	4.72E-06	0.000642	0.000257	0.000314	5.12E-05	0.000433	0.000397281	0.000397281
396	3.39E-03	0.000433	0.000182	6.78E-06	0.000726	0.000284	0.000342	5.46E-05	0.00048	0.000441302	0.000441302

Franklin School Project

Mitigated Residential - Residential Construction Health Impact Assessment

547	Receptor
0.05	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
397	8.38E-03	0.000614	0.00026	7.03E-06	0.002021	0.000843	0.000644	0.000107	0.001286	0.001297133	0.001297133
398	8.50E-03	0.000581	0.000246	5.79E-06	0.002058	0.000865	0.000675	0.000113	0.001303	0.001328558	0.001328558
399	8.47E-03	0.000548	0.000232	4.85E-06	0.00205	0.000865	0.000704	0.000119	0.001292	0.001328852	0.001328852
400	8.30E-03	0.000515	0.000219	4.11E-06	0.002004	0.000849	0.000726	0.000123	0.001259	0.001302658	0.001302658
401	8.06E-03	0.000484	0.000205	3.53E-06	0.001937	0.000822	0.000746	0.000127	0.001213	0.00126189	0.00126189
402	7.79E-03	0.000454	0.000193	3.07E-06	0.001861	0.000792	0.000763	0.00013	0.001163	0.001214305	0.001214305
403	7.49E-03	0.000426	0.000181	2.69E-06	0.001779	0.000758	0.000777	0.000133	0.001108	0.001161758	0.001161758
404	7.18E-03	0.000399	0.000169	2.37E-06	0.001695	0.000723	0.000786	0.000135	0.001053	0.00110812	0.00110812
405	6.87E-03	0.000374	0.000159	2.11E-06	0.001612	0.000688	0.000791	0.000136	0.001	0.001055151	0.001055151
406	6.56E-03	0.000351	0.000149	1.89E-06	0.00153	0.000654	0.000791	0.000136	0.000947	0.001002075	0.001002075
407	2.55E-03	0.000321	0.000135	6.08E-06	0.000545	0.000209	0.000287	4.54E-05	0.000352	0.000325191	0.000325191
408	2.82E-03	0.000361	0.000151	8.14E-06	0.00061	0.000228	0.000312	4.83E-05	0.000386	0.000356538	0.000356538
409	3.15E-03	0.00041	0.000171	1.14E-05	0.000698	0.000251	0.000344	5.15E-05	0.000427	0.000395289	0.000395289
410	3.56E-03	0.000467	0.000194	1.65E-05	0.000812	0.000278	0.000386	5.5E-05	0.000473	0.000441155	0.000441155
411	3.74E-03	0.000524	0.00022	5.65E-06	0.000774	0.000309	0.000362	5.89E-05	0.00053	0.000479053	0.000479053
412	1.03E-02	0.000699	0.000297	6.36E-06	0.00253	0.001066	0.000732	0.000123	0.001605	0.00163769	0.00163769
413	1.03E-02	0.000653	0.000277	5.31E-06	0.002531	0.001071	0.000771	0.00013	0.001594	0.001644532	0.001644532
414	1.01E-02	0.000609	0.000258	4.48E-06	0.002474	0.00105	0.000807	0.000137	0.001551	0.001611557	0.001611557
415	9.75E-03	0.000566	0.00024	3.83E-06	0.002373	0.00101	0.000834	0.000142	0.001483	0.00154844	0.00154844
416	9.32E-03	0.000526	0.000224	3.3E-06	0.002254	0.000961	0.000857	0.000147	0.001405	0.001473194	0.001473194
417	8.89E-03	0.00049	0.000208	2.88E-06	0.002135	0.000911	0.000876	0.00015	0.001327	0.00139654	0.00139654
418	8.45E-03	0.000456	0.000194	2.53E-06	0.002013	0.00086	0.000889	0.000153	0.001248	0.001317646	0.001317646
419	8.00E-03	0.000423	0.00018	2.24E-06	0.001891	0.000808	0.000894	0.000154	0.00117	0.001238912	0.001238912
420	7.59E-03	0.000395	0.000168	2E-06	0.001782	0.000762	0.000896	0.000154	0.0011	0.001167871	0.001167871
421	7.20E-03	0.000368	0.000156	1.8E-06	0.001677	0.000717	0.00089	0.000153	0.001032	0.001099547	0.001099547
422	2.73E-03	0.00036	0.000152	5.36E-06	0.000569	0.000222	0.000301	4.84E-05	0.000379	0.000345158	0.000345158
423	3.03E-03	0.000413	0.000174	6.89E-06	0.000636	0.000244	0.000327	5.18E-05	0.000419	0.000380942	0.000380942
424	3.41E-03	0.000476	0.0002	9.09E-06	0.000721	0.000271	0.000357	5.55E-05	0.000467	0.000423941	0.000423941
425	3.85E-03	0.000552	0.000232	1.21E-05	0.000823	0.000302	0.000393	5.95E-05	0.000523	0.000474322	0.000474322
426	4.39E-03	0.000646	0.000271	1.61E-05	0.000953	0.00034	0.000436	6.41E-05	0.000593	0.00053688	0.00053688
427	1.31E-02	0.00079	0.000336	5.64E-06	0.003257	0.001384	0.000854	0.000144	0.002044	0.00212342	0.00212342
428	1.27E-02	0.000729	0.00031	4.78E-06	0.003157	0.001345	0.000894	0.000152	0.00197	0.002062237	0.002062237
429	1.21E-02	0.000671	0.000285	4.09E-06	0.002998	0.001279	0.000937	0.00016	0.001864	0.001960588	0.001960588
430	1.14E-02	0.000617	0.000262	3.52E-06	0.002807	0.001199	0.000968	0.000166	0.001742	0.001837746	0.001837746
431	1.08E-02	0.000569	0.000242	3.07E-06	0.002618	0.001119	0.000994	0.00017	0.001621	0.001714933	0.001714933
432	1.01E-02	0.000525	0.000223	2.69E-06	0.002436	0.001042	0.001013	0.000174	0.001506	0.001597129	0.001597129
433	9.50E-03	0.000485	0.000206	2.38E-06	0.002267	0.00097	0.001023	0.000176	0.001398	0.001486962	0.001486962
434	8.89E-03	0.000447	0.00019	2.11E-06	0.002103	0.000901	0.001023	0.000176	0.001294	0.001379984	0.001379984
435	8.36E-03	0.000413	0.000176	1.88E-06	0.001959	0.000839	0.001017	0.000175	0.001203	0.001285941	0.001285941
436	7.86E-03	0.000384	0.000163	1.7E-06	0.001828	0.000783	0.001004	0.000173	0.00112	0.001200232	0.001200232
437	2.91E-03	0.000404	0.000171	4.62E-06	0.000593	0.000236	0.000316	5.16E-05	0.000406	0.000365375	0.000365375
438	3.26E-03	0.000471	0.000199	5.73E-06	0.000664	0.000261	0.000343	5.55E-05	0.000453	0.000405802	0.000405802
439	3.70E-03	0.000556	0.000235	7.67E-06	0.000755	0.000292	0.000376	5.98E-05	0.000511	0.000454729	0.000454729
440	4.19E-03	0.000657	0.000278	8.98E-06	0.00085	0.000328	0.000408	6.44E-05	0.000577	0.000510269	0.000510269

Franklin School Project

Mitigated Residential - Residential Construction Health Impact Assessment

547	Receptor
0.05	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
441	4.86E-03	0.000804	0.00034	1.12E-05	0.00098	0.000374	0.000449	6.99E-05	0.000665	0.000583431	0.000583431
442	1.68E-02	0.000884	0.000376	4.95E-06	0.004273	0.001827	0.001008	0.000172	0.002634	0.002799603	0.002799603
443	1.57E-02	0.000806	0.000343	4.27E-06	0.003963	0.001696	0.001051	0.00018	0.002441	0.002598914	0.002598914
444	1.45E-02	0.000732	0.000311	3.7E-06	0.003624	0.001552	0.001099	0.000188	0.002233	0.002377702	0.002377702
445	1.34E-02	0.000668	0.000284	3.22E-06	0.003304	0.001415	0.001135	0.000195	0.002034	0.00216822	0.00216822
446	1.24E-02	0.00061	0.000259	2.83E-06	0.003016	0.001292	0.001162	0.0002	0.001855	0.001980371	0.001980371
447	1.14E-02	0.000558	0.000237	2.49E-06	0.002761	0.001183	0.001178	0.000203	0.001696	0.00181323	0.00181323
448	1.06E-02	0.000512	0.000218	2.22E-06	0.002538	0.001088	0.001184	0.000204	0.001556	0.001667192	0.001667192
449	9.87E-03	0.000469	0.0002	1.98E-06	0.002331	0.001	0.001176	0.000203	0.001426	0.001531576	0.001531576
450	9.17E-03	0.000431	0.000183	1.77E-06	0.002144	0.00092	0.001158	0.0002	0.001309	0.001409225	0.001409225
451	8.54E-03	0.000397	0.000169	1.6E-06	0.001981	0.00085	0.001133	0.000196	0.001207	0.001302064	0.001302064
452	3.10E-03	0.00045	0.000191	3.94E-06	0.000617	0.000249	0.000333	5.5E-05	0.000434	0.000385397	0.000385397
453	3.51E-03	0.000534	0.000226	4.9E-06	0.000694	0.000279	0.000363	5.95E-05	0.000489	0.000431022	0.000431022
454	4.04E-03	0.000649	0.000275	6.56E-06	0.000794	0.000314	0.000399	6.46E-05	0.000558	0.000487435	0.000487435
455	4.63E-03	0.000793	0.000336	6.94E-06	0.000894	0.000356	0.000432	7E-05	0.000639	0.000551328	0.000551328
456	5.46E-03	0.001013	0.00043	8.27E-06	0.001034	0.00041	0.000475	7.65E-05	0.000747	0.000635888	0.000635888
457	2.16E-02	0.000977	0.000416	4.33E-06	0.005606	0.002406	0.001196	0.000205	0.00339	0.003686178	0.003686178
458	1.92E-02	0.000879	0.000374	3.8E-06	0.004927	0.002115	0.001254	0.000215	0.002996	0.003239667	0.003239667
459	1.72E-02	0.000792	0.000337	3.33E-06	0.00433	0.001859	0.001305	0.000224	0.002642	0.002846972	0.002846972
460	1.55E-02	0.000715	0.000304	2.93E-06	0.003841	0.001649	0.001344	0.000231	0.002347	0.002525913	0.002525913
461	1.41E-02	0.000647	0.000275	2.6E-06	0.003438	0.001476	0.001369	0.000236	0.0021	0.002260815	0.002260815
462	1.29E-02	0.000588	0.00025	2.31E-06	0.003103	0.001332	0.00138	0.000238	0.001893	0.002040788	0.002040788
463	1.18E-02	0.000536	0.000228	2.07E-06	0.002818	0.00121	0.001377	0.000238	0.001716	0.001853363	0.001853363
464	1.09E-02	0.000489	0.000208	1.86E-06	0.002566	0.001102	0.001358	0.000235	0.00156	0.001687839	0.001687839
465	1.00E-02	0.000446	0.00019	1.67E-06	0.002335	0.001003	0.001322	0.000229	0.001417	0.001536334	0.001536334
466	9.24E-03	0.000409	0.000174	1.51E-06	0.002136	0.000917	0.00128	0.000221	0.001294	0.001405087	0.001405087
467	3.29E-03	0.000495	0.00021	3.36E-06	0.00064	0.000262	0.000351	5.85E-05	0.00046	0.000404368	0.000404368
468	3.75E-03	0.000597	0.000253	4.18E-06	0.000724	0.000295	0.000384	6.37E-05	0.000524	0.000455125	0.000455125
469	4.34E-03	0.000735	0.000312	5.46E-06	0.000828	0.000334	0.000422	6.94E-05	0.000602	0.000516208	0.000516208
470	5.09E-03	0.00094	0.000399	5.46E-06	0.000942	0.000383	0.000461	7.6E-05	0.000702	0.000591583	0.000591583
471	6.19E-03	0.001273	0.000541	6.37E-06	0.001102	0.000448	0.000509	8.39E-05	0.000839	0.00069208	0.00069208
472	2.71E-02	0.001065	0.000453	3.8E-06	0.007154	0.003078	0.001437	0.000247	0.004263	0.004713973	0.004713973
473	2.31E-02	0.000948	0.000403	3.37E-06	0.005953	0.002561	0.001509	0.00026	0.003584	0.003921327	0.003921327
474	2.00E-02	0.000845	0.00036	2.99E-06	0.005058	0.002175	0.001566	0.00027	0.003061	0.003330772	0.003330772
475	1.77E-02	0.000757	0.000322	2.67E-06	0.004392	0.001889	0.001608	0.000277	0.002664	0.00289231	0.00289231
476	1.59E-02	0.000681	0.00029	2.38E-06	0.003872	0.001665	0.001628	0.000281	0.002348	0.002549293	0.002549293
477	1.44E-02	0.000615	0.000262	2.14E-06	0.003453	0.001484	0.001628	0.000281	0.002091	0.00227331	0.00227331
478	1.31E-02	0.000556	0.000237	1.92E-06	0.0031	0.001333	0.001607	0.000278	0.001874	0.002041052	0.002041052
479	1.19E-02	0.000506	0.000215	1.74E-06	0.002799	0.001203	0.001569	0.000271	0.001689	0.001842591	0.001842591
480	1.09E-02	0.00046	0.000196	1.57E-06	0.002533	0.001089	0.001515	0.000262	0.001527	0.001667812	0.001667812
481	9.97E-03	0.000419	0.000178	1.43E-06	0.002292	0.000985	0.001446	0.00025	0.00138	0.00150916	0.00150916
482	3.47E-03	0.000536	0.000228	2.87E-06	0.000663	0.000274	0.00037	6.22E-05	0.000485	0.000422321	0.000422321
483	4.00E-03	0.000659	0.00028	3.53E-06	0.000754	0.00031	0.000407	6.81E-05	0.000558	0.000478566	0.000478566
484	4.67E-03	0.000828	0.000352	4.47E-06	0.000865	0.000354	0.000449	7.48E-05	0.000648	0.000546426	0.000546426

Franklin School Project

Mitigated Residential - Residential Construction Health Impact Assessment

547	Receptor
0.05	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
485	5.60E-03	0.001101	0.000468	4.43E-06	0.000996	0.000411	0.000495	8.28E-05	0.000771	0.000633698	0.000633698
486	6.97E-03	0.001554	0.000662	5.06E-06	0.001178	0.000487	0.000552	9.22E-05	0.00094	0.00075	0.00075
487	3.23E-02	0.001145	0.000488	3.34E-06	0.008555	0.003687	0.001755	0.000302	0.005079	0.005644299	0.005644299
488	2.67E-02	0.001009	0.00043	3.01E-06	0.006904	0.002974	0.001843	0.000318	0.004134	0.004553061	0.004553061
489	2.28E-02	0.000892	0.00038	2.7E-06	0.005754	0.002477	0.001906	0.000329	0.00346	0.003793266	0.003793266
490	1.99E-02	0.000793	0.000338	2.43E-06	0.00493	0.002122	0.001944	0.000336	0.002968	0.003249387	0.003249387
491	1.77E-02	0.000709	0.000302	2.19E-06	0.004301	0.001851	0.001951	0.000337	0.002588	0.00283469	0.00283469
492	1.59E-02	0.000636	0.000271	1.98E-06	0.003801	0.001636	0.00193	0.000334	0.002285	0.002504955	0.002504955
493	1.43E-02	0.000572	0.000244	1.79E-06	0.003375	0.001452	0.001879	0.000325	0.002025	0.002223835	0.002223835
494	1.30E-02	0.000518	0.00022	1.62E-06	0.003024	0.001301	0.001811	0.000314	0.001812	0.001992655	0.001992655
495	1.18E-02	0.00047	0.0002	1.48E-06	0.002721	0.001171	0.001729	0.000299	0.001629	0.001792602	0.001792602
496	1.07E-02	0.000427	0.000182	1.35E-06	0.002444	0.001052	0.001631	0.000282	0.001462	0.001610337	0.001610337
497	3.65E-03	0.000578	0.000246	2.5E-06	0.000687	0.000286	0.000391	6.61E-05	0.000511	0.000440137	0.000440137
498	4.24E-03	0.000721	0.000307	2.96E-06	0.000784	0.000326	0.000432	7.29E-05	0.000593	0.000501625	0.000501625
499	5.03E-03	0.000932	0.000397	3.63E-06	0.000906	0.000376	0.000481	8.1E-05	0.0007	0.000578826	0.000578826
500	6.15E-03	0.001269	0.00054	4.5E-06	0.001065	0.000441	0.000539	9.04E-05	0.000845	0.000678613	0.000678613
501	7.74E-03	0.001813	0.000773	4.11E-06	0.001257	0.000526	0.000602	0.000102	0.001047	0.000808245	0.000808245
502	3.65E-02	0.001215	0.000518	2.96E-06	0.00963	0.004153	0.002187	0.000378	0.005712	0.006357807	0.006357807
503	3.00E-02	0.00106	0.000452	2.69E-06	0.007696	0.003318	0.002288	0.000396	0.004591	0.005079511	0.005079511
504	2.55E-02	0.000931	0.000397	2.44E-06	0.006395	0.002756	0.002353	0.000407	0.003822	0.004219209	0.004219209
505	2.22E-02	0.000823	0.00035	2.21E-06	0.005449	0.002348	0.002376	0.000411	0.003256	0.003594508	0.003594508
506	1.96E-02	0.000731	0.000311	2.01E-06	0.004723	0.002035	0.002355	0.000408	0.002819	0.003115021	0.003115021
507	1.75E-02	0.000652	0.000278	1.83E-06	0.004141	0.001784	0.002296	0.000398	0.002468	0.002730707	0.002730707
508	1.56E-02	0.000584	0.000249	1.66E-06	0.003654	0.001574	0.002203	0.000382	0.002175	0.002409558	0.002409558
509	1.40E-02	0.000525	0.000224	1.52E-06	0.003244	0.001397	0.002089	0.000362	0.001929	0.002138591	0.002138591
510	1.27E-02	0.000475	0.000202	1.39E-06	0.002893	0.001245	0.001963	0.00034	0.001719	0.00190679	0.00190679
511	1.14E-02	0.00043	0.000183	1.28E-06	0.002579	0.00111	0.001826	0.000316	0.001532	0.001700176	0.001700176
512	3.80E-03	0.000612	0.00026	2.18E-06	0.000707	0.000296	0.000412	6.99E-05	0.000532	0.000455178	0.000455178
513	4.44E-03	0.000768	0.000327	2.47E-06	0.000808	0.000339	0.000458	7.77E-05	0.000621	0.000520665	0.000520665
514	5.29E-03	0.000995	0.000424	2.91E-06	0.000935	0.000392	0.000512	8.68E-05	0.000737	0.000602314	0.000602314
515	6.54E-03	0.00138	0.000588	3.43E-06	0.001106	0.000463	0.000578	9.8E-05	0.000903	0.00071214	0.00071214
516	8.39E-03	0.002008	0.000856	3.91E-06	0.001332	0.000559	0.000658	0.000112	0.001142	0.00085878	0.00085878
517	4.01E-02	0.001274	0.000543	2.64E-06	0.010466	0.004516	0.00279	0.000483	0.006203	0.006913014	0.006913014
518	3.33E-02	0.001105	0.000471	2.42E-06	0.008476	0.003657	0.002905	0.000503	0.00503	0.005597416	0.005597416
519	2.84E-02	0.000963	0.00041	2.22E-06	0.007042	0.003037	0.002954	0.000512	0.004176	0.004649325	0.004649325
520	2.46E-02	0.000845	0.00036	2.02E-06	0.005972	0.002575	0.002936	0.000509	0.003537	0.003941947	0.003941947
521	2.16E-02	0.000746	0.000318	1.85E-06	0.00515	0.00222	0.002862	0.000496	0.003045	0.003398862	0.003398862
522	1.92E-02	0.000662	0.000282	1.7E-06	0.004489	0.001935	0.002741	0.000475	0.002651	0.002961743	0.002961743
523	1.70E-02	0.000591	0.000252	1.55E-06	0.003929	0.001693	0.002581	0.000447	0.002318	0.002592202	0.002592202
524	1.51E-02	0.000529	0.000225	1.43E-06	0.003457	0.001489	0.002403	0.000416	0.002039	0.00228023	0.00228023
525	1.35E-02	0.000476	0.000203	1.31E-06	0.00305	0.001314	0.002216	0.000384	0.001799	0.002011799	0.002011799
526	1.20E-02	0.000428	0.000182	1.2E-06	0.002689	0.001158	0.002022	0.000351	0.001586	0.001773152	0.001773152
527	3.94E-03	0.00064	0.000273	1.92E-06	0.000724	0.000305	0.000433	7.39E-05	0.000549	0.000468118	0.000468118
528	4.63E-03	0.00081	0.000345	2.13E-06	0.000831	0.00035	0.000485	8.27E-05	0.000646	0.00053781	0.00053781

Franklin School Project

Mitigated Residential - Residential Construction Health Impact Assessment

547	Receptor
0.05	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
529	5.57E-03	0.001068	0.000455	2.4E-06	0.000969	0.000408	0.000547	9.33E-05	0.000777	0.000627341	0.000627341
530	6.93E-03	0.001481	0.000631	2.72E-06	0.001149	0.000485	0.000624	0.000106	0.00096	0.00074496	0.00074496
531	8.94E-03	0.002149	0.000916	3E-06	0.001396	0.00059	0.000719	0.000123	0.001233	0.000906356	0.000906356
532	4.41E-02	0.00132	0.000563	2.36E-06	0.011337	0.004895	0.003646	0.000632	0.006684	0.007491377	0.007491377
533	3.71E-02	0.001136	0.000484	2.18E-06	0.009289	0.00401	0.003754	0.000651	0.005461	0.006137052	0.006137052
534	3.13E-02	0.000979	0.000417	2.01E-06	0.007656	0.003304	0.003733	0.000647	0.004493	0.005056953	0.005056953
535	2.69E-02	0.00085	0.000362	1.84E-06	0.006419	0.002769	0.003613	0.000626	0.003761	0.004238669	0.004238669
536	2.34E-02	0.000745	0.000317	1.7E-06	0.005489	0.002367	0.003435	0.000596	0.003212	0.00362375	0.00362375
537	2.06E-02	0.000659	0.000281	1.56E-06	0.004756	0.002051	0.003221	0.000558	0.002782	0.003139659	0.003139659
538	1.81E-02	0.000587	0.00025	1.44E-06	0.00414	0.001785	0.002974	0.000516	0.002421	0.002732174	0.002732174
539	1.60E-02	0.000526	0.000224	1.33E-06	0.003627	0.001563	0.002724	0.000472	0.002121	0.002393417	0.002393417
540	1.41E-02	0.00047	0.0002	1.23E-06	0.003162	0.001363	0.002458	0.000426	0.001851	0.002086082	0.002086082
541	1.24E-02	0.000421	0.000179	1.13E-06	0.002758	0.001188	0.002201	0.000382	0.001616	0.001819115	0.001819115
542	4.04E-03	0.000659	0.000281	1.7E-06	0.000737	0.000311	0.000454	7.76E-05	0.000562	0.00047781	0.00047781
543	4.78E-03	0.000841	0.000358	1.88E-06	0.00085	0.000359	0.000512	8.76E-05	0.000665	0.000551619	0.000551619
544	5.82E-03	0.001126	0.00048	2.08E-06	0.000998	0.000422	0.000585	0.0001	0.000809	0.000648488	0.000648488
545	7.25E-03	0.001555	0.000663	2.27E-06	0.001188	0.000504	0.000672	0.000115	0.001005	0.000772915	0.000772915
546	9.35E-03	0.002238	0.000955	2.45E-06	0.001444	0.000614	0.000782	0.000134	0.001295	0.000941592	0.000941592
547	4.98E-02	0.001349	0.000575	2.12E-06	0.012645	0.005462	0.004878	0.000846	0.007348	0.008358707	0.008358707
548	4.14E-02	0.00115	0.00049	1.97E-06	0.010213	0.00441	0.004913	0.000852	0.005919	0.006749835	0.006749835
549	3.49E-02	0.000985	0.00042	1.83E-06	0.008358	0.003608	0.004771	0.000828	0.004838	0.005522577	0.005522577
550	2.96E-02	0.000849	0.000362	1.69E-06	0.006946	0.002998	0.004487	0.000778	0.00402	0.004588557	0.004588557
551	2.48E-02	0.000728	0.00031	1.55E-06	0.005703	0.002461	0.004029	0.000699	0.003303	0.003766398	0.003766398
552	2.13E-02	0.000637	0.000271	1.42E-06	0.004836	0.002086	0.003634	0.00063	0.002803	0.003193495	0.003193495
553	1.87E-02	0.000567	0.000242	1.32E-06	0.0042	0.001811	0.003297	0.000572	0.002436	0.002772673	0.002772673
554	1.63E-02	0.000507	0.000216	1.23E-06	0.003645	0.001572	0.002955	0.000512	0.002117	0.002405961	0.002405961
555	1.43E-02	0.000454	0.000193	1.14E-06	0.003173	0.001368	0.002634	0.000457	0.001845	0.002094043	0.002094043
556	1.25E-02	0.000407	0.000173	1.05E-06	0.002751	0.001186	0.002324	0.000403	0.001603	0.001814931	0.001814931
557	4.11E-03	0.000671	0.000286	1.52E-06	0.000745	0.000316	0.000474	8.12E-05	0.000569	0.000484339	0.000484339
558	4.88E-03	0.00086	0.000367	1.67E-06	0.000862	0.000365	0.000538	9.23E-05	0.000676	0.000560849	0.000560849
559	5.95E-03	0.001149	0.00049	1.82E-06	0.001013	0.00043	0.000619	0.000106	0.000822	0.000660008	0.000660008
560	7.47E-03	0.001597	0.000681	1.98E-06	0.001215	0.000517	0.000721	0.000124	0.001033	0.000792551	0.000792551
561	9.62E-03	0.002285	0.000975	2.12E-06	0.001476	0.000629	0.000846	0.000145	0.001329	0.000964823	0.000964823
562	4.80E-02	0.001162	0.000495	1.8E-06	0.011579	0.005002	0.006674	0.001158	0.006587	0.007655316	0.007655316
563	4.00E-02	0.00099	0.000422	1.68E-06	0.009383	0.004052	0.006283	0.00109	0.005345	0.006201763	0.006201763
564	3.28E-02	0.000841	0.000358	1.55E-06	0.007547	0.003258	0.005589	0.00097	0.00431	0.004986983	0.004986983
565	2.54E-02	0.000689	0.000294	1.39E-06	0.005739	0.002477	0.00454	0.000788	0.003292	0.003791475	0.003791475
566	2.15E-02	0.0006	0.000256	1.29E-06	0.004796	0.002069	0.003961	0.000687	0.002757	0.003167628	0.003167628
567	1.84E-02	0.00053	0.000226	1.2E-06	0.004075	0.001758	0.003467	0.000601	0.002347	0.002690502	0.002690502
568	1.59E-02	0.000473	0.000202	1.12E-06	0.0035	0.001509	0.003039	0.000527	0.002021	0.002310686	0.002310686
569	1.38E-02	0.000425	0.000181	1.04E-06	0.003025	0.001304	0.002664	0.000462	0.001751	0.001996762	0.001996762
570	1.22E-02	0.000386	0.000164	9.79E-07	0.002663	0.001148	0.002367	0.000411	0.001545	0.001756987	0.001756987
571	4.16E-03	0.000678	0.000289	1.37E-06	0.00075	0.000318	0.000492	8.45E-05	0.000572	0.000488566	0.000488566
572	4.97E-03	0.000877	0.000374	1.49E-06	0.000871	0.00037	0.000564	9.69E-05	0.000683	0.000568147	0.000568147

Franklin School Project

Mitigated Residential - Residential Construction Health Impact Assessment

547	Receptor
0.05	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
573	6.04E-03	0.00116	0.000495	1.62E-06	0.001022	0.000435	0.000651	0.000112	0.000828	0.000667381	0.000667381
574	7.60E-03	0.001611	0.000687	1.74E-06	0.001229	0.000524	0.000767	0.000132	0.001042	0.000803634	0.000803634
575	9.76E-03	0.002296	0.00098	1.85E-06	0.001491	0.000637	0.000908	0.000156	0.001334	0.000976515	0.000976515
576	4.69E-02	0.000986	0.00042	1.54E-06	0.010728	0.004635	0.008437	0.001465	0.006015	0.007093246	0.007093246
577	3.79E-02	0.000837	0.000357	1.44E-06	0.008538	0.003688	0.007183	0.001247	0.004809	0.005644249	0.005644249
578	2.97E-02	0.000703	0.0003	1.33E-06	0.006603	0.002851	0.005795	0.001006	0.003739	0.004363769	0.004363769
579	2.46E-02	0.000612	0.000261	1.24E-06	0.005414	0.002337	0.004877	0.000846	0.003078	0.003576735	0.003576735
580	2.03E-02	0.000536	0.000228	1.15E-06	0.004452	0.001921	0.004074	0.000707	0.002541	0.002940521	0.002940521
581	1.68E-02	0.000468	0.000199	1.07E-06	0.003652	0.001576	0.003372	0.000585	0.002094	0.002411802	0.002411802
582	1.41E-02	0.000413	0.000176	9.89E-07	0.003059	0.001319	0.002836	0.000492	0.001761	0.00201916	0.00201916
583	1.20E-02	0.000367	0.000156	9.17E-07	0.002588	0.001116	0.002404	0.000417	0.001495	0.001707993	0.001707993
584	4.17E-03	0.000674	0.000287	1.24E-06	0.000749	0.000319	0.000508	8.73E-05	0.000569	0.000488609	0.000488609
585	4.99E-03	0.000871	0.000371	1.34E-06	0.000871	0.000371	0.000585	0.000101	0.000679	0.000568664	0.000568664
586	6.09E-03	0.001161	0.000495	1.44E-06	0.001028	0.000438	0.000683	0.000118	0.000828	0.000671798	0.000671798
587	7.60E-03	0.001591	0.000679	1.54E-06	0.001227	0.000524	0.000806	0.000139	0.001028	0.000803306	0.000803306
588	9.78E-03	0.002275	0.000971	1.63E-06	0.001492	0.000638	0.000966	0.000167	0.001314	0.000978423	0.000978423
589	4.56E-02	0.000832	0.000355	1.35E-06	0.010076	0.004354	0.009464	0.001643	0.005599	0.006662509	0.006662509
590	3.65E-02	0.00072	0.000307	1.27E-06	0.007983	0.003448	0.007671	0.001332	0.00446	0.00527762	0.00527762
591	2.91E-02	0.000627	0.000267	1.19E-06	0.00633	0.002733	0.006156	0.001069	0.003558	0.004183416	0.004183416
592	2.29E-02	0.000542	0.000231	1.11E-06	0.004953	0.002138	0.004838	0.00084	0.002802	0.003272629	0.003272629
593	1.86E-02	0.000476	0.000203	1.04E-06	0.004015	0.001733	0.003918	0.00068	0.002285	0.002652266	0.002652266
594	1.51E-02	0.000417	0.000178	9.65E-07	0.00326	0.001406	0.003168	0.00055	0.001865	0.002152426	0.002152426
595	1.24E-02	0.000364	0.000155	8.9E-07	0.002658	0.001146	0.002568	0.000445	0.001529	0.001754649	0.001754649
596	4.14E-03	0.000661	0.000282	1.13E-06	0.000743	0.000316	0.00052	8.95E-05	0.00056	0.000485126	0.000485126
597	4.96E-03	0.000853	0.000364	1.21E-06	0.000865	0.000369	0.000602	0.000104	0.000668	0.000565242	0.000565242
598	6.00E-03	0.001121	0.000478	1.29E-06	0.001013	0.000432	0.000703	0.000121	0.000804	0.000663031	0.000663031
599	7.48E-03	0.001537	0.000655	1.37E-06	0.001209	0.000517	0.000835	0.000144	0.000994	0.000792671	0.000792671
600	9.61E-03	0.002201	0.000939	1.45E-06	0.001469	0.000629	0.001009	0.000174	0.001259	0.000963826	0.000963826
601	3.97E-02	0.000693	0.000295	1.18E-06	0.008537	0.003689	0.008881	0.001542	0.004732	0.005644775	0.005644775
602	3.04E-02	0.000603	0.000257	1.12E-06	0.006516	0.002814	0.00677	0.001176	0.003639	0.004306899	0.004306899
603	2.36E-02	0.000525	0.000224	1.05E-06	0.005048	0.002179	0.005209	0.000904	0.002841	0.003335735	0.003335735
604	1.89E-02	0.000462	0.000197	9.88E-07	0.004046	0.001746	0.004134	0.000718	0.002292	0.002672704	0.002672704
605	1.54E-02	0.000408	0.000174	9.25E-07	0.003291	0.00142	0.003324	0.000577	0.001875	0.002172998	0.002172998
606	1.26E-02	0.000359	0.000153	8.6E-07	0.002685	0.001158	0.00268	0.000465	0.001539	0.001772681	0.001772681
607	4.07E-03	0.000637	0.000271	1.03E-06	0.000731	0.000312	0.000527	9.08E-05	0.000546	0.000477671	0.000477671
608	4.85E-03	0.000816	0.000348	1.1E-06	0.000849	0.000362	0.000612	0.000106	0.000648	0.000555537	0.000555537
609	5.87E-03	0.001069	0.000456	1.17E-06	0.000994	0.000425	0.000718	0.000124	0.000776	0.000651335	0.000651335
610	7.25E-03	0.001448	0.000618	1.23E-06	0.00118	0.000505	0.000853	0.000147	0.000947	0.000773801	0.000773801
611	9.25E-03	0.002064	0.000881	1.3E-06	0.001426	0.000611	0.001034	0.000179	0.001182	0.000936166	0.000936166
612	4.10E-02	0.00066	0.000281	1.1E-06	0.008686	0.003753	0.00967	0.001679	0.004792	0.005743901	0.005743901
613	3.05E-02	0.000575	0.000245	1.05E-06	0.006451	0.002787	0.007077	0.001229	0.003591	0.00426473	0.00426473
614	2.33E-02	0.000502	0.000214	9.9E-07	0.004926	0.002127	0.005311	0.000922	0.002765	0.003255608	0.003255608
615	1.85E-02	0.000442	0.000188	9.35E-07	0.003914	0.001689	0.004145	0.00072	0.002213	0.00258583	0.00258583
616	1.50E-02	0.000391	0.000167	8.79E-07	0.003174	0.001369	0.003303	0.000573	0.001806	0.002095797	0.002095797

Franklin School Project

Mitigated Residential - Residential Construction Health Impact Assessment

547	Receptor
0.05	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
617	1.22E-02	0.000344	0.000146	8.2E-07	0.002577	0.001111	0.002635	0.000457	0.001475	0.001701274	0.001701274
618	3.96E-03	0.000603	0.000257	9.4E-07	0.000713	0.000304	0.000529	9.12E-05	0.000527	0.00046658	0.00046658
619	4.67E-03	0.00076	0.000324	1E-06	0.000823	0.000351	0.000613	0.000106	0.000618	0.000538798	0.000538798
620	5.64E-03	0.000991	0.000423	1.06E-06	0.000964	0.000412	0.000722	0.000125	0.000739	0.000632198	0.000632198
621	6.88E-03	0.00132	0.000563	1.11E-06	0.001135	0.000486	0.000856	0.000148	0.000886	0.000744745	0.000744745
622	8.72E-03	0.00186	0.000793	1.17E-06	0.001367	0.000586	0.00104	0.00018	0.001093	0.000897978	0.000897978
623	3.91E-02	0.000621	0.000265	1.03E-06	0.008172	0.003531	0.009574	0.001663	0.004504	0.005403725	0.005403725
624	2.86E-02	0.000541	0.000231	9.83E-07	0.005992	0.002588	0.006836	0.001187	0.003334	0.003961268	0.003961268
625	2.19E-02	0.000474	0.000202	9.32E-07	0.004591	0.001982	0.005105	0.000886	0.002576	0.00303374	0.00303374
626	1.74E-02	0.00042	0.000179	8.84E-07	0.003663	0.001581	0.003978	0.000691	0.002071	0.002420104	0.002420104
627	1.43E-02	0.000374	0.000159	8.37E-07	0.003008	0.001298	0.003197	0.000555	0.001711	0.001986418	0.001986418
628	1.17E-02	0.000331	0.000141	7.86E-07	0.00247	0.001065	0.002572	0.000446	0.001414	0.00163092	0.00163092
629	3.82E-03	0.000563	0.00024	8.63E-07	0.000692	0.000295	0.000527	9.09E-05	0.000505	0.000452945	0.000452945
630	4.47E-03	0.000698	0.000298	9.14E-07	0.000793	0.000339	0.000608	0.000105	0.000586	0.000519389	0.000519389
631	5.32E-03	0.000891	0.00038	9.65E-07	0.000921	0.000394	0.000712	0.000123	0.000691	0.000604405	0.000604405
632	6.46E-03	0.00117	0.000499	1.01E-06	0.001083	0.000464	0.000847	0.000146	0.000825	0.000711381	0.000711381
633	8.06E-03	0.001603	0.000684	1.06E-06	0.001297	0.000557	0.001028	0.000178	0.001002	0.000852712	0.000852712
634	3.40E-02	0.000579	0.000247	9.64E-07	0.007029	0.003037	0.00844	0.001466	0.003887	0.004647803	0.004647803
635	2.54E-02	0.000507	0.000216	9.22E-07	0.005277	0.002279	0.006148	0.001068	0.002945	0.003488337	0.003488337
636	1.98E-02	0.000446	0.00019	8.78E-07	0.004124	0.001781	0.004666	0.00081	0.00232	0.002725297	0.002725297
637	1.60E-02	0.000396	0.000169	8.36E-07	0.003338	0.001441	0.003676	0.000638	0.001891	0.002204897	0.002204897
638	1.32E-02	0.000354	0.000151	7.93E-07	0.002761	0.001191	0.002968	0.000515	0.001573	0.001823174	0.001823174
639	1.10E-02	0.000317	0.000135	7.52E-07	0.002323	0.001002	0.002444	0.000424	0.001331	0.001533503	0.001533503
640	3.65E-03	0.000518	0.000221	7.95E-07	0.000666	0.000285	0.000518	8.95E-05	0.00048	0.000436105	0.000436105
641	4.25E-03	0.000636	0.000271	8.4E-07	0.000762	0.000326	0.000599	0.000103	0.000555	0.000499634	0.000499634
642	5.02E-03	0.000796	0.000339	8.83E-07	0.000882	0.000377	0.0007	0.000121	0.000649	0.000578468	0.000578468
643	6.03E-03	0.001019	0.000434	9.24E-07	0.001032	0.000442	0.000831	0.000144	0.000768	0.000677886	0.000677886
644	7.37E-03	0.001338	0.000571	9.63E-07	0.001225	0.000526	0.001003	0.000174	0.000918	0.000805529	0.000805529
645	2.75E-02	0.000535	0.000228	9.01E-07	0.00565	0.002441	0.006858	0.001191	0.003147	0.003735431	0.003735431
646	2.17E-02	0.000472	0.000201	8.65E-07	0.004473	0.001932	0.005249	0.000911	0.002509	0.002956279	0.002956279
647	1.74E-02	0.000419	0.000178	8.28E-07	0.003613	0.00156	0.004111	0.000714	0.002041	0.002387114	0.002387114
648	1.43E-02	0.000373	0.000159	7.91E-07	0.002986	0.001289	0.003305	0.000574	0.001697	0.001972327	0.001972327
649	1.20E-02	0.000335	0.000143	7.53E-07	0.002509	0.001082	0.002708	0.00047	0.001434	0.00165634	0.00165634
650	1.02E-02	0.000301	0.000128	7.17E-07	0.002133	0.00092	0.002252	0.000391	0.001225	0.001407911	0.001407911
651	3.49E-03	0.000476	0.000203	7.36E-07	0.000641	0.000274	0.000509	8.79E-05	0.000457	0.000420001	0.000420001
652	4.04E-03	0.000575	0.000245	7.74E-07	0.000731	0.000313	0.000587	0.000101	0.000526	0.000479373	0.000479373
653	4.72E-03	0.000704	0.0003	8.11E-07	0.000841	0.00036	0.000684	0.000118	0.00061	0.000552254	0.000552254
654	5.59E-03	0.000874	0.000373	8.46E-07	0.000979	0.00042	0.000808	0.00014	0.000713	0.000643137	0.000643137
655	6.71E-03	0.001099	0.000469	8.8E-07	0.001152	0.000494	0.000969	0.000168	0.00084	0.000757447	0.000757447
656	8.13E-03	0.001392	0.000594	9.11E-07	0.001371	0.000589	0.00118	0.000204	0.000996	0.000902382	0.000902382
657	9.99E-03	0.00175	0.000746	9.39E-07	0.001664	0.000716	0.001475	0.000256	0.001195	0.001096118	0.001096118
658	1.24E-02	0.002115	0.000902	9.63E-07	0.00207	0.000891	0.001907	0.000331	0.001452	0.001364811	0.001364811
659	1.54E-02	0.002376	0.001014	9.82E-07	0.002624	0.001131	0.002539	0.00044	0.001782	0.00173115	0.00173115
660	1.92E-02	0.002455	0.001048	9.96E-07	0.003411	0.001472	0.003518	0.00061	0.002221	0.002252464	0.002252464

Franklin School Project

Mitigated Residential - Residential Construction Health Impact Assessment

547	Receptor
0.05	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
661	2.40E-02	0.002335	0.000996	1E-06	0.004408	0.001903	0.004894	0.00085	0.002752	0.002912099	0.002912099
662	2.94E-02	0.00205	0.000875	1.01E-06	0.005542	0.002393	0.006703	0.001164	0.003334	0.003662804	0.003662804
663	3.45E-02	0.001715	0.000732	1E-06	0.006544	0.002827	0.008687	0.001509	0.003832	0.004326412	0.004326412
664	3.86E-02	0.001427	0.000609	9.98E-07	0.007307	0.003157	0.010438	0.001813	0.004199	0.004831722	0.004831722
665	4.09E-02	0.00119	0.000508	9.87E-07	0.007742	0.003345	0.011497	0.001997	0.004391	0.0051193	0.0051193
666	4.14E-02	0.001002	0.000427	9.71E-07	0.007872	0.003402	0.011805	0.00205	0.004424	0.005205755	0.005205755
667	4.01E-02	0.000854	0.000364	9.51E-07	0.007706	0.00333	0.011385	0.001978	0.004305	0.005095692	0.005095692
668	3.72E-02	0.000736	0.000314	9.29E-07	0.007253	0.003134	0.010303	0.001789	0.004039	0.004796385	0.004796385
669	3.24E-02	0.00064	0.000273	9.03E-07	0.006457	0.00279	0.008648	0.001502	0.003596	0.004269406	0.004269406
670	2.69E-02	0.000559	0.000238	8.74E-07	0.005444	0.002352	0.006892	0.001197	0.003042	0.003598872	0.003598872
671	2.20E-02	0.000492	0.00021	8.43E-07	0.004486	0.001937	0.005435	0.000944	0.00252	0.002964851	0.002964851
672	1.81E-02	0.000438	0.000186	8.12E-07	0.003725	0.001608	0.004359	0.000757	0.002104	0.002461417	0.002461417
673	1.50E-02	0.00039	0.000166	7.8E-07	0.003112	0.001343	0.003531	0.000613	0.001767	0.002055537	0.002055537
674	1.27E-02	0.00035	0.000149	7.47E-07	0.002633	0.001136	0.002907	0.000505	0.001503	0.001738661	0.001738661
675	1.08E-02	0.000315	0.000134	7.15E-07	0.00225	0.00097	0.002424	0.000421	0.00129	0.001485134	0.001485134
676	9.28E-03	0.000285	0.000121	6.82E-07	0.001944	0.000838	0.002049	0.000356	0.00112	0.00128317	0.00128317
677	3.28E-03	0.000429	0.000183	6.81E-07	0.000608	0.00026	0.000491	8.49E-05	0.000429	0.00039885	0.00039885
678	3.76E-03	0.000508	0.000217	7.15E-07	0.000689	0.000295	0.000562	9.72E-05	0.000488	0.000451698	0.000451698
679	4.36E-03	0.000611	0.000261	7.47E-07	0.000789	0.000338	0.000653	0.000113	0.000563	0.000518036	0.000518036
680	5.09E-03	0.000736	0.000314	7.79E-07	0.000908	0.000389	0.000763	0.000132	0.000649	0.000596401	0.000596401
681	6.02E-03	0.000896	0.000382	8.08E-07	0.001062	0.000456	0.000911	0.000158	0.000758	0.000698327	0.000698327
682	7.16E-03	0.001085	0.000463	8.36E-07	0.00125	0.000537	0.001098	0.00019	0.000887	0.000822847	0.000822847
683	8.56E-03	0.001293	0.000552	8.6E-07	0.001488	0.00064	0.001345	0.000233	0.001043	0.00098002	0.00098002
684	1.04E-02	0.001496	0.000638	8.81E-07	0.001814	0.000781	0.001705	0.000296	0.001243	0.001196078	0.001196078
685	1.26E-02	0.001641	0.0007	8.98E-07	0.002234	0.000963	0.002204	0.000382	0.001489	0.001473953	0.001473953
686	1.51E-02	0.001696	0.000723	9.12E-07	0.002753	0.001187	0.002868	0.000498	0.00178	0.001816904	0.001816904
687	1.83E-02	0.001645	0.000702	9.2E-07	0.003397	0.001466	0.003784	0.000657	0.002126	0.002243216	0.002243216
688	2.16E-02	0.001507	0.000643	9.24E-07	0.004082	0.001762	0.004877	0.000847	0.00248	0.002697098	0.002697098
689	2.46E-02	0.001329	0.000567	9.23E-07	0.004682	0.002022	0.005969	0.001036	0.00278	0.003094065	0.003094065
690	2.70E-02	0.001157	0.000494	9.19E-07	0.005163	0.00223	0.006937	0.001205	0.003013	0.003412681	0.003412681
691	2.84E-02	0.001002	0.000427	9.11E-07	0.005449	0.002354	0.00756	0.001313	0.00314	0.003602284	0.003602284
692	2.89E-02	0.000865	0.000369	8.98E-07	0.005559	0.002401	0.007796	0.001354	0.003172	0.003674802	0.003674802
693	2.82E-02	0.000752	0.000321	8.82E-07	0.005474	0.002364	0.007604	0.001321	0.003103	0.003618593	0.003618593
694	2.65E-02	0.000657	0.00028	8.63E-07	0.005204	0.002248	0.007037	0.001222	0.002939	0.003439798	0.003439798
695	2.39E-02	0.000578	0.000246	8.41E-07	0.004759	0.002055	0.006187	0.001074	0.002684	0.003145382	0.003145382
696	2.08E-02	0.000509	0.000217	8.16E-07	0.004194	0.001811	0.005228	0.000908	0.002369	0.002771504	0.002771504
697	1.77E-02	0.000452	0.000193	7.9E-07	0.003617	0.001562	0.004335	0.000753	0.00205	0.002389984	0.002389984
698	1.52E-02	0.000405	0.000172	7.63E-07	0.003115	0.001344	0.003612	0.000627	0.001772	0.002057625	0.002057625
699	1.30E-02	0.000363	0.000155	7.35E-07	0.002678	0.001155	0.003015	0.000523	0.00153	0.001768684	0.001768684
700	1.11E-02	0.000328	0.00014	7.07E-07	0.002315	0.000999	0.002539	0.000441	0.001328	0.001528569	0.001528569
701	9.65E-03	0.000296	0.000126	6.78E-07	0.002012	0.000867	0.002155	0.000374	0.001159	0.001327781	0.001327781
702	8.42E-03	0.000269	0.000115	6.49E-07	0.001762	0.000759	0.001848	0.000321	0.001019	0.001162705	0.001162705
703	3.09E-03	0.000386	0.000164	6.33E-07	0.000577	0.000247	0.000472	8.16E-05	0.000403	0.000378156	0.000378156
704	3.52E-03	0.000452	0.000193	6.63E-07	0.000651	0.000279	0.000539	9.32E-05	0.000457	0.000427414	0.000427414

Franklin School Project

Mitigated Residential - Residential Construction Health Impact Assessment

547	Receptor
0.05	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
705	4.03E-03	0.000531	0.000226	6.91E-07	0.000739	0.000316	0.00062	0.000107	0.000519	0.000484887	0.000484887
706	4.65E-03	0.000625	0.000267	7.19E-07	0.000844	0.000362	0.00072	0.000125	0.000594	0.000554854	0.000554854
707	5.41E-03	0.000737	0.000314	7.45E-07	0.000975	0.000419	0.000848	0.000147	0.000684	0.000641141	0.000641141
708	6.35E-03	0.000865	0.000369	7.69E-07	0.001139	0.00049	0.001015	0.000176	0.000792	0.000749857	0.000749857
709	7.47E-03	0.000997	0.000425	7.91E-07	0.001341	0.000577	0.00123	0.000213	0.00092	0.000882994	0.000882994
710	8.88E-03	0.001119	0.000477	8.09E-07	0.001604	0.000691	0.00153	0.000265	0.001079	0.00105734	0.00105734
711	1.04E-02	0.001206	0.000515	8.25E-07	0.001907	0.000822	0.001897	0.000329	0.001256	0.001257865	0.001257865
712	1.23E-02	0.001244	0.000531	8.37E-07	0.002283	0.000984	0.002388	0.000414	0.001467	0.001506355	0.001506355
713	1.43E-02	0.001226	0.000523	8.46E-07	0.002691	0.00116	0.002967	0.000515	0.001688	0.001776235	0.001776235
714	1.65E-02	0.001156	0.000493	8.5E-07	0.003138	0.001354	0.003663	0.000636	0.001921	0.002072303	0.002072303
715	1.84E-02	0.001056	0.00045	8.5E-07	0.003532	0.001525	0.004332	0.000752	0.00212	0.002333539	0.002333539
716	1.99E-02	0.00095	0.000405	8.48E-07	0.003839	0.001657	0.004898	0.00085	0.002269	0.002536743	0.002536743
717	2.09E-02	0.000845	0.00036	8.42E-07	0.004038	0.001743	0.005283	0.000917	0.002358	0.002668146	0.002668146
718	2.12E-02	0.000747	0.000318	8.32E-07	0.00413	0.001783	0.005463	0.000949	0.002388	0.002729383	0.002729383
719	2.09E-02	0.000661	0.000282	8.19E-07	0.004098	0.001769	0.005399	0.000937	0.002353	0.002708064	0.002708064
720	2.00E-02	0.000586	0.00025	8.03E-07	0.003946	0.001704	0.005109	0.000887	0.002256	0.002607943	0.002607943
721	1.84E-02	0.000521	0.000222	7.85E-07	0.003685	0.001591	0.004639	0.000805	0.002103	0.002434951	0.002434951
722	1.65E-02	0.000464	0.000198	7.63E-07	0.003339	0.001441	0.004073	0.000707	0.001905	0.002206219	0.002206219
723	1.46E-02	0.000415	0.000177	7.4E-07	0.002972	0.001283	0.003507	0.000609	0.001699	0.001963395	0.001963395
724	1.28E-02	0.000375	0.00016	7.18E-07	0.002636	0.001138	0.003021	0.000524	0.001511	0.001741225	0.001741225
725	1.12E-02	0.000339	0.000144	6.94E-07	0.002321	0.001001	0.002587	0.000449	0.001334	0.001532253	0.001532253
726	9.84E-03	0.000307	0.000131	6.69E-07	0.002042	0.000881	0.002221	0.000385	0.001178	0.001348238	0.001348238
727	8.64E-03	0.000279	0.000119	6.43E-07	0.001801	0.000776	0.001914	0.000332	0.001042	0.001188244	0.001188244
728	7.63E-03	0.000254	0.000108	6.18E-07	0.001596	0.000688	0.001663	0.000289	0.000926	0.001053262	0.001053262
729	2.91E-03	0.000349	0.000149	5.9E-07	0.000548	0.000234	0.000453	7.83E-05	0.000379	0.000359301	0.000359301
730	3.29E-03	0.000402	0.000171	6.16E-07	0.000615	0.000263	0.000514	8.89E-05	0.000427	0.000403227	0.000403227
731	3.73E-03	0.000464	0.000198	6.41E-07	0.000692	0.000297	0.000587	0.000102	0.000481	0.000454503	0.000454503
732	4.27E-03	0.000536	0.000229	6.66E-07	0.000787	0.000338	0.000679	0.000117	0.000546	0.000517317	0.000517317
733	4.89E-03	0.000616	0.000263	6.89E-07	0.000898	0.000385	0.000789	0.000137	0.00062	0.000590304	0.000590304
734	5.66E-03	0.000704	0.0003	7.1E-07	0.001037	0.000446	0.000933	0.000162	0.00071	0.000682412	0.000682412
735	6.56E-03	0.000792	0.000338	7.3E-07	0.001205	0.000518	0.001116	0.000193	0.000814	0.0007934	0.0007934
736	7.65E-03	0.000871	0.000372	7.46E-07	0.001411	0.000607	0.001355	0.000235	0.000938	0.000929921	0.000929921
737	8.80E-03	0.000929	0.000396	7.61E-07	0.001634	0.000704	0.001627	0.000282	0.001069	0.001077557	0.001077557
738	1.02E-02	0.000957	0.000408	7.72E-07	0.001909	0.000822	0.001986	0.000345	0.001223	0.001259215	0.001259215
739	1.16E-02	0.000953	0.000407	7.8E-07	0.00219	0.000944	0.002378	0.000413	0.001376	0.00144527	0.00144527
740	1.30E-02	0.000917	0.000391	7.85E-07	0.002491	0.001075	0.002833	0.000492	0.001535	0.001644828	0.001644828
741	1.44E-02	0.000858	0.000366	7.86E-07	0.002767	0.001194	0.003275	0.000568	0.001675	0.001827034	0.001827034
742	1.53E-02	0.000791	0.000337	7.85E-07	0.002973	0.001283	0.003627	0.00063	0.001776	0.001963904	0.001963904
743	1.60E-02	0.000719	0.000307	7.8E-07	0.003118	0.001346	0.003883	0.000674	0.001842	0.002059644	0.002059644
744	1.63E-02	0.000648	0.000277	7.72E-07	0.003199	0.001381	0.00403	0.0007	0.001872	0.002113495	0.002113495
745	1.62E-02	0.000583	0.000249	7.62E-07	0.0032	0.001381	0.00403	0.0007	0.001859	0.002113914	0.002113914
746	1.57E-02	0.000524	0.000223	7.49E-07	0.003118	0.001346	0.003885	0.000674	0.001802	0.00205996	0.00205996
747	1.48E-02	0.000471	0.000201	7.33E-07	0.002957	0.001276	0.00361	0.000627	0.001704	0.001953396	0.001953396
748	1.35E-02	0.000423	0.00018	7.15E-07	0.002729	0.001178	0.003251	0.000564	0.001572	0.001802514	0.001802514

Franklin School Project

Mitigated Residential - Residential Construction Health Impact Assessment

547	Receptor
0.05	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
749	1.22E-02	0.000381	0.000162	6.95E-07	0.002484	0.001072	0.00288	0.0005	0.001431	0.001640245	0.001640245
750	1.09E-02	0.000346	0.000147	6.75E-07	0.002244	0.000968	0.002535	0.00044	0.001295	0.001481883	0.001481883
751	9.76E-03	0.000314	0.000134	6.54E-07	0.002014	0.000868	0.002219	0.000385	0.001164	0.001329419	0.001329419
752	8.69E-03	0.000287	0.000122	6.32E-07	0.001803	0.000777	0.001942	0.000337	0.001045	0.001189923	0.001189923
753	7.75E-03	0.000262	0.000112	6.1E-07	0.001614	0.000696	0.001702	0.000295	0.000938	0.001064828	0.001064828
754	6.93E-03	0.00024	0.000102	5.87E-07	0.001448	0.000624	0.001498	0.00026	0.000844	0.00095528	0.00095528
755	2.73E-03	0.000315	0.000134	5.51E-07	0.000518	0.000222	0.000432	7.47E-05	0.000356	0.000339889	0.000339889
756	3.06E-03	0.000357	0.000152	5.74E-07	0.000576	0.000247	0.000486	8.41E-05	0.000396	0.000378093	0.000378093
757	3.44E-03	0.000406	0.000173	5.97E-07	0.000645	0.000277	0.000552	9.55E-05	0.000444	0.000423682	0.000423682
758	3.89E-03	0.000461	0.000196	6.18E-07	0.000727	0.000312	0.000631	0.000109	0.000499	0.000477417	0.000477417
759	4.44E-03	0.000522	0.000222	6.39E-07	0.000827	0.000355	0.000732	0.000127	0.000564	0.000543581	0.000543581
760	5.06E-03	0.000584	0.000249	6.58E-07	0.000942	0.000405	0.000853	0.000148	0.000637	0.000619799	0.000619799
761	5.78E-03	0.000646	0.000275	6.75E-07	0.001079	0.000464	0.001004	0.000174	0.000722	0.000710324	0.000710324
762	6.63E-03	0.0007	0.000299	6.91E-07	0.001241	0.000534	0.001192	0.000207	0.000818	0.000817605	0.000817605
763	7.52E-03	0.000741	0.000316	7.04E-07	0.001417	0.00061	0.001407	0.000244	0.000921	0.000933964	0.000933964
764	8.51E-03	0.000763	0.000325	7.14E-07	0.001615	0.000695	0.001662	0.000288	0.001033	0.00106476	0.00106476
765	9.52E-03	0.000765	0.000326	7.22E-07	0.001819	0.000784	0.00194	0.000337	0.001145	0.001199727	0.001199727
766	1.05E-02	0.000746	0.000318	7.27E-07	0.00203	0.000875	0.002248	0.00039	0.001257	0.001339663	0.001339663
767	1.15E-02	0.000711	0.000303	7.28E-07	0.002229	0.000961	0.002554	0.000443	0.00136	0.001471579	0.001471579
768	1.22E-02	0.000667	0.000284	7.28E-07	0.00238	0.001027	0.002795	0.000485	0.001434	0.001571383	0.001571383
769	1.27E-02	0.000619	0.000264	7.25E-07	0.002493	0.001075	0.002978	0.000517	0.001487	0.001646065	0.001646065
770	1.30E-02	0.000567	0.000242	7.19E-07	0.002566	0.001107	0.003103	0.000539	0.001516	0.001694491	0.001694491
771	1.31E-02	0.000517	0.00022	7.1E-07	0.002586	0.001116	0.003136	0.000544	0.001516	0.001707795	0.001707795
772	1.28E-02	0.00047	0.0002	6.99E-07	0.002545	0.001098	0.003068	0.000533	0.001484	0.001680794	0.001680794
773	1.22E-02	0.000427	0.000182	6.86E-07	0.002443	0.001054	0.002902	0.000504	0.00142	0.001613064	0.001613064
774	1.12E-02	0.000386	0.000165	6.7E-07	0.002276	0.000982	0.002648	0.00046	0.001321	0.001502777	0.001502777
775	1.03E-02	0.000351	0.00015	6.53E-07	0.002107	0.000909	0.002399	0.000416	0.001223	0.001391115	0.001391115
776	9.44E-03	0.00032	0.000137	6.36E-07	0.001936	0.000835	0.002157	0.000374	0.001125	0.001278202	0.001278202
777	8.56E-03	0.000293	0.000125	6.17E-07	0.001765	0.000761	0.001924	0.000334	0.001027	0.001165174	0.001165174
778	7.74E-03	0.000269	0.000114	5.98E-07	0.001603	0.000691	0.001711	0.000297	0.000934	0.001057953	0.001057953
779	6.98E-03	0.000247	0.000105	5.79E-07	0.001453	0.000626	0.001521	0.000264	0.000848	0.000958821	0.000958821
780	6.31E-03	0.000227	9.66E-05	5.59E-07	0.001318	0.000568	0.001354	0.000235	0.00077	0.00086902	0.00086902
781	2.56E-03	0.000285	0.000121	5.16E-07	0.00049	0.00021	0.000411	7.11E-05	0.000334	0.000321145	0.000321145
782	2.85E-03	0.000319	0.000136	5.37E-07	0.000542	0.000232	0.00046	7.96E-05	0.00037	0.000355509	0.000355509
783	3.18E-03	0.000358	0.000153	5.57E-07	0.000602	0.000258	0.000518	8.97E-05	0.000411	0.000395586	0.000395586
784	3.57E-03	0.000401	0.000171	5.76E-07	0.000674	0.000289	0.000589	0.000102	0.000458	0.000442943	0.000442943
785	4.03E-03	0.000447	0.00019	5.94E-07	0.000761	0.000326	0.000677	0.000117	0.000514	0.00050009	0.00050009
786	4.55E-03	0.000493	0.00021	6.12E-07	0.000858	0.000368	0.00078	0.000135	0.000575	0.000564229	0.000564229
787	5.14E-03	0.000538	0.000229	6.27E-07	0.00097	0.000417	0.000904	0.000157	0.000643	0.00063851	0.00063851
788	5.81E-03	0.000577	0.000246	6.41E-07	0.001101	0.000473	0.001056	0.000183	0.000721	0.000724871	0.000724871
789	6.49E-03	0.000607	0.000259	6.53E-07	0.001236	0.000532	0.00122	0.000211	0.0008	0.000814514	0.000814514
790	7.23E-03	0.000625	0.000267	6.62E-07	0.001383	0.000595	0.001406	0.000244	0.000884	0.000911452	0.000911452
791	7.99E-03	0.000629	0.000268	6.7E-07	0.001537	0.000662	0.001612	0.00028	0.000969	0.001013916	0.001013916
792	8.75E-03	0.00062	0.000264	6.74E-07	0.001694	0.00073	0.001833	0.000318	0.001053	0.001117782	0.001117782

Franklin School Project

Mitigated Residential - Residential Construction Health Impact Assessment

547	Receptor
0.05	**Max**

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
793	9.45E-03	0.000598	0.000255	6.77E-07	0.001841	0.000794	0.00205	0.000356	0.001129	0.001214778	0.001214778
794	9.98E-03	0.00057	0.000243	6.77E-07	0.001954	0.000842	0.002218	0.000385	0.001186	0.001289428	0.001289428
795	1.04E-02	0.000536	0.000229	6.75E-07	0.002048	0.000883	0.002364	0.00041	0.001231	0.001352096	0.001352096
796	1.07E-02	0.000498	0.000212	6.7E-07	0.002111	0.000911	0.002466	0.000428	0.001257	0.001393808	0.001393808
797	1.07E-02	0.000461	0.000196	6.63E-07	0.002138	0.000922	0.002509	0.000435	0.001264	0.001411584	0.001411584
798	1.06E-02	0.000423	0.00018	6.54E-07	0.002117	0.000913	0.002477	0.00043	0.001245	0.001397848	0.001397848
799	1.02E-02	0.000388	0.000165	6.43E-07	0.002048	0.000883	0.002372	0.000412	0.0012	0.001352365	0.001352365
800	9.51E-03	0.000354	0.000151	6.29E-07	0.001928	0.000831	0.002194	0.000381	0.001128	0.001272759	0.001272759
801	8.87E-03	0.000324	0.000138	6.15E-07	0.001809	0.00078	0.002023	0.000351	0.001057	0.001193898	0.001193898
802	8.23E-03	0.000298	0.000127	6E-07	0.001688	0.000728	0.001854	0.000322	0.000986	0.001114132	0.001114132
803	7.57E-03	0.000274	0.000117	5.84E-07	0.001561	0.000673	0.001682	0.000292	0.000912	0.001029742	0.001029742
804	6.93E-03	0.000252	0.000108	5.67E-07	0.001435	0.000618	0.001518	0.000263	0.00084	0.000946655	0.000946655
805	6.32E-03	0.000233	9.91E-05	5.5E-07	0.001314	0.000566	0.001365	0.000237	0.00077	0.000866731	0.000866731
806	5.76E-03	0.000215	9.15E-05	5.32E-07	0.001202	0.000518	0.001227	0.000213	0.000705	0.000792499	0.000792499

Risk From Modernization Const - Mitigated Residential

Franklin School Project
Risk From Modernization Const - Mitigated Residential

	1.35	Max							
							Onsite		
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
1	0.01	9.0E-09	2.3E-01	3.5E-04	1.0E-03	8.4E-08	1.6E-01	6.7E-01	8.8E-09
2	0.01	9.9E-09	2.5E-01	3.5E-04	1.0E-03	9.2E-08	1.6E-01	6.7E-01	9.7E-09
3	0.01	1.1E-08	2.7E-01	3.5E-04	1.0E-03	1.0E-07	1.6E-01	6.7E-01	1.1E-08
4	0.01	1.2E-08	3.0E-01	3.5E-04	1.0E-03	1.1E-07	1.6E-01	6.7E-01	1.2E-08
5	0.01	1.3E-08	3.2E-01	3.5E-04	1.0E-03	1.2E-07	1.6E-01	6.7E-01	1.2E-08
6	0.01	1.4E-08	3.5E-01	3.5E-04	1.0E-03	1.3E-07	1.6E-01	6.7E-01	1.3E-08
7	0.01	1.5E-08	3.7E-01	3.5E-04	1.0E-03	1.4E-07	1.6E-01	6.7E-01	1.4E-08
8	0.02	1.6E-08	3.9E-01	3.5E-04	1.0E-03	1.4E-07	1.6E-01	6.7E-01	1.5E-08
9	0.02	1.7E-08	4.1E-01	3.5E-04	1.0E-03	1.5E-07	1.6E-01	6.7E-01	1.6E-08
10	0.02	1.8E-08	4.4E-01	3.5E-04	1.0E-03	1.6E-07	1.6E-01	6.7E-01	1.7E-08
11	0.02	1.9E-08	4.7E-01	3.5E-04	1.0E-03	1.7E-07	1.6E-01	6.7E-01	1.8E-08
12	0.02	2.0E-08	5.0E-01	3.5E-04	1.0E-03	1.8E-07	1.6E-01	6.7E-01	1.9E-08
13	0.02	2.1E-08	5.2E-01	3.5E-04	1.0E-03	1.9E-07	1.6E-01	6.7E-01	2.0E-08
14	0.02	2.1E-08	5.4E-01	3.5E-04	1.0E-03	2.0E-07	1.6E-01	6.7E-01	2.1E-08
15	0.02	2.1E-08	5.4E-01	3.5E-04	1.0E-03	2.0E-07	1.6E-01	6.7E-01	2.1E-08
16	0.02	2.1E-08	5.3E-01	3.5E-04	1.0E-03	2.0E-07	1.6E-01	6.7E-01	2.1E-08
17	0.01	1.0E-08	2.6E-01	3.5E-04	1.0E-03	9.6E-08	1.6E-01	6.7E-01	1.0E-08
18	0.01	1.2E-08	2.9E-01	3.5E-04	1.0E-03	1.1E-07	1.6E-01	6.7E-01	1.1E-08
19	0.01	1.3E-08	3.2E-01	3.5E-04	1.0E-03	1.2E-07	1.6E-01	6.7E-01	1.3E-08
20	0.01	1.4E-08	3.6E-01	3.5E-04	1.0E-03	1.3E-07	1.6E-01	6.7E-01	1.4E-08
21	0.02	1.6E-08	3.9E-01	3.5E-04	1.0E-03	1.4E-07	1.6E-01	6.7E-01	1.5E-08
22	0.02	1.7E-08	4.3E-01	3.5E-04	1.0E-03	1.6E-07	1.6E-01	6.7E-01	1.6E-08
23	0.02	1.9E-08	4.6E-01	3.5E-04	1.0E-03	1.7E-07	1.6E-01	6.7E-01	1.8E-08
24	0.02	2.0E-08	4.9E-01	3.5E-04	1.0E-03	1.8E-07	1.6E-01	6.7E-01	1.9E-08
25	0.02	2.1E-08	5.3E-01	3.5E-04	1.0E-03	1.9E-07	1.6E-01	6.7E-01	2.0E-08
26	0.02	2.3E-08	5.7E-01	3.5E-04	1.0E-03	2.1E-07	1.6E-01	6.7E-01	2.2E-08
27	0.02	2.4E-08	6.1E-01	3.5E-04	1.0E-03	2.2E-07	1.6E-01	6.7E-01	2.4E-08
28	0.03	2.5E-08	6.5E-01	3.5E-04	1.0E-03	2.4E-07	1.6E-01	6.7E-01	2.5E-08
29	0.03	2.6E-08	6.7E-01	3.5E-04	1.0E-03	2.5E-07	1.6E-01	6.7E-01	2.6E-08
30	0.03	2.7E-08	6.8E-01	3.5E-04	1.0E-03	2.5E-07	1.6E-01	6.7E-01	2.6E-08
31	0.03	2.6E-08	6.7E-01	3.5E-04	1.0E-03	2.5E-07	1.6E-01	6.7E-01	2.6E-08
32	0.03	2.5E-08	6.5E-01	3.5E-04	1.0E-03	2.4E-07	1.6E-01	6.7E-01	2.5E-08
33	0.01	1.2E-08	3.0E-01	3.5E-04	1.0E-03	1.1E-07	1.6E-01	6.7E-01	1.2E-08
34	0.01	1.4E-08	3.4E-01	3.5E-04	1.0E-03	1.3E-07	1.6E-01	6.7E-01	1.3E-08
35	0.02	1.5E-08	3.9E-01	3.5E-04	1.0E-03	1.4E-07	1.6E-01	6.7E-01	1.5E-08
36	0.02	1.7E-08	4.4E-01	3.5E-04	1.0E-03	1.6E-07	1.6E-01	6.7E-01	1.7E-08
37	0.02	2.0E-08	4.9E-01	3.5E-04	1.0E-03	1.8E-07	1.6E-01	6.7E-01	1.9E-08
38	0.02	2.2E-08	5.4E-01	3.5E-04	1.0E-03	2.0E-07	1.6E-01	6.7E-01	2.1E-08
39	0.03	2.6E-08	5.9E-01	3.5E-04	1.0E-03	2.2E-07	1.6E-01	6.7E-01	2.3E-08
40	0.03	2.7E-08	6.4E-01	3.5E-04	1.0E-03	2.3E-07	1.6E-01	6.7E-01	2.5E-08
41	0.03	2.8E-08	6.9E-01	3.5E-04	1.0E-03	2.5E-07	1.6E-01	6.7E-01	2.7E-08
42	0.03	3.0E-08	7.6E-01	3.5E-04	1.0E-03	2.8E-07	1.6E-01	6.7E-01	2.9E-08
43	0.03	3.2E-08	8.2E-01	3.5E-04	1.0E-03	3.0E-07	1.6E-01	6.7E-01	3.2E-08

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	1.35	Max							
						Onsite			
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
44	0.03	3.4E-08	8.6E-01	3.5E-04	1.0E-03	3.2E-07	1.6E-01	6.7E-01	3.3E-08
45	0.03	3.4E-08	8.8E-01	3.5E-04	1.0E-03	3.2E-07	1.6E-01	6.7E-01	3.4E-08
46	0.03	3.4E-08	8.6E-01	3.5E-04	1.0E-03	3.2E-07	1.6E-01	6.7E-01	3.3E-08
47	0.03	3.2E-08	8.3E-01	3.5E-04	1.0E-03	3.0E-07	1.6E-01	6.7E-01	3.2E-08
48	0.03	3.0E-08	7.8E-01	3.5E-04	1.0E-03	2.9E-07	1.6E-01	6.7E-01	3.0E-08
49	0.01	1.4E-08	3.4E-01	3.5E-04	1.0E-03	1.3E-07	1.6E-01	6.7E-01	1.3E-08
50	0.02	1.6E-08	4.0E-01	3.5E-04	1.0E-03	1.5E-07	1.6E-01	6.7E-01	1.5E-08
51	0.02	1.8E-08	4.7E-01	3.5E-04	1.0E-03	1.7E-07	1.6E-01	6.7E-01	1.8E-08
52	0.02	2.2E-08	5.4E-01	3.5E-04	1.0E-03	2.0E-07	1.6E-01	6.7E-01	2.1E-08
53	0.03	2.5E-08	6.2E-01	3.5E-04	1.0E-03	2.3E-07	1.6E-01	6.7E-01	2.4E-08
54	0.03	3.0E-08	7.1E-01	3.5E-04	1.0E-03	2.6E-07	1.6E-01	6.7E-01	2.7E-08
55	0.03	3.3E-08	7.8E-01	3.5E-04	1.0E-03	2.9E-07	1.6E-01	6.7E-01	3.0E-08
56	0.04	3.7E-08	8.6E-01	3.5E-04	1.0E-03	3.2E-07	1.6E-01	6.7E-01	3.3E-08
57	0.04	3.9E-08	9.6E-01	3.5E-04	1.0E-03	3.5E-07	1.6E-01	6.7E-01	3.7E-08
58	0.04	4.2E-08	1.1E+00	3.5E-04	1.0E-03	3.9E-07	1.6E-01	6.7E-01	4.1E-08
59	0.05	4.5E-08	1.1E+00	3.5E-04	1.0E-03	4.2E-07	1.6E-01	6.7E-01	4.4E-08
60	0.05	4.6E-08	1.2E+00	3.5E-04	1.0E-03	4.3E-07	1.6E-01	6.7E-01	4.5E-08
61	0.05	4.5E-08	1.2E+00	3.5E-04	1.0E-03	4.2E-07	1.6E-01	6.7E-01	4.5E-08
62	0.04	4.3E-08	1.1E+00	3.5E-04	1.0E-03	4.0E-07	1.6E-01	6.7E-01	4.2E-08
63	0.04	3.9E-08	1.0E+00	3.5E-04	1.0E-03	3.7E-07	1.6E-01	6.7E-01	3.9E-08
64	0.04	3.6E-08	9.2E-01	3.5E-04	1.0E-03	3.4E-07	1.6E-01	6.7E-01	3.5E-08
65	0.02	1.6E-08	4.0E-01	3.5E-04	1.0E-03	1.5E-07	1.6E-01	6.7E-01	1.5E-08
66	0.02	1.9E-08	4.7E-01	3.5E-04	1.0E-03	1.7E-07	1.6E-01	6.7E-01	1.8E-08
67	0.02	2.3E-08	5.7E-01	3.5E-04	1.0E-03	2.1E-07	1.6E-01	6.7E-01	2.2E-08
68	0.03	2.7E-08	6.9E-01	3.5E-04	1.0E-03	2.5E-07	1.6E-01	6.7E-01	2.7E-08
69	0.03	3.3E-08	8.3E-01	3.5E-04	1.0E-03	3.0E-07	1.6E-01	6.7E-01	3.2E-08
70	0.04	4.1E-08	9.7E-01	3.5E-04	1.0E-03	3.6E-07	1.6E-01	6.7E-01	3.7E-08
71	0.05	4.8E-08	1.1E+00	3.5E-04	1.0E-03	4.1E-07	1.6E-01	6.7E-01	4.3E-08
72	0.05	5.3E-08	1.3E+00	3.5E-04	1.0E-03	4.6E-07	1.6E-01	6.7E-01	4.8E-08
73	0.06	5.8E-08	1.4E+00	3.5E-04	1.0E-03	5.3E-07	1.6E-01	6.7E-01	5.5E-08
74	0.06	6.3E-08	1.6E+00	3.5E-04	1.0E-03	5.8E-07	1.6E-01	6.7E-01	6.1E-08
75	0.07	6.5E-08	1.7E+00	3.5E-04	1.0E-03	6.1E-07	1.6E-01	6.7E-01	6.4E-08
76	0.06	6.4E-08	1.6E+00	3.5E-04	1.0E-03	6.0E-07	1.6E-01	6.7E-01	6.3E-08
77	0.06	5.9E-08	1.5E+00	3.5E-04	1.0E-03	5.6E-07	1.6E-01	6.7E-01	5.9E-08
78	0.05	5.3E-08	1.4E+00	3.5E-04	1.0E-03	5.0E-07	1.6E-01	6.7E-01	5.3E-08
79	0.05	4.7E-08	1.2E+00	3.5E-04	1.0E-03	4.4E-07	1.6E-01	6.7E-01	4.7E-08
80	0.04	4.1E-08	1.1E+00	3.5E-04	1.0E-03	3.9E-07	1.6E-01	6.7E-01	4.1E-08
81	0.02	1.8E-08	4.5E-01	3.5E-04	1.0E-03	1.7E-07	1.6E-01	6.7E-01	1.7E-08
82	0.02	2.2E-08	5.6E-01	3.5E-04	1.0E-03	2.1E-07	1.6E-01	6.7E-01	2.2E-08
83	0.03	2.8E-08	7.0E-01	3.5E-04	1.0E-03	2.6E-07	1.6E-01	6.7E-01	2.7E-08
84	0.04	3.5E-08	8.9E-01	3.5E-04	1.0E-03	3.3E-07	1.6E-01	6.7E-01	3.5E-08
85	0.05	4.5E-08	1.1E+00	3.5E-04	1.0E-03	4.2E-07	1.6E-01	6.7E-01	4.4E-08
86	0.06	5.8E-08	1.4E+00	3.5E-04	1.0E-03	5.2E-07	1.6E-01	6.7E-01	5.5E-08

Franklin School Project
Risk From Modernization Const - Mitigated Residential

	1.35	Max							
						Onsite			
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
87	0.07	7.1E-08	1.7E+00	3.5E-04	1.0E-03	6.2E-07	1.6E-01	6.7E-01	6.6E-08
88	0.08	8.3E-08	2.0E+00	3.5E-04	1.0E-03	7.4E-07	1.6E-01	6.7E-01	7.7E-08
89	0.09	9.4E-08	2.3E+00	3.5E-04	1.0E-03	8.6E-07	1.6E-01	6.7E-01	9.1E-08
90	0.10	9.9E-08	2.5E+00	3.5E-04	1.0E-03	9.3E-07	1.6E-01	6.7E-01	9.7E-08
91	0.10	9.6E-08	2.5E+00	3.5E-04	1.0E-03	9.0E-07	1.6E-01	6.7E-01	9.5E-08
92	0.09	8.7E-08	2.2E+00	3.5E-04	1.0E-03	8.2E-07	1.6E-01	6.7E-01	8.6E-08
93	0.08	7.6E-08	2.0E+00	3.5E-04	1.0E-03	7.2E-07	1.6E-01	6.7E-01	7.5E-08
94	0.06	6.4E-08	1.7E+00	3.5E-04	1.0E-03	6.1E-07	1.6E-01	6.7E-01	6.4E-08
95	0.05	5.4E-08	1.4E+00	3.5E-04	1.0E-03	5.1E-07	1.6E-01	6.7E-01	5.4E-08
96	0.05	4.5E-08	1.2E+00	3.5E-04	1.0E-03	4.3E-07	1.6E-01	6.7E-01	4.5E-08
97	0.02	2.0E-08	5.1E-01	3.5E-04	1.0E-03	1.9E-07	1.6E-01	6.7E-01	2.0E-08
98	0.03	2.5E-08	6.5E-01	3.5E-04	1.0E-03	2.4E-07	1.6E-01	6.7E-01	2.5E-08
99	0.03	3.4E-08	8.6E-01	3.5E-04	1.0E-03	3.2E-07	1.6E-01	6.7E-01	3.3E-08
100	0.05	4.6E-08	1.2E+00	3.5E-04	1.0E-03	4.3E-07	1.6E-01	6.7E-01	4.5E-08
101	0.06	6.4E-08	1.6E+00	3.5E-04	1.0E-03	5.9E-07	1.6E-01	6.7E-01	6.2E-08
102	0.09	9.1E-08	2.2E+00	3.5E-04	1.0E-03	8.3E-07	1.6E-01	6.7E-01	8.7E-08
103	0.12	1.2E-07	3.0E+00	3.5E-04	1.0E-03	1.1E-06	1.6E-01	6.7E-01	1.1E-07
104	0.15	1.5E-07	3.8E+00	3.5E-04	1.0E-03	1.4E-06	1.6E-01	6.7E-01	1.5E-07
105	0.17	1.7E-07	4.4E+00	3.5E-04	1.0E-03	1.6E-06	1.6E-01	6.7E-01	1.7E-07
106	0.16	1.6E-07	4.2E+00	3.5E-04	1.0E-03	1.5E-06	1.6E-01	6.7E-01	1.6E-07
107	0.14	1.4E-07	3.6E+00	3.5E-04	1.0E-03	1.3E-06	1.6E-01	6.7E-01	1.4E-07
108	0.12	1.2E-07	3.0E+00	3.5E-04	1.0E-03	1.1E-06	1.6E-01	6.7E-01	1.1E-07
109	0.09	9.2E-08	2.4E+00	3.5E-04	1.0E-03	8.7E-07	1.6E-01	6.7E-01	9.2E-08
110	0.07	7.4E-08	1.9E+00	3.5E-04	1.0E-03	7.0E-07	1.6E-01	6.7E-01	7.3E-08
111	0.06	5.9E-08	1.5E+00	3.5E-04	1.0E-03	5.6E-07	1.6E-01	6.7E-01	5.8E-08
112	0.05	4.7E-08	1.2E+00	3.5E-04	1.0E-03	4.5E-07	1.6E-01	6.7E-01	4.7E-08
113	0.02	2.2E-08	5.6E-01	3.5E-04	1.0E-03	2.1E-07	1.6E-01	6.7E-01	2.2E-08
114	0.03	2.9E-08	7.5E-01	3.5E-04	1.0E-03	2.8E-07	1.6E-01	6.7E-01	2.9E-08
115	0.04	4.1E-08	1.0E+00	3.5E-04	1.0E-03	3.8E-07	1.6E-01	6.7E-01	4.0E-08
116	0.06	5.9E-08	1.5E+00	3.5E-04	1.0E-03	5.6E-07	1.6E-01	6.7E-01	5.9E-08
117	0.09	9.3E-08	2.4E+00	3.5E-04	1.0E-03	8.7E-07	1.6E-01	6.7E-01	9.2E-08
118	0.27	2.7E-07	6.8E+00	3.5E-04	1.0E-03	2.5E-06	1.6E-01	6.7E-01	2.6E-07
119	0.19	1.9E-07	5.0E+00	3.5E-04	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.9E-07
120	0.14	1.4E-07	3.6E+00	3.5E-04	1.0E-03	1.3E-06	1.6E-01	6.7E-01	1.4E-07
121	0.10	1.0E-07	2.7E+00	3.5E-04	1.0E-03	9.8E-07	1.6E-01	6.7E-01	1.0E-07
122	0.08	7.8E-08	2.0E+00	3.5E-04	1.0E-03	7.4E-07	1.6E-01	6.7E-01	7.8E-08
123	0.06	6.0E-08	1.5E+00	3.5E-04	1.0E-03	5.7E-07	1.6E-01	6.7E-01	6.0E-08
124	0.05	4.7E-08	1.2E+00	3.5E-04	1.0E-03	4.5E-07	1.6E-01	6.7E-01	4.7E-08
125	0.02	2.4E-08	6.1E-01	3.5E-04	1.0E-03	2.2E-07	1.6E-01	6.7E-01	2.3E-08
126	0.03	3.2E-08	8.2E-01	3.5E-04	1.0E-03	3.0E-07	1.6E-01	6.7E-01	3.2E-08
127	0.05	4.6E-08	1.2E+00	3.5E-04	1.0E-03	4.4E-07	1.6E-01	6.7E-01	4.6E-08
128	0.07	7.2E-08	1.9E+00	3.5E-04	1.0E-03	6.8E-07	1.6E-01	6.7E-01	7.2E-08
129	0.13	1.3E-07	3.2E+00	3.5E-04	1.0E-03	1.2E-06	1.6E-01	6.7E-01	1.2E-07

Franklin School Project
Risk From Modernization Const - Mitigated Residential

	1.35	Max							
						Onsite			
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
130	0.37	3.7E-07	9.6E+00	3.5E-04	1.0E-03	3.5E-06	1.6E-01	6.7E-01	3.7E-07
131	0.23	2.3E-07	5.9E+00	3.5E-04	1.0E-03	2.2E-06	1.6E-01	6.7E-01	2.3E-07
132	0.15	1.5E-07	3.9E+00	3.5E-04	1.0E-03	1.4E-06	1.6E-01	6.7E-01	1.5E-07
133	0.11	1.1E-07	2.7E+00	3.5E-04	1.0E-03	1.0E-06	1.6E-01	6.7E-01	1.1E-07
134	0.08	7.7E-08	2.0E+00	3.5E-04	1.0E-03	7.3E-07	1.6E-01	6.7E-01	7.6E-08
135	0.06	5.8E-08	1.5E+00	3.5E-04	1.0E-03	5.5E-07	1.6E-01	6.7E-01	5.7E-08
136	0.04	4.4E-08	1.1E+00	3.5E-04	1.0E-03	4.2E-07	1.6E-01	6.7E-01	4.4E-08
137	0.02	2.4E-08	6.3E-01	3.5E-04	1.0E-03	2.3E-07	1.6E-01	6.7E-01	2.4E-08
138	0.03	3.3E-08	8.6E-01	3.5E-04	1.0E-03	3.2E-07	1.6E-01	6.7E-01	3.3E-08
139	0.05	4.9E-08	1.3E+00	3.5E-04	1.0E-03	4.6E-07	1.6E-01	6.7E-01	4.9E-08
140	0.08	7.9E-08	2.0E+00	3.5E-04	1.0E-03	7.5E-07	1.6E-01	6.7E-01	7.9E-08
141	0.14	1.4E-07	3.7E+00	3.5E-04	1.0E-03	1.4E-06	1.6E-01	6.7E-01	1.4E-07
142	0.40	4.0E-07	1.0E+01	3.5E-04	1.0E-03	3.8E-06	1.6E-01	6.7E-01	4.0E-07
143	0.22	2.2E-07	5.8E+00	3.5E-04	1.0E-03	2.1E-06	1.6E-01	6.7E-01	2.2E-07
144	0.14	1.4E-07	3.6E+00	3.5E-04	1.0E-03	1.3E-06	1.6E-01	6.7E-01	1.4E-07
145	0.10	9.7E-08	2.5E+00	3.5E-04	1.0E-03	9.2E-07	1.6E-01	6.7E-01	9.7E-08
146	0.07	6.9E-08	1.8E+00	3.5E-04	1.0E-03	6.6E-07	1.6E-01	6.7E-01	6.9E-08
147	0.05	5.2E-08	1.3E+00	3.5E-04	1.0E-03	4.9E-07	1.6E-01	6.7E-01	5.2E-08
148	0.04	4.0E-08	1.0E+00	3.5E-04	1.0E-03	3.8E-07	1.6E-01	6.7E-01	4.0E-08
149	0.02	2.4E-08	6.2E-01	3.5E-04	1.0E-03	2.3E-07	1.6E-01	6.7E-01	2.4E-08
150	0.03	3.3E-08	8.4E-01	3.5E-04	1.0E-03	3.1E-07	1.6E-01	6.7E-01	3.3E-08
151	0.05	4.8E-08	1.2E+00	3.5E-04	1.0E-03	4.5E-07	1.6E-01	6.7E-01	4.8E-08
152	0.08	7.6E-08	2.0E+00	3.5E-04	1.0E-03	7.2E-07	1.6E-01	6.7E-01	7.6E-08
153	0.14	1.4E-07	3.6E+00	3.5E-04	1.0E-03	1.3E-06	1.6E-01	6.7E-01	1.4E-07
154	0.36	3.6E-07	9.4E+00	3.5E-04	1.0E-03	3.4E-06	1.6E-01	6.7E-01	3.6E-07
155	0.19	1.9E-07	4.9E+00	3.5E-04	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.9E-07
156	0.12	1.2E-07	3.0E+00	3.5E-04	1.0E-03	1.1E-06	1.6E-01	6.7E-01	1.2E-07
157	0.08	8.3E-08	2.1E+00	3.5E-04	1.0E-03	7.9E-07	1.6E-01	6.7E-01	8.2E-08
158	0.06	6.0E-08	1.5E+00	3.5E-04	1.0E-03	5.7E-07	1.6E-01	6.7E-01	5.9E-08
159	0.05	4.5E-08	1.2E+00	3.5E-04	1.0E-03	4.3E-07	1.6E-01	6.7E-01	4.5E-08
160	0.04	3.5E-08	9.1E-01	3.5E-04	1.0E-03	3.3E-07	1.6E-01	6.7E-01	3.5E-08
161	0.02	2.3E-08	5.9E-01	3.5E-04	1.0E-03	2.2E-07	1.6E-01	6.7E-01	2.3E-08
162	0.03	3.1E-08	7.9E-01	3.5E-04	1.0E-03	2.9E-07	1.6E-01	6.7E-01	3.0E-08
163	0.04	4.3E-08	1.1E+00	3.5E-04	1.0E-03	4.1E-07	1.6E-01	6.7E-01	4.3E-08
164	0.07	6.6E-08	1.7E+00	3.5E-04	1.0E-03	6.2E-07	1.6E-01	6.7E-01	6.6E-08
165	0.11	1.1E-07	3.0E+00	3.5E-04	1.0E-03	1.1E-06	1.6E-01	6.7E-01	1.1E-07
166	0.24	2.4E-07	6.1E+00	3.5E-04	1.0E-03	2.2E-06	1.6E-01	6.7E-01	2.3E-07
167	0.60	6.0E-07	1.5E+01	3.5E-04	1.0E-03	5.7E-06	1.6E-01	6.7E-01	5.9E-07
168	0.90	9.0E-07	2.3E+01	3.5E-04	1.0E-03	8.6E-06	1.6E-01	6.7E-01	9.0E-07
169	0.47	4.7E-07	1.2E+01	3.5E-04	1.0E-03	4.5E-06	1.6E-01	6.7E-01	4.7E-07
170	0.25	2.5E-07	6.4E+00	3.5E-04	1.0E-03	2.4E-06	1.6E-01	6.7E-01	2.5E-07
171	0.15	1.5E-07	3.8E+00	3.5E-04	1.0E-03	1.4E-06	1.6E-01	6.7E-01	1.5E-07
172	0.09	9.1E-08	2.3E+00	3.5E-04	1.0E-03	8.6E-07	1.6E-01	6.7E-01	9.0E-08

Franklin School Project
Risk From Modernization Const - Mitigated Residential

	1.35	Max							
						Onsite			
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
173	0.06	6.4E-08	1.7E+00	3.5E-04	1.0E-03	6.1E-07	1.6E-01	6.7E-01	6.4E-08
174	0.05	5.1E-08	1.3E+00	3.5E-04	1.0E-03	4.8E-07	1.6E-01	6.7E-01	5.0E-08
175	0.04	3.9E-08	1.0E+00	3.5E-04	1.0E-03	3.7E-07	1.6E-01	6.7E-01	3.9E-08
176	0.03	3.1E-08	7.9E-01	3.5E-04	1.0E-03	2.9E-07	1.6E-01	6.7E-01	3.1E-08
177	0.02	2.1E-08	5.4E-01	3.5E-04	1.0E-03	2.0E-07	1.6E-01	6.7E-01	2.1E-08
178	0.03	2.8E-08	7.1E-01	3.5E-04	1.0E-03	2.6E-07	1.6E-01	6.7E-01	2.7E-08
179	0.04	3.7E-08	9.6E-01	3.5E-04	1.0E-03	3.5E-07	1.6E-01	6.7E-01	3.7E-08
180	0.05	5.4E-08	1.4E+00	3.5E-04	1.0E-03	5.1E-07	1.6E-01	6.7E-01	5.4E-08
181	0.09	8.5E-08	2.2E+00	3.5E-04	1.0E-03	8.1E-07	1.6E-01	6.7E-01	8.5E-08
182	0.14	1.4E-07	3.7E+00	3.5E-04	1.0E-03	1.3E-06	1.6E-01	6.7E-01	1.4E-07
183	0.23	2.3E-07	6.0E+00	3.5E-04	1.0E-03	2.2E-06	1.6E-01	6.7E-01	2.3E-07
184	0.29	2.9E-07	7.5E+00	3.5E-04	1.0E-03	2.8E-06	1.6E-01	6.7E-01	2.9E-07
185	0.24	2.4E-07	6.3E+00	3.5E-04	1.0E-03	2.3E-06	1.6E-01	6.7E-01	2.4E-07
186	0.16	1.6E-07	4.2E+00	3.5E-04	1.0E-03	1.6E-06	1.6E-01	6.7E-01	1.6E-07
187	0.11	1.1E-07	2.9E+00	3.5E-04	1.0E-03	1.1E-06	1.6E-01	6.7E-01	1.1E-07
188	0.08	7.8E-08	2.0E+00	3.5E-04	1.0E-03	7.4E-07	1.6E-01	6.7E-01	7.7E-08
189	0.05	5.3E-08	1.4E+00	3.5E-04	1.0E-03	5.0E-07	1.6E-01	6.7E-01	5.3E-08
190	0.04	4.3E-08	1.1E+00	3.5E-04	1.0E-03	4.0E-07	1.6E-01	6.7E-01	4.2E-08
191	0.03	3.4E-08	8.7E-01	3.5E-04	1.0E-03	3.2E-07	1.6E-01	6.7E-01	3.4E-08
192	0.03	2.7E-08	7.0E-01	3.5E-04	1.0E-03	2.6E-07	1.6E-01	6.7E-01	2.7E-08
193	0.02	1.9E-08	4.9E-01	3.5E-04	1.0E-03	1.8E-07	1.6E-01	6.7E-01	1.9E-08
194	0.02	2.4E-08	6.2E-01	3.5E-04	1.0E-03	2.3E-07	1.6E-01	6.7E-01	2.4E-08
195	0.03	3.2E-08	8.2E-01	3.5E-04	1.0E-03	3.0E-07	1.6E-01	6.7E-01	3.2E-08
196	0.04	4.4E-08	1.1E+00	3.5E-04	1.0E-03	4.1E-07	1.6E-01	6.7E-01	4.3E-08
197	0.06	6.2E-08	1.6E+00	3.5E-04	1.0E-03	5.9E-07	1.6E-01	6.7E-01	6.2E-08
198	0.09	9.0E-08	2.3E+00	3.5E-04	1.0E-03	8.5E-07	1.6E-01	6.7E-01	9.0E-08
199	0.12	1.2E-07	3.2E+00	3.5E-04	1.0E-03	1.2E-06	1.6E-01	6.7E-01	1.2E-07
200	0.15	1.5E-07	3.8E+00	3.5E-04	1.0E-03	1.4E-06	1.6E-01	6.7E-01	1.5E-07
201	0.14	1.4E-07	3.6E+00	3.5E-04	1.0E-03	1.3E-06	1.6E-01	6.7E-01	1.4E-07
202	0.11	1.1E-07	2.8E+00	3.5E-04	1.0E-03	1.0E-06	1.6E-01	6.7E-01	1.1E-07
203	0.08	8.0E-08	2.1E+00	3.5E-04	1.0E-03	7.6E-07	1.6E-01	6.7E-01	7.9E-08
204	0.06	6.1E-08	1.6E+00	3.5E-04	1.0E-03	5.8E-07	1.6E-01	6.7E-01	6.0E-08
205	0.05	4.6E-08	1.2E+00	3.5E-04	1.0E-03	4.4E-07	1.6E-01	6.7E-01	4.6E-08
206	0.04	3.5E-08	9.0E-01	3.5E-04	1.0E-03	3.3E-07	1.6E-01	6.7E-01	3.5E-08
207	0.03	3.0E-08	7.7E-01	3.5E-04	1.0E-03	2.8E-07	1.6E-01	6.7E-01	3.0E-08
208	0.02	2.5E-08	6.3E-01	3.5E-04	1.0E-03	2.3E-07	1.6E-01	6.7E-01	2.4E-08
209	0.02	1.7E-08	4.4E-01	3.5E-04	1.0E-03	1.6E-07	1.6E-01	6.7E-01	1.7E-08
210	0.02	2.1E-08	5.4E-01	3.5E-04	1.0E-03	2.0E-07	1.6E-01	6.7E-01	2.1E-08
211	0.03	2.7E-08	6.9E-01	3.5E-04	1.0E-03	2.5E-07	1.6E-01	6.7E-01	2.7E-08
212	0.03	3.5E-08	9.0E-01	3.5E-04	1.0E-03	3.3E-07	1.6E-01	6.7E-01	3.5E-08
213	0.05	4.6E-08	1.2E+00	3.5E-04	1.0E-03	4.4E-07	1.6E-01	6.7E-01	4.6E-08
214	0.06	6.2E-08	1.6E+00	3.5E-04	1.0E-03	5.8E-07	1.6E-01	6.7E-01	6.1E-08
215	0.08	7.7E-08	2.0E+00	3.5E-04	1.0E-03	7.4E-07	1.6E-01	6.7E-01	7.7E-08

Franklin School Project
Risk From Modernization Const - Mitigated Residential

	1.35	Max					Onsite		
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
216	0.09	8.7E-08	2.3E+00	3.5E-04	1.0E-03	8.3E-07	1.6E-01	6.7E-01	8.7E-08
217	0.09	8.7E-08	2.3E+00	3.5E-04	1.0E-03	8.3E-07	1.6E-01	6.7E-01	8.7E-08
218	0.08	7.7E-08	2.0E+00	3.5E-04	1.0E-03	7.3E-07	1.6E-01	6.7E-01	7.7E-08
219	0.06	6.5E-08	1.7E+00	3.5E-04	1.0E-03	6.1E-07	1.6E-01	6.7E-01	6.4E-08
220	0.05	5.3E-08	1.4E+00	3.5E-04	1.0E-03	5.0E-07	1.6E-01	6.7E-01	5.2E-08
221	0.04	4.2E-08	1.1E+00	3.5E-04	1.0E-03	4.0E-07	1.6E-01	6.7E-01	4.2E-08
222	0.03	3.1E-08	8.0E-01	3.5E-04	1.0E-03	2.9E-07	1.6E-01	6.7E-01	3.1E-08
223	0.03	2.5E-08	6.5E-01	3.5E-04	1.0E-03	2.4E-07	1.6E-01	6.7E-01	2.5E-08
224	0.02	2.2E-08	5.7E-01	3.5E-04	1.0E-03	2.1E-07	1.6E-01	6.7E-01	2.2E-08
225	0.02	1.5E-08	3.9E-01	3.5E-04	1.0E-03	1.4E-07	1.6E-01	6.7E-01	1.5E-08
226	0.02	1.8E-08	4.7E-01	3.5E-04	1.0E-03	1.7E-07	1.6E-01	6.7E-01	1.8E-08
227	0.02	2.2E-08	5.8E-01	3.5E-04	1.0E-03	2.1E-07	1.6E-01	6.7E-01	2.2E-08
228	0.03	2.8E-08	7.3E-01	3.5E-04	1.0E-03	2.7E-07	1.6E-01	6.7E-01	2.8E-08
229	0.04	3.6E-08	9.2E-01	3.5E-04	1.0E-03	3.4E-07	1.6E-01	6.7E-01	3.6E-08
230	0.04	4.5E-08	1.2E+00	3.5E-04	1.0E-03	4.2E-07	1.6E-01	6.7E-01	4.4E-08
231	0.05	5.3E-08	1.4E+00	3.5E-04	1.0E-03	5.1E-07	1.6E-01	6.7E-01	5.3E-08
232	0.06	5.9E-08	1.5E+00	3.5E-04	1.0E-03	5.6E-07	1.6E-01	6.7E-01	5.9E-08
233	0.06	6.1E-08	1.6E+00	3.5E-04	1.0E-03	5.8E-07	1.6E-01	6.7E-01	6.1E-08
234	0.06	5.7E-08	1.5E+00	3.5E-04	1.0E-03	5.4E-07	1.6E-01	6.7E-01	5.7E-08
235	0.05	5.0E-08	1.3E+00	3.5E-04	1.0E-03	4.8E-07	1.6E-01	6.7E-01	5.0E-08
236	0.04	4.3E-08	1.1E+00	3.5E-04	1.0E-03	4.1E-07	1.6E-01	6.7E-01	4.3E-08
237	0.04	3.6E-08	9.2E-01	3.5E-04	1.0E-03	3.4E-07	1.6E-01	6.7E-01	3.6E-08
238	0.03	2.9E-08	7.6E-01	3.5E-04	1.0E-03	2.8E-07	1.6E-01	6.7E-01	2.9E-08
239	0.02	2.3E-08	5.8E-01	3.5E-04	1.0E-03	2.1E-07	1.6E-01	6.7E-01	2.2E-08
240	0.02	1.9E-08	4.9E-01	3.5E-04	1.0E-03	1.8E-07	1.6E-01	6.7E-01	1.9E-08
241	0.01	1.3E-08	3.4E-01	3.5E-04	1.0E-03	1.2E-07	1.6E-01	6.7E-01	1.3E-08
242	0.02	1.6E-08	4.0E-01	3.5E-04	1.0E-03	1.5E-07	1.6E-01	6.7E-01	1.6E-08
243	0.02	1.9E-08	4.9E-01	3.5E-04	1.0E-03	1.8E-07	1.6E-01	6.7E-01	1.9E-08
244	0.02	2.3E-08	5.9E-01	3.5E-04	1.0E-03	2.2E-07	1.6E-01	6.7E-01	2.3E-08
245	0.03	2.8E-08	7.2E-01	3.5E-04	1.0E-03	2.7E-07	1.6E-01	6.7E-01	2.8E-08
246	0.03	3.4E-08	8.7E-01	3.5E-04	1.0E-03	3.2E-07	1.6E-01	6.7E-01	3.4E-08
247	0.04	3.9E-08	1.0E+00	3.5E-04	1.0E-03	3.7E-07	1.6E-01	6.7E-01	3.9E-08
248	0.04	4.3E-08	1.1E+00	3.5E-04	1.0E-03	4.1E-07	1.6E-01	6.7E-01	4.3E-08
249	0.04	4.4E-08	1.1E+00	3.5E-04	1.0E-03	4.2E-07	1.6E-01	6.7E-01	4.4E-08
250	0.04	4.3E-08	1.1E+00	3.5E-04	1.0E-03	4.1E-07	1.6E-01	6.7E-01	4.3E-08
251	0.04	3.9E-08	1.0E+00	3.5E-04	1.0E-03	3.7E-07	1.6E-01	6.7E-01	3.9E-08
252	0.04	3.5E-08	9.0E-01	3.5E-04	1.0E-03	3.3E-07	1.6E-01	6.7E-01	3.5E-08
253	0.03	3.0E-08	7.8E-01	3.5E-04	1.0E-03	2.9E-07	1.6E-01	6.7E-01	3.0E-08
254	0.03	2.6E-08	6.7E-01	3.5E-04	1.0E-03	2.5E-07	1.6E-01	6.7E-01	2.6E-08
255	0.02	2.2E-08	5.6E-01	3.5E-04	1.0E-03	2.0E-07	1.6E-01	6.7E-01	2.1E-08
256	0.02	1.7E-08	4.4E-01	3.5E-04	1.0E-03	1.6E-07	1.6E-01	6.7E-01	1.7E-08
257	0.01	1.2E-08	3.0E-01	3.5E-04	1.0E-03	1.1E-07	1.6E-01	6.7E-01	1.2E-08
258	0.01	1.4E-08	3.5E-01	3.5E-04	1.0E-03	1.3E-07	1.6E-01	6.7E-01	1.4E-08

Franklin School Project
Risk From Modernization Const - Mitigated Residential

	1.35	Max							
						Onsite			
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
259	0.02	1.6E-08	4.1E-01	3.5E-04	1.0E-03	1.5E-07	1.6E-01	6.7E-01	1.6E-08
260	0.02	1.9E-08	4.9E-01	3.5E-04	1.0E-03	1.8E-07	1.6E-01	6.7E-01	1.9E-08
261	0.02	2.3E-08	5.8E-01	3.5E-04	1.0E-03	2.2E-07	1.6E-01	6.7E-01	2.3E-08
262	0.03	2.6E-08	6.8E-01	3.5E-04	1.0E-03	2.5E-07	1.6E-01	6.7E-01	2.6E-08
263	0.03	3.0E-08	7.7E-01	3.5E-04	1.0E-03	2.8E-07	1.6E-01	6.7E-01	3.0E-08
264	0.03	3.3E-08	8.4E-01	3.5E-04	1.0E-03	3.1E-07	1.6E-01	6.7E-01	3.2E-08
265	0.03	3.4E-08	8.7E-01	3.5E-04	1.0E-03	3.2E-07	1.6E-01	6.7E-01	3.4E-08
266	0.03	3.3E-08	8.6E-01	3.5E-04	1.0E-03	3.1E-07	1.6E-01	6.7E-01	3.3E-08
267	0.03	3.1E-08	8.1E-01	3.5E-04	1.0E-03	3.0E-07	1.6E-01	6.7E-01	3.1E-08
268	0.03	2.9E-08	7.4E-01	3.5E-04	1.0E-03	2.7E-07	1.6E-01	6.7E-01	2.9E-08
269	0.03	2.6E-08	6.6E-01	3.5E-04	1.0E-03	2.4E-07	1.6E-01	6.7E-01	2.6E-08
270	0.02	2.3E-08	5.8E-01	3.5E-04	1.0E-03	2.1E-07	1.6E-01	6.7E-01	2.3E-08
271	0.02	1.9E-08	5.0E-01	3.5E-04	1.0E-03	1.8E-07	1.6E-01	6.7E-01	1.9E-08
272	0.02	1.6E-08	4.1E-01	3.5E-04	1.0E-03	1.5E-07	1.6E-01	6.7E-01	1.6E-08
273	0.09	9.1E-08	2.2E+00	3.5E-04	1.0E-03	8.3E-07	1.6E-01	6.7E-01	8.7E-08
274	0.10	9.8E-08	2.4E+00	3.5E-04	1.0E-03	8.7E-07	1.6E-01	6.7E-01	9.2E-08
275	0.11	1.1E-07	2.5E+00	3.5E-04	1.0E-03	9.3E-07	1.6E-01	6.7E-01	9.7E-08
276	0.11	1.1E-07	2.7E+00	3.5E-04	1.0E-03	9.8E-07	1.6E-01	6.7E-01	1.0E-07
277	0.12	1.2E-07	2.8E+00	3.5E-04	1.0E-03	1.0E-06	1.6E-01	6.7E-01	1.1E-07
278	0.12	1.2E-07	3.0E+00	3.5E-04	1.0E-03	1.1E-06	1.6E-01	6.7E-01	1.1E-07
279	0.13	1.3E-07	3.1E+00	3.5E-04	1.0E-03	1.1E-06	1.6E-01	6.7E-01	1.2E-07
280	0.14	1.4E-07	3.3E+00	3.5E-04	1.0E-03	1.2E-06	1.6E-01	6.7E-01	1.3E-07
281	0.14	1.4E-07	3.4E+00	3.5E-04	1.0E-03	1.3E-06	1.6E-01	6.7E-01	1.3E-07
282	0.15	1.5E-07	3.6E+00	3.5E-04	1.0E-03	1.3E-06	1.6E-01	6.7E-01	1.4E-07
283	0.15	1.5E-07	3.8E+00	3.5E-04	1.0E-03	1.4E-06	1.6E-01	6.7E-01	1.5E-07
284	0.16	1.6E-07	3.9E+00	3.5E-04	1.0E-03	1.4E-06	1.6E-01	6.7E-01	1.5E-07
285	0.16	1.6E-07	4.1E+00	3.5E-04	1.0E-03	1.5E-06	1.6E-01	6.7E-01	1.6E-07
286	0.17	1.7E-07	4.2E+00	3.5E-04	1.0E-03	1.5E-06	1.6E-01	6.7E-01	1.6E-07
287	0.17	1.7E-07	4.3E+00	3.5E-04	1.0E-03	1.6E-06	1.6E-01	6.7E-01	1.7E-07
288	0.17	1.7E-07	4.4E+00	3.5E-04	1.0E-03	1.6E-06	1.6E-01	6.7E-01	1.7E-07
289	0.17	1.7E-07	4.4E+00	3.5E-04	1.0E-03	1.6E-06	1.6E-01	6.7E-01	1.7E-07
290	0.17	1.7E-07	4.4E+00	3.5E-04	1.0E-03	1.6E-06	1.6E-01	6.7E-01	1.7E-07
291	0.17	1.7E-07	4.3E+00	3.5E-04	1.0E-03	1.6E-06	1.6E-01	6.7E-01	1.7E-07
292	0.17	1.7E-07	4.3E+00	3.5E-04	1.0E-03	1.6E-06	1.6E-01	6.7E-01	1.7E-07
293	0.16	1.6E-07	4.2E+00	3.5E-04	1.0E-03	1.5E-06	1.6E-01	6.7E-01	1.6E-07
294	0.16	1.6E-07	4.1E+00	3.5E-04	1.0E-03	1.5E-06	1.6E-01	6.7E-01	1.6E-07
295	0.16	1.6E-07	4.0E+00	3.5E-04	1.0E-03	1.5E-06	1.6E-01	6.7E-01	1.5E-07
296	0.15	1.5E-07	3.9E+00	3.5E-04	1.0E-03	1.4E-06	1.6E-01	6.7E-01	1.5E-07
297	0.15	1.5E-07	3.7E+00	3.5E-04	1.0E-03	1.4E-06	1.6E-01	6.7E-01	1.4E-07
298	0.14	1.4E-07	3.6E+00	3.5E-04	1.0E-03	1.3E-06	1.6E-01	6.7E-01	1.4E-07
299	0.10	1.0E-07	2.5E+00	3.5E-04	1.0E-03	9.2E-07	1.6E-01	6.7E-01	9.6E-08
300	0.11	1.1E-07	2.7E+00	3.5E-04	1.0E-03	9.8E-07	1.6E-01	6.7E-01	1.0E-07
301	0.12	1.2E-07	2.8E+00	3.5E-04	1.0E-03	1.0E-06	1.6E-01	6.7E-01	1.1E-07

Franklin School Project
Risk From Modernization Const - Mitigated Residential

	1.35	Max					Onsite		
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
302	0.13	1.3E-07	3.0E+00	3.5E-04	1.0E-03	1.1E-06	1.6E-01	6.7E-01	1.2E-07
303	0.13	1.3E-07	3.2E+00	3.5E-04	1.0E-03	1.2E-06	1.6E-01	6.7E-01	1.2E-07
304	0.14	1.4E-07	3.4E+00	3.5E-04	1.0E-03	1.2E-06	1.6E-01	6.7E-01	1.3E-07
305	0.14	1.4E-07	3.6E+00	3.5E-04	1.0E-03	1.3E-06	1.6E-01	6.7E-01	1.4E-07
306	0.15	1.5E-07	3.8E+00	3.5E-04	1.0E-03	1.4E-06	1.6E-01	6.7E-01	1.5E-07
307	0.16	1.6E-07	4.0E+00	3.5E-04	1.0E-03	1.5E-06	1.6E-01	6.7E-01	1.5E-07
308	0.17	1.7E-07	4.2E+00	3.5E-04	1.0E-03	1.5E-06	1.6E-01	6.7E-01	1.6E-07
309	0.18	1.8E-07	4.4E+00	3.5E-04	1.0E-03	1.6E-06	1.6E-01	6.7E-01	1.7E-07
310	0.19	1.9E-07	4.6E+00	3.5E-04	1.0E-03	1.7E-06	1.6E-01	6.7E-01	1.8E-07
311	0.19	1.9E-07	4.8E+00	3.5E-04	1.0E-03	1.7E-06	1.6E-01	6.7E-01	1.8E-07
312	0.19	1.9E-07	4.9E+00	3.5E-04	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.9E-07
313	0.20	2.0E-07	5.0E+00	3.5E-04	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.9E-07
314	0.20	2.0E-07	5.0E+00	3.5E-04	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.9E-07
315	0.20	2.0E-07	5.0E+00	3.5E-04	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.9E-07
316	0.19	1.9E-07	5.0E+00	3.5E-04	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.9E-07
317	0.19	1.9E-07	4.9E+00	3.5E-04	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.9E-07
318	0.19	1.9E-07	4.8E+00	3.5E-04	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.8E-07
319	0.18	1.8E-07	4.6E+00	3.5E-04	1.0E-03	1.7E-06	1.6E-01	6.7E-01	1.8E-07
320	0.18	1.8E-07	4.5E+00	3.5E-04	1.0E-03	1.7E-06	1.6E-01	6.7E-01	1.7E-07
321	0.17	1.7E-07	4.4E+00	3.5E-04	1.0E-03	1.6E-06	1.6E-01	6.7E-01	1.7E-07
322	0.16	1.6E-07	4.2E+00	3.5E-04	1.0E-03	1.5E-06	1.6E-01	6.7E-01	1.6E-07
323	0.16	1.6E-07	4.0E+00	3.5E-04	1.0E-03	1.5E-06	1.6E-01	6.7E-01	1.6E-07
324	0.15	1.5E-07	3.9E+00	3.5E-04	1.0E-03	1.4E-06	1.6E-01	6.7E-01	1.5E-07
325	0.11	1.1E-07	2.8E+00	3.5E-04	1.0E-03	1.0E-06	1.6E-01	6.7E-01	1.1E-07
326	0.12	1.2E-07	3.0E+00	3.5E-04	1.0E-03	1.1E-06	1.6E-01	6.7E-01	1.2E-07
327	0.13	1.3E-07	3.2E+00	3.5E-04	1.0E-03	1.2E-06	1.6E-01	6.7E-01	1.2E-07
328	0.14	1.4E-07	3.4E+00	3.5E-04	1.0E-03	1.3E-06	1.6E-01	6.7E-01	1.3E-07
329	0.15	1.5E-07	3.7E+00	3.5E-04	1.0E-03	1.4E-06	1.6E-01	6.7E-01	1.4E-07
330	0.16	1.6E-07	3.9E+00	3.5E-04	1.0E-03	1.4E-06	1.6E-01	6.7E-01	1.5E-07
331	0.17	1.7E-07	4.2E+00	3.5E-04	1.0E-03	1.5E-06	1.6E-01	6.7E-01	1.6E-07
332	0.17	1.7E-07	4.4E+00	3.5E-04	1.0E-03	1.6E-06	1.6E-01	6.7E-01	1.7E-07
333	0.19	1.9E-07	4.7E+00	3.5E-04	1.0E-03	1.7E-06	1.6E-01	6.7E-01	1.8E-07
334	0.20	2.0E-07	4.9E+00	3.5E-04	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.9E-07
335	0.21	2.1E-07	5.2E+00	3.5E-04	1.0E-03	1.9E-06	1.6E-01	6.7E-01	2.0E-07
336	0.21	2.1E-07	5.4E+00	3.5E-04	1.0E-03	2.0E-06	1.6E-01	6.7E-01	2.1E-07
337	0.22	2.2E-07	5.6E+00	3.5E-04	1.0E-03	2.1E-06	1.6E-01	6.7E-01	2.2E-07
338	0.23	2.3E-07	5.7E+00	3.5E-04	1.0E-03	2.1E-06	1.6E-01	6.7E-01	2.2E-07
339	0.23	2.3E-07	5.8E+00	3.5E-04	1.0E-03	2.1E-06	1.6E-01	6.7E-01	2.2E-07
340	0.23	2.3E-07	5.8E+00	3.5E-04	1.0E-03	2.1E-06	1.6E-01	6.7E-01	2.2E-07
341	0.23	2.3E-07	5.7E+00	3.5E-04	1.0E-03	2.1E-06	1.6E-01	6.7E-01	2.2E-07
342	0.22	2.2E-07	5.6E+00	3.5E-04	1.0E-03	2.1E-06	1.6E-01	6.7E-01	2.2E-07
343	0.21	2.1E-07	5.5E+00	3.5E-04	1.0E-03	2.0E-06	1.6E-01	6.7E-01	2.1E-07
344	0.21	2.1E-07	5.3E+00	3.5E-04	1.0E-03	2.0E-06	1.6E-01	6.7E-01	2.1E-07

Franklin School Project
Risk From Modernization Const - Mitigated Residential

	1.35	Max					Onsite		
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
345	0.20	2.0E-07	5.1E+00	3.5E-04	1.0E-03	1.9E-06	1.6E-01	6.7E-01	2.0E-07
346	0.19	1.9E-07	4.9E+00	3.5E-04	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.9E-07
347	0.18	1.8E-07	4.8E+00	3.5E-04	1.0E-03	1.7E-06	1.6E-01	6.7E-01	1.8E-07
348	0.18	1.8E-07	4.6E+00	3.5E-04	1.0E-03	1.7E-06	1.6E-01	6.7E-01	1.8E-07
349	0.17	1.7E-07	4.4E+00	3.5E-04	1.0E-03	1.6E-06	1.6E-01	6.7E-01	1.7E-07
350	0.16	1.6E-07	4.2E+00	3.5E-04	1.0E-03	1.5E-06	1.6E-01	6.7E-01	1.6E-07
351	0.12	1.2E-07	3.1E+00	3.5E-04	1.0E-03	1.1E-06	1.6E-01	6.7E-01	1.2E-07
352	0.14	1.4E-07	3.4E+00	3.5E-04	1.0E-03	1.2E-06	1.6E-01	6.7E-01	1.3E-07
353	0.15	1.5E-07	3.7E+00	3.5E-04	1.0E-03	1.4E-06	1.6E-01	6.7E-01	1.4E-07
354	0.16	1.6E-07	4.0E+00	3.5E-04	1.0E-03	1.5E-06	1.6E-01	6.7E-01	1.5E-07
355	0.17	1.7E-07	4.3E+00	3.5E-04	1.0E-03	1.6E-06	1.6E-01	6.7E-01	1.7E-07
356	0.18	1.8E-07	4.6E+00	3.5E-04	1.0E-03	1.7E-06	1.6E-01	6.7E-01	1.8E-07
357	0.19	1.9E-07	4.9E+00	3.5E-04	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.9E-07
358	0.21	2.1E-07	5.2E+00	3.5E-04	1.0E-03	1.9E-06	1.6E-01	6.7E-01	2.0E-07
359	0.22	2.2E-07	5.6E+00	3.5E-04	1.0E-03	2.1E-06	1.6E-01	6.7E-01	2.2E-07
360	0.24	2.4E-07	5.9E+00	3.5E-04	1.0E-03	2.2E-06	1.6E-01	6.7E-01	2.3E-07
361	0.25	2.5E-07	6.2E+00	3.5E-04	1.0E-03	2.3E-06	1.6E-01	6.7E-01	2.4E-07
362	0.26	2.6E-07	6.5E+00	3.5E-04	1.0E-03	2.4E-06	1.6E-01	6.7E-01	2.5E-07
363	0.27	2.7E-07	6.7E+00	3.5E-04	1.0E-03	2.5E-06	1.6E-01	6.7E-01	2.6E-07
364	0.27	2.7E-07	6.8E+00	3.5E-04	1.0E-03	2.5E-06	1.6E-01	6.7E-01	2.6E-07
365	0.27	2.7E-07	6.8E+00	3.5E-04	1.0E-03	2.5E-06	1.6E-01	6.7E-01	2.6E-07
366	0.26	2.6E-07	6.7E+00	3.5E-04	1.0E-03	2.5E-06	1.6E-01	6.7E-01	2.6E-07
367	0.26	2.6E-07	6.6E+00	3.5E-04	1.0E-03	2.4E-06	1.6E-01	6.7E-01	2.5E-07
368	0.25	2.5E-07	6.4E+00	3.5E-04	1.0E-03	2.4E-06	1.6E-01	6.7E-01	2.5E-07
369	0.24	2.4E-07	6.2E+00	3.5E-04	1.0E-03	2.3E-06	1.6E-01	6.7E-01	2.4E-07
370	0.23	2.3E-07	5.9E+00	3.5E-04	1.0E-03	2.2E-06	1.6E-01	6.7E-01	2.3E-07
371	0.22	2.2E-07	5.7E+00	3.5E-04	1.0E-03	2.1E-06	1.6E-01	6.7E-01	2.2E-07
372	0.21	2.1E-07	5.4E+00	3.5E-04	1.0E-03	2.0E-06	1.6E-01	6.7E-01	2.1E-07
373	0.20	2.0E-07	5.2E+00	3.5E-04	1.0E-03	1.9E-06	1.6E-01	6.7E-01	2.0E-07
374	0.19	1.9E-07	4.9E+00	3.5E-04	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.9E-07
375	0.18	1.8E-07	4.7E+00	3.5E-04	1.0E-03	1.7E-06	1.6E-01	6.7E-01	1.8E-07
376	0.17	1.7E-07	4.4E+00	3.5E-04	1.0E-03	1.6E-06	1.6E-01	6.7E-01	1.7E-07
377	0.14	1.4E-07	3.5E+00	3.5E-04	1.0E-03	1.3E-06	1.6E-01	6.7E-01	1.4E-07
378	0.15	1.5E-07	3.9E+00	3.5E-04	1.0E-03	1.4E-06	1.6E-01	6.7E-01	1.5E-07
379	0.17	1.7E-07	4.2E+00	3.5E-04	1.0E-03	1.6E-06	1.6E-01	6.7E-01	1.6E-07
380	0.18	1.8E-07	4.6E+00	3.5E-04	1.0E-03	1.7E-06	1.6E-01	6.7E-01	1.8E-07
381	0.20	2.0E-07	5.1E+00	3.5E-04	1.0E-03	1.9E-06	1.6E-01	6.7E-01	2.0E-07
382	0.29	2.9E-07	7.6E+00	3.5E-04	1.0E-03	2.8E-06	1.6E-01	6.7E-01	2.9E-07
383	0.28	2.8E-07	7.3E+00	3.5E-04	1.0E-03	2.7E-06	1.6E-01	6.7E-01	2.8E-07
384	0.27	2.7E-07	6.9E+00	3.5E-04	1.0E-03	2.5E-06	1.6E-01	6.7E-01	2.7E-07
385	0.26	2.6E-07	6.6E+00	3.5E-04	1.0E-03	2.4E-06	1.6E-01	6.7E-01	2.5E-07
386	0.24	2.4E-07	6.2E+00	3.5E-04	1.0E-03	2.3E-06	1.6E-01	6.7E-01	2.4E-07
387	0.23	2.3E-07	5.9E+00	3.5E-04	1.0E-03	2.2E-06	1.6E-01	6.7E-01	2.3E-07

Franklin School Project
Risk From Modernization Const - Mitigated Residential

	1.35	Max					Onsite		
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
388	0.22	2.2E-07	5.6E+00	3.5E-04	1.0E-03	2.1E-06	1.6E-01	6.7E-01	2.2E-07
389	0.21	2.1E-07	5.3E+00	3.5E-04	1.0E-03	1.9E-06	1.6E-01	6.7E-01	2.0E-07
390	0.19	1.9E-07	5.0E+00	3.5E-04	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.9E-07
391	0.18	1.8E-07	4.7E+00	3.5E-04	1.0E-03	1.7E-06	1.6E-01	6.7E-01	1.8E-07
392	0.16	1.6E-07	4.0E+00	3.5E-04	1.0E-03	1.5E-06	1.6E-01	6.7E-01	1.5E-07
393	0.18	1.8E-07	4.4E+00	3.5E-04	1.0E-03	1.6E-06	1.6E-01	6.7E-01	1.7E-07
394	0.20	2.0E-07	4.9E+00	3.5E-04	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.9E-07
395	0.22	2.2E-07	5.5E+00	3.5E-04	1.0E-03	2.0E-06	1.6E-01	6.7E-01	2.1E-07
396	0.24	2.4E-07	6.1E+00	3.5E-04	1.0E-03	2.2E-06	1.6E-01	6.7E-01	2.3E-07
397	0.34	3.4E-07	8.7E+00	3.5E-04	1.0E-03	3.2E-06	1.6E-01	6.7E-01	3.3E-07
398	0.32	3.2E-07	8.2E+00	3.5E-04	1.0E-03	3.0E-06	1.6E-01	6.7E-01	3.2E-07
399	0.30	3.0E-07	7.7E+00	3.5E-04	1.0E-03	2.8E-06	1.6E-01	6.7E-01	3.0E-07
400	0.28	2.8E-07	7.3E+00	3.5E-04	1.0E-03	2.7E-06	1.6E-01	6.7E-01	2.8E-07
401	0.27	2.7E-07	6.8E+00	3.5E-04	1.0E-03	2.5E-06	1.6E-01	6.7E-01	2.6E-07
402	0.25	2.5E-07	6.4E+00	3.5E-04	1.0E-03	2.4E-06	1.6E-01	6.7E-01	2.5E-07
403	0.23	2.3E-07	6.0E+00	3.5E-04	1.0E-03	2.2E-06	1.6E-01	6.7E-01	2.3E-07
404	0.22	2.2E-07	5.6E+00	3.5E-04	1.0E-03	2.1E-06	1.6E-01	6.7E-01	2.2E-07
405	0.21	2.1E-07	5.3E+00	3.5E-04	1.0E-03	1.9E-06	1.6E-01	6.7E-01	2.0E-07
406	0.19	1.9E-07	5.0E+00	3.5E-04	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.9E-07
407	0.18	1.8E-07	4.5E+00	3.5E-04	1.0E-03	1.6E-06	1.6E-01	6.7E-01	1.7E-07
408	0.20	2.0E-07	5.0E+00	3.5E-04	1.0E-03	1.9E-06	1.6E-01	6.7E-01	1.9E-07
409	0.23	2.3E-07	5.7E+00	3.5E-04	1.0E-03	2.1E-06	1.6E-01	6.7E-01	2.2E-07
410	0.26	2.6E-07	6.5E+00	3.5E-04	1.0E-03	2.4E-06	1.6E-01	6.7E-01	2.5E-07
411	0.29	2.9E-07	7.3E+00	3.5E-04	1.0E-03	2.7E-06	1.6E-01	6.7E-01	2.8E-07
412	0.38	3.8E-07	9.9E+00	3.5E-04	1.0E-03	3.6E-06	1.6E-01	6.7E-01	3.8E-07
413	0.36	3.6E-07	9.2E+00	3.5E-04	1.0E-03	3.4E-06	1.6E-01	6.7E-01	3.6E-07
414	0.33	3.3E-07	8.6E+00	3.5E-04	1.0E-03	3.2E-06	1.6E-01	6.7E-01	3.3E-07
415	0.31	3.1E-07	8.0E+00	3.5E-04	1.0E-03	2.9E-06	1.6E-01	6.7E-01	3.1E-07
416	0.29	2.9E-07	7.4E+00	3.5E-04	1.0E-03	2.7E-06	1.6E-01	6.7E-01	2.9E-07
417	0.27	2.7E-07	6.9E+00	3.5E-04	1.0E-03	2.5E-06	1.6E-01	6.7E-01	2.7E-07
418	0.25	2.5E-07	6.4E+00	3.5E-04	1.0E-03	2.4E-06	1.6E-01	6.7E-01	2.5E-07
419	0.23	2.3E-07	6.0E+00	3.5E-04	1.0E-03	2.2E-06	1.6E-01	6.7E-01	2.3E-07
420	0.22	2.2E-07	5.6E+00	3.5E-04	1.0E-03	2.1E-06	1.6E-01	6.7E-01	2.2E-07
421	0.20	2.0E-07	5.2E+00	3.5E-04	1.0E-03	1.9E-06	1.6E-01	6.7E-01	2.0E-07
422	0.20	2.0E-07	5.1E+00	3.5E-04	1.0E-03	1.9E-06	1.6E-01	6.7E-01	2.0E-07
423	0.23	2.3E-07	5.8E+00	3.5E-04	1.0E-03	2.1E-06	1.6E-01	6.7E-01	2.2E-07
424	0.26	2.6E-07	6.7E+00	3.5E-04	1.0E-03	2.5E-06	1.6E-01	6.7E-01	2.6E-07
425	0.30	3.0E-07	7.7E+00	3.5E-04	1.0E-03	2.8E-06	1.6E-01	6.7E-01	3.0E-07
426	0.35	3.5E-07	9.0E+00	3.5E-04	1.0E-03	3.3E-06	1.6E-01	6.7E-01	3.5E-07
427	0.43	4.3E-07	1.1E+01	3.5E-04	1.0E-03	4.1E-06	1.6E-01	6.7E-01	4.3E-07
428	0.40	4.0E-07	1.0E+01	3.5E-04	1.0E-03	3.8E-06	1.6E-01	6.7E-01	4.0E-07
429	0.37	3.7E-07	9.5E+00	3.5E-04	1.0E-03	3.5E-06	1.6E-01	6.7E-01	3.7E-07
430	0.34	3.4E-07	8.7E+00	3.5E-04	1.0E-03	3.2E-06	1.6E-01	6.7E-01	3.4E-07

Franklin School Project
Risk From Modernization Const - Mitigated Residential

	1.35	Max							
						Onsite			
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
431	0.31	3.1E-07	8.1E+00	3.5E-04	1.0E-03	3.0E-06	1.6E-01	6.7E-01	3.1E-07
432	0.29	2.9E-07	7.4E+00	3.5E-04	1.0E-03	2.7E-06	1.6E-01	6.7E-01	2.9E-07
433	0.27	2.7E-07	6.9E+00	3.5E-04	1.0E-03	2.5E-06	1.6E-01	6.7E-01	2.6E-07
434	0.25	2.5E-07	6.3E+00	3.5E-04	1.0E-03	2.3E-06	1.6E-01	6.7E-01	2.4E-07
435	0.23	2.3E-07	5.9E+00	3.5E-04	1.0E-03	2.2E-06	1.6E-01	6.7E-01	2.3E-07
436	0.21	2.1E-07	5.4E+00	3.5E-04	1.0E-03	2.0E-06	1.6E-01	6.7E-01	2.1E-07
437	0.22	2.2E-07	5.7E+00	3.5E-04	1.0E-03	2.1E-06	1.6E-01	6.7E-01	2.2E-07
438	0.26	2.6E-07	6.6E+00	3.5E-04	1.0E-03	2.4E-06	1.6E-01	6.7E-01	2.6E-07
439	0.31	3.1E-07	7.8E+00	3.5E-04	1.0E-03	2.9E-06	1.6E-01	6.7E-01	3.0E-07
440	0.36	3.6E-07	9.3E+00	3.5E-04	1.0E-03	3.4E-06	1.6E-01	6.7E-01	3.6E-07
441	0.44	4.4E-07	1.1E+01	3.5E-04	1.0E-03	4.2E-06	1.6E-01	6.7E-01	4.4E-07
442	0.49	4.9E-07	1.3E+01	3.5E-04	1.0E-03	4.6E-06	1.6E-01	6.7E-01	4.8E-07
443	0.44	4.4E-07	1.1E+01	3.5E-04	1.0E-03	4.2E-06	1.6E-01	6.7E-01	4.4E-07
444	0.40	4.0E-07	1.0E+01	3.5E-04	1.0E-03	3.8E-06	1.6E-01	6.7E-01	4.0E-07
445	0.37	3.7E-07	9.5E+00	3.5E-04	1.0E-03	3.5E-06	1.6E-01	6.7E-01	3.7E-07
446	0.33	3.3E-07	8.6E+00	3.5E-04	1.0E-03	3.2E-06	1.6E-01	6.7E-01	3.3E-07
447	0.31	3.1E-07	7.9E+00	3.5E-04	1.0E-03	2.9E-06	1.6E-01	6.7E-01	3.1E-07
448	0.28	2.8E-07	7.2E+00	3.5E-04	1.0E-03	2.7E-06	1.6E-01	6.7E-01	2.8E-07
449	0.26	2.6E-07	6.6E+00	3.5E-04	1.0E-03	2.4E-06	1.6E-01	6.7E-01	2.6E-07
450	0.24	2.4E-07	6.1E+00	3.5E-04	1.0E-03	2.2E-06	1.6E-01	6.7E-01	2.4E-07
451	0.22	2.2E-07	5.6E+00	3.5E-04	1.0E-03	2.1E-06	1.6E-01	6.7E-01	2.2E-07
452	0.25	2.5E-07	6.4E+00	3.5E-04	1.0E-03	2.3E-06	1.6E-01	6.7E-01	2.5E-07
453	0.29	2.9E-07	7.5E+00	3.5E-04	1.0E-03	2.8E-06	1.6E-01	6.7E-01	2.9E-07
454	0.36	3.6E-07	9.2E+00	3.5E-04	1.0E-03	3.4E-06	1.6E-01	6.7E-01	3.5E-07
455	0.44	4.4E-07	1.1E+01	3.5E-04	1.0E-03	4.1E-06	1.6E-01	6.7E-01	4.3E-07
456	0.56	5.6E-07	1.4E+01	3.5E-04	1.0E-03	5.3E-06	1.6E-01	6.7E-01	5.5E-07
457	0.54	5.4E-07	1.4E+01	3.5E-04	1.0E-03	5.1E-06	1.6E-01	6.7E-01	5.3E-07
458	0.48	4.8E-07	1.2E+01	3.5E-04	1.0E-03	4.6E-06	1.6E-01	6.7E-01	4.8E-07
459	0.43	4.3E-07	1.1E+01	3.5E-04	1.0E-03	4.1E-06	1.6E-01	6.7E-01	4.3E-07
460	0.39	3.9E-07	1.0E+01	3.5E-04	1.0E-03	3.7E-06	1.6E-01	6.7E-01	3.9E-07
461	0.36	3.6E-07	9.2E+00	3.5E-04	1.0E-03	3.4E-06	1.6E-01	6.7E-01	3.5E-07
462	0.32	3.2E-07	8.3E+00	3.5E-04	1.0E-03	3.1E-06	1.6E-01	6.7E-01	3.2E-07
463	0.29	2.9E-07	7.6E+00	3.5E-04	1.0E-03	2.8E-06	1.6E-01	6.7E-01	2.9E-07
464	0.27	2.7E-07	6.9E+00	3.5E-04	1.0E-03	2.5E-06	1.6E-01	6.7E-01	2.7E-07
465	0.25	2.5E-07	6.3E+00	3.5E-04	1.0E-03	2.3E-06	1.6E-01	6.7E-01	2.4E-07
466	0.22	2.2E-07	5.8E+00	3.5E-04	1.0E-03	2.1E-06	1.6E-01	6.7E-01	2.2E-07
467	0.27	2.7E-07	7.0E+00	3.5E-04	1.0E-03	2.6E-06	1.6E-01	6.7E-01	2.7E-07
468	0.33	3.3E-07	8.4E+00	3.5E-04	1.0E-03	3.1E-06	1.6E-01	6.7E-01	3.3E-07
469	0.40	4.0E-07	1.0E+01	3.5E-04	1.0E-03	3.8E-06	1.6E-01	6.7E-01	4.0E-07
470	0.52	5.2E-07	1.3E+01	3.5E-04	1.0E-03	4.9E-06	1.6E-01	6.7E-01	5.1E-07
471	0.70	7.0E-07	1.8E+01	3.5E-04	1.0E-03	6.6E-06	1.6E-01	6.7E-01	7.0E-07
472	0.58	5.8E-07	1.5E+01	3.5E-04	1.0E-03	5.6E-06	1.6E-01	6.7E-01	5.8E-07
473	0.52	5.2E-07	1.3E+01	3.5E-04	1.0E-03	4.9E-06	1.6E-01	6.7E-01	5.2E-07

Franklin School Project
Risk From Modernization Const - Mitigated Residential

	1.35	Max					Onsite		
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
474	0.46	4.6E-07	1.2E+01	3.5E-04	1.0E-03	4.4E-06	1.6E-01	6.7E-01	4.6E-07
475	0.42	4.2E-07	1.1E+01	3.5E-04	1.0E-03	3.9E-06	1.6E-01	6.7E-01	4.1E-07
476	0.37	3.7E-07	9.6E+00	3.5E-04	1.0E-03	3.5E-06	1.6E-01	6.7E-01	3.7E-07
477	0.34	3.4E-07	8.7E+00	3.5E-04	1.0E-03	3.2E-06	1.6E-01	6.7E-01	3.4E-07
478	0.31	3.1E-07	7.9E+00	3.5E-04	1.0E-03	2.9E-06	1.6E-01	6.7E-01	3.0E-07
479	0.28	2.8E-07	7.2E+00	3.5E-04	1.0E-03	2.6E-06	1.6E-01	6.7E-01	2.8E-07
480	0.25	2.5E-07	6.5E+00	3.5E-04	1.0E-03	2.4E-06	1.6E-01	6.7E-01	2.5E-07
481	0.23	2.3E-07	5.9E+00	3.5E-04	1.0E-03	2.2E-06	1.6E-01	6.7E-01	2.3E-07
482	0.29	2.9E-07	7.6E+00	3.5E-04	1.0E-03	2.8E-06	1.6E-01	6.7E-01	2.9E-07
483	0.36	3.6E-07	9.3E+00	3.5E-04	1.0E-03	3.4E-06	1.6E-01	6.7E-01	3.6E-07
484	0.45	4.5E-07	1.2E+01	3.5E-04	1.0E-03	4.3E-06	1.6E-01	6.7E-01	4.5E-07
485	0.60	6.0E-07	1.6E+01	3.5E-04	1.0E-03	5.7E-06	1.6E-01	6.7E-01	6.0E-07
486	0.85	8.5E-07	2.2E+01	3.5E-04	1.0E-03	8.1E-06	1.6E-01	6.7E-01	8.5E-07
487	0.63	6.3E-07	1.6E+01	3.5E-04	1.0E-03	6.0E-06	1.6E-01	6.7E-01	6.3E-07
488	0.55	5.5E-07	1.4E+01	3.5E-04	1.0E-03	5.3E-06	1.6E-01	6.7E-01	5.5E-07
489	0.49	4.9E-07	1.3E+01	3.5E-04	1.0E-03	4.7E-06	1.6E-01	6.7E-01	4.9E-07
490	0.44	4.4E-07	1.1E+01	3.5E-04	1.0E-03	4.1E-06	1.6E-01	6.7E-01	4.3E-07
491	0.39	3.9E-07	1.0E+01	3.5E-04	1.0E-03	3.7E-06	1.6E-01	6.7E-01	3.9E-07
492	0.35	3.5E-07	9.0E+00	3.5E-04	1.0E-03	3.3E-06	1.6E-01	6.7E-01	3.5E-07
493	0.31	3.1E-07	8.1E+00	3.5E-04	1.0E-03	3.0E-06	1.6E-01	6.7E-01	3.1E-07
494	0.28	2.8E-07	7.3E+00	3.5E-04	1.0E-03	2.7E-06	1.6E-01	6.7E-01	2.8E-07
495	0.26	2.6E-07	6.7E+00	3.5E-04	1.0E-03	2.4E-06	1.6E-01	6.7E-01	2.6E-07
496	0.23	2.3E-07	6.0E+00	3.5E-04	1.0E-03	2.2E-06	1.6E-01	6.7E-01	2.3E-07
497	0.32	3.2E-07	8.2E+00	3.5E-04	1.0E-03	3.0E-06	1.6E-01	6.7E-01	3.2E-07
498	0.40	4.0E-07	1.0E+01	3.5E-04	1.0E-03	3.8E-06	1.6E-01	6.7E-01	3.9E-07
499	0.51	5.1E-07	1.3E+01	3.5E-04	1.0E-03	4.9E-06	1.6E-01	6.7E-01	5.1E-07
500	0.70	7.0E-07	1.8E+01	3.5E-04	1.0E-03	6.6E-06	1.6E-01	6.7E-01	6.9E-07
501	1.00	1.0E-06	2.6E+01	3.5E-04	1.0E-03	9.5E-06	1.6E-01	6.7E-01	9.9E-07
502	0.67	6.7E-07	1.7E+01	3.5E-04	1.0E-03	6.3E-06	1.6E-01	6.7E-01	6.7E-07
503	0.58	5.8E-07	1.5E+01	3.5E-04	1.0E-03	5.5E-06	1.6E-01	6.7E-01	5.8E-07
504	0.51	5.1E-07	1.3E+01	3.5E-04	1.0E-03	4.9E-06	1.6E-01	6.7E-01	5.1E-07
505	0.45	4.5E-07	1.2E+01	3.5E-04	1.0E-03	4.3E-06	1.6E-01	6.7E-01	4.5E-07
506	0.40	4.0E-07	1.0E+01	3.5E-04	1.0E-03	3.8E-06	1.6E-01	6.7E-01	4.0E-07
507	0.36	3.6E-07	9.2E+00	3.5E-04	1.0E-03	3.4E-06	1.6E-01	6.7E-01	3.6E-07
508	0.32	3.2E-07	8.3E+00	3.5E-04	1.0E-03	3.0E-06	1.6E-01	6.7E-01	3.2E-07
509	0.29	2.9E-07	7.5E+00	3.5E-04	1.0E-03	2.7E-06	1.6E-01	6.7E-01	2.9E-07
510	0.26	2.6E-07	6.7E+00	3.5E-04	1.0E-03	2.5E-06	1.6E-01	6.7E-01	2.6E-07
511	0.24	2.4E-07	6.1E+00	3.5E-04	1.0E-03	2.2E-06	1.6E-01	6.7E-01	2.4E-07
512	0.34	3.4E-07	8.7E+00	3.5E-04	1.0E-03	3.2E-06	1.6E-01	6.7E-01	3.3E-07
513	0.42	4.2E-07	1.1E+01	3.5E-04	1.0E-03	4.0E-06	1.6E-01	6.7E-01	4.2E-07
514	0.55	5.5E-07	1.4E+01	3.5E-04	1.0E-03	5.2E-06	1.6E-01	6.7E-01	5.5E-07
515	0.76	7.6E-07	2.0E+01	3.5E-04	1.0E-03	7.2E-06	1.6E-01	6.7E-01	7.6E-07
516	1.10	1.1E-06	2.8E+01	3.5E-04	1.0E-03	1.0E-05	1.6E-01	6.7E-01	1.1E-06

Franklin School Project
Risk From Modernization Const - Mitigated Residential

	1.35	Max							
						Onsite			
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
517	0.70	7.0E-07	1.8E+01	3.5E-04	1.0E-03	6.6E-06	1.6E-01	6.7E-01	7.0E-07
518	0.61	6.1E-07	1.6E+01	3.5E-04	1.0E-03	5.8E-06	1.6E-01	6.7E-01	6.1E-07
519	0.53	5.3E-07	1.4E+01	3.5E-04	1.0E-03	5.0E-06	1.6E-01	6.7E-01	5.3E-07
520	0.46	4.6E-07	1.2E+01	3.5E-04	1.0E-03	4.4E-06	1.6E-01	6.7E-01	4.6E-07
521	0.41	4.1E-07	1.1E+01	3.5E-04	1.0E-03	3.9E-06	1.6E-01	6.7E-01	4.1E-07
522	0.36	3.6E-07	9.4E+00	3.5E-04	1.0E-03	3.5E-06	1.6E-01	6.7E-01	3.6E-07
523	0.32	3.2E-07	8.4E+00	3.5E-04	1.0E-03	3.1E-06	1.6E-01	6.7E-01	3.2E-07
524	0.29	2.9E-07	7.5E+00	3.5E-04	1.0E-03	2.8E-06	1.6E-01	6.7E-01	2.9E-07
525	0.26	2.6E-07	6.7E+00	3.5E-04	1.0E-03	2.5E-06	1.6E-01	6.7E-01	2.6E-07
526	0.24	2.4E-07	6.1E+00	3.5E-04	1.0E-03	2.2E-06	1.6E-01	6.7E-01	2.3E-07
527	0.35	3.5E-07	9.1E+00	3.5E-04	1.0E-03	3.3E-06	1.6E-01	6.7E-01	3.5E-07
528	0.44	4.4E-07	1.1E+01	3.5E-04	1.0E-03	4.2E-06	1.6E-01	6.7E-01	4.4E-07
529	0.59	5.9E-07	1.5E+01	3.5E-04	1.0E-03	5.6E-06	1.6E-01	6.7E-01	5.9E-07
530	0.81	8.1E-07	2.1E+01	3.5E-04	1.0E-03	7.7E-06	1.6E-01	6.7E-01	8.1E-07
531	1.18	1.2E-06	3.1E+01	3.5E-04	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.2E-06
532	0.72	7.2E-07	1.9E+01	3.5E-04	1.0E-03	6.9E-06	1.6E-01	6.7E-01	7.2E-07
533	0.62	6.2E-07	1.6E+01	3.5E-04	1.0E-03	5.9E-06	1.6E-01	6.7E-01	6.2E-07
534	0.54	5.4E-07	1.4E+01	3.5E-04	1.0E-03	5.1E-06	1.6E-01	6.7E-01	5.4E-07
535	0.47	4.7E-07	1.2E+01	3.5E-04	1.0E-03	4.4E-06	1.6E-01	6.7E-01	4.7E-07
536	0.41	4.1E-07	1.1E+01	3.5E-04	1.0E-03	3.9E-06	1.6E-01	6.7E-01	4.1E-07
537	0.36	3.6E-07	9.4E+00	3.5E-04	1.0E-03	3.4E-06	1.6E-01	6.7E-01	3.6E-07
538	0.32	3.2E-07	8.3E+00	3.5E-04	1.0E-03	3.1E-06	1.6E-01	6.7E-01	3.2E-07
539	0.29	2.9E-07	7.5E+00	3.5E-04	1.0E-03	2.7E-06	1.6E-01	6.7E-01	2.9E-07
540	0.26	2.6E-07	6.7E+00	3.5E-04	1.0E-03	2.5E-06	1.6E-01	6.7E-01	2.6E-07
541	0.23	2.3E-07	6.0E+00	3.5E-04	1.0E-03	2.2E-06	1.6E-01	6.7E-01	2.3E-07
542	0.36	3.6E-07	9.4E+00	3.5E-04	1.0E-03	3.4E-06	1.6E-01	6.7E-01	3.6E-07
543	0.46	4.6E-07	1.2E+01	3.5E-04	1.0E-03	4.4E-06	1.6E-01	6.7E-01	4.6E-07
544	0.62	6.2E-07	1.6E+01	3.5E-04	1.0E-03	5.9E-06	1.6E-01	6.7E-01	6.2E-07
545	0.85	8.5E-07	2.2E+01	3.5E-04	1.0E-03	8.1E-06	1.6E-01	6.7E-01	8.5E-07
546	1.23	1.2E-06	3.2E+01	3.5E-04	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.2E-06
547	0.74	7.4E-07	1.9E+01	3.5E-04	1.0E-03	7.0E-06	1.6E-01	6.7E-01	7.4E-07
548	0.63	6.3E-07	1.6E+01	3.5E-04	1.0E-03	6.0E-06	1.6E-01	6.7E-01	6.3E-07
549	0.54	5.4E-07	1.4E+01	3.5E-04	1.0E-03	5.1E-06	1.6E-01	6.7E-01	5.4E-07
550	0.47	4.7E-07	1.2E+01	3.5E-04	1.0E-03	4.4E-06	1.6E-01	6.7E-01	4.7E-07
551	0.40	4.0E-07	1.0E+01	3.5E-04	1.0E-03	3.8E-06	1.6E-01	6.7E-01	4.0E-07
552	0.35	3.5E-07	9.0E+00	3.5E-04	1.0E-03	3.3E-06	1.6E-01	6.7E-01	3.5E-07
553	0.31	3.1E-07	8.0E+00	3.5E-04	1.0E-03	3.0E-06	1.6E-01	6.7E-01	3.1E-07
554	0.28	2.8E-07	7.2E+00	3.5E-04	1.0E-03	2.6E-06	1.6E-01	6.7E-01	2.8E-07
555	0.25	2.5E-07	6.4E+00	3.5E-04	1.0E-03	2.4E-06	1.6E-01	6.7E-01	2.5E-07
556	0.22	2.2E-07	5.8E+00	3.5E-04	1.0E-03	2.1E-06	1.6E-01	6.7E-01	2.2E-07
557	0.37	3.7E-07	9.5E+00	3.5E-04	1.0E-03	3.5E-06	1.6E-01	6.7E-01	3.7E-07
558	0.47	4.7E-07	1.2E+01	3.5E-04	1.0E-03	4.5E-06	1.6E-01	6.7E-01	4.7E-07
559	0.63	6.3E-07	1.6E+01	3.5E-04	1.0E-03	6.0E-06	1.6E-01	6.7E-01	6.3E-07

Franklin School Project
Risk From Modernization Const - Mitigated Residential

	1.35	Max							
						Onsite			
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
560	0.88	8.8E-07	2.3E+01	3.5E-04	1.0E-03	8.3E-06	1.6E-01	6.7E-01	8.8E-07
561	1.25	1.3E-06	3.2E+01	3.5E-04	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.3E-06
562	0.64	6.4E-07	1.6E+01	3.5E-04	1.0E-03	6.1E-06	1.6E-01	6.7E-01	6.4E-07
563	0.54	5.4E-07	1.4E+01	3.5E-04	1.0E-03	5.2E-06	1.6E-01	6.7E-01	5.4E-07
564	0.46	4.6E-07	1.2E+01	3.5E-04	1.0E-03	4.4E-06	1.6E-01	6.7E-01	4.6E-07
565	0.38	3.8E-07	9.8E+00	3.5E-04	1.0E-03	3.6E-06	1.6E-01	6.7E-01	3.8E-07
566	0.33	3.3E-07	8.5E+00	3.5E-04	1.0E-03	3.1E-06	1.6E-01	6.7E-01	3.3E-07
567	0.29	2.9E-07	7.5E+00	3.5E-04	1.0E-03	2.8E-06	1.6E-01	6.7E-01	2.9E-07
568	0.26	2.6E-07	6.7E+00	3.5E-04	1.0E-03	2.5E-06	1.6E-01	6.7E-01	2.6E-07
569	0.23	2.3E-07	6.0E+00	3.5E-04	1.0E-03	2.2E-06	1.6E-01	6.7E-01	2.3E-07
570	0.21	2.1E-07	5.5E+00	3.5E-04	1.0E-03	2.0E-06	1.6E-01	6.7E-01	2.1E-07
571	0.37	3.7E-07	9.6E+00	3.5E-04	1.0E-03	3.5E-06	1.6E-01	6.7E-01	3.7E-07
572	0.48	4.8E-07	1.2E+01	3.5E-04	1.0E-03	4.6E-06	1.6E-01	6.7E-01	4.8E-07
573	0.64	6.4E-07	1.6E+01	3.5E-04	1.0E-03	6.1E-06	1.6E-01	6.7E-01	6.4E-07
574	0.88	8.8E-07	2.3E+01	3.5E-04	1.0E-03	8.4E-06	1.6E-01	6.7E-01	8.8E-07
575	1.26	1.3E-06	3.3E+01	3.5E-04	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.3E-06
576	0.54	5.4E-07	1.4E+01	3.5E-04	1.0E-03	5.1E-06	1.6E-01	6.7E-01	5.4E-07
577	0.46	4.6E-07	1.2E+01	3.5E-04	1.0E-03	4.4E-06	1.6E-01	6.7E-01	4.6E-07
578	0.39	3.9E-07	1.0E+01	3.5E-04	1.0E-03	3.7E-06	1.6E-01	6.7E-01	3.9E-07
579	0.34	3.4E-07	8.7E+00	3.5E-04	1.0E-03	3.2E-06	1.6E-01	6.7E-01	3.4E-07
580	0.29	2.9E-07	7.6E+00	3.5E-04	1.0E-03	2.8E-06	1.6E-01	6.7E-01	2.9E-07
581	0.26	2.6E-07	6.6E+00	3.5E-04	1.0E-03	2.4E-06	1.6E-01	6.7E-01	2.6E-07
582	0.23	2.3E-07	5.9E+00	3.5E-04	1.0E-03	2.2E-06	1.6E-01	6.7E-01	2.3E-07
583	0.20	2.0E-07	5.2E+00	3.5E-04	1.0E-03	1.9E-06	1.6E-01	6.7E-01	2.0E-07
584	0.37	3.7E-07	9.6E+00	3.5E-04	1.0E-03	3.5E-06	1.6E-01	6.7E-01	3.7E-07
585	0.48	4.8E-07	1.2E+01	3.5E-04	1.0E-03	4.5E-06	1.6E-01	6.7E-01	4.8E-07
586	0.64	6.4E-07	1.6E+01	3.5E-04	1.0E-03	6.1E-06	1.6E-01	6.7E-01	6.4E-07
587	0.87	8.7E-07	2.3E+01	3.5E-04	1.0E-03	8.3E-06	1.6E-01	6.7E-01	8.7E-07
588	1.25	1.2E-06	3.2E+01	3.5E-04	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.2E-06
589	0.46	4.6E-07	1.2E+01	3.5E-04	1.0E-03	4.3E-06	1.6E-01	6.7E-01	4.6E-07
590	0.40	4.0E-07	1.0E+01	3.5E-04	1.0E-03	3.8E-06	1.6E-01	6.7E-01	3.9E-07
591	0.34	3.4E-07	8.9E+00	3.5E-04	1.0E-03	3.3E-06	1.6E-01	6.7E-01	3.4E-07
592	0.30	3.0E-07	7.7E+00	3.5E-04	1.0E-03	2.8E-06	1.6E-01	6.7E-01	3.0E-07
593	0.26	2.6E-07	6.8E+00	3.5E-04	1.0E-03	2.5E-06	1.6E-01	6.7E-01	2.6E-07
594	0.23	2.3E-07	5.9E+00	3.5E-04	1.0E-03	2.2E-06	1.6E-01	6.7E-01	2.3E-07
595	0.20	2.0E-07	5.2E+00	3.5E-04	1.0E-03	1.9E-06	1.6E-01	6.7E-01	2.0E-07
596	0.36	3.6E-07	9.4E+00	3.5E-04	1.0E-03	3.4E-06	1.6E-01	6.7E-01	3.6E-07
597	0.47	4.7E-07	1.2E+01	3.5E-04	1.0E-03	4.5E-06	1.6E-01	6.7E-01	4.7E-07
598	0.62	6.2E-07	1.6E+01	3.5E-04	1.0E-03	5.9E-06	1.6E-01	6.7E-01	6.1E-07
599	0.84	8.4E-07	2.2E+01	3.5E-04	1.0E-03	8.0E-06	1.6E-01	6.7E-01	8.4E-07
600	1.21	1.2E-06	3.1E+01	3.5E-04	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.2E-06
601	0.38	3.8E-07	9.8E+00	3.5E-04	1.0E-03	3.6E-06	1.6E-01	6.7E-01	3.8E-07
602	0.33	3.3E-07	8.6E+00	3.5E-04	1.0E-03	3.1E-06	1.6E-01	6.7E-01	3.3E-07

Franklin School Project
Risk From Modernization Const - Mitigated Residential

	1.35	Max							
						Onsite			
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
603	0.29	2.9E-07	7.4E+00	3.5E-04	1.0E-03	2.7E-06	1.6E-01	6.7E-01	2.9E-07
604	0.25	2.5E-07	6.6E+00	3.5E-04	1.0E-03	2.4E-06	1.6E-01	6.7E-01	2.5E-07
605	0.22	2.2E-07	5.8E+00	3.5E-04	1.0E-03	2.1E-06	1.6E-01	6.7E-01	2.2E-07
606	0.20	2.0E-07	5.1E+00	3.5E-04	1.0E-03	1.9E-06	1.6E-01	6.7E-01	2.0E-07
607	0.35	3.5E-07	9.0E+00	3.5E-04	1.0E-03	3.3E-06	1.6E-01	6.7E-01	3.5E-07
608	0.45	4.5E-07	1.2E+01	3.5E-04	1.0E-03	4.3E-06	1.6E-01	6.7E-01	4.5E-07
609	0.59	5.9E-07	1.5E+01	3.5E-04	1.0E-03	5.6E-06	1.6E-01	6.7E-01	5.9E-07
610	0.80	8.0E-07	2.1E+01	3.5E-04	1.0E-03	7.6E-06	1.6E-01	6.7E-01	7.9E-07
611	1.13	1.1E-06	2.9E+01	3.5E-04	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.1E-06
612	0.36	3.6E-07	9.4E+00	3.5E-04	1.0E-03	3.4E-06	1.6E-01	6.7E-01	3.6E-07
613	0.32	3.2E-07	8.2E+00	3.5E-04	1.0E-03	3.0E-06	1.6E-01	6.7E-01	3.1E-07
614	0.28	2.8E-07	7.1E+00	3.5E-04	1.0E-03	2.6E-06	1.6E-01	6.7E-01	2.7E-07
615	0.24	2.4E-07	6.3E+00	3.5E-04	1.0E-03	2.3E-06	1.6E-01	6.7E-01	2.4E-07
616	0.21	2.1E-07	5.5E+00	3.5E-04	1.0E-03	2.0E-06	1.6E-01	6.7E-01	2.1E-07
617	0.19	1.9E-07	4.9E+00	3.5E-04	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.9E-07
618	0.33	3.3E-07	8.6E+00	3.5E-04	1.0E-03	3.1E-06	1.6E-01	6.7E-01	3.3E-07
619	0.42	4.2E-07	1.1E+01	3.5E-04	1.0E-03	4.0E-06	1.6E-01	6.7E-01	4.2E-07
620	0.54	5.4E-07	1.4E+01	3.5E-04	1.0E-03	5.2E-06	1.6E-01	6.7E-01	5.4E-07
621	0.72	7.2E-07	1.9E+01	3.5E-04	1.0E-03	6.9E-06	1.6E-01	6.7E-01	7.2E-07
622	1.02	1.0E-06	2.6E+01	3.5E-04	1.0E-03	9.7E-06	1.6E-01	6.7E-01	1.0E-06
623	0.34	3.4E-07	8.8E+00	3.5E-04	1.0E-03	3.2E-06	1.6E-01	6.7E-01	3.4E-07
624	0.30	3.0E-07	7.7E+00	3.5E-04	1.0E-03	2.8E-06	1.6E-01	6.7E-01	3.0E-07
625	0.26	2.6E-07	6.7E+00	3.5E-04	1.0E-03	2.5E-06	1.6E-01	6.7E-01	2.6E-07
626	0.23	2.3E-07	6.0E+00	3.5E-04	1.0E-03	2.2E-06	1.6E-01	6.7E-01	2.3E-07
627	0.21	2.1E-07	5.3E+00	3.5E-04	1.0E-03	2.0E-06	1.6E-01	6.7E-01	2.0E-07
628	0.18	1.8E-07	4.7E+00	3.5E-04	1.0E-03	1.7E-06	1.6E-01	6.7E-01	1.8E-07
629	0.31	3.1E-07	8.0E+00	3.5E-04	1.0E-03	2.9E-06	1.6E-01	6.7E-01	3.1E-07
630	0.38	3.8E-07	9.9E+00	3.5E-04	1.0E-03	3.6E-06	1.6E-01	6.7E-01	3.8E-07
631	0.49	4.9E-07	1.3E+01	3.5E-04	1.0E-03	4.7E-06	1.6E-01	6.7E-01	4.9E-07
632	0.64	6.4E-07	1.7E+01	3.5E-04	1.0E-03	6.1E-06	1.6E-01	6.7E-01	6.4E-07
633	0.88	8.8E-07	2.3E+01	3.5E-04	1.0E-03	8.4E-06	1.6E-01	6.7E-01	8.8E-07
634	0.32	3.2E-07	8.2E+00	3.5E-04	1.0E-03	3.0E-06	1.6E-01	6.7E-01	3.2E-07
635	0.28	2.8E-07	7.2E+00	3.5E-04	1.0E-03	2.6E-06	1.6E-01	6.7E-01	2.8E-07
636	0.25	2.5E-07	6.3E+00	3.5E-04	1.0E-03	2.3E-06	1.6E-01	6.7E-01	2.4E-07
637	0.22	2.2E-07	5.6E+00	3.5E-04	1.0E-03	2.1E-06	1.6E-01	6.7E-01	2.2E-07
638	0.19	1.9E-07	5.0E+00	3.5E-04	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.9E-07
639	0.17	1.7E-07	4.5E+00	3.5E-04	1.0E-03	1.7E-06	1.6E-01	6.7E-01	1.7E-07
640	0.28	2.8E-07	7.4E+00	3.5E-04	1.0E-03	2.7E-06	1.6E-01	6.7E-01	2.8E-07
641	0.35	3.5E-07	9.0E+00	3.5E-04	1.0E-03	3.3E-06	1.6E-01	6.7E-01	3.5E-07
642	0.44	4.4E-07	1.1E+01	3.5E-04	1.0E-03	4.2E-06	1.6E-01	6.7E-01	4.4E-07
643	0.56	5.6E-07	1.4E+01	3.5E-04	1.0E-03	5.3E-06	1.6E-01	6.7E-01	5.6E-07
644	0.73	7.3E-07	1.9E+01	3.5E-04	1.0E-03	7.0E-06	1.6E-01	6.7E-01	7.3E-07
645	0.29	2.9E-07	7.6E+00	3.5E-04	1.0E-03	2.8E-06	1.6E-01	6.7E-01	2.9E-07

Franklin School Project
Risk From Modernization Const - Mitigated Residential

	1.35	Max							
						Onsite			
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
646	0.26	2.6E-07	6.7E+00	3.5E-04	1.0E-03	2.5E-06	1.6E-01	6.7E-01	2.6E-07
647	0.23	2.3E-07	5.9E+00	3.5E-04	1.0E-03	2.2E-06	1.6E-01	6.7E-01	2.3E-07
648	0.20	2.0E-07	5.3E+00	3.5E-04	1.0E-03	1.9E-06	1.6E-01	6.7E-01	2.0E-07
649	0.18	1.8E-07	4.7E+00	3.5E-04	1.0E-03	1.7E-06	1.6E-01	6.7E-01	1.8E-07
650	0.17	1.7E-07	4.3E+00	3.5E-04	1.0E-03	1.6E-06	1.6E-01	6.7E-01	1.6E-07
651	0.26	2.6E-07	6.8E+00	3.5E-04	1.0E-03	2.5E-06	1.6E-01	6.7E-01	2.6E-07
652	0.32	3.2E-07	8.2E+00	3.5E-04	1.0E-03	3.0E-06	1.6E-01	6.7E-01	3.2E-07
653	0.39	3.9E-07	1.0E+01	3.5E-04	1.0E-03	3.7E-06	1.6E-01	6.7E-01	3.9E-07
654	0.48	4.8E-07	1.2E+01	3.5E-04	1.0E-03	4.6E-06	1.6E-01	6.7E-01	4.8E-07
655	0.60	6.0E-07	1.6E+01	3.5E-04	1.0E-03	5.7E-06	1.6E-01	6.7E-01	6.0E-07
656	0.76	7.6E-07	2.0E+01	3.5E-04	1.0E-03	7.3E-06	1.6E-01	6.7E-01	7.6E-07
657	0.96	9.6E-07	2.5E+01	3.5E-04	1.0E-03	9.1E-06	1.6E-01	6.7E-01	9.6E-07
658	1.16	1.2E-06	3.0E+01	3.5E-04	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.2E-06
659	1.30	1.3E-06	3.4E+01	3.5E-04	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.3E-06
660	1.35	1.3E-06	3.5E+01	3.5E-04	1.0E-03	1.3E-05	1.6E-01	6.7E-01	1.3E-06
661	1.28	1.3E-06	3.3E+01	3.5E-04	1.0E-03	1.2E-05	1.6E-01	6.7E-01	1.3E-06
662	1.13	1.1E-06	2.9E+01	3.5E-04	1.0E-03	1.1E-05	1.6E-01	6.7E-01	1.1E-06
663	0.94	9.4E-07	2.4E+01	3.5E-04	1.0E-03	9.0E-06	1.6E-01	6.7E-01	9.4E-07
664	0.78	7.8E-07	2.0E+01	3.5E-04	1.0E-03	7.5E-06	1.6E-01	6.7E-01	7.8E-07
665	0.65	6.5E-07	1.7E+01	3.5E-04	1.0E-03	6.2E-06	1.6E-01	6.7E-01	6.5E-07
666	0.55	5.5E-07	1.4E+01	3.5E-04	1.0E-03	5.2E-06	1.6E-01	6.7E-01	5.5E-07
667	0.47	4.7E-07	1.2E+01	3.5E-04	1.0E-03	4.5E-06	1.6E-01	6.7E-01	4.7E-07
668	0.40	4.0E-07	1.0E+01	3.5E-04	1.0E-03	3.8E-06	1.6E-01	6.7E-01	4.0E-07
669	0.35	3.5E-07	9.1E+00	3.5E-04	1.0E-03	3.3E-06	1.6E-01	6.7E-01	3.5E-07
670	0.31	3.1E-07	7.9E+00	3.5E-04	1.0E-03	2.9E-06	1.6E-01	6.7E-01	3.1E-07
671	0.27	2.7E-07	7.0E+00	3.5E-04	1.0E-03	2.6E-06	1.6E-01	6.7E-01	2.7E-07
672	0.24	2.4E-07	6.2E+00	3.5E-04	1.0E-03	2.3E-06	1.6E-01	6.7E-01	2.4E-07
673	0.21	2.1E-07	5.5E+00	3.5E-04	1.0E-03	2.0E-06	1.6E-01	6.7E-01	2.1E-07
674	0.19	1.9E-07	5.0E+00	3.5E-04	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.9E-07
675	0.17	1.7E-07	4.5E+00	3.5E-04	1.0E-03	1.6E-06	1.6E-01	6.7E-01	1.7E-07
676	0.16	1.6E-07	4.0E+00	3.5E-04	1.0E-03	1.5E-06	1.6E-01	6.7E-01	1.6E-07
677	0.24	2.4E-07	6.1E+00	3.5E-04	1.0E-03	2.2E-06	1.6E-01	6.7E-01	2.3E-07
678	0.28	2.8E-07	7.2E+00	3.5E-04	1.0E-03	2.7E-06	1.6E-01	6.7E-01	2.8E-07
679	0.34	3.4E-07	8.7E+00	3.5E-04	1.0E-03	3.2E-06	1.6E-01	6.7E-01	3.4E-07
680	0.40	4.0E-07	1.0E+01	3.5E-04	1.0E-03	3.8E-06	1.6E-01	6.7E-01	4.0E-07
681	0.49	4.9E-07	1.3E+01	3.5E-04	1.0E-03	4.7E-06	1.6E-01	6.7E-01	4.9E-07
682	0.60	6.0E-07	1.5E+01	3.5E-04	1.0E-03	5.7E-06	1.6E-01	6.7E-01	5.9E-07
683	0.71	7.1E-07	1.8E+01	3.5E-04	1.0E-03	6.8E-06	1.6E-01	6.7E-01	7.1E-07
684	0.82	8.2E-07	2.1E+01	3.5E-04	1.0E-03	7.8E-06	1.6E-01	6.7E-01	8.2E-07
685	0.90	9.0E-07	2.3E+01	3.5E-04	1.0E-03	8.6E-06	1.6E-01	6.7E-01	9.0E-07
686	0.93	9.3E-07	2.4E+01	3.5E-04	1.0E-03	8.9E-06	1.6E-01	6.7E-01	9.3E-07
687	0.90	9.0E-07	2.3E+01	3.5E-04	1.0E-03	8.6E-06	1.6E-01	6.7E-01	9.0E-07
688	0.83	8.3E-07	2.1E+01	3.5E-04	1.0E-03	7.9E-06	1.6E-01	6.7E-01	8.3E-07

Franklin School Project
Risk From Modernization Const - Mitigated Residential

	1.35	Max							
						Onsite			
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
689	0.73	7.3E-07	1.9E+01	3.5E-04	1.0E-03	6.9E-06	1.6E-01	6.7E-01	7.3E-07
690	0.64	6.4E-07	1.6E+01	3.5E-04	1.0E-03	6.0E-06	1.6E-01	6.7E-01	6.3E-07
691	0.55	5.5E-07	1.4E+01	3.5E-04	1.0E-03	5.2E-06	1.6E-01	6.7E-01	5.5E-07
692	0.47	4.7E-07	1.2E+01	3.5E-04	1.0E-03	4.5E-06	1.6E-01	6.7E-01	4.7E-07
693	0.41	4.1E-07	1.1E+01	3.5E-04	1.0E-03	3.9E-06	1.6E-01	6.7E-01	4.1E-07
694	0.36	3.6E-07	9.3E+00	3.5E-04	1.0E-03	3.4E-06	1.6E-01	6.7E-01	3.6E-07
695	0.32	3.2E-07	8.2E+00	3.5E-04	1.0E-03	3.0E-06	1.6E-01	6.7E-01	3.2E-07
696	0.28	2.8E-07	7.2E+00	3.5E-04	1.0E-03	2.7E-06	1.6E-01	6.7E-01	2.8E-07
697	0.25	2.5E-07	6.4E+00	3.5E-04	1.0E-03	2.4E-06	1.6E-01	6.7E-01	2.5E-07
698	0.22	2.2E-07	5.7E+00	3.5E-04	1.0E-03	2.1E-06	1.6E-01	6.7E-01	2.2E-07
699	0.20	2.0E-07	5.2E+00	3.5E-04	1.0E-03	1.9E-06	1.6E-01	6.7E-01	2.0E-07
700	0.18	1.8E-07	4.6E+00	3.5E-04	1.0E-03	1.7E-06	1.6E-01	6.7E-01	1.8E-07
701	0.16	1.6E-07	4.2E+00	3.5E-04	1.0E-03	1.5E-06	1.6E-01	6.7E-01	1.6E-07
702	0.15	1.5E-07	3.8E+00	3.5E-04	1.0E-03	1.4E-06	1.6E-01	6.7E-01	1.5E-07
703	0.21	2.1E-07	5.5E+00	3.5E-04	1.0E-03	2.0E-06	1.6E-01	6.7E-01	2.1E-07
704	0.25	2.5E-07	6.4E+00	3.5E-04	1.0E-03	2.4E-06	1.6E-01	6.7E-01	2.5E-07
705	0.29	2.9E-07	7.5E+00	3.5E-04	1.0E-03	2.8E-06	1.6E-01	6.7E-01	2.9E-07
706	0.34	3.4E-07	8.9E+00	3.5E-04	1.0E-03	3.3E-06	1.6E-01	6.7E-01	3.4E-07
707	0.40	4.0E-07	1.0E+01	3.5E-04	1.0E-03	3.8E-06	1.6E-01	6.7E-01	4.0E-07
708	0.47	4.7E-07	1.2E+01	3.5E-04	1.0E-03	4.5E-06	1.6E-01	6.7E-01	4.7E-07
709	0.55	5.5E-07	1.4E+01	3.5E-04	1.0E-03	5.2E-06	1.6E-01	6.7E-01	5.5E-07
710	0.61	6.1E-07	1.6E+01	3.5E-04	1.0E-03	5.8E-06	1.6E-01	6.7E-01	6.1E-07
711	0.66	6.6E-07	1.7E+01	3.5E-04	1.0E-03	6.3E-06	1.6E-01	6.7E-01	6.6E-07
712	0.68	6.8E-07	1.8E+01	3.5E-04	1.0E-03	6.5E-06	1.6E-01	6.7E-01	6.8E-07
713	0.67	6.7E-07	1.7E+01	3.5E-04	1.0E-03	6.4E-06	1.6E-01	6.7E-01	6.7E-07
714	0.63	6.3E-07	1.6E+01	3.5E-04	1.0E-03	6.0E-06	1.6E-01	6.7E-01	6.3E-07
715	0.58	5.8E-07	1.5E+01	3.5E-04	1.0E-03	5.5E-06	1.6E-01	6.7E-01	5.8E-07
716	0.52	5.2E-07	1.3E+01	3.5E-04	1.0E-03	5.0E-06	1.6E-01	6.7E-01	5.2E-07
717	0.46	4.6E-07	1.2E+01	3.5E-04	1.0E-03	4.4E-06	1.6E-01	6.7E-01	4.6E-07
718	0.41	4.1E-07	1.1E+01	3.5E-04	1.0E-03	3.9E-06	1.6E-01	6.7E-01	4.1E-07
719	0.36	3.6E-07	9.4E+00	3.5E-04	1.0E-03	3.4E-06	1.6E-01	6.7E-01	3.6E-07
720	0.32	3.2E-07	8.3E+00	3.5E-04	1.0E-03	3.1E-06	1.6E-01	6.7E-01	3.2E-07
721	0.29	2.9E-07	7.4E+00	3.5E-04	1.0E-03	2.7E-06	1.6E-01	6.7E-01	2.9E-07
722	0.25	2.5E-07	6.6E+00	3.5E-04	1.0E-03	2.4E-06	1.6E-01	6.7E-01	2.5E-07
723	0.23	2.3E-07	5.9E+00	3.5E-04	1.0E-03	2.2E-06	1.6E-01	6.7E-01	2.3E-07
724	0.21	2.1E-07	5.3E+00	3.5E-04	1.0E-03	2.0E-06	1.6E-01	6.7E-01	2.1E-07
725	0.19	1.9E-07	4.8E+00	3.5E-04	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.9E-07
726	0.17	1.7E-07	4.4E+00	3.5E-04	1.0E-03	1.6E-06	1.6E-01	6.7E-01	1.7E-07
727	0.15	1.5E-07	4.0E+00	3.5E-04	1.0E-03	1.5E-06	1.6E-01	6.7E-01	1.5E-07
728	0.14	1.4E-07	3.6E+00	3.5E-04	1.0E-03	1.3E-06	1.6E-01	6.7E-01	1.4E-07
729	0.19	1.9E-07	5.0E+00	3.5E-04	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.9E-07
730	0.22	2.2E-07	5.7E+00	3.5E-04	1.0E-03	2.1E-06	1.6E-01	6.7E-01	2.2E-07
731	0.25	2.5E-07	6.6E+00	3.5E-04	1.0E-03	2.4E-06	1.6E-01	6.7E-01	2.5E-07

Franklin School Project
Risk From Modernization Const - Mitigated Residential

	1.35	Max					Onsite		
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
732	0.29	2.9E-07	7.6E+00	3.5E-04	1.0E-03	2.8E-06	1.6E-01	6.7E-01	2.9E-07
733	0.34	3.4E-07	8.7E+00	3.5E-04	1.0E-03	3.2E-06	1.6E-01	6.7E-01	3.4E-07
734	0.39	3.9E-07	1.0E+01	3.5E-04	1.0E-03	3.7E-06	1.6E-01	6.7E-01	3.9E-07
735	0.43	4.3E-07	1.1E+01	3.5E-04	1.0E-03	4.1E-06	1.6E-01	6.7E-01	4.3E-07
736	0.48	4.8E-07	1.2E+01	3.5E-04	1.0E-03	4.5E-06	1.6E-01	6.7E-01	4.8E-07
737	0.51	5.1E-07	1.3E+01	3.5E-04	1.0E-03	4.9E-06	1.6E-01	6.7E-01	5.1E-07
738	0.53	5.3E-07	1.4E+01	3.5E-04	1.0E-03	5.0E-06	1.6E-01	6.7E-01	5.3E-07
739	0.52	5.2E-07	1.4E+01	3.5E-04	1.0E-03	5.0E-06	1.6E-01	6.7E-01	5.2E-07
740	0.50	5.0E-07	1.3E+01	3.5E-04	1.0E-03	4.8E-06	1.6E-01	6.7E-01	5.0E-07
741	0.47	4.7E-07	1.2E+01	3.5E-04	1.0E-03	4.5E-06	1.6E-01	6.7E-01	4.7E-07
742	0.43	4.3E-07	1.1E+01	3.5E-04	1.0E-03	4.1E-06	1.6E-01	6.7E-01	4.3E-07
743	0.39	3.9E-07	1.0E+01	3.5E-04	1.0E-03	3.8E-06	1.6E-01	6.7E-01	3.9E-07
744	0.36	3.6E-07	9.2E+00	3.5E-04	1.0E-03	3.4E-06	1.6E-01	6.7E-01	3.6E-07
745	0.32	3.2E-07	8.3E+00	3.5E-04	1.0E-03	3.0E-06	1.6E-01	6.7E-01	3.2E-07
746	0.29	2.9E-07	7.4E+00	3.5E-04	1.0E-03	2.7E-06	1.6E-01	6.7E-01	2.9E-07
747	0.26	2.6E-07	6.7E+00	3.5E-04	1.0E-03	2.5E-06	1.6E-01	6.7E-01	2.6E-07
748	0.23	2.3E-07	6.0E+00	3.5E-04	1.0E-03	2.2E-06	1.6E-01	6.7E-01	2.3E-07
749	0.21	2.1E-07	5.4E+00	3.5E-04	1.0E-03	2.0E-06	1.6E-01	6.7E-01	2.1E-07
750	0.19	1.9E-07	4.9E+00	3.5E-04	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.9E-07
751	0.17	1.7E-07	4.5E+00	3.5E-04	1.0E-03	1.6E-06	1.6E-01	6.7E-01	1.7E-07
752	0.16	1.6E-07	4.1E+00	3.5E-04	1.0E-03	1.5E-06	1.6E-01	6.7E-01	1.6E-07
753	0.14	1.4E-07	3.7E+00	3.5E-04	1.0E-03	1.4E-06	1.6E-01	6.7E-01	1.4E-07
754	0.13	1.3E-07	3.4E+00	3.5E-04	1.0E-03	1.3E-06	1.6E-01	6.7E-01	1.3E-07
755	0.17	1.7E-07	4.5E+00	3.5E-04	1.0E-03	1.6E-06	1.6E-01	6.7E-01	1.7E-07
756	0.20	2.0E-07	5.1E+00	3.5E-04	1.0E-03	1.9E-06	1.6E-01	6.7E-01	2.0E-07
757	0.22	2.2E-07	5.8E+00	3.5E-04	1.0E-03	2.1E-06	1.6E-01	6.7E-01	2.2E-07
758	0.25	2.5E-07	6.5E+00	3.5E-04	1.0E-03	2.4E-06	1.6E-01	6.7E-01	2.5E-07
759	0.29	2.9E-07	7.4E+00	3.5E-04	1.0E-03	2.7E-06	1.6E-01	6.7E-01	2.9E-07
760	0.32	3.2E-07	8.3E+00	3.5E-04	1.0E-03	3.1E-06	1.6E-01	6.7E-01	3.2E-07
761	0.35	3.5E-07	9.2E+00	3.5E-04	1.0E-03	3.4E-06	1.6E-01	6.7E-01	3.5E-07
762	0.38	3.8E-07	9.9E+00	3.5E-04	1.0E-03	3.7E-06	1.6E-01	6.7E-01	3.8E-07
763	0.41	4.1E-07	1.1E+01	3.5E-04	1.0E-03	3.9E-06	1.6E-01	6.7E-01	4.1E-07
764	0.42	4.2E-07	1.1E+01	3.5E-04	1.0E-03	4.0E-06	1.6E-01	6.7E-01	4.2E-07
765	0.42	4.2E-07	1.1E+01	3.5E-04	1.0E-03	4.0E-06	1.6E-01	6.7E-01	4.2E-07
766	0.41	4.1E-07	1.1E+01	3.5E-04	1.0E-03	3.9E-06	1.6E-01	6.7E-01	4.1E-07
767	0.39	3.9E-07	1.0E+01	3.5E-04	1.0E-03	3.7E-06	1.6E-01	6.7E-01	3.9E-07
768	0.37	3.7E-07	9.5E+00	3.5E-04	1.0E-03	3.5E-06	1.6E-01	6.7E-01	3.7E-07
769	0.34	3.4E-07	8.8E+00	3.5E-04	1.0E-03	3.2E-06	1.6E-01	6.7E-01	3.4E-07
770	0.31	3.1E-07	8.0E+00	3.5E-04	1.0E-03	3.0E-06	1.6E-01	6.7E-01	3.1E-07
771	0.28	2.8E-07	7.3E+00	3.5E-04	1.0E-03	2.7E-06	1.6E-01	6.7E-01	2.8E-07
772	0.26	2.6E-07	6.7E+00	3.5E-04	1.0E-03	2.5E-06	1.6E-01	6.7E-01	2.6E-07
773	0.23	2.3E-07	6.1E+00	3.5E-04	1.0E-03	2.2E-06	1.6E-01	6.7E-01	2.3E-07
774	0.21	2.1E-07	5.5E+00	3.5E-04	1.0E-03	2.0E-06	1.6E-01	6.7E-01	2.1E-07

Franklin School Project
Risk From Modernization Const - Mitigated Residential

	1.35	Max							
							Onsite		
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
775	0.19	1.9E-07	5.0E+00	3.5E-04	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.9E-07
776	0.18	1.8E-07	4.5E+00	3.5E-04	1.0E-03	1.7E-06	1.6E-01	6.7E-01	1.8E-07
777	0.16	1.6E-07	4.2E+00	3.5E-04	1.0E-03	1.5E-06	1.6E-01	6.7E-01	1.6E-07
778	0.15	1.5E-07	3.8E+00	3.5E-04	1.0E-03	1.4E-06	1.6E-01	6.7E-01	1.5E-07
779	0.14	1.4E-07	3.5E+00	3.5E-04	1.0E-03	1.3E-06	1.6E-01	6.7E-01	1.4E-07
780	0.12	1.2E-07	3.2E+00	3.5E-04	1.0E-03	1.2E-06	1.6E-01	6.7E-01	1.2E-07
781	0.16	1.6E-07	4.0E+00	3.5E-04	1.0E-03	1.5E-06	1.6E-01	6.7E-01	1.6E-07
782	0.18	1.8E-07	4.5E+00	3.5E-04	1.0E-03	1.7E-06	1.6E-01	6.7E-01	1.7E-07
783	0.20	2.0E-07	5.1E+00	3.5E-04	1.0E-03	1.9E-06	1.6E-01	6.7E-01	2.0E-07
784	0.22	2.2E-07	5.7E+00	3.5E-04	1.0E-03	2.1E-06	1.6E-01	6.7E-01	2.2E-07
785	0.25	2.5E-07	6.3E+00	3.5E-04	1.0E-03	2.3E-06	1.6E-01	6.7E-01	2.4E-07
786	0.27	2.7E-07	7.0E+00	3.5E-04	1.0E-03	2.6E-06	1.6E-01	6.7E-01	2.7E-07
787	0.30	3.0E-07	7.6E+00	3.5E-04	1.0E-03	2.8E-06	1.6E-01	6.7E-01	2.9E-07
788	0.32	3.2E-07	8.2E+00	3.5E-04	1.0E-03	3.0E-06	1.6E-01	6.7E-01	3.2E-07
789	0.33	3.3E-07	8.6E+00	3.5E-04	1.0E-03	3.2E-06	1.6E-01	6.7E-01	3.3E-07
790	0.34	3.4E-07	8.9E+00	3.5E-04	1.0E-03	3.3E-06	1.6E-01	6.7E-01	3.4E-07
791	0.35	3.5E-07	8.9E+00	3.5E-04	1.0E-03	3.3E-06	1.6E-01	6.7E-01	3.5E-07
792	0.34	3.4E-07	8.8E+00	3.5E-04	1.0E-03	3.2E-06	1.6E-01	6.7E-01	3.4E-07
793	0.33	3.3E-07	8.5E+00	3.5E-04	1.0E-03	3.1E-06	1.6E-01	6.7E-01	3.3E-07
794	0.31	3.1E-07	8.1E+00	3.5E-04	1.0E-03	3.0E-06	1.6E-01	6.7E-01	3.1E-07
795	0.29	2.9E-07	7.6E+00	3.5E-04	1.0E-03	2.8E-06	1.6E-01	6.7E-01	2.9E-07
796	0.27	2.7E-07	7.1E+00	3.5E-04	1.0E-03	2.6E-06	1.6E-01	6.7E-01	2.7E-07
797	0.25	2.5E-07	6.5E+00	3.5E-04	1.0E-03	2.4E-06	1.6E-01	6.7E-01	2.5E-07
798	0.23	2.3E-07	6.0E+00	3.5E-04	1.0E-03	2.2E-06	1.6E-01	6.7E-01	2.3E-07
799	0.21	2.1E-07	5.5E+00	3.5E-04	1.0E-03	2.0E-06	1.6E-01	6.7E-01	2.1E-07
800	0.19	1.9E-07	5.0E+00	3.5E-04	1.0E-03	1.8E-06	1.6E-01	6.7E-01	1.9E-07
801	0.18	1.8E-07	4.6E+00	3.5E-04	1.0E-03	1.7E-06	1.6E-01	6.7E-01	1.8E-07
802	0.16	1.6E-07	4.2E+00	3.5E-04	1.0E-03	1.6E-06	1.6E-01	6.7E-01	1.6E-07
803	0.15	1.5E-07	3.9E+00	3.5E-04	1.0E-03	1.4E-06	1.6E-01	6.7E-01	1.5E-07
804	0.14	1.4E-07	3.6E+00	3.5E-04	1.0E-03	1.3E-06	1.6E-01	6.7E-01	1.4E-07
805	0.13	1.3E-07	3.3E+00	3.5E-04	1.0E-03	1.2E-06	1.6E-01	6.7E-01	1.3E-07
806	0.12	1.2E-07	3.0E+00	3.5E-04	1.0E-03	1.1E-06	1.6E-01	6.7E-01	1.2E-07

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
1	3.2E-01	2.4E-07	1.0E-03	8.2E-11	1.6E-01	6.7E-01	8.6E-12	3.4E-01	7.7E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.9E-11
2	3.6E-01	2.4E-07	1.0E-03	9.3E-11	1.6E-01	6.7E-01	9.8E-12	3.9E-01	7.7E-07	1.0E-03	3.2E-10	1.6E-01	6.7E-01	3.3E-11
3	4.1E-01	2.4E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11	4.5E-01	7.7E-07	1.0E-03	3.6E-10	1.6E-01	6.7E-01	3.8E-11
4	4.6E-01	2.4E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11	5.2E-01	7.7E-07	1.0E-03	4.2E-10	1.6E-01	6.7E-01	4.4E-11
5	5.1E-01	2.4E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11	5.8E-01	7.7E-07	1.0E-03	4.7E-10	1.6E-01	6.7E-01	4.9E-11
6	5.5E-01	2.4E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11	6.5E-01	7.7E-07	1.0E-03	5.2E-10	1.6E-01	6.7E-01	5.5E-11
7	6.0E-01	2.4E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11	7.1E-01	7.7E-07	1.0E-03	5.7E-10	1.6E-01	6.7E-01	6.0E-11
8	6.4E-01	2.4E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11	7.7E-01	7.7E-07	1.0E-03	6.2E-10	1.6E-01	6.7E-01	6.5E-11
9	6.9E-01	2.4E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11	8.4E-01	7.7E-07	1.0E-03	6.8E-10	1.6E-01	6.7E-01	7.1E-11
10	7.5E-01	2.4E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11	9.2E-01	7.7E-07	1.0E-03	7.4E-10	1.6E-01	6.7E-01	7.8E-11
11	8.0E-01	2.4E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.2E-11	9.9E-01	7.7E-07	1.0E-03	8.0E-10	1.6E-01	6.7E-01	8.4E-11
12	8.4E-01	2.4E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.3E-11	1.0E+00	7.7E-07	1.0E-03	8.4E-10	1.6E-01	6.7E-01	8.8E-11
13	8.5E-01	2.4E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11	1.0E+00	7.7E-07	1.0E-03	8.4E-10	1.6E-01	6.7E-01	8.8E-11
14	8.3E-01	2.4E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.2E-11	1.0E+00	7.7E-07	1.0E-03	8.2E-10	1.6E-01	6.7E-01	8.6E-11
15	7.9E-01	2.4E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11	9.5E-01	7.7E-07	1.0E-03	7.7E-10	1.6E-01	6.7E-01	8.1E-11
16	7.4E-01	2.4E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11	8.8E-01	7.7E-07	1.0E-03	7.1E-10	1.6E-01	6.7E-01	7.4E-11
17	3.8E-01	2.4E-07	1.0E-03	9.6E-11	1.6E-01	6.7E-01	1.0E-11	3.9E-01	7.7E-07	1.0E-03	3.2E-10	1.6E-01	6.7E-01	3.3E-11
18	4.4E-01	2.4E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11	4.7E-01	7.7E-07	1.0E-03	3.8E-10	1.6E-01	6.7E-01	3.9E-11
19	5.1E-01	2.4E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11	5.5E-01	7.7E-07	1.0E-03	4.5E-10	1.6E-01	6.7E-01	4.7E-11
20	5.8E-01	2.4E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11	6.5E-01	7.7E-07	1.0E-03	5.3E-10	1.6E-01	6.7E-01	5.6E-11
21	6.6E-01	2.4E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11	7.6E-01	7.7E-07	1.0E-03	6.2E-10	1.6E-01	6.7E-01	6.5E-11
22	7.3E-01	2.4E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11	8.7E-01	7.7E-07	1.0E-03	7.0E-10	1.6E-01	6.7E-01	7.4E-11
23	8.0E-01	2.4E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11	9.7E-01	7.7E-07	1.0E-03	7.9E-10	1.6E-01	6.7E-01	8.3E-11
24	8.7E-01	2.4E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.4E-11	1.1E+00	7.7E-07	1.0E-03	8.8E-10	1.6E-01	6.7E-01	9.2E-11
25	9.6E-01	2.4E-07	1.0E-03	2.5E-10	1.6E-01	6.7E-01	2.6E-11	1.2E+00	7.7E-07	1.0E-03	9.8E-10	1.6E-01	6.7E-01	1.0E-10
26	1.1E+00	2.4E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.8E-11	1.3E+00	7.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10
27	1.1E+00	2.4E-07	1.0E-03	2.8E-10	1.6E-01	6.7E-01	3.0E-11	1.4E+00	7.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10
28	1.1E+00	2.4E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.0E-11	1.4E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10
29	1.1E+00	2.4E-07	1.0E-03	2.8E-10	1.6E-01	6.7E-01	3.0E-11	1.4E+00	7.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10
30	1.0E+00	2.4E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.8E-11	1.3E+00	7.7E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10
31	9.6E-01	2.4E-07	1.0E-03	2.5E-10	1.6E-01	6.7E-01	2.6E-11	1.2E+00	7.7E-07	1.0E-03	9.3E-10	1.6E-01	6.7E-01	9.8E-11
32	8.7E-01	2.4E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11	1.0E+00	7.7E-07	1.0E-03	8.2E-10	1.6E-01	6.7E-01	8.6E-11
33	4.4E-01	2.4E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11	4.5E-01	7.7E-07	1.0E-03	3.7E-10	1.6E-01	6.7E-01	3.9E-11
34	5.3E-01	2.4E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11	5.6E-01	7.7E-07	1.0E-03	4.5E-10	1.6E-01	6.7E-01	4.7E-11
35	6.3E-01	2.4E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11	6.9E-01	7.7E-07	1.0E-03	5.5E-10	1.6E-01	6.7E-01	5.8E-11
36	7.6E-01	2.4E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11	8.5E-01	7.7E-07	1.0E-03	6.9E-10	1.6E-01	6.7E-01	7.2E-11
37	8.9E-01	2.4E-07	1.0E-03	2.3E-10	1.6E-01	6.7E-01	2.4E-11	1.0E+00	7.7E-07	1.0E-03	8.4E-10	1.6E-01	6.7E-01	8.8E-11
38	1.0E+00	2.4E-07	1.0E-03	2.6E-10	1.6E-01	6.7E-01	2.7E-11	1.2E+00	7.7E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10
39	1.1E+00	2.4E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.0E-11	1.4E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10
40	1.3E+00	2.4E-07	1.0E-03	3.2E-10	1.6E-01	6.7E-01	3.4E-11	1.6E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10
41	1.4E+00	2.4E-07	1.0E-03	3.6E-10	1.6E-01	6.7E-01	3.8E-11	1.9E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
42	1.5E+00	2.4E-07	1.0E-03	3.9E-10	1.6E-01	6.7E-01	4.1E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.7E-10
43	1.6E+00	2.4E-07	1.0E-03	4.0E-10	1.6E-01	6.7E-01	4.3E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
44	1.5E+00	2.4E-07	1.0E-03	3.9E-10	1.6E-01	6.7E-01	4.1E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
45	1.4E+00	2.4E-07	1.0E-03	3.6E-10	1.6E-01	6.7E-01	3.8E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10
46	1.3E+00	2.4E-07	1.0E-03	3.3E-10	1.6E-01	6.7E-01	3.4E-11	1.6E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10
47	1.1E+00	2.4E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.0E-11	1.3E+00	7.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10
48	9.8E-01	2.4E-07	1.0E-03	2.5E-10	1.6E-01	6.7E-01	2.6E-11	1.1E+00	7.7E-07	1.0E-03	9.2E-10	1.6E-01	6.7E-01	9.7E-11
49	5.2E-01	2.4E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11	5.2E-01	7.7E-07	1.0E-03	4.2E-10	1.6E-01	6.7E-01	4.4E-11
50	6.4E-01	2.4E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11	6.6E-01	7.7E-07	1.0E-03	5.3E-10	1.6E-01	6.7E-01	5.6E-11
51	8.1E-01	2.4E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.2E-11	8.6E-01	7.7E-07	1.0E-03	6.9E-10	1.6E-01	6.7E-01	7.3E-11
52	1.0E+00	2.4E-07	1.0E-03	2.6E-10	1.6E-01	6.7E-01	2.7E-11	1.1E+00	7.7E-07	1.0E-03	9.1E-10	1.6E-01	6.7E-01	9.6E-11
53	1.3E+00	2.4E-07	1.0E-03	3.2E-10	1.6E-01	6.7E-01	3.4E-11	1.5E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10
54	1.5E+00	2.4E-07	1.0E-03	3.8E-10	1.6E-01	6.7E-01	4.0E-11	1.9E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
55	1.7E+00	2.4E-07	1.0E-03	4.5E-10	1.6E-01	6.7E-01	4.7E-11	2.3E+00	7.7E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10
56	2.0E+00	2.4E-07	1.0E-03	5.2E-10	1.6E-01	6.7E-01	5.4E-11	2.8E+00	7.7E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.4E-10
57	2.3E+00	2.4E-07	1.0E-03	5.8E-10	1.6E-01	6.7E-01	6.1E-11	3.2E+00	7.7E-07	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10
58	2.4E+00	2.4E-07	1.0E-03	6.1E-10	1.6E-01	6.7E-01	6.4E-11	3.4E+00	7.7E-07	1.0E-03	2.7E-09	1.6E-01	6.7E-01	2.8E-10
59	2.3E+00	2.4E-07	1.0E-03	5.8E-10	1.6E-01	6.7E-01	6.1E-11	3.1E+00	7.7E-07	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.7E-10
60	2.1E+00	2.4E-07	1.0E-03	5.3E-10	1.6E-01	6.7E-01	5.5E-11	2.7E+00	7.7E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10
61	1.8E+00	2.4E-07	1.0E-03	4.6E-10	1.6E-01	6.7E-01	4.8E-11	2.3E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
62	1.5E+00	2.4E-07	1.0E-03	3.9E-10	1.6E-01	6.7E-01	4.1E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
63	1.3E+00	2.4E-07	1.0E-03	3.3E-10	1.6E-01	6.7E-01	3.4E-11	1.5E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10
64	1.1E+00	2.4E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.9E-11	1.2E+00	7.7E-07	1.0E-03	9.8E-10	1.6E-01	6.7E-01	1.0E-10
65	6.0E-01	2.4E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11	5.9E-01	7.7E-07	1.0E-03	4.8E-10	1.6E-01	6.7E-01	5.0E-11
66	7.8E-01	2.4E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11	7.8E-01	7.7E-07	1.0E-03	6.3E-10	1.6E-01	6.7E-01	6.6E-11
67	1.0E+00	2.4E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.8E-11	1.1E+00	7.7E-07	1.0E-03	8.6E-10	1.6E-01	6.7E-01	9.1E-11
68	1.4E+00	2.4E-07	1.0E-03	3.6E-10	1.6E-01	6.7E-01	3.8E-11	1.5E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10
69	1.9E+00	2.4E-07	1.0E-03	4.9E-10	1.6E-01	6.7E-01	5.1E-11	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
70	2.5E+00	2.4E-07	1.0E-03	6.3E-10	1.6E-01	6.7E-01	6.6E-11	3.3E+00	7.7E-07	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.8E-10
71	3.0E+00	2.4E-07	1.0E-03	7.8E-10	1.6E-01	6.7E-01	8.2E-11	4.5E+00	7.7E-07	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.8E-10
72	3.6E+00	2.4E-07	1.0E-03	9.3E-10	1.6E-01	6.7E-01	9.8E-11	5.6E+00	7.7E-07	1.0E-03	4.6E-09	1.6E-01	6.7E-01	4.8E-10
73	3.9E+00	2.4E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	6.2E+00	7.7E-07	1.0E-03	5.0E-09	1.6E-01	6.7E-01	5.3E-10
74	3.7E+00	2.4E-07	1.0E-03	9.5E-10	1.6E-01	6.7E-01	1.0E-10	5.6E+00	7.7E-07	1.0E-03	4.5E-09	1.6E-01	6.7E-01	4.8E-10
75	3.2E+00	2.4E-07	1.0E-03	8.2E-10	1.6E-01	6.7E-01	8.6E-11	4.5E+00	7.7E-07	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.8E-10
76	2.6E+00	2.4E-07	1.0E-03	6.7E-10	1.6E-01	6.7E-01	7.1E-11	3.4E+00	7.7E-07	1.0E-03	2.8E-09	1.6E-01	6.7E-01	2.9E-10
77	2.1E+00	2.4E-07	1.0E-03	5.4E-10	1.6E-01	6.7E-01	5.7E-11	2.6E+00	7.7E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10
78	1.7E+00	2.4E-07	1.0E-03	4.3E-10	1.6E-01	6.7E-01	4.5E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
79	1.4E+00	2.4E-07	1.0E-03	3.5E-10	1.6E-01	6.7E-01	3.7E-11	1.5E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10
80	1.1E+00	2.4E-07	1.0E-03	2.8E-10	1.6E-01	6.7E-01	3.0E-11	1.2E+00	7.7E-07	1.0E-03	9.9E-10	1.6E-01	6.7E-01	1.0E-10
81	6.8E-01	2.4E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.8E-11	6.5E-01	7.7E-07	1.0E-03	5.2E-10	1.6E-01	6.7E-01	5.5E-11
82	9.3E-01	2.4E-07	1.0E-03	2.4E-10	1.6E-01	6.7E-01	2.5E-11	8.8E-01	7.7E-07	1.0E-03	7.1E-10	1.6E-01	6.7E-01	7.5E-11
83	1.3E+00	2.4E-07	1.0E-03	3.4E-10	1.6E-01	6.7E-01	3.5E-11	1.3E+00	7.7E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10
84	2.0E+00	2.4E-07	1.0E-03	5.1E-10	1.6E-01	6.7E-01	5.3E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
85	3.1E+00	2.4E-07	1.0E-03	7.9E-10	1.6E-01	6.7E-01	8.3E-11	3.5E+00	7.7E-07	1.0E-03	2.8E-09	1.6E-01	6.7E-01	2.9E-10
86	4.8E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	6.5E+00	7.7E-07	1.0E-03	5.2E-09	1.6E-01	6.7E-01	5.5E-10

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
87	6.6E+00	2.4E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	1.1E+01	7.7E-07	1.0E-03	9.1E-09	1.6E-01	6.7E-01	9.6E-10
88	7.9E+00	2.4E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	1.5E+01	7.7E-07	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.3E-09
89	7.2E+00	2.4E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	1.3E+01	7.7E-07	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09
90	5.6E+00	2.4E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10	8.7E+00	7.7E-07	1.0E-03	7.1E-09	1.6E-01	6.7E-01	7.4E-10
91	4.2E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10	5.7E+00	7.7E-07	1.0E-03	4.6E-09	1.6E-01	6.7E-01	4.9E-10
92	3.1E+00	2.4E-07	1.0E-03	7.9E-10	1.6E-01	6.7E-01	8.3E-11	3.9E+00	7.7E-07	1.0E-03	3.1E-09	1.6E-01	6.7E-01	3.3E-10
93	2.3E+00	2.4E-07	1.0E-03	5.9E-10	1.6E-01	6.7E-01	6.2E-11	2.7E+00	7.7E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10
94	1.8E+00	2.4E-07	1.0E-03	4.5E-10	1.6E-01	6.7E-01	4.7E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
95	1.4E+00	2.4E-07	1.0E-03	3.5E-10	1.6E-01	6.7E-01	3.7E-11	1.5E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10
96	1.1E+00	2.4E-07	1.0E-03	2.8E-10	1.6E-01	6.7E-01	2.9E-11	1.2E+00	7.7E-07	1.0E-03	9.3E-10	1.6E-01	6.7E-01	9.8E-11
97	7.5E-01	2.4E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11	6.8E-01	7.7E-07	1.0E-03	5.5E-10	1.6E-01	6.7E-01	5.8E-11
98	1.1E+00	2.4E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.8E-11	9.5E-01	7.7E-07	1.0E-03	7.7E-10	1.6E-01	6.7E-01	8.0E-11
99	1.6E+00	2.4E-07	1.0E-03	4.1E-10	1.6E-01	6.7E-01	4.3E-11	1.4E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10
100	2.7E+00	2.4E-07	1.0E-03	6.9E-10	1.6E-01	6.7E-01	7.3E-11	2.5E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
101	5.2E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	5.0E+00	7.7E-07	1.0E-03	4.0E-09	1.6E-01	6.7E-01	4.3E-10
102	1.2E+01	2.4E-07	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.1E-10	1.4E+01	7.7E-07	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.2E-09
103	2.3E+01	2.4E-07	1.0E-03	6.0E-09	1.6E-01	6.7E-01	6.3E-10	5.4E+01	7.7E-07	1.0E-03	4.3E-08	1.6E-01	6.7E-01	4.6E-09
104	2.0E+01	2.4E-07	1.0E-03	5.1E-09	1.6E-01	6.7E-01	5.4E-10	6.1E+01	7.7E-07	1.0E-03	4.9E-08	1.6E-01	6.7E-01	5.1E-09
105	1.2E+01	2.4E-07	1.0E-03	3.1E-09	1.6E-01	6.7E-01	3.3E-10	2.4E+01	7.7E-07	1.0E-03	1.9E-08	1.6E-01	6.7E-01	2.0E-09
106	7.4E+00	2.4E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	1.1E+01	7.7E-07	1.0E-03	8.8E-09	1.6E-01	6.7E-01	9.3E-10
107	4.7E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	6.0E+00	7.7E-07	1.0E-03	4.9E-09	1.6E-01	6.7E-01	5.1E-10
108	3.2E+00	2.4E-07	1.0E-03	8.2E-10	1.6E-01	6.7E-01	8.6E-11	3.8E+00	7.7E-07	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.2E-10
109	2.3E+00	2.4E-07	1.0E-03	5.8E-10	1.6E-01	6.7E-01	6.1E-11	2.5E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
110	1.7E+00	2.4E-07	1.0E-03	4.3E-10	1.6E-01	6.7E-01	4.5E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10
111	1.3E+00	2.4E-07	1.0E-03	3.3E-10	1.6E-01	6.7E-01	3.5E-11	1.3E+00	7.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10
112	1.0E+00	2.4E-07	1.0E-03	2.6E-10	1.6E-01	6.7E-01	2.7E-11	1.0E+00	7.7E-07	1.0E-03	8.4E-10	1.6E-01	6.7E-01	8.8E-11
113	7.9E-01	2.4E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11	6.9E-01	7.7E-07	1.0E-03	5.5E-10	1.6E-01	6.7E-01	5.8E-11
114	1.1E+00	2.4E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.1E-11	9.7E-01	7.7E-07	1.0E-03	7.8E-10	1.6E-01	6.7E-01	8.2E-11
115	1.8E+00	2.4E-07	1.0E-03	4.6E-10	1.6E-01	6.7E-01	4.9E-11	1.5E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10
116	3.3E+00	2.4E-07	1.0E-03	8.4E-10	1.6E-01	6.7E-01	8.8E-11	2.6E+00	7.7E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10
117	7.6E+00	2.4E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	5.5E+00	7.7E-07	1.0E-03	4.4E-09	1.6E-01	6.7E-01	4.6E-10
118	7.7E+00	2.4E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	9.6E+00	7.7E-07	1.0E-03	7.7E-09	1.6E-01	6.7E-01	8.1E-10
119	4.5E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10	5.1E+00	7.7E-07	1.0E-03	4.1E-09	1.6E-01	6.7E-01	4.3E-10
120	3.0E+00	2.4E-07	1.0E-03	7.6E-10	1.6E-01	6.7E-01	7.9E-11	3.2E+00	7.7E-07	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10
121	2.1E+00	2.4E-07	1.0E-03	5.3E-10	1.6E-01	6.7E-01	5.5E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
122	1.5E+00	2.4E-07	1.0E-03	3.9E-10	1.6E-01	6.7E-01	4.0E-11	1.5E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10
123	1.1E+00	2.4E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.1E-11	1.2E+00	7.7E-07	1.0E-03	9.4E-10	1.6E-01	6.7E-01	9.9E-11
124	9.0E-01	2.4E-07	1.0E-03	2.3E-10	1.6E-01	6.7E-01	2.4E-11	9.0E-01	7.7E-07	1.0E-03	7.3E-10	1.6E-01	6.7E-01	7.7E-11
125	7.8E-01	2.4E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11	6.6E-01	7.7E-07	1.0E-03	5.3E-10	1.6E-01	6.7E-01	5.6E-11
126	1.1E+00	2.4E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.0E-11	9.1E-01	7.7E-07	1.0E-03	7.4E-10	1.6E-01	6.7E-01	7.7E-11
127	1.8E+00	2.4E-07	1.0E-03	4.6E-10	1.6E-01	6.7E-01	4.8E-11	1.4E+00	7.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10
128	3.3E+00	2.4E-07	1.0E-03	8.4E-10	1.6E-01	6.7E-01	8.8E-11	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
129	7.4E+00	2.4E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	4.1E+00	7.7E-07	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.5E-10

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
130	6.3E+00	2.4E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	6.4E+00	7.7E-07	1.0E-03	5.2E-09	1.6E-01	6.7E-01	5.5E-10
131	3.7E+00	2.4E-07	1.0E-03	9.6E-10	1.6E-01	6.7E-01	1.0E-10	3.9E+00	7.7E-07	1.0E-03	3.1E-09	1.6E-01	6.7E-01	3.3E-10
132	2.4E+00	2.4E-07	1.0E-03	6.2E-10	1.6E-01	6.7E-01	6.6E-11	2.5E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
133	1.7E+00	2.4E-07	1.0E-03	4.5E-10	1.6E-01	6.7E-01	4.7E-11	1.8E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
134	1.3E+00	2.4E-07	1.0E-03	3.3E-10	1.6E-01	6.7E-01	3.5E-11	1.3E+00	7.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10
135	9.9E-01	2.4E-07	1.0E-03	2.5E-10	1.6E-01	6.7E-01	2.7E-11	9.9E-01	7.7E-07	1.0E-03	8.0E-10	1.6E-01	6.7E-01	8.4E-11
136	7.8E-01	2.4E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11	7.8E-01	7.7E-07	1.0E-03	6.3E-10	1.6E-01	6.7E-01	6.7E-11
137	7.4E-01	2.4E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11	6.1E-01	7.7E-07	1.0E-03	4.9E-10	1.6E-01	6.7E-01	5.2E-11
138	1.0E+00	2.4E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.8E-11	8.2E-01	7.7E-07	1.0E-03	6.6E-10	1.6E-01	6.7E-01	6.9E-11
139	1.6E+00	2.4E-07	1.0E-03	4.0E-10	1.6E-01	6.7E-01	4.2E-11	1.1E+00	7.7E-07	1.0E-03	9.3E-10	1.6E-01	6.7E-01	9.7E-11
140	2.7E+00	2.4E-07	1.0E-03	6.9E-10	1.6E-01	6.7E-01	7.2E-11	1.7E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
141	5.0E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10	2.7E+00	7.7E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10
142	4.5E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10	4.2E+00	7.7E-07	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.5E-10
143	2.9E+00	2.4E-07	1.0E-03	7.3E-10	1.6E-01	6.7E-01	7.7E-11	2.8E+00	7.7E-07	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10
144	2.0E+00	2.4E-07	1.0E-03	5.0E-10	1.6E-01	6.7E-01	5.3E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
145	1.5E+00	2.4E-07	1.0E-03	3.7E-10	1.6E-01	6.7E-01	3.9E-11	1.5E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10
146	1.1E+00	2.4E-07	1.0E-03	2.8E-10	1.6E-01	6.7E-01	3.0E-11	1.1E+00	7.7E-07	1.0E-03	9.0E-10	1.6E-01	6.7E-01	9.5E-11
147	8.6E-01	2.4E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11	8.7E-01	7.7E-07	1.0E-03	7.0E-10	1.6E-01	6.7E-01	7.4E-11
148	6.9E-01	2.4E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.8E-11	6.9E-01	7.7E-07	1.0E-03	5.6E-10	1.6E-01	6.7E-01	5.9E-11
149	6.7E-01	2.4E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11	5.4E-01	7.7E-07	1.0E-03	4.4E-10	1.6E-01	6.7E-01	4.6E-11
150	9.0E-01	2.4E-07	1.0E-03	2.3E-10	1.6E-01	6.7E-01	2.4E-11	7.0E-01	7.7E-07	1.0E-03	5.6E-10	1.6E-01	6.7E-01	5.9E-11
151	1.3E+00	2.4E-07	1.0E-03	3.3E-10	1.6E-01	6.7E-01	3.5E-11	9.4E-01	7.7E-07	1.0E-03	7.6E-10	1.6E-01	6.7E-01	8.0E-11
152	2.0E+00	2.4E-07	1.0E-03	5.0E-10	1.6E-01	6.7E-01	5.3E-11	1.3E+00	7.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10
153	3.1E+00	2.4E-07	1.0E-03	8.0E-10	1.6E-01	6.7E-01	8.4E-11	1.9E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
154	3.3E+00	2.4E-07	1.0E-03	8.5E-10	1.6E-01	6.7E-01	9.0E-11	3.0E+00	7.7E-07	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10
155	2.3E+00	2.4E-07	1.0E-03	5.8E-10	1.6E-01	6.7E-01	6.1E-11	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
156	1.6E+00	2.4E-07	1.0E-03	4.1E-10	1.6E-01	6.7E-01	4.3E-11	1.6E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10
157	1.2E+00	2.4E-07	1.0E-03	3.2E-10	1.6E-01	6.7E-01	3.4E-11	1.3E+00	7.7E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10
158	9.6E-01	2.4E-07	1.0E-03	2.5E-10	1.6E-01	6.7E-01	2.6E-11	9.8E-01	7.7E-07	1.0E-03	7.9E-10	1.6E-01	6.7E-01	8.3E-11
159	7.6E-01	2.4E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11	7.8E-01	7.7E-07	1.0E-03	6.3E-10	1.6E-01	6.7E-01	6.6E-11
160	6.1E-01	2.4E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.6E-11	6.3E-01	7.7E-07	1.0E-03	5.1E-10	1.6E-01	6.7E-01	5.3E-11
161	5.9E-01	2.4E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11	4.7E-01	7.7E-07	1.0E-03	3.8E-10	1.6E-01	6.7E-01	4.0E-11
162	7.6E-01	2.4E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11	5.9E-01	7.7E-07	1.0E-03	4.8E-10	1.6E-01	6.7E-01	5.0E-11
163	1.0E+00	2.4E-07	1.0E-03	2.6E-10	1.6E-01	6.7E-01	2.7E-11	7.6E-01	7.7E-07	1.0E-03	6.1E-10	1.6E-01	6.7E-01	6.4E-11
164	1.4E+00	2.4E-07	1.0E-03	3.7E-10	1.6E-01	6.7E-01	3.8E-11	1.0E+00	7.7E-07	1.0E-03	8.1E-10	1.6E-01	6.7E-01	8.5E-11
165	2.1E+00	2.4E-07	1.0E-03	5.4E-10	1.6E-01	6.7E-01	5.7E-11	1.4E+00	7.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10
166	2.9E+00	2.4E-07	1.0E-03	7.5E-10	1.6E-01	6.7E-01	7.9E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10
167	3.6E+00	2.4E-07	1.0E-03	9.2E-10	1.6E-01	6.7E-01	9.6E-11	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
168	3.6E+00	2.4E-07	1.0E-03	9.3E-10	1.6E-01	6.7E-01	9.8E-11	2.5E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
169	3.1E+00	2.4E-07	1.0E-03	8.1E-10	1.6E-01	6.7E-01	8.5E-11	2.4E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.0E-10
170	2.5E+00	2.4E-07	1.0E-03	6.3E-10	1.6E-01	6.7E-01	6.6E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
171	1.9E+00	2.4E-07	1.0E-03	4.8E-10	1.6E-01	6.7E-01	5.0E-11	1.7E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
172	1.3E+00	2.4E-07	1.0E-03	3.4E-10	1.6E-01	6.7E-01	3.6E-11	1.3E+00	7.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
173	1.0E+00	2.4E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.8E-11	1.1E+00	7.7E-07	1.0E-03	8.5E-10	1.6E-01	6.7E-01	8.9E-11
174	8.5E-01	2.4E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11	8.7E-01	7.7E-07	1.0E-03	7.1E-10	1.6E-01	6.7E-01	7.4E-11
175	6.8E-01	2.4E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.8E-11	7.0E-01	7.7E-07	1.0E-03	5.7E-10	1.6E-01	6.7E-01	6.0E-11
176	5.6E-01	2.4E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11	5.7E-01	7.7E-07	1.0E-03	4.6E-10	1.6E-01	6.7E-01	4.9E-11
177	5.1E-01	2.4E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11	4.1E-01	7.7E-07	1.0E-03	3.3E-10	1.6E-01	6.7E-01	3.5E-11
178	6.4E-01	2.4E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11	5.0E-01	7.7E-07	1.0E-03	4.1E-10	1.6E-01	6.7E-01	4.3E-11
179	8.2E-01	2.4E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.2E-11	6.2E-01	7.7E-07	1.0E-03	5.0E-10	1.6E-01	6.7E-01	5.3E-11
180	1.1E+00	2.4E-07	1.0E-03	2.8E-10	1.6E-01	6.7E-01	2.9E-11	8.0E-01	7.7E-07	1.0E-03	6.4E-10	1.6E-01	6.7E-01	6.7E-11
181	1.5E+00	2.4E-07	1.0E-03	3.8E-10	1.6E-01	6.7E-01	4.0E-11	1.0E+00	7.7E-07	1.0E-03	8.3E-10	1.6E-01	6.7E-01	8.7E-11
182	1.9E+00	2.4E-07	1.0E-03	4.8E-10	1.6E-01	6.7E-01	5.1E-11	1.3E+00	7.7E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10
183	2.2E+00	2.4E-07	1.0E-03	5.7E-10	1.6E-01	6.7E-01	5.9E-11	1.5E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10
184	2.3E+00	2.4E-07	1.0E-03	5.9E-10	1.6E-01	6.7E-01	6.2E-11	1.7E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10
185	2.2E+00	2.4E-07	1.0E-03	5.5E-10	1.6E-01	6.7E-01	5.8E-11	1.7E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.4E-10
186	1.8E+00	2.4E-07	1.0E-03	4.7E-10	1.6E-01	6.7E-01	4.9E-11	1.6E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10
187	1.5E+00	2.4E-07	1.0E-03	3.8E-10	1.6E-01	6.7E-01	4.0E-11	1.4E+00	7.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10
188	1.2E+00	2.4E-07	1.0E-03	3.0E-10	1.6E-01	6.7E-01	3.2E-11	1.1E+00	7.7E-07	1.0E-03	9.2E-10	1.6E-01	6.7E-01	9.6E-11
189	9.0E-01	2.4E-07	1.0E-03	2.3E-10	1.6E-01	6.7E-01	2.4E-11	9.0E-01	7.7E-07	1.0E-03	7.2E-10	1.6E-01	6.7E-01	7.6E-11
190	7.6E-01	2.4E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11	7.7E-01	7.7E-07	1.0E-03	6.2E-10	1.6E-01	6.7E-01	6.5E-11
191	6.3E-01	2.4E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11	6.4E-01	7.7E-07	1.0E-03	5.2E-10	1.6E-01	6.7E-01	5.4E-11
192	5.2E-01	2.4E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11	5.3E-01	7.7E-07	1.0E-03	4.3E-10	1.6E-01	6.7E-01	4.5E-11
193	4.4E-01	2.4E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11	3.6E-01	7.7E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.1E-11
194	5.4E-01	2.4E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11	4.3E-01	7.7E-07	1.0E-03	3.5E-10	1.6E-01	6.7E-01	3.7E-11
195	6.7E-01	2.4E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11	5.3E-01	7.7E-07	1.0E-03	4.2E-10	1.6E-01	6.7E-01	4.5E-11
196	8.6E-01	2.4E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11	6.5E-01	7.7E-07	1.0E-03	5.2E-10	1.6E-01	6.7E-01	5.5E-11
197	1.1E+00	2.4E-07	1.0E-03	2.8E-10	1.6E-01	6.7E-01	2.9E-11	8.0E-01	7.7E-07	1.0E-03	6.5E-10	1.6E-01	6.7E-01	6.8E-11
198	1.3E+00	2.4E-07	1.0E-03	3.4E-10	1.6E-01	6.7E-01	3.5E-11	9.6E-01	7.7E-07	1.0E-03	7.7E-10	1.6E-01	6.7E-01	8.1E-11
199	1.5E+00	2.4E-07	1.0E-03	3.8E-10	1.6E-01	6.7E-01	4.0E-11	1.1E+00	7.7E-07	1.0E-03	8.9E-10	1.6E-01	6.7E-01	9.3E-11
200	1.6E+00	2.4E-07	1.0E-03	4.1E-10	1.6E-01	6.7E-01	4.3E-11	1.2E+00	7.7E-07	1.0E-03	9.7E-10	1.6E-01	6.7E-01	1.0E-10
201	1.5E+00	2.4E-07	1.0E-03	3.9E-10	1.6E-01	6.7E-01	4.1E-11	1.2E+00	7.7E-07	1.0E-03	9.8E-10	1.6E-01	6.7E-01	1.0E-10
202	1.4E+00	2.4E-07	1.0E-03	3.5E-10	1.6E-01	6.7E-01	3.7E-11	1.2E+00	7.7E-07	1.0E-03	9.3E-10	1.6E-01	6.7E-01	9.8E-11
203	1.1E+00	2.4E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.1E-11	1.0E+00	7.7E-07	1.0E-03	8.3E-10	1.6E-01	6.7E-01	8.7E-11
204	9.7E-01	2.4E-07	1.0E-03	2.5E-10	1.6E-01	6.7E-01	2.6E-11	9.0E-01	7.7E-07	1.0E-03	7.3E-10	1.6E-01	6.7E-01	7.7E-11
205	8.0E-01	2.4E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.2E-11	7.8E-01	7.7E-07	1.0E-03	6.3E-10	1.6E-01	6.7E-01	6.6E-11
206	6.5E-01	2.4E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.7E-11	6.4E-01	7.7E-07	1.0E-03	5.2E-10	1.6E-01	6.7E-01	5.5E-11
207	5.7E-01	2.4E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.5E-11	5.7E-01	7.7E-07	1.0E-03	4.6E-10	1.6E-01	6.7E-01	4.9E-11
208	4.8E-01	2.4E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11	4.9E-01	7.7E-07	1.0E-03	3.9E-10	1.6E-01	6.7E-01	4.1E-11
209	3.8E-01	2.4E-07	1.0E-03	9.8E-11	1.6E-01	6.7E-01	1.0E-11	3.2E-01	7.7E-07	1.0E-03	2.6E-10	1.6E-01	6.7E-01	2.7E-11
210	4.6E-01	2.4E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11	3.7E-01	7.7E-07	1.0E-03	3.0E-10	1.6E-01	6.7E-01	3.2E-11
211	5.6E-01	2.4E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11	4.5E-01	7.7E-07	1.0E-03	3.6E-10	1.6E-01	6.7E-01	3.8E-11
212	6.8E-01	2.4E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.8E-11	5.3E-01	7.7E-07	1.0E-03	4.3E-10	1.6E-01	6.7E-01	4.5E-11
213	8.3E-01	2.4E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.2E-11	6.4E-01	7.7E-07	1.0E-03	5.1E-10	1.6E-01	6.7E-01	5.4E-11
214	9.7E-01	2.4E-07	1.0E-03	2.5E-10	1.6E-01	6.7E-01	2.6E-11	7.4E-01	7.7E-07	1.0E-03	6.0E-10	1.6E-01	6.7E-01	6.3E-11
215	1.1E+00	2.4E-07	1.0E-03	2.8E-10	1.6E-01	6.7E-01	2.9E-11	8.4E-01	7.7E-07	1.0E-03	6.8E-10	1.6E-01	6.7E-01	7.1E-11

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
216	1.1E+00	2.4E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.1E-11	9.0E-01	7.7E-07	1.0E-03	7.2E-10	1.6E-01	6.7E-01	7.6E-11
217	1.1E+00	2.4E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.0E-11	9.2E-01	7.7E-07	1.0E-03	7.4E-10	1.6E-01	6.7E-01	7.8E-11
218	1.1E+00	2.4E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.8E-11	8.9E-01	7.7E-07	1.0E-03	7.2E-10	1.6E-01	6.7E-01	7.6E-11
219	9.6E-01	2.4E-07	1.0E-03	2.4E-10	1.6E-01	6.7E-01	2.6E-11	8.4E-01	7.7E-07	1.0E-03	6.8E-10	1.6E-01	6.7E-01	7.1E-11
220	8.4E-01	2.4E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11	7.7E-01	7.7E-07	1.0E-03	6.2E-10	1.6E-01	6.7E-01	6.5E-11
221	7.2E-01	2.4E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11	6.8E-01	7.7E-07	1.0E-03	5.5E-10	1.6E-01	6.7E-01	5.8E-11
222	5.8E-01	2.4E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.5E-11	5.6E-01	7.7E-07	1.0E-03	4.5E-10	1.6E-01	6.7E-01	4.8E-11
223	4.9E-01	2.4E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11	4.9E-01	7.7E-07	1.0E-03	3.9E-10	1.6E-01	6.7E-01	4.1E-11
224	4.4E-01	2.4E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11	4.5E-01	7.7E-07	1.0E-03	3.6E-10	1.6E-01	6.7E-01	3.8E-11
225	3.4E-01	2.4E-07	1.0E-03	8.6E-11	1.6E-01	6.7E-01	9.0E-12	2.8E-01	7.7E-07	1.0E-03	2.3E-10	1.6E-01	6.7E-01	2.4E-11
226	4.0E-01	2.4E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11	3.3E-01	7.7E-07	1.0E-03	2.6E-10	1.6E-01	6.7E-01	2.8E-11
227	4.7E-01	2.4E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11	3.8E-01	7.7E-07	1.0E-03	3.1E-10	1.6E-01	6.7E-01	3.2E-11
228	5.6E-01	2.4E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11	4.5E-01	7.7E-07	1.0E-03	3.6E-10	1.6E-01	6.7E-01	3.8E-11
229	6.5E-01	2.4E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11	5.2E-01	7.7E-07	1.0E-03	4.2E-10	1.6E-01	6.7E-01	4.4E-11
230	7.5E-01	2.4E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11	5.9E-01	7.7E-07	1.0E-03	4.8E-10	1.6E-01	6.7E-01	5.0E-11
231	8.3E-01	2.4E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.2E-11	6.6E-01	7.7E-07	1.0E-03	5.3E-10	1.6E-01	6.7E-01	5.6E-11
232	8.7E-01	2.4E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11	7.0E-01	7.7E-07	1.0E-03	5.7E-10	1.6E-01	6.7E-01	6.0E-11
233	8.7E-01	2.4E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11	7.2E-01	7.7E-07	1.0E-03	5.8E-10	1.6E-01	6.7E-01	6.1E-11
234	8.4E-01	2.4E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.3E-11	7.1E-01	7.7E-07	1.0E-03	5.8E-10	1.6E-01	6.7E-01	6.1E-11
235	7.8E-01	2.4E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11	6.9E-01	7.7E-07	1.0E-03	5.5E-10	1.6E-01	6.7E-01	5.8E-11
236	7.1E-01	2.4E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11	6.4E-01	7.7E-07	1.0E-03	5.2E-10	1.6E-01	6.7E-01	5.4E-11
237	6.2E-01	2.4E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11	5.8E-01	7.7E-07	1.0E-03	4.7E-10	1.6E-01	6.7E-01	4.9E-11
238	5.4E-01	2.4E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11	5.2E-01	7.7E-07	1.0E-03	4.2E-10	1.6E-01	6.7E-01	4.4E-11
239	4.4E-01	2.4E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11	4.3E-01	7.7E-07	1.0E-03	3.5E-10	1.6E-01	6.7E-01	3.7E-11
240	3.8E-01	2.4E-07	1.0E-03	9.8E-11	1.6E-01	6.7E-01	1.0E-11	3.8E-01	7.7E-07	1.0E-03	3.1E-10	1.6E-01	6.7E-01	3.2E-11
241	2.9E-01	2.4E-07	1.0E-03	7.5E-11	1.6E-01	6.7E-01	7.9E-12	2.5E-01	7.7E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11
242	3.4E-01	2.4E-07	1.0E-03	8.7E-11	1.6E-01	6.7E-01	9.2E-12	2.9E-01	7.7E-07	1.0E-03	2.3E-10	1.6E-01	6.7E-01	2.4E-11
243	4.0E-01	2.4E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11	3.3E-01	7.7E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.8E-11
244	4.6E-01	2.4E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11	3.8E-01	7.7E-07	1.0E-03	3.1E-10	1.6E-01	6.7E-01	3.2E-11
245	5.3E-01	2.4E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11	4.3E-01	7.7E-07	1.0E-03	3.5E-10	1.6E-01	6.7E-01	3.7E-11
246	6.0E-01	2.4E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11	4.9E-01	7.7E-07	1.0E-03	3.9E-10	1.6E-01	6.7E-01	4.1E-11
247	6.5E-01	2.4E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11	5.3E-01	7.7E-07	1.0E-03	4.3E-10	1.6E-01	6.7E-01	4.5E-11
248	6.8E-01	2.4E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11	5.6E-01	7.7E-07	1.0E-03	4.6E-10	1.6E-01	6.7E-01	4.8E-11
249	6.9E-01	2.4E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11	5.8E-01	7.7E-07	1.0E-03	4.7E-10	1.6E-01	6.7E-01	4.9E-11
250	6.7E-01	2.4E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11	5.8E-01	7.7E-07	1.0E-03	4.7E-10	1.6E-01	6.7E-01	4.9E-11
251	6.4E-01	2.4E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11	5.6E-01	7.7E-07	1.0E-03	4.5E-10	1.6E-01	6.7E-01	4.8E-11
252	5.9E-01	2.4E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11	5.3E-01	7.7E-07	1.0E-03	4.3E-10	1.6E-01	6.7E-01	4.5E-11
253	5.4E-01	2.4E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11	5.0E-01	7.7E-07	1.0E-03	4.0E-10	1.6E-01	6.7E-01	4.2E-11
254	4.8E-01	2.4E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11	4.5E-01	7.7E-07	1.0E-03	3.7E-10	1.6E-01	6.7E-01	3.9E-11
255	4.2E-01	2.4E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11	4.0E-01	7.7E-07	1.0E-03	3.3E-10	1.6E-01	6.7E-01	3.4E-11
256	3.5E-01	2.4E-07	1.0E-03	8.9E-11	1.6E-01	6.7E-01	9.3E-12	3.4E-01	7.7E-07	1.0E-03	2.8E-10	1.6E-01	6.7E-01	2.9E-11
257	2.6E-01	2.4E-07	1.0E-03	6.6E-11	1.6E-01	6.7E-01	7.0E-12	2.2E-01	7.7E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11
258	3.0E-01	2.4E-07	1.0E-03	7.6E-11	1.6E-01	6.7E-01	8.0E-12	2.5E-01	7.7E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
259	3.4E-01	2.4E-07	1.0E-03	8.7E-11	1.6E-01	6.7E-01	9.1E-12	2.9E-01	7.7E-07	1.0E-03	2.3E-10	1.6E-01	6.7E-01	2.4E-11
260	3.9E-01	2.4E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.0E-11	3.3E-01	7.7E-07	1.0E-03	2.6E-10	1.6E-01	6.7E-01	2.8E-11
261	4.4E-01	2.4E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11	3.7E-01	7.7E-07	1.0E-03	3.0E-10	1.6E-01	6.7E-01	3.1E-11
262	4.9E-01	2.4E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11	4.0E-01	7.7E-07	1.0E-03	3.3E-10	1.6E-01	6.7E-01	3.4E-11
263	5.3E-01	2.4E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11	4.4E-01	7.7E-07	1.0E-03	3.5E-10	1.6E-01	6.7E-01	3.7E-11
264	5.5E-01	2.4E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11	4.6E-01	7.7E-07	1.0E-03	3.7E-10	1.6E-01	6.7E-01	3.9E-11
265	5.6E-01	2.4E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11	4.8E-01	7.7E-07	1.0E-03	3.8E-10	1.6E-01	6.7E-01	4.0E-11
266	5.5E-01	2.4E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11	4.8E-01	7.7E-07	1.0E-03	3.9E-10	1.6E-01	6.7E-01	4.1E-11
267	5.3E-01	2.4E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11	4.7E-01	7.7E-07	1.0E-03	3.8E-10	1.6E-01	6.7E-01	4.0E-11
268	5.0E-01	2.4E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.3E-11	4.5E-01	7.7E-07	1.0E-03	3.6E-10	1.6E-01	6.7E-01	3.8E-11
269	4.6E-01	2.4E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11	4.3E-01	7.7E-07	1.0E-03	3.4E-10	1.6E-01	6.7E-01	3.6E-11
270	4.2E-01	2.4E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11	4.0E-01	7.7E-07	1.0E-03	3.2E-10	1.6E-01	6.7E-01	3.4E-11
271	3.8E-01	2.4E-07	1.0E-03	9.7E-11	1.6E-01	6.7E-01	1.0E-11	3.6E-01	7.7E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.1E-11
272	3.2E-01	2.4E-07	1.0E-03	8.2E-11	1.6E-01	6.7E-01	8.6E-12	3.1E-01	7.7E-07	1.0E-03	2.5E-10	1.6E-01	6.7E-01	2.6E-11
273	1.2E+01	2.4E-07	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.1E-10	1.4E+01	7.7E-07	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.2E-09
274	1.4E+01	2.4E-07	1.0E-03	3.5E-09	1.6E-01	6.7E-01	3.7E-10	1.8E+01	7.7E-07	1.0E-03	1.5E-08	1.6E-01	6.7E-01	1.6E-09
275	1.6E+01	2.4E-07	1.0E-03	4.2E-09	1.6E-01	6.7E-01	4.4E-10	2.4E+01	7.7E-07	1.0E-03	1.9E-08	1.6E-01	6.7E-01	2.0E-09
276	1.9E+01	2.4E-07	1.0E-03	4.8E-09	1.6E-01	6.7E-01	5.1E-10	3.2E+01	7.7E-07	1.0E-03	2.6E-08	1.6E-01	6.7E-01	2.7E-09
277	2.1E+01	2.4E-07	1.0E-03	5.5E-09	1.6E-01	6.7E-01	5.8E-10	4.2E+01	7.7E-07	1.0E-03	3.4E-08	1.6E-01	6.7E-01	3.6E-09
278	2.3E+01	2.4E-07	1.0E-03	6.0E-09	1.6E-01	6.7E-01	6.3E-10	5.4E+01	7.7E-07	1.0E-03	4.3E-08	1.6E-01	6.7E-01	4.6E-09
279	2.5E+01	2.4E-07	1.0E-03	6.3E-09	1.6E-01	6.7E-01	6.6E-10	6.3E+01	7.7E-07	1.0E-03	5.1E-08	1.6E-01	6.7E-01	5.3E-09
280	2.4E+01	2.4E-07	1.0E-03	6.3E-09	1.6E-01	6.7E-01	6.6E-10	6.8E+01	7.7E-07	1.0E-03	5.5E-08	1.6E-01	6.7E-01	5.8E-09
281	2.3E+01	2.4E-07	1.0E-03	6.0E-09	1.6E-01	6.7E-01	6.3E-10	7.0E+01	7.7E-07	1.0E-03	5.6E-08	1.6E-01	6.7E-01	5.9E-09
282	2.2E+01	2.4E-07	1.0E-03	5.6E-09	1.6E-01	6.7E-01	5.9E-10	6.8E+01	7.7E-07	1.0E-03	5.5E-08	1.6E-01	6.7E-01	5.7E-09
283	2.0E+01	2.4E-07	1.0E-03	5.1E-09	1.6E-01	6.7E-01	5.4E-10	6.1E+01	7.7E-07	1.0E-03	4.9E-08	1.6E-01	6.7E-01	5.1E-09
284	1.8E+01	2.4E-07	1.0E-03	4.7E-09	1.6E-01	6.7E-01	4.9E-10	5.1E+01	7.7E-07	1.0E-03	4.1E-08	1.6E-01	6.7E-01	4.4E-09
285	1.7E+01	2.4E-07	1.0E-03	4.2E-09	1.6E-01	6.7E-01	4.4E-10	4.2E+01	7.7E-07	1.0E-03	3.4E-08	1.6E-01	6.7E-01	3.6E-09
286	1.5E+01	2.4E-07	1.0E-03	3.8E-09	1.6E-01	6.7E-01	4.0E-10	3.5E+01	7.7E-07	1.0E-03	2.8E-08	1.6E-01	6.7E-01	2.9E-09
287	1.3E+01	2.4E-07	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.6E-10	2.9E+01	7.7E-07	1.0E-03	2.3E-08	1.6E-01	6.7E-01	2.4E-09
288	1.2E+01	2.4E-07	1.0E-03	3.1E-09	1.6E-01	6.7E-01	3.3E-10	2.4E+01	7.7E-07	1.0E-03	1.9E-08	1.6E-01	6.7E-01	2.0E-09
289	1.1E+01	2.4E-07	1.0E-03	2.8E-09	1.6E-01	6.7E-01	3.0E-10	2.0E+01	7.7E-07	1.0E-03	1.6E-08	1.6E-01	6.7E-01	1.7E-09
290	9.9E+00	2.4E-07	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.7E-10	1.7E+01	7.7E-07	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.4E-09
291	9.0E+00	2.4E-07	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10	1.5E+01	7.7E-07	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.2E-09
292	8.1E+00	2.4E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	1.3E+01	7.7E-07	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09
293	7.4E+00	2.4E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	1.1E+01	7.7E-07	1.0E-03	8.8E-09	1.6E-01	6.7E-01	9.3E-10
294	6.7E+00	2.4E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	9.6E+00	7.7E-07	1.0E-03	7.7E-09	1.6E-01	6.7E-01	8.1E-10
295	6.1E+00	2.4E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.6E-10	8.5E+00	7.7E-07	1.0E-03	6.8E-09	1.6E-01	6.7E-01	7.2E-10
296	5.6E+00	2.4E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10	7.5E+00	7.7E-07	1.0E-03	6.1E-09	1.6E-01	6.7E-01	6.4E-10
297	5.1E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	6.7E+00	7.7E-07	1.0E-03	5.4E-09	1.6E-01	6.7E-01	5.7E-10
298	4.7E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	6.0E+00	7.7E-07	1.0E-03	4.9E-09	1.6E-01	6.7E-01	5.1E-10
299	1.4E+01	2.4E-07	1.0E-03	3.7E-09	1.6E-01	6.7E-01	3.9E-10	1.6E+01	7.7E-07	1.0E-03	1.3E-08	1.6E-01	6.7E-01	1.4E-09
300	1.8E+01	2.4E-07	1.0E-03	4.5E-09	1.6E-01	6.7E-01	4.7E-10	2.2E+01	7.7E-07	1.0E-03	1.8E-08	1.6E-01	6.7E-01	1.8E-09
301	2.2E+01	2.4E-07	1.0E-03	5.5E-09	1.6E-01	6.7E-01	5.8E-10	3.0E+01	7.7E-07	1.0E-03	2.4E-08	1.6E-01	6.7E-01	2.6E-09

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
302	2.6E+01	2.4E-07	1.0E-03	6.7E-09	1.6E-01	6.7E-01	7.0E-10	4.3E+01	7.7E-07	1.0E-03	3.5E-08	1.6E-01	6.7E-01	3.6E-09
303	3.1E+01	2.4E-07	1.0E-03	7.9E-09	1.6E-01	6.7E-01	8.3E-10	1.5E+01	7.7E-07	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.3E-09
304	3.4E+01	2.4E-07	1.0E-03	8.7E-09	1.6E-01	6.7E-01	9.2E-10	2.2E+01	7.7E-07	1.0E-03	1.8E-08	1.6E-01	6.7E-01	1.9E-09
305	3.5E+01	2.4E-07	1.0E-03	9.0E-09	1.6E-01	6.7E-01	9.4E-10	3.2E+01	7.7E-07	1.0E-03	2.6E-08	1.6E-01	6.7E-01	2.7E-09
306	3.3E+01	2.4E-07	1.0E-03	8.6E-09	1.6E-01	6.7E-01	9.0E-10	4.6E+01	7.7E-07	1.0E-03	3.7E-08	1.6E-01	6.7E-01	3.9E-09
307	3.0E+01	2.4E-07	1.0E-03	7.8E-09	1.6E-01	6.7E-01	8.2E-10	4.7E+01	7.7E-07	1.0E-03	3.8E-08	1.6E-01	6.7E-01	4.0E-09
308	2.7E+01	2.4E-07	1.0E-03	7.0E-09	1.6E-01	6.7E-01	7.3E-10	3.5E+01	7.7E-07	1.0E-03	2.8E-08	1.6E-01	6.7E-01	3.0E-09
309	2.4E+01	2.4E-07	1.0E-03	6.2E-09	1.6E-01	6.7E-01	6.5E-10	2.6E+01	7.7E-07	1.0E-03	2.1E-08	1.6E-01	6.7E-01	2.2E-09
310	2.1E+01	2.4E-07	1.0E-03	5.4E-09	1.6E-01	6.7E-01	5.7E-10	6.8E+01	7.7E-07	1.0E-03	5.5E-08	1.6E-01	6.7E-01	5.8E-09
311	1.9E+01	2.4E-07	1.0E-03	4.8E-09	1.6E-01	6.7E-01	5.1E-10	5.2E+01	7.7E-07	1.0E-03	4.2E-08	1.6E-01	6.7E-01	4.4E-09
312	1.7E+01	2.4E-07	1.0E-03	4.3E-09	1.6E-01	6.7E-01	4.5E-10	4.0E+01	7.7E-07	1.0E-03	3.2E-08	1.6E-01	6.7E-01	3.4E-09
313	1.5E+01	2.4E-07	1.0E-03	3.8E-09	1.6E-01	6.7E-01	4.0E-10	3.2E+01	7.7E-07	1.0E-03	2.6E-08	1.6E-01	6.7E-01	2.7E-09
314	1.3E+01	2.4E-07	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.5E-10	2.6E+01	7.7E-07	1.0E-03	2.1E-08	1.6E-01	6.7E-01	2.2E-09
315	1.2E+01	2.4E-07	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.2E-10	2.1E+01	7.7E-07	1.0E-03	1.7E-08	1.6E-01	6.7E-01	1.8E-09
316	1.0E+01	2.4E-07	1.0E-03	2.7E-09	1.6E-01	6.7E-01	2.8E-10	1.8E+01	7.7E-07	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.5E-09
317	9.4E+00	2.4E-07	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	1.5E+01	7.7E-07	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.3E-09
318	8.4E+00	2.4E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	1.3E+01	7.7E-07	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09
319	7.6E+00	2.4E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	1.1E+01	7.7E-07	1.0E-03	8.9E-09	1.6E-01	6.7E-01	9.3E-10
320	6.9E+00	2.4E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.8E-10	9.6E+00	7.7E-07	1.0E-03	7.7E-09	1.6E-01	6.7E-01	8.1E-10
321	6.2E+00	2.4E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	8.4E+00	7.7E-07	1.0E-03	6.8E-09	1.6E-01	6.7E-01	7.1E-10
322	5.7E+00	2.4E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10	7.4E+00	7.7E-07	1.0E-03	6.0E-09	1.6E-01	6.7E-01	6.3E-10
323	5.2E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	6.6E+00	7.7E-07	1.0E-03	5.3E-09	1.6E-01	6.7E-01	5.6E-10
324	4.8E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	5.9E+00	7.7E-07	1.0E-03	4.8E-09	1.6E-01	6.7E-01	5.0E-10
325	1.8E+01	2.4E-07	1.0E-03	4.5E-09	1.6E-01	6.7E-01	4.7E-10	1.8E+01	7.7E-07	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.5E-09
326	2.3E+01	2.4E-07	1.0E-03	5.8E-09	1.6E-01	6.7E-01	6.1E-10	2.5E+01	7.7E-07	1.0E-03	2.0E-08	1.6E-01	6.7E-01	2.1E-09
327	2.9E+01	2.4E-07	1.0E-03	7.5E-09	1.6E-01	6.7E-01	7.9E-10	3.7E+01	7.7E-07	1.0E-03	2.9E-08	1.6E-01	6.7E-01	3.1E-09
328	3.8E+01	2.4E-07	1.0E-03	9.7E-09	1.6E-01	6.7E-01	1.0E-09	5.7E+01	7.7E-07	1.0E-03	4.6E-08	1.6E-01	6.7E-01	4.8E-09
329	4.8E+01	2.4E-07	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.3E-09	1.8E+01	7.7E-07	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.5E-09
330	5.4E+01	2.4E-07	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.5E-09	2.7E+01	7.7E-07	1.0E-03	2.2E-08	1.6E-01	6.7E-01	2.3E-09
331	5.3E+01	2.4E-07	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.4E-09	4.4E+01	7.7E-07	1.0E-03	3.5E-08	1.6E-01	6.7E-01	3.7E-09
332	4.7E+01	2.4E-07	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.3E-09	0.0E+00	7.7E-07	1.0E-03	0.0E+00	1.6E-01	6.7E-01	0.0E+00
333	4.0E+01	2.4E-07	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09	0.0E+00	7.7E-07	1.0E-03	0.0E+00	1.6E-01	6.7E-01	0.0E+00
334	3.4E+01	2.4E-07	1.0E-03	8.6E-09	1.6E-01	6.7E-01	9.1E-10	4.3E+01	7.7E-07	1.0E-03	3.5E-08	1.6E-01	6.7E-01	3.7E-09
335	2.9E+01	2.4E-07	1.0E-03	7.3E-09	1.6E-01	6.7E-01	7.7E-10	3.0E+01	7.7E-07	1.0E-03	2.4E-08	1.6E-01	6.7E-01	2.6E-09
336	2.4E+01	2.4E-07	1.0E-03	6.3E-09	1.6E-01	6.7E-01	6.6E-10	2.2E+01	7.7E-07	1.0E-03	1.8E-08	1.6E-01	6.7E-01	1.9E-09
337	2.1E+01	2.4E-07	1.0E-03	5.4E-09	1.6E-01	6.7E-01	5.7E-10	6.1E+01	7.7E-07	1.0E-03	5.0E-08	1.6E-01	6.7E-01	5.2E-09
338	1.8E+01	2.4E-07	1.0E-03	4.7E-09	1.6E-01	6.7E-01	4.9E-10	4.4E+01	7.7E-07	1.0E-03	3.6E-08	1.6E-01	6.7E-01	3.8E-09
339	1.6E+01	2.4E-07	1.0E-03	4.1E-09	1.6E-01	6.7E-01	4.3E-10	3.4E+01	7.7E-07	1.0E-03	2.7E-08	1.6E-01	6.7E-01	2.9E-09
340	1.4E+01	2.4E-07	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.8E-10	2.7E+01	7.7E-07	1.0E-03	2.2E-08	1.6E-01	6.7E-01	2.3E-09
341	1.2E+01	2.4E-07	1.0E-03	3.2E-09	1.6E-01	6.7E-01	3.3E-10	2.2E+01	7.7E-07	1.0E-03	1.7E-08	1.6E-01	6.7E-01	1.8E-09
342	1.1E+01	2.4E-07	1.0E-03	2.8E-09	1.6E-01	6.7E-01	2.9E-10	1.8E+01	7.7E-07	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.5E-09
343	9.7E+00	2.4E-07	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.6E-10	1.5E+01	7.7E-07	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.3E-09
344	8.7E+00	2.4E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	1.3E+01	7.7E-07	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
345	7.8E+00	2.4E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	1.1E+01	7.7E-07	1.0E-03	8.8E-09	1.6E-01	6.7E-01	9.2E-10
346	7.0E+00	2.4E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	9.4E+00	7.7E-07	1.0E-03	7.6E-09	1.6E-01	6.7E-01	8.0E-10
347	6.3E+00	2.4E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	8.2E+00	7.7E-07	1.0E-03	6.7E-09	1.6E-01	6.7E-01	7.0E-10
348	5.7E+00	2.4E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10	7.3E+00	7.7E-07	1.0E-03	5.9E-09	1.6E-01	6.7E-01	6.2E-10
349	5.2E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	6.5E+00	7.7E-07	1.0E-03	5.2E-09	1.6E-01	6.7E-01	5.5E-10
350	4.8E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	5.8E+00	7.7E-07	1.0E-03	4.7E-09	1.6E-01	6.7E-01	4.9E-10
351	2.1E+01	2.4E-07	1.0E-03	5.5E-09	1.6E-01	6.7E-01	5.7E-10	1.9E+01	7.7E-07	1.0E-03	1.5E-08	1.6E-01	6.7E-01	1.6E-09
352	2.9E+01	2.4E-07	1.0E-03	7.4E-09	1.6E-01	6.7E-01	7.8E-10	2.7E+01	7.7E-07	1.0E-03	2.2E-08	1.6E-01	6.7E-01	2.3E-09
353	4.0E+01	2.4E-07	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09	4.1E+01	7.7E-07	1.0E-03	3.3E-08	1.6E-01	6.7E-01	3.5E-09
354	5.7E+01	2.4E-07	1.0E-03	1.5E-08	1.6E-01	6.7E-01	1.5E-09	1.3E+01	7.7E-07	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.1E-09
355	2.2E+01	2.4E-07	1.0E-03	5.7E-09	1.6E-01	6.7E-01	6.0E-10	2.0E+01	7.7E-07	1.0E-03	1.6E-08	1.6E-01	6.7E-01	1.7E-09
356	2.5E+01	2.4E-07	1.0E-03	6.4E-09	1.6E-01	6.7E-01	6.7E-10	3.1E+01	7.7E-07	1.0E-03	2.5E-08	1.6E-01	6.7E-01	2.6E-09
357	2.6E+01	2.4E-07	1.0E-03	6.6E-09	1.6E-01	6.7E-01	6.9E-10	0.0E+00	7.7E-07	1.0E-03	0.0E+00	1.6E-01	6.7E-01	0.0E+00
358	6.8E+01	2.4E-07	1.0E-03	1.7E-08	1.6E-01	6.7E-01	1.8E-09	0.0E+00	7.7E-07	1.0E-03	0.0E+00	1.6E-01	6.7E-01	0.0E+00
359	5.2E+01	2.4E-07	1.0E-03	1.3E-08	1.6E-01	6.7E-01	1.4E-09	0.0E+00	7.7E-07	1.0E-03	0.0E+00	1.6E-01	6.7E-01	0.0E+00
360	4.1E+01	2.4E-07	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09	5.0E+01	7.7E-07	1.0E-03	4.0E-08	1.6E-01	6.7E-01	4.2E-09
361	3.3E+01	2.4E-07	1.0E-03	8.5E-09	1.6E-01	6.7E-01	8.9E-10	3.2E+01	7.7E-07	1.0E-03	2.6E-08	1.6E-01	6.7E-01	2.7E-09
362	2.8E+01	2.4E-07	1.0E-03	7.1E-09	1.6E-01	6.7E-01	7.4E-10	2.3E+01	7.7E-07	1.0E-03	1.9E-08	1.6E-01	6.7E-01	2.0E-09
363	2.3E+01	2.4E-07	1.0E-03	6.0E-09	1.6E-01	6.7E-01	6.3E-10	6.8E+01	7.7E-07	1.0E-03	5.5E-08	1.6E-01	6.7E-01	5.8E-09
364	2.0E+01	2.4E-07	1.0E-03	5.1E-09	1.6E-01	6.7E-01	5.3E-10	4.6E+01	7.7E-07	1.0E-03	3.8E-08	1.6E-01	6.7E-01	3.9E-09
365	1.7E+01	2.4E-07	1.0E-03	4.4E-09	1.6E-01	6.7E-01	4.6E-10	3.4E+01	7.7E-07	1.0E-03	2.8E-08	1.6E-01	6.7E-01	2.9E-09
366	1.5E+01	2.4E-07	1.0E-03	3.8E-09	1.6E-01	6.7E-01	4.0E-10	2.7E+01	7.7E-07	1.0E-03	2.2E-08	1.6E-01	6.7E-01	2.3E-09
367	1.3E+01	2.4E-07	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.5E-10	2.1E+01	7.7E-07	1.0E-03	1.7E-08	1.6E-01	6.7E-01	1.8E-09
368	1.1E+01	2.4E-07	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.0E-10	1.8E+01	7.7E-07	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.5E-09
369	9.9E+00	2.4E-07	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.7E-10	1.5E+01	7.7E-07	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.2E-09
370	8.8E+00	2.4E-07	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10	1.2E+01	7.7E-07	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.0E-09
371	7.8E+00	2.4E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	1.1E+01	7.7E-07	1.0E-03	8.5E-09	1.6E-01	6.7E-01	9.0E-10
372	7.0E+00	2.4E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	9.2E+00	7.7E-07	1.0E-03	7.4E-09	1.6E-01	6.7E-01	7.8E-10
373	6.3E+00	2.4E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	8.0E+00	7.7E-07	1.0E-03	6.5E-09	1.6E-01	6.7E-01	6.8E-10
374	5.7E+00	2.4E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10	7.0E+00	7.7E-07	1.0E-03	5.7E-09	1.6E-01	6.7E-01	6.0E-10
375	5.2E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	6.3E+00	7.7E-07	1.0E-03	5.1E-09	1.6E-01	6.7E-01	5.3E-10
376	4.7E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	5.6E+00	7.7E-07	1.0E-03	4.5E-09	1.6E-01	6.7E-01	4.7E-10
377	2.5E+01	2.4E-07	1.0E-03	6.4E-09	1.6E-01	6.7E-01	6.8E-10	1.9E+01	7.7E-07	1.0E-03	1.5E-08	1.6E-01	6.7E-01	1.6E-09
378	3.6E+01	2.4E-07	1.0E-03	9.1E-09	1.6E-01	6.7E-01	9.6E-10	2.7E+01	7.7E-07	1.0E-03	2.2E-08	1.6E-01	6.7E-01	2.3E-09
379	5.3E+01	2.4E-07	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.4E-09	4.2E+01	7.7E-07	1.0E-03	3.4E-08	1.6E-01	6.7E-01	3.5E-09
380	2.8E+01	2.4E-07	1.0E-03	7.1E-09	1.6E-01	6.7E-01	7.5E-10	1.3E+01	7.7E-07	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.1E-09
381	3.4E+01	2.4E-07	1.0E-03	8.7E-09	1.6E-01	6.7E-01	9.2E-10	2.0E+01	7.7E-07	1.0E-03	1.6E-08	1.6E-01	6.7E-01	1.7E-09
382	1.3E+01	2.4E-07	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.5E-10	2.1E+01	7.7E-07	1.0E-03	1.7E-08	1.6E-01	6.7E-01	1.7E-09
383	1.1E+01	2.4E-07	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.1E-10	1.7E+01	7.7E-07	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.4E-09
384	1.0E+01	2.4E-07	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10	1.4E+01	7.7E-07	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.2E-09
385	8.8E+00	2.4E-07	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10	1.2E+01	7.7E-07	1.0E-03	9.6E-09	1.6E-01	6.7E-01	1.0E-09
386	7.8E+00	2.4E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	1.0E+01	7.7E-07	1.0E-03	8.2E-09	1.6E-01	6.7E-01	8.6E-10
387	7.0E+00	2.4E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	8.8E+00	7.7E-07	1.0E-03	7.1E-09	1.6E-01	6.7E-01	7.4E-10

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
388	6.3E+00	2.4E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	7.7E+00	7.7E-07	1.0E-03	6.2E-09	1.6E-01	6.7E-01	6.5E-10
389	5.6E+00	2.4E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10	6.8E+00	7.7E-07	1.0E-03	5.5E-09	1.6E-01	6.7E-01	5.7E-10
390	5.1E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	6.0E+00	7.7E-07	1.0E-03	4.9E-09	1.6E-01	6.7E-01	5.1E-10
391	4.6E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10	5.4E+00	7.7E-07	1.0E-03	4.3E-09	1.6E-01	6.7E-01	4.6E-10
392	2.9E+01	2.4E-07	1.0E-03	7.3E-09	1.6E-01	6.7E-01	7.7E-10	1.8E+01	7.7E-07	1.0E-03	1.5E-08	1.6E-01	6.7E-01	1.5E-09
393	4.2E+01	2.4E-07	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.1E-09	2.6E+01	7.7E-07	1.0E-03	2.1E-08	1.6E-01	6.7E-01	2.2E-09
394	6.4E+01	2.4E-07	1.0E-03	1.6E-08	1.6E-01	6.7E-01	1.7E-09	3.8E+01	7.7E-07	1.0E-03	3.1E-08	1.6E-01	6.7E-01	3.2E-09
395	4.2E+01	2.4E-07	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.1E-09	1.2E+01	7.7E-07	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09
396	5.7E+01	2.4E-07	1.0E-03	1.5E-08	1.6E-01	6.7E-01	1.5E-09	1.8E+01	7.7E-07	1.0E-03	1.5E-08	1.6E-01	6.7E-01	1.6E-09
397	1.3E+01	2.4E-07	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.6E-10	1.9E+01	7.7E-07	1.0E-03	1.5E-08	1.6E-01	6.7E-01	1.6E-09
398	1.1E+01	2.4E-07	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.1E-10	1.6E+01	7.7E-07	1.0E-03	1.3E-08	1.6E-01	6.7E-01	1.3E-09
399	1.0E+01	2.4E-07	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10	1.3E+01	7.7E-07	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.1E-09
400	8.8E+00	2.4E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.4E-10	1.1E+01	7.7E-07	1.0E-03	9.0E-09	1.6E-01	6.7E-01	9.5E-10
401	7.7E+00	2.4E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	9.6E+00	7.7E-07	1.0E-03	7.7E-09	1.6E-01	6.7E-01	8.1E-10
402	6.9E+00	2.4E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.8E-10	8.3E+00	7.7E-07	1.0E-03	6.7E-09	1.6E-01	6.7E-01	7.1E-10
403	6.1E+00	2.4E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	7.3E+00	7.7E-07	1.0E-03	5.9E-09	1.6E-01	6.7E-01	6.2E-10
404	5.5E+00	2.4E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10	6.4E+00	7.7E-07	1.0E-03	5.2E-09	1.6E-01	6.7E-01	5.5E-10
405	5.0E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10	5.7E+00	7.7E-07	1.0E-03	4.6E-09	1.6E-01	6.7E-01	4.9E-10
406	4.5E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10	5.1E+00	7.7E-07	1.0E-03	4.1E-09	1.6E-01	6.7E-01	4.3E-10
407	3.1E+01	2.4E-07	1.0E-03	7.9E-09	1.6E-01	6.7E-01	8.3E-10	1.6E+01	7.7E-07	1.0E-03	1.3E-08	1.6E-01	6.7E-01	1.4E-09
408	4.5E+01	2.4E-07	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.2E-09	2.2E+01	7.7E-07	1.0E-03	1.8E-08	1.6E-01	6.7E-01	1.9E-09
409	7.1E+01	2.4E-07	1.0E-03	1.8E-08	1.6E-01	6.7E-01	1.9E-09	3.1E+01	7.7E-07	1.0E-03	2.5E-08	1.6E-01	6.7E-01	2.6E-09
410	1.7E+01	2.4E-07	1.0E-03	4.2E-09	1.6E-01	6.7E-01	4.4E-10	4.5E+01	7.7E-07	1.0E-03	3.6E-08	1.6E-01	6.7E-01	3.8E-09
411	2.0E+01	2.4E-07	1.0E-03	5.2E-09	1.6E-01	6.7E-01	5.4E-10	1.5E+01	7.7E-07	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.3E-09
412	1.3E+01	2.4E-07	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.5E-10	1.7E+01	7.7E-07	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.5E-09
413	1.1E+01	2.4E-07	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.0E-10	1.4E+01	7.7E-07	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.2E-09
414	9.8E+00	2.4E-07	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.6E-10	1.2E+01	7.7E-07	1.0E-03	9.8E-09	1.6E-01	6.7E-01	1.0E-09
415	8.6E+00	2.4E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	1.0E+01	7.7E-07	1.0E-03	8.4E-09	1.6E-01	6.7E-01	8.8E-10
416	7.6E+00	2.4E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	9.0E+00	7.7E-07	1.0E-03	7.2E-09	1.6E-01	6.7E-01	7.6E-10
417	6.7E+00	2.4E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	7.8E+00	7.7E-07	1.0E-03	6.3E-09	1.6E-01	6.7E-01	6.6E-10
418	6.0E+00	2.4E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	6.9E+00	7.7E-07	1.0E-03	5.5E-09	1.6E-01	6.7E-01	5.8E-10
419	5.4E+00	2.4E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.4E-10	6.1E+00	7.7E-07	1.0E-03	4.9E-09	1.6E-01	6.7E-01	5.1E-10
420	4.9E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	5.4E+00	7.7E-07	1.0E-03	4.4E-09	1.6E-01	6.7E-01	4.6E-10
421	4.4E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10	4.9E+00	7.7E-07	1.0E-03	3.9E-09	1.6E-01	6.7E-01	4.1E-10
422	3.2E+01	2.4E-07	1.0E-03	8.2E-09	1.6E-01	6.7E-01	8.6E-10	1.5E+01	7.7E-07	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.2E-09
423	4.7E+01	2.4E-07	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.3E-09	1.9E+01	7.7E-07	1.0E-03	1.5E-08	1.6E-01	6.7E-01	1.6E-09
424	7.5E+01	2.4E-07	1.0E-03	1.9E-08	1.6E-01	6.7E-01	2.0E-09	2.5E+01	7.7E-07	1.0E-03	2.0E-08	1.6E-01	6.7E-01	2.1E-09
425	6.2E+01	2.4E-07	1.0E-03	1.6E-08	1.6E-01	6.7E-01	1.7E-09	3.3E+01	7.7E-07	1.0E-03	2.7E-08	1.6E-01	6.7E-01	2.8E-09
426	3.4E+01	2.4E-07	1.0E-03	8.6E-09	1.6E-01	6.7E-01	9.1E-10	4.4E+01	7.7E-07	1.0E-03	3.5E-08	1.6E-01	6.7E-01	3.7E-09
427	1.3E+01	2.4E-07	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.4E-10	1.5E+01	7.7E-07	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.3E-09
428	1.1E+01	2.4E-07	1.0E-03	2.8E-09	1.6E-01	6.7E-01	3.0E-10	1.3E+01	7.7E-07	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09
429	9.5E+00	2.4E-07	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.6E-10	1.1E+01	7.7E-07	1.0E-03	9.0E-09	1.6E-01	6.7E-01	9.4E-10
430	8.3E+00	2.4E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	9.6E+00	7.7E-07	1.0E-03	7.7E-09	1.6E-01	6.7E-01	8.1E-10

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
431	7.3E+00	2.4E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	8.3E+00	7.7E-07	1.0E-03	6.7E-09	1.6E-01	6.7E-01	7.1E-10
432	6.5E+00	2.4E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.7E-10	7.3E+00	7.7E-07	1.0E-03	5.9E-09	1.6E-01	6.7E-01	6.2E-10
433	5.8E+00	2.4E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	6.4E+00	7.7E-07	1.0E-03	5.2E-09	1.6E-01	6.7E-01	5.5E-10
434	5.2E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	5.7E+00	7.7E-07	1.0E-03	4.6E-09	1.6E-01	6.7E-01	4.8E-10
435	4.7E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	5.1E+00	7.7E-07	1.0E-03	4.1E-09	1.6E-01	6.7E-01	4.3E-10
436	4.3E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10	4.6E+00	7.7E-07	1.0E-03	3.7E-09	1.6E-01	6.7E-01	3.9E-10
437	3.2E+01	2.4E-07	1.0E-03	8.2E-09	1.6E-01	6.7E-01	8.6E-10	1.3E+01	7.7E-07	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09
438	4.7E+01	2.4E-07	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.3E-09	1.6E+01	7.7E-07	1.0E-03	1.3E-08	1.6E-01	6.7E-01	1.3E-09
439	7.4E+01	2.4E-07	1.0E-03	1.9E-08	1.6E-01	6.7E-01	2.0E-09	2.0E+01	7.7E-07	1.0E-03	1.6E-08	1.6E-01	6.7E-01	1.7E-09
440	6.2E+01	2.4E-07	1.0E-03	1.6E-08	1.6E-01	6.7E-01	1.7E-09	2.4E+01	7.7E-07	1.0E-03	2.0E-08	1.6E-01	6.7E-01	2.1E-09
441	3.0E+01	2.4E-07	1.0E-03	7.6E-09	1.6E-01	6.7E-01	8.0E-10	3.0E+01	7.7E-07	1.0E-03	2.5E-08	1.6E-01	6.7E-01	2.6E-09
442	1.2E+01	2.4E-07	1.0E-03	3.1E-09	1.6E-01	6.7E-01	3.3E-10	1.3E+01	7.7E-07	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.1E-09
443	1.1E+01	2.4E-07	1.0E-03	2.7E-09	1.6E-01	6.7E-01	2.8E-10	1.2E+01	7.7E-07	1.0E-03	9.4E-09	1.6E-01	6.7E-01	9.8E-10
444	9.1E+00	2.4E-07	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.5E-10	1.0E+01	7.7E-07	1.0E-03	8.1E-09	1.6E-01	6.7E-01	8.5E-10
445	8.0E+00	2.4E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.2E-10	8.7E+00	7.7E-07	1.0E-03	7.1E-09	1.6E-01	6.7E-01	7.4E-10
446	7.0E+00	2.4E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	7.7E+00	7.7E-07	1.0E-03	6.2E-09	1.6E-01	6.7E-01	6.5E-10
447	6.2E+00	2.4E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	6.8E+00	7.7E-07	1.0E-03	5.5E-09	1.6E-01	6.7E-01	5.7E-10
448	5.6E+00	2.4E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10	6.0E+00	7.7E-07	1.0E-03	4.8E-09	1.6E-01	6.7E-01	5.1E-10
449	5.0E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10	5.3E+00	7.7E-07	1.0E-03	4.3E-09	1.6E-01	6.7E-01	4.5E-10
450	4.5E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10	4.8E+00	7.7E-07	1.0E-03	3.9E-09	1.6E-01	6.7E-01	4.1E-10
451	4.1E+00	2.4E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	4.3E+00	7.7E-07	1.0E-03	3.5E-09	1.6E-01	6.7E-01	3.7E-10
452	3.0E+01	2.4E-07	1.0E-03	7.8E-09	1.6E-01	6.7E-01	8.2E-10	1.1E+01	7.7E-07	1.0E-03	8.6E-09	1.6E-01	6.7E-01	9.1E-10
453	4.5E+01	2.4E-07	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.2E-09	1.3E+01	7.7E-07	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09
454	7.0E+01	2.4E-07	1.0E-03	1.8E-08	1.6E-01	6.7E-01	1.9E-09	1.6E+01	7.7E-07	1.0E-03	1.3E-08	1.6E-01	6.7E-01	1.3E-09
455	1.5E+01	2.4E-07	1.0E-03	3.8E-09	1.6E-01	6.7E-01	4.0E-10	1.9E+01	7.7E-07	1.0E-03	1.5E-08	1.6E-01	6.7E-01	1.6E-09
456	1.8E+01	2.4E-07	1.0E-03	4.5E-09	1.6E-01	6.7E-01	4.8E-10	2.2E+01	7.7E-07	1.0E-03	1.8E-08	1.6E-01	6.7E-01	1.9E-09
457	1.2E+01	2.4E-07	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.1E-10	1.2E+01	7.7E-07	1.0E-03	9.5E-09	1.6E-01	6.7E-01	1.0E-09
458	1.0E+01	2.4E-07	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10	1.0E+01	7.7E-07	1.0E-03	8.3E-09	1.6E-01	6.7E-01	8.7E-10
459	8.7E+00	2.4E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	9.0E+00	7.7E-07	1.0E-03	7.3E-09	1.6E-01	6.7E-01	7.7E-10
460	7.6E+00	2.4E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	7.9E+00	7.7E-07	1.0E-03	6.4E-09	1.6E-01	6.7E-01	6.7E-10
461	6.7E+00	2.4E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	7.0E+00	7.7E-07	1.0E-03	5.7E-09	1.6E-01	6.7E-01	6.0E-10
462	6.0E+00	2.4E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	6.2E+00	7.7E-07	1.0E-03	5.0E-09	1.6E-01	6.7E-01	5.3E-10
463	5.3E+00	2.4E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.4E-10	5.6E+00	7.7E-07	1.0E-03	4.5E-09	1.6E-01	6.7E-01	4.7E-10
464	4.8E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	5.0E+00	7.7E-07	1.0E-03	4.1E-09	1.6E-01	6.7E-01	4.3E-10
465	4.3E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10	4.5E+00	7.7E-07	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.8E-10
466	3.9E+00	2.4E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	4.1E+00	7.7E-07	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.5E-10
467	2.8E+01	2.4E-07	1.0E-03	7.1E-09	1.6E-01	6.7E-01	7.4E-10	9.1E+00	7.7E-07	1.0E-03	7.3E-09	1.6E-01	6.7E-01	7.7E-10
468	4.0E+01	2.4E-07	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09	1.1E+01	7.7E-07	1.0E-03	8.6E-09	1.6E-01	6.7E-01	9.1E-10
469	6.1E+01	2.4E-07	1.0E-03	1.6E-08	1.6E-01	6.7E-01	1.6E-09	1.3E+01	7.7E-07	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09
470	3.9E+01	2.4E-07	1.0E-03	9.9E-09	1.6E-01	6.7E-01	1.0E-09	1.5E+01	7.7E-07	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.3E-09
471	5.0E+01	2.4E-07	1.0E-03	1.3E-08	1.6E-01	6.7E-01	1.4E-09	1.7E+01	7.7E-07	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.5E-09
472	1.1E+01	2.4E-07	1.0E-03	2.8E-09	1.6E-01	6.7E-01	2.9E-10	1.0E+01	7.7E-07	1.0E-03	8.3E-09	1.6E-01	6.7E-01	8.7E-10
473	9.3E+00	2.4E-07	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	9.1E+00	7.7E-07	1.0E-03	7.4E-09	1.6E-01	6.7E-01	7.8E-10

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
474	8.2E+00	2.4E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	8.1E+00	7.7E-07	1.0E-03	6.6E-09	1.6E-01	6.7E-01	6.9E-10
475	7.2E+00	2.4E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	7.2E+00	7.7E-07	1.0E-03	5.8E-09	1.6E-01	6.7E-01	6.1E-10
476	6.3E+00	2.4E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	6.4E+00	7.7E-07	1.0E-03	5.2E-09	1.6E-01	6.7E-01	5.5E-10
477	5.7E+00	2.4E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10	5.8E+00	7.7E-07	1.0E-03	4.7E-09	1.6E-01	6.7E-01	4.9E-10
478	5.1E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	5.2E+00	7.7E-07	1.0E-03	4.2E-09	1.6E-01	6.7E-01	4.4E-10
479	4.6E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10	4.7E+00	7.7E-07	1.0E-03	3.8E-09	1.6E-01	6.7E-01	4.0E-10
480	4.1E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10	4.2E+00	7.7E-07	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.6E-10
481	3.7E+00	2.4E-07	1.0E-03	9.6E-10	1.6E-01	6.7E-01	1.0E-10	3.9E+00	7.7E-07	1.0E-03	3.1E-09	1.6E-01	6.7E-01	3.3E-10
482	2.4E+01	2.4E-07	1.0E-03	6.1E-09	1.6E-01	6.7E-01	6.5E-10	7.8E+00	7.7E-07	1.0E-03	6.3E-09	1.6E-01	6.7E-01	6.6E-10
483	3.4E+01	2.4E-07	1.0E-03	8.6E-09	1.6E-01	6.7E-01	9.0E-10	9.0E+00	7.7E-07	1.0E-03	7.3E-09	1.6E-01	6.7E-01	7.6E-10
484	5.0E+01	2.4E-07	1.0E-03	1.3E-08	1.6E-01	6.7E-01	1.3E-09	1.0E+01	7.7E-07	1.0E-03	8.4E-09	1.6E-01	6.7E-01	8.8E-10
485	2.6E+01	2.4E-07	1.0E-03	6.6E-09	1.6E-01	6.7E-01	6.9E-10	1.2E+01	7.7E-07	1.0E-03	9.7E-09	1.6E-01	6.7E-01	1.0E-09
486	3.1E+01	2.4E-07	1.0E-03	7.8E-09	1.6E-01	6.7E-01	8.2E-10	1.4E+01	7.7E-07	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.2E-09
487	9.9E+00	2.4E-07	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.7E-10	9.1E+00	7.7E-07	1.0E-03	7.3E-09	1.6E-01	6.7E-01	7.7E-10
488	8.7E+00	2.4E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	8.1E+00	7.7E-07	1.0E-03	6.6E-09	1.6E-01	6.7E-01	6.9E-10
489	7.6E+00	2.4E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	7.3E+00	7.7E-07	1.0E-03	5.9E-09	1.6E-01	6.7E-01	6.2E-10
490	6.7E+00	2.4E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	6.6E+00	7.7E-07	1.0E-03	5.3E-09	1.6E-01	6.7E-01	5.6E-10
491	6.0E+00	2.4E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	5.9E+00	7.7E-07	1.0E-03	4.8E-09	1.6E-01	6.7E-01	5.0E-10
492	5.3E+00	2.4E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.4E-10	5.3E+00	7.7E-07	1.0E-03	4.3E-09	1.6E-01	6.7E-01	4.5E-10
493	4.8E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	4.8E+00	7.7E-07	1.0E-03	3.9E-09	1.6E-01	6.7E-01	4.1E-10
494	4.3E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10	4.4E+00	7.7E-07	1.0E-03	3.5E-09	1.6E-01	6.7E-01	3.7E-10
495	3.9E+00	2.4E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	4.0E+00	7.7E-07	1.0E-03	3.2E-09	1.6E-01	6.7E-01	3.4E-10
496	3.6E+00	2.4E-07	1.0E-03	9.2E-10	1.6E-01	6.7E-01	9.6E-11	3.6E+00	7.7E-07	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.1E-10
497	2.0E+01	2.4E-07	1.0E-03	5.2E-09	1.6E-01	6.7E-01	5.5E-10	6.7E+00	7.7E-07	1.0E-03	5.4E-09	1.6E-01	6.7E-01	5.7E-10
498	2.7E+01	2.4E-07	1.0E-03	7.0E-09	1.6E-01	6.7E-01	7.4E-10	7.7E+00	7.7E-07	1.0E-03	6.2E-09	1.6E-01	6.7E-01	6.5E-10
499	3.8E+01	2.4E-07	1.0E-03	9.7E-09	1.6E-01	6.7E-01	1.0E-09	8.8E+00	7.7E-07	1.0E-03	7.1E-09	1.6E-01	6.7E-01	7.4E-10
500	5.3E+01	2.4E-07	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.4E-09	1.0E+01	7.7E-07	1.0E-03	8.1E-09	1.6E-01	6.7E-01	8.5E-10
501	2.0E+01	2.4E-07	1.0E-03	5.2E-09	1.6E-01	6.7E-01	5.5E-10	1.1E+01	7.7E-07	1.0E-03	9.0E-09	1.6E-01	6.7E-01	9.5E-10
502	9.1E+00	2.4E-07	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.5E-10	8.0E+00	7.7E-07	1.0E-03	6.5E-09	1.6E-01	6.7E-01	6.8E-10
503	8.0E+00	2.4E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.2E-10	7.3E+00	7.7E-07	1.0E-03	5.9E-09	1.6E-01	6.7E-01	6.2E-10
504	7.1E+00	2.4E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	6.6E+00	7.7E-07	1.0E-03	5.3E-09	1.6E-01	6.7E-01	5.6E-10
505	6.3E+00	2.4E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	6.0E+00	7.7E-07	1.0E-03	4.8E-09	1.6E-01	6.7E-01	5.1E-10
506	5.6E+00	2.4E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10	5.4E+00	7.7E-07	1.0E-03	4.4E-09	1.6E-01	6.7E-01	4.6E-10
507	5.0E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	4.9E+00	7.7E-07	1.0E-03	4.0E-09	1.6E-01	6.7E-01	4.2E-10
508	4.5E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10	4.5E+00	7.7E-07	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.8E-10
509	4.1E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10	4.1E+00	7.7E-07	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.5E-10
510	3.7E+00	2.4E-07	1.0E-03	9.6E-10	1.6E-01	6.7E-01	1.0E-10	3.8E+00	7.7E-07	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.2E-10
511	3.4E+00	2.4E-07	1.0E-03	8.7E-10	1.6E-01	6.7E-01	9.2E-11	3.4E+00	7.7E-07	1.0E-03	2.8E-09	1.6E-01	6.7E-01	2.9E-10
512	1.7E+01	2.4E-07	1.0E-03	4.3E-09	1.6E-01	6.7E-01	4.5E-10	5.9E+00	7.7E-07	1.0E-03	4.7E-09	1.6E-01	6.7E-01	5.0E-10
513	2.2E+01	2.4E-07	1.0E-03	5.5E-09	1.6E-01	6.7E-01	5.8E-10	6.6E+00	7.7E-07	1.0E-03	5.3E-09	1.6E-01	6.7E-01	5.6E-10
514	2.8E+01	2.4E-07	1.0E-03	7.1E-09	1.6E-01	6.7E-01	7.5E-10	7.4E+00	7.7E-07	1.0E-03	6.0E-09	1.6E-01	6.7E-01	6.3E-10
515	3.6E+01	2.4E-07	1.0E-03	9.1E-09	1.6E-01	6.7E-01	9.6E-10	8.3E+00	7.7E-07	1.0E-03	6.7E-09	1.6E-01	6.7E-01	7.1E-10
516	4.3E+01	2.4E-07	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.1E-09	9.2E+00	7.7E-07	1.0E-03	7.4E-09	1.6E-01	6.7E-01	7.8E-10

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
517	8.3E+00	2.4E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	7.1E+00	7.7E-07	1.0E-03	5.8E-09	1.6E-01	6.7E-01	6.1E-10
518	7.4E+00	2.4E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	6.6E+00	7.7E-07	1.0E-03	5.3E-09	1.6E-01	6.7E-01	5.6E-10
519	6.5E+00	2.4E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	6.0E+00	7.7E-07	1.0E-03	4.8E-09	1.6E-01	6.7E-01	5.1E-10
520	5.8E+00	2.4E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	5.5E+00	7.7E-07	1.0E-03	4.4E-09	1.6E-01	6.7E-01	4.6E-10
521	5.2E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	5.0E+00	7.7E-07	1.0E-03	4.0E-09	1.6E-01	6.7E-01	4.2E-10
522	4.7E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	4.6E+00	7.7E-07	1.0E-03	3.7E-09	1.6E-01	6.7E-01	3.9E-10
523	4.3E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10	4.2E+00	7.7E-07	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.6E-10
524	3.9E+00	2.4E-07	1.0E-03	9.9E-10	1.6E-01	6.7E-01	1.0E-10	3.8E+00	7.7E-07	1.0E-03	3.1E-09	1.6E-01	6.7E-01	3.3E-10
525	3.5E+00	2.4E-07	1.0E-03	9.1E-10	1.6E-01	6.7E-01	9.5E-11	3.5E+00	7.7E-07	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.0E-10
526	3.2E+00	2.4E-07	1.0E-03	8.3E-10	1.6E-01	6.7E-01	8.7E-11	3.2E+00	7.7E-07	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10
527	1.4E+01	2.4E-07	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.7E-10	5.2E+00	7.7E-07	1.0E-03	4.2E-09	1.6E-01	6.7E-01	4.4E-10
528	1.7E+01	2.4E-07	1.0E-03	4.4E-09	1.6E-01	6.7E-01	4.6E-10	5.8E+00	7.7E-07	1.0E-03	4.7E-09	1.6E-01	6.7E-01	4.9E-10
529	2.1E+01	2.4E-07	1.0E-03	5.4E-09	1.6E-01	6.7E-01	5.6E-10	6.4E+00	7.7E-07	1.0E-03	5.2E-09	1.6E-01	6.7E-01	5.4E-10
530	2.5E+01	2.4E-07	1.0E-03	6.4E-09	1.6E-01	6.7E-01	6.7E-10	7.1E+00	7.7E-07	1.0E-03	5.7E-09	1.6E-01	6.7E-01	6.0E-10
531	2.8E+01	2.4E-07	1.0E-03	7.2E-09	1.6E-01	6.7E-01	7.5E-10	7.8E+00	7.7E-07	1.0E-03	6.3E-09	1.6E-01	6.7E-01	6.6E-10
532	7.6E+00	2.4E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	6.4E+00	7.7E-07	1.0E-03	5.2E-09	1.6E-01	6.7E-01	5.4E-10
533	6.8E+00	2.4E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	5.9E+00	7.7E-07	1.0E-03	4.8E-09	1.6E-01	6.7E-01	5.0E-10
534	6.0E+00	2.4E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	5.4E+00	7.7E-07	1.0E-03	4.4E-09	1.6E-01	6.7E-01	4.6E-10
535	5.4E+00	2.4E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.4E-10	5.0E+00	7.7E-07	1.0E-03	4.0E-09	1.6E-01	6.7E-01	4.2E-10
536	4.9E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	4.6E+00	7.7E-07	1.0E-03	3.7E-09	1.6E-01	6.7E-01	3.9E-10
537	4.4E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10	4.2E+00	7.7E-07	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.6E-10
538	4.0E+00	2.4E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	3.9E+00	7.7E-07	1.0E-03	3.1E-09	1.6E-01	6.7E-01	3.3E-10
539	3.7E+00	2.4E-07	1.0E-03	9.4E-10	1.6E-01	6.7E-01	9.8E-11	3.6E+00	7.7E-07	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.0E-10
540	3.3E+00	2.4E-07	1.0E-03	8.5E-10	1.6E-01	6.7E-01	9.0E-11	3.3E+00	7.7E-07	1.0E-03	2.7E-09	1.6E-01	6.7E-01	2.8E-10
541	3.0E+00	2.4E-07	1.0E-03	7.8E-10	1.6E-01	6.7E-01	8.2E-11	3.0E+00	7.7E-07	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.6E-10
542	1.2E+01	2.4E-07	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.1E-10	4.6E+00	7.7E-07	1.0E-03	3.7E-09	1.6E-01	6.7E-01	3.9E-10
543	1.4E+01	2.4E-07	1.0E-03	3.5E-09	1.6E-01	6.7E-01	3.7E-10	5.1E+00	7.7E-07	1.0E-03	4.1E-09	1.6E-01	6.7E-01	4.3E-10
544	1.6E+01	2.4E-07	1.0E-03	4.1E-09	1.6E-01	6.7E-01	4.3E-10	5.6E+00	7.7E-07	1.0E-03	4.5E-09	1.6E-01	6.7E-01	4.8E-10
545	1.8E+01	2.4E-07	1.0E-03	4.7E-09	1.6E-01	6.7E-01	4.9E-10	6.1E+00	7.7E-07	1.0E-03	4.9E-09	1.6E-01	6.7E-01	5.2E-10
546	2.0E+01	2.4E-07	1.0E-03	5.1E-09	1.6E-01	6.7E-01	5.4E-10	6.6E+00	7.7E-07	1.0E-03	5.3E-09	1.6E-01	6.7E-01	5.6E-10
547	6.9E+00	2.4E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	5.7E+00	7.7E-07	1.0E-03	4.6E-09	1.6E-01	6.7E-01	4.9E-10
548	6.2E+00	2.4E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	5.3E+00	7.7E-07	1.0E-03	4.3E-09	1.6E-01	6.7E-01	4.5E-10
549	5.5E+00	2.4E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10	4.9E+00	7.7E-07	1.0E-03	4.0E-09	1.6E-01	6.7E-01	4.2E-10
550	5.0E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10	4.6E+00	7.7E-07	1.0E-03	3.7E-09	1.6E-01	6.7E-01	3.9E-10
551	4.5E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10	4.2E+00	7.7E-07	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.5E-10
552	4.0E+00	2.4E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	3.8E+00	7.7E-07	1.0E-03	3.1E-09	1.6E-01	6.7E-01	3.3E-10
553	3.7E+00	2.4E-07	1.0E-03	9.5E-10	1.6E-01	6.7E-01	9.9E-11	3.6E+00	7.7E-07	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.0E-10
554	3.4E+00	2.4E-07	1.0E-03	8.7E-10	1.6E-01	6.7E-01	9.1E-11	3.3E+00	7.7E-07	1.0E-03	2.7E-09	1.6E-01	6.7E-01	2.8E-10
555	3.1E+00	2.4E-07	1.0E-03	8.0E-10	1.6E-01	6.7E-01	8.4E-11	3.1E+00	7.7E-07	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.6E-10
556	2.9E+00	2.4E-07	1.0E-03	7.3E-10	1.6E-01	6.7E-01	7.7E-11	2.8E+00	7.7E-07	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10
557	9.6E+00	2.4E-07	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.6E-10	4.1E+00	7.7E-07	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.5E-10
558	1.1E+01	2.4E-07	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.0E-10	4.5E+00	7.7E-07	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.8E-10
559	1.3E+01	2.4E-07	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.4E-10	4.9E+00	7.7E-07	1.0E-03	4.0E-09	1.6E-01	6.7E-01	4.2E-10

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
560	1.4E+01	2.4E-07	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.8E-10	5.3E+00	7.7E-07	1.0E-03	4.3E-09	1.6E-01	6.7E-01	4.5E-10
561	1.5E+01	2.4E-07	1.0E-03	3.9E-09	1.6E-01	6.7E-01	4.1E-10	5.7E+00	7.7E-07	1.0E-03	4.6E-09	1.6E-01	6.7E-01	4.8E-10
562	5.7E+00	2.4E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10	4.9E+00	7.7E-07	1.0E-03	3.9E-09	1.6E-01	6.7E-01	4.1E-10
563	5.1E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	4.5E+00	7.7E-07	1.0E-03	3.7E-09	1.6E-01	6.7E-01	3.8E-10
564	4.6E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10	4.2E+00	7.7E-07	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.6E-10
565	4.1E+00	2.4E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	3.8E+00	7.7E-07	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.2E-10
566	3.7E+00	2.4E-07	1.0E-03	9.4E-10	1.6E-01	6.7E-01	9.9E-11	3.5E+00	7.7E-07	1.0E-03	2.8E-09	1.6E-01	6.7E-01	3.0E-10
567	3.4E+00	2.4E-07	1.0E-03	8.6E-10	1.6E-01	6.7E-01	9.1E-11	3.2E+00	7.7E-07	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10
568	3.1E+00	2.4E-07	1.0E-03	7.9E-10	1.6E-01	6.7E-01	8.3E-11	3.0E+00	7.7E-07	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.6E-10
569	2.9E+00	2.4E-07	1.0E-03	7.3E-10	1.6E-01	6.7E-01	7.7E-11	2.8E+00	7.7E-07	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10
570	2.7E+00	2.4E-07	1.0E-03	6.8E-10	1.6E-01	6.7E-01	7.2E-11	2.6E+00	7.7E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10
571	8.2E+00	2.4E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	3.7E+00	7.7E-07	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.1E-10
572	9.3E+00	2.4E-07	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	4.0E+00	7.7E-07	1.0E-03	3.2E-09	1.6E-01	6.7E-01	3.4E-10
573	1.0E+01	2.4E-07	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.8E-10	4.3E+00	7.7E-07	1.0E-03	3.5E-09	1.6E-01	6.7E-01	3.7E-10
574	1.1E+01	2.4E-07	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.0E-10	4.7E+00	7.7E-07	1.0E-03	3.8E-09	1.6E-01	6.7E-01	4.0E-10
575	1.2E+01	2.4E-07	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.2E-10	5.0E+00	7.7E-07	1.0E-03	4.0E-09	1.6E-01	6.7E-01	4.2E-10
576	4.8E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	4.2E+00	7.7E-07	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.5E-10
577	4.3E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10	3.9E+00	7.7E-07	1.0E-03	3.1E-09	1.6E-01	6.7E-01	3.3E-10
578	3.9E+00	2.4E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.0E-10	3.6E+00	7.7E-07	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.0E-10
579	3.6E+00	2.4E-07	1.0E-03	9.1E-10	1.6E-01	6.7E-01	9.6E-11	3.3E+00	7.7E-07	1.0E-03	2.7E-09	1.6E-01	6.7E-01	2.8E-10
580	3.3E+00	2.4E-07	1.0E-03	8.3E-10	1.6E-01	6.7E-01	8.8E-11	3.1E+00	7.7E-07	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.6E-10
581	3.0E+00	2.4E-07	1.0E-03	7.6E-10	1.6E-01	6.7E-01	8.0E-11	2.9E+00	7.7E-07	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10
582	2.7E+00	2.4E-07	1.0E-03	7.0E-10	1.6E-01	6.7E-01	7.3E-11	2.7E+00	7.7E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10
583	2.5E+00	2.4E-07	1.0E-03	6.4E-10	1.6E-01	6.7E-01	6.7E-11	2.5E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
584	7.0E+00	2.4E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	3.3E+00	7.7E-07	1.0E-03	2.7E-09	1.6E-01	6.7E-01	2.8E-10
585	7.8E+00	2.4E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	3.6E+00	7.7E-07	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.1E-10
586	8.5E+00	2.4E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	3.9E+00	7.7E-07	1.0E-03	3.1E-09	1.6E-01	6.7E-01	3.3E-10
587	9.1E+00	2.4E-07	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.5E-10	4.1E+00	7.7E-07	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.5E-10
588	9.7E+00	2.4E-07	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.6E-10	4.4E+00	7.7E-07	1.0E-03	3.5E-09	1.6E-01	6.7E-01	3.7E-10
589	4.1E+00	2.4E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	3.6E+00	7.7E-07	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.1E-10
590	3.8E+00	2.4E-07	1.0E-03	9.7E-10	1.6E-01	6.7E-01	1.0E-10	3.4E+00	7.7E-07	1.0E-03	2.8E-09	1.6E-01	6.7E-01	2.9E-10
591	3.5E+00	2.4E-07	1.0E-03	8.9E-10	1.6E-01	6.7E-01	9.3E-11	3.2E+00	7.7E-07	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10
592	3.2E+00	2.4E-07	1.0E-03	8.1E-10	1.6E-01	6.7E-01	8.5E-11	3.0E+00	7.7E-07	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10
593	2.9E+00	2.4E-07	1.0E-03	7.5E-10	1.6E-01	6.7E-01	7.9E-11	2.8E+00	7.7E-07	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10
594	2.7E+00	2.4E-07	1.0E-03	6.8E-10	1.6E-01	6.7E-01	7.2E-11	2.6E+00	7.7E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10
595	2.4E+00	2.4E-07	1.0E-03	6.2E-10	1.6E-01	6.7E-01	6.6E-11	2.4E+00	7.7E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10
596	6.0E+00	2.4E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	3.0E+00	7.7E-07	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.6E-10
597	6.6E+00	2.4E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	3.3E+00	7.7E-07	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.8E-10
598	7.1E+00	2.4E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	3.5E+00	7.7E-07	1.0E-03	2.8E-09	1.6E-01	6.7E-01	3.0E-10
599	7.6E+00	2.4E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.0E-10	3.7E+00	7.7E-07	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.1E-10
600	8.0E+00	2.4E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.2E-10	3.9E+00	7.7E-07	1.0E-03	3.1E-09	1.6E-01	6.7E-01	3.3E-10
601	3.5E+00	2.4E-07	1.0E-03	9.1E-10	1.6E-01	6.7E-01	9.5E-11	3.2E+00	7.7E-07	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10
602	3.3E+00	2.4E-07	1.0E-03	8.4E-10	1.6E-01	6.7E-01	8.8E-11	3.0E+00	7.7E-07	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.6E-10

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
603	3.0E+00	2.4E-07	1.0E-03	7.7E-10	1.6E-01	6.7E-01	8.1E-11	2.8E+00	7.7E-07	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10
604	2.8E+00	2.4E-07	1.0E-03	7.2E-10	1.6E-01	6.7E-01	7.5E-11	2.7E+00	7.7E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.3E-10
605	2.6E+00	2.4E-07	1.0E-03	6.6E-10	1.6E-01	6.7E-01	6.9E-11	2.5E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
606	2.4E+00	2.4E-07	1.0E-03	6.1E-10	1.6E-01	6.7E-01	6.4E-11	2.3E+00	7.7E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10
607	5.2E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	2.7E+00	7.7E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10
608	5.7E+00	2.4E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10	2.9E+00	7.7E-07	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10
609	6.1E+00	2.4E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.6E-10	3.1E+00	7.7E-07	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.7E-10
610	6.5E+00	2.4E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.7E-10	3.3E+00	7.7E-07	1.0E-03	2.7E-09	1.6E-01	6.7E-01	2.8E-10
611	6.8E+00	2.4E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	3.5E+00	7.7E-07	1.0E-03	2.8E-09	1.6E-01	6.7E-01	3.0E-10
612	3.3E+00	2.4E-07	1.0E-03	8.5E-10	1.6E-01	6.7E-01	9.0E-11	3.0E+00	7.7E-07	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10
613	3.1E+00	2.4E-07	1.0E-03	7.9E-10	1.6E-01	6.7E-01	8.3E-11	2.8E+00	7.7E-07	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10
614	2.9E+00	2.4E-07	1.0E-03	7.4E-10	1.6E-01	6.7E-01	7.7E-11	2.7E+00	7.7E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10
615	2.7E+00	2.4E-07	1.0E-03	6.8E-10	1.6E-01	6.7E-01	7.2E-11	2.5E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
616	2.5E+00	2.4E-07	1.0E-03	6.3E-10	1.6E-01	6.7E-01	6.6E-11	2.4E+00	7.7E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10
617	2.3E+00	2.4E-07	1.0E-03	5.8E-10	1.6E-01	6.7E-01	6.1E-11	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
618	4.6E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10	2.5E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
619	4.9E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10	2.7E+00	7.7E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10
620	5.3E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	2.8E+00	7.7E-07	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10
621	5.6E+00	2.4E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10	3.0E+00	7.7E-07	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10
622	5.8E+00	2.4E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	3.1E+00	7.7E-07	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.7E-10
623	3.1E+00	2.4E-07	1.0E-03	8.0E-10	1.6E-01	6.7E-01	8.4E-11	2.8E+00	7.7E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.4E-10
624	2.9E+00	2.4E-07	1.0E-03	7.5E-10	1.6E-01	6.7E-01	7.9E-11	2.6E+00	7.7E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10
625	2.7E+00	2.4E-07	1.0E-03	7.0E-10	1.6E-01	6.7E-01	7.3E-11	2.5E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
626	2.5E+00	2.4E-07	1.0E-03	6.5E-10	1.6E-01	6.7E-01	6.8E-11	2.4E+00	7.7E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10
627	2.4E+00	2.4E-07	1.0E-03	6.1E-10	1.6E-01	6.7E-01	6.4E-11	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
628	2.2E+00	2.4E-07	1.0E-03	5.6E-10	1.6E-01	6.7E-01	5.9E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
629	4.1E+00	2.4E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	2.3E+00	7.7E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10
630	4.3E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10	2.4E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
631	4.6E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10	2.6E+00	7.7E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10
632	4.8E+00	2.4E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	2.7E+00	7.7E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10
633	5.0E+00	2.4E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	2.8E+00	7.7E-07	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10
634	3.0E+00	2.4E-07	1.0E-03	7.6E-10	1.6E-01	6.7E-01	8.0E-11	2.6E+00	7.7E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10
635	2.8E+00	2.4E-07	1.0E-03	7.1E-10	1.6E-01	6.7E-01	7.4E-11	2.5E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
636	2.6E+00	2.4E-07	1.0E-03	6.6E-10	1.6E-01	6.7E-01	7.0E-11	2.4E+00	7.7E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10
637	2.4E+00	2.4E-07	1.0E-03	6.2E-10	1.6E-01	6.7E-01	6.5E-11	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
638	2.3E+00	2.4E-07	1.0E-03	5.8E-10	1.6E-01	6.7E-01	6.1E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
639	2.1E+00	2.4E-07	1.0E-03	5.4E-10	1.6E-01	6.7E-01	5.7E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
640	3.6E+00	2.4E-07	1.0E-03	9.2E-10	1.6E-01	6.7E-01	9.7E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
641	3.8E+00	2.4E-07	1.0E-03	9.8E-10	1.6E-01	6.7E-01	1.0E-10	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
642	4.1E+00	2.4E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	2.4E+00	7.7E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10
643	4.3E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10	2.5E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
644	4.4E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10	2.6E+00	7.7E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10
645	2.8E+00	2.4E-07	1.0E-03	7.1E-10	1.6E-01	6.7E-01	7.5E-11	2.4E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
646	2.6E+00	2.4E-07	1.0E-03	6.7E-10	1.6E-01	6.7E-01	7.0E-11	2.3E+00	7.7E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10
647	2.5E+00	2.4E-07	1.0E-03	6.3E-10	1.6E-01	6.7E-01	6.6E-11	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
648	2.3E+00	2.4E-07	1.0E-03	5.9E-10	1.6E-01	6.7E-01	6.2E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
649	2.2E+00	2.4E-07	1.0E-03	5.5E-10	1.6E-01	6.7E-01	5.8E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
650	2.0E+00	2.4E-07	1.0E-03	5.2E-10	1.6E-01	6.7E-01	5.5E-11	1.9E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.6E-10
651	3.2E+00	2.4E-07	1.0E-03	8.3E-10	1.6E-01	6.7E-01	8.7E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
652	3.4E+00	2.4E-07	1.0E-03	8.8E-10	1.6E-01	6.7E-01	9.2E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
653	3.6E+00	2.4E-07	1.0E-03	9.2E-10	1.6E-01	6.7E-01	9.7E-11	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.8E-10
654	3.8E+00	2.4E-07	1.0E-03	9.7E-10	1.6E-01	6.7E-01	1.0E-10	2.3E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
655	3.9E+00	2.4E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	2.4E+00	7.7E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10
656	4.0E+00	2.4E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	2.4E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
657	4.1E+00	2.4E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	2.5E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
658	4.1E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10	2.6E+00	7.7E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10
659	4.1E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10	2.6E+00	7.7E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10
660	4.1E+00	2.4E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10	2.7E+00	7.7E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10
661	4.0E+00	2.4E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	2.7E+00	7.7E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10
662	3.9E+00	2.4E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	2.7E+00	7.7E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10
663	3.8E+00	2.4E-07	1.0E-03	9.8E-10	1.6E-01	6.7E-01	1.0E-10	2.7E+00	7.7E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10
664	3.7E+00	2.4E-07	1.0E-03	9.5E-10	1.6E-01	6.7E-01	1.0E-10	2.7E+00	7.7E-07	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10
665	3.6E+00	2.4E-07	1.0E-03	9.1E-10	1.6E-01	6.7E-01	9.6E-11	2.7E+00	7.7E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.3E-10
666	3.4E+00	2.4E-07	1.0E-03	8.7E-10	1.6E-01	6.7E-01	9.2E-11	2.6E+00	7.7E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10
667	3.3E+00	2.4E-07	1.0E-03	8.3E-10	1.6E-01	6.7E-01	8.7E-11	2.6E+00	7.7E-07	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10
668	3.1E+00	2.4E-07	1.0E-03	7.9E-10	1.6E-01	6.7E-01	8.3E-11	2.5E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
669	2.9E+00	2.4E-07	1.0E-03	7.5E-10	1.6E-01	6.7E-01	7.9E-11	2.4E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
670	2.8E+00	2.4E-07	1.0E-03	7.1E-10	1.6E-01	6.7E-01	7.5E-11	2.3E+00	7.7E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10
671	2.6E+00	2.4E-07	1.0E-03	6.7E-10	1.6E-01	6.7E-01	7.0E-11	2.3E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
672	2.5E+00	2.4E-07	1.0E-03	6.3E-10	1.6E-01	6.7E-01	6.7E-11	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
673	2.3E+00	2.4E-07	1.0E-03	6.0E-10	1.6E-01	6.7E-01	6.3E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
674	2.2E+00	2.4E-07	1.0E-03	5.6E-10	1.6E-01	6.7E-01	5.9E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
675	2.1E+00	2.4E-07	1.0E-03	5.3E-10	1.6E-01	6.7E-01	5.6E-11	1.9E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
676	1.9E+00	2.4E-07	1.0E-03	5.0E-10	1.6E-01	6.7E-01	5.2E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
677	2.9E+00	2.4E-07	1.0E-03	7.5E-10	1.6E-01	6.7E-01	7.9E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10
678	3.1E+00	2.4E-07	1.0E-03	7.9E-10	1.6E-01	6.7E-01	8.3E-11	1.9E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
679	3.2E+00	2.4E-07	1.0E-03	8.3E-10	1.6E-01	6.7E-01	8.7E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
680	3.4E+00	2.4E-07	1.0E-03	8.6E-10	1.6E-01	6.7E-01	9.1E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
681	3.5E+00	2.4E-07	1.0E-03	8.9E-10	1.6E-01	6.7E-01	9.4E-11	2.2E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
682	3.6E+00	2.4E-07	1.0E-03	9.2E-10	1.6E-01	6.7E-01	9.6E-11	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
683	3.7E+00	2.4E-07	1.0E-03	9.4E-10	1.6E-01	6.7E-01	9.8E-11	2.3E+00	7.7E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10
684	3.7E+00	2.4E-07	1.0E-03	9.5E-10	1.6E-01	6.7E-01	9.9E-11	2.4E+00	7.7E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10
685	3.7E+00	2.4E-07	1.0E-03	9.5E-10	1.6E-01	6.7E-01	1.0E-10	2.4E+00	7.7E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10
686	3.7E+00	2.4E-07	1.0E-03	9.4E-10	1.6E-01	6.7E-01	9.9E-11	2.4E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
687	3.6E+00	2.4E-07	1.0E-03	9.3E-10	1.6E-01	6.7E-01	9.8E-11	2.5E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
688	3.6E+00	2.4E-07	1.0E-03	9.2E-10	1.6E-01	6.7E-01	9.6E-11	2.5E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
689	3.5E+00	2.4E-07	1.0E-03	8.9E-10	1.6E-01	6.7E-01	9.4E-11	2.5E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
690	3.4E+00	2.4E-07	1.0E-03	8.7E-10	1.6E-01	6.7E-01	9.1E-11	2.5E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
691	3.3E+00	2.4E-07	1.0E-03	8.4E-10	1.6E-01	6.7E-01	8.8E-11	2.4E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
692	3.1E+00	2.4E-07	1.0E-03	8.1E-10	1.6E-01	6.7E-01	8.5E-11	2.4E+00	7.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.0E-10
693	3.0E+00	2.4E-07	1.0E-03	7.7E-10	1.6E-01	6.7E-01	8.1E-11	2.4E+00	7.7E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10
694	2.9E+00	2.4E-07	1.0E-03	7.4E-10	1.6E-01	6.7E-01	7.7E-11	2.3E+00	7.7E-07	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10
695	2.7E+00	2.4E-07	1.0E-03	7.0E-10	1.6E-01	6.7E-01	7.4E-11	2.3E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
696	2.6E+00	2.4E-07	1.0E-03	6.7E-10	1.6E-01	6.7E-01	7.0E-11	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
697	2.5E+00	2.4E-07	1.0E-03	6.3E-10	1.6E-01	6.7E-01	6.6E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
698	2.3E+00	2.4E-07	1.0E-03	6.0E-10	1.6E-01	6.7E-01	6.3E-11	2.0E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.7E-10
699	2.2E+00	2.4E-07	1.0E-03	5.7E-10	1.6E-01	6.7E-01	5.9E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
700	2.1E+00	2.4E-07	1.0E-03	5.4E-10	1.6E-01	6.7E-01	5.6E-11	1.9E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
701	2.0E+00	2.4E-07	1.0E-03	5.1E-10	1.6E-01	6.7E-01	5.3E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10
702	1.9E+00	2.4E-07	1.0E-03	4.8E-10	1.6E-01	6.7E-01	5.0E-11	1.7E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
703	2.7E+00	2.4E-07	1.0E-03	6.8E-10	1.6E-01	6.7E-01	7.1E-11	1.7E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.4E-10
704	2.8E+00	2.4E-07	1.0E-03	7.1E-10	1.6E-01	6.7E-01	7.5E-11	1.8E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
705	2.9E+00	2.4E-07	1.0E-03	7.5E-10	1.6E-01	6.7E-01	7.9E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
706	3.0E+00	2.4E-07	1.0E-03	7.8E-10	1.6E-01	6.7E-01	8.2E-11	1.9E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.6E-10
707	3.1E+00	2.4E-07	1.0E-03	8.0E-10	1.6E-01	6.7E-01	8.4E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
708	3.2E+00	2.4E-07	1.0E-03	8.2E-10	1.6E-01	6.7E-01	8.7E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.7E-10
709	3.3E+00	2.4E-07	1.0E-03	8.4E-10	1.6E-01	6.7E-01	8.8E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
710	3.3E+00	2.4E-07	1.0E-03	8.5E-10	1.6E-01	6.7E-01	8.9E-11	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.8E-10
711	3.3E+00	2.4E-07	1.0E-03	8.5E-10	1.6E-01	6.7E-01	9.0E-11	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
712	3.3E+00	2.4E-07	1.0E-03	8.5E-10	1.6E-01	6.7E-01	9.0E-11	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
713	3.3E+00	2.4E-07	1.0E-03	8.5E-10	1.6E-01	6.7E-01	8.9E-11	2.3E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
714	3.3E+00	2.4E-07	1.0E-03	8.3E-10	1.6E-01	6.7E-01	8.7E-11	2.3E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
715	3.2E+00	2.4E-07	1.0E-03	8.1E-10	1.6E-01	6.7E-01	8.6E-11	2.3E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
716	3.1E+00	2.4E-07	1.0E-03	7.9E-10	1.6E-01	6.7E-01	8.3E-11	2.3E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
717	3.0E+00	2.4E-07	1.0E-03	7.7E-10	1.6E-01	6.7E-01	8.1E-11	2.3E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
718	2.9E+00	2.4E-07	1.0E-03	7.4E-10	1.6E-01	6.7E-01	7.8E-11	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
719	2.8E+00	2.4E-07	1.0E-03	7.2E-10	1.6E-01	6.7E-01	7.5E-11	2.2E+00	7.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
720	2.7E+00	2.4E-07	1.0E-03	6.9E-10	1.6E-01	6.7E-01	7.2E-11	2.2E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
721	2.6E+00	2.4E-07	1.0E-03	6.6E-10	1.6E-01	6.7E-01	6.9E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
722	2.4E+00	2.4E-07	1.0E-03	6.2E-10	1.6E-01	6.7E-01	6.6E-11	2.0E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.7E-10
723	2.3E+00	2.4E-07	1.0E-03	5.9E-10	1.6E-01	6.7E-01	6.2E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
724	2.2E+00	2.4E-07	1.0E-03	5.7E-10	1.6E-01	6.7E-01	5.9E-11	1.9E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.6E-10
725	2.1E+00	2.4E-07	1.0E-03	5.4E-10	1.6E-01	6.7E-01	5.6E-11	1.9E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
726	2.0E+00	2.4E-07	1.0E-03	5.1E-10	1.6E-01	6.7E-01	5.4E-11	1.8E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
727	1.9E+00	2.4E-07	1.0E-03	4.8E-10	1.6E-01	6.7E-01	5.1E-11	1.7E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
728	1.8E+00	2.4E-07	1.0E-03	4.6E-10	1.6E-01	6.7E-01	4.8E-11	1.7E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10
729	2.4E+00	2.4E-07	1.0E-03	6.2E-10	1.6E-01	6.7E-01	6.5E-11	1.6E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10
730	2.5E+00	2.4E-07	1.0E-03	6.5E-10	1.6E-01	6.7E-01	6.8E-11	1.6E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10
731	2.6E+00	2.4E-07	1.0E-03	6.8E-10	1.6E-01	6.7E-01	7.1E-11	1.7E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
732	2.7E+00	2.4E-07	1.0E-03	7.0E-10	1.6E-01	6.7E-01	7.4E-11	1.8E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
733	2.8E+00	2.4E-07	1.0E-03	7.3E-10	1.6E-01	6.7E-01	7.6E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
734	2.9E+00	2.4E-07	1.0E-03	7.5E-10	1.6E-01	6.7E-01	7.8E-11	1.9E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
735	3.0E+00	2.4E-07	1.0E-03	7.6E-10	1.6E-01	6.7E-01	8.0E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
736	3.0E+00	2.4E-07	1.0E-03	7.7E-10	1.6E-01	6.7E-01	8.1E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
737	3.0E+00	2.4E-07	1.0E-03	7.7E-10	1.6E-01	6.7E-01	8.1E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
738	3.0E+00	2.4E-07	1.0E-03	7.7E-10	1.6E-01	6.7E-01	8.1E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
739	3.0E+00	2.4E-07	1.0E-03	7.7E-10	1.6E-01	6.7E-01	8.1E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
740	3.0E+00	2.4E-07	1.0E-03	7.6E-10	1.6E-01	6.7E-01	8.0E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
741	2.9E+00	2.4E-07	1.0E-03	7.5E-10	1.6E-01	6.7E-01	7.8E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
742	2.9E+00	2.4E-07	1.0E-03	7.3E-10	1.6E-01	6.7E-01	7.7E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
743	2.8E+00	2.4E-07	1.0E-03	7.1E-10	1.6E-01	6.7E-01	7.5E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
744	2.7E+00	2.4E-07	1.0E-03	6.9E-10	1.6E-01	6.7E-01	7.2E-11	2.1E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
745	2.6E+00	2.4E-07	1.0E-03	6.7E-10	1.6E-01	6.7E-01	7.0E-11	2.0E+00	7.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.7E-10
746	2.5E+00	2.4E-07	1.0E-03	6.4E-10	1.6E-01	6.7E-01	6.7E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
747	2.4E+00	2.4E-07	1.0E-03	6.1E-10	1.6E-01	6.7E-01	6.5E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
748	2.3E+00	2.4E-07	1.0E-03	5.9E-10	1.6E-01	6.7E-01	6.2E-11	1.9E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
749	2.2E+00	2.4E-07	1.0E-03	5.6E-10	1.6E-01	6.7E-01	5.9E-11	1.9E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
750	2.1E+00	2.4E-07	1.0E-03	5.3E-10	1.6E-01	6.7E-01	5.6E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10
751	2.0E+00	2.4E-07	1.0E-03	5.1E-10	1.6E-01	6.7E-01	5.3E-11	1.8E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
752	1.9E+00	2.4E-07	1.0E-03	4.8E-10	1.6E-01	6.7E-01	5.1E-11	1.7E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.4E-10
753	1.8E+00	2.4E-07	1.0E-03	4.6E-10	1.6E-01	6.7E-01	4.8E-11	1.6E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10
754	1.7E+00	2.4E-07	1.0E-03	4.4E-10	1.6E-01	6.7E-01	4.6E-11	1.6E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10
755	2.2E+00	2.4E-07	1.0E-03	5.7E-10	1.6E-01	6.7E-01	6.0E-11	1.5E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10
756	2.3E+00	2.4E-07	1.0E-03	5.9E-10	1.6E-01	6.7E-01	6.2E-11	1.5E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10
757	2.4E+00	2.4E-07	1.0E-03	6.2E-10	1.6E-01	6.7E-01	6.5E-11	1.6E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10
758	2.5E+00	2.4E-07	1.0E-03	6.4E-10	1.6E-01	6.7E-01	6.7E-11	1.6E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10
759	2.6E+00	2.4E-07	1.0E-03	6.6E-10	1.6E-01	6.7E-01	6.9E-11	1.7E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.4E-10
760	2.6E+00	2.4E-07	1.0E-03	6.8E-10	1.6E-01	6.7E-01	7.1E-11	1.8E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
761	2.7E+00	2.4E-07	1.0E-03	6.9E-10	1.6E-01	6.7E-01	7.2E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10
762	2.7E+00	2.4E-07	1.0E-03	7.0E-10	1.6E-01	6.7E-01	7.3E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
763	2.8E+00	2.4E-07	1.0E-03	7.0E-10	1.6E-01	6.7E-01	7.4E-11	1.9E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
764	2.8E+00	2.4E-07	1.0E-03	7.1E-10	1.6E-01	6.7E-01	7.4E-11	1.9E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
765	2.7E+00	2.4E-07	1.0E-03	7.0E-10	1.6E-01	6.7E-01	7.4E-11	1.9E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.6E-10
766	2.7E+00	2.4E-07	1.0E-03	7.0E-10	1.6E-01	6.7E-01	7.3E-11	1.9E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
767	2.7E+00	2.4E-07	1.0E-03	6.8E-10	1.6E-01	6.7E-01	7.2E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
768	2.6E+00	2.4E-07	1.0E-03	6.7E-10	1.6E-01	6.7E-01	7.1E-11	2.0E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
769	2.6E+00	2.4E-07	1.0E-03	6.6E-10	1.6E-01	6.7E-01	6.9E-11	1.9E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
770	2.5E+00	2.4E-07	1.0E-03	6.4E-10	1.6E-01	6.7E-01	6.7E-11	1.9E+00	7.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.6E-10
771	2.4E+00	2.4E-07	1.0E-03	6.2E-10	1.6E-01	6.7E-01	6.5E-11	1.9E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
772	2.3E+00	2.4E-07	1.0E-03	6.0E-10	1.6E-01	6.7E-01	6.3E-11	1.9E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
773	2.2E+00	2.4E-07	1.0E-03	5.8E-10	1.6E-01	6.7E-01	6.0E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
774	2.2E+00	2.4E-07	1.0E-03	5.5E-10	1.6E-01	6.7E-01	5.8E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
775	2.1E+00	2.4E-07	1.0E-03	5.3E-10	1.6E-01	6.7E-01	5.5E-11	1.8E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
776	2.0E+00	2.4E-07	1.0E-03	5.1E-10	1.6E-01	6.7E-01	5.3E-11	1.7E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.4E-10
777	1.9E+00	2.4E-07	1.0E-03	4.8E-10	1.6E-01	6.7E-01	5.1E-11	1.7E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10
778	1.8E+00	2.4E-07	1.0E-03	4.6E-10	1.6E-01	6.7E-01	4.8E-11	1.6E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10
779	1.7E+00	2.4E-07	1.0E-03	4.4E-10	1.6E-01	6.7E-01	4.6E-11	1.6E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10
780	1.6E+00	2.4E-07	1.0E-03	4.2E-10	1.6E-01	6.7E-01	4.4E-11	1.5E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10
781	2.0E+00	2.4E-07	1.0E-03	5.2E-10	1.6E-01	6.7E-01	5.5E-11	1.4E+00	7.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10
782	2.1E+00	2.4E-07	1.0E-03	5.4E-10	1.6E-01	6.7E-01	5.7E-11	1.4E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10
783	2.2E+00	2.4E-07	1.0E-03	5.7E-10	1.6E-01	6.7E-01	5.9E-11	1.5E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10
784	2.3E+00	2.4E-07	1.0E-03	5.9E-10	1.6E-01	6.7E-01	6.1E-11	1.5E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10
785	2.4E+00	2.4E-07	1.0E-03	6.0E-10	1.6E-01	6.7E-01	6.3E-11	1.6E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10
786	2.4E+00	2.4E-07	1.0E-03	6.2E-10	1.6E-01	6.7E-01	6.5E-11	1.6E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10
787	2.5E+00	2.4E-07	1.0E-03	6.3E-10	1.6E-01	6.7E-01	6.6E-11	1.7E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.4E-10
788	2.5E+00	2.4E-07	1.0E-03	6.4E-10	1.6E-01	6.7E-01	6.7E-11	1.7E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
789	2.5E+00	2.4E-07	1.0E-03	6.4E-10	1.6E-01	6.7E-01	6.8E-11	1.7E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
790	2.5E+00	2.4E-07	1.0E-03	6.5E-10	1.6E-01	6.7E-01	6.8E-11	1.8E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
791	2.5E+00	2.4E-07	1.0E-03	6.4E-10	1.6E-01	6.7E-01	6.8E-11	1.8E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
792	2.5E+00	2.4E-07	1.0E-03	6.4E-10	1.6E-01	6.7E-01	6.7E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10
793	2.5E+00	2.4E-07	1.0E-03	6.3E-10	1.6E-01	6.7E-01	6.6E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10
794	2.4E+00	2.4E-07	1.0E-03	6.2E-10	1.6E-01	6.7E-01	6.5E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10
795	2.4E+00	2.4E-07	1.0E-03	6.1E-10	1.6E-01	6.7E-01	6.4E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10
796	2.3E+00	2.4E-07	1.0E-03	5.9E-10	1.6E-01	6.7E-01	6.2E-11	1.8E+00	7.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10
797	2.3E+00	2.4E-07	1.0E-03	5.8E-10	1.6E-01	6.7E-01	6.1E-11	1.8E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
798	2.2E+00	2.4E-07	1.0E-03	5.6E-10	1.6E-01	6.7E-01	5.9E-11	1.8E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
799	2.1E+00	2.4E-07	1.0E-03	5.4E-10	1.6E-01	6.7E-01	5.7E-11	1.7E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10
800	2.0E+00	2.4E-07	1.0E-03	5.2E-10	1.6E-01	6.7E-01	5.4E-11	1.7E+00	7.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.4E-10
801	1.9E+00	2.4E-07	1.0E-03	5.0E-10	1.6E-01	6.7E-01	5.2E-11	1.6E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10
802	1.9E+00	2.4E-07	1.0E-03	4.8E-10	1.6E-01	6.7E-01	5.0E-11	1.6E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10
803	1.8E+00	2.4E-07	1.0E-03	4.6E-10	1.6E-01	6.7E-01	4.8E-11	1.6E+00	7.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10
804	1.7E+00	2.4E-07	1.0E-03	4.4E-10	1.6E-01	6.7E-01	4.6E-11	1.5E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10
805	1.6E+00	2.4E-07	1.0E-03	4.2E-10	1.6E-01	6.7E-01	4.4E-11	1.5E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10
806	1.6E+00	2.4E-07	1.0E-03	4.0E-10	1.6E-01	6.7E-01	4.2E-11	1.4E+00	7.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
1	5.1E-01	1.6E-06	1.0E-03	8.4E-10	1.6E-01	6.7E-01	8.9E-11	3.9E+00	1.7E-07	1.0E-03	6.9E-10	1.6E-01	6.7E-01	7.3E-11
2	6.4E-01	1.6E-06	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10	4.4E+00	1.7E-07	1.0E-03	7.8E-10	1.6E-01	6.7E-01	8.2E-11
3	8.1E-01	1.6E-06	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	4.7E+00	1.7E-07	1.0E-03	8.3E-10	1.6E-01	6.7E-01	8.7E-11
4	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.8E+00	1.7E-07	1.0E-03	8.6E-10	1.6E-01	6.7E-01	9.0E-11
5	1.4E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.4E-10	4.8E+00	1.7E-07	1.0E-03	8.6E-10	1.6E-01	6.7E-01	9.1E-11
6	1.7E+00	1.6E-06	1.0E-03	2.8E-09	1.6E-01	6.7E-01	3.0E-10	4.7E+00	1.7E-07	1.0E-03	8.3E-10	1.6E-01	6.7E-01	8.7E-11
7	2.1E+00	1.6E-06	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.6E-10	4.3E+00	1.7E-07	1.0E-03	7.6E-10	1.6E-01	6.7E-01	8.0E-11
8	2.4E+00	1.6E-06	1.0E-03	4.0E-09	1.6E-01	6.7E-01	4.2E-10	3.6E+00	1.7E-07	1.0E-03	6.4E-10	1.6E-01	6.7E-01	6.7E-11
9	2.6E+00	1.6E-06	1.0E-03	4.3E-09	1.6E-01	6.7E-01	4.5E-10	2.8E+00	1.7E-07	1.0E-03	5.0E-10	1.6E-01	6.7E-01	5.3E-11
10	2.5E+00	1.6E-06	1.0E-03	4.2E-09	1.6E-01	6.7E-01	4.4E-10	2.2E+00	1.7E-07	1.0E-03	3.8E-10	1.6E-01	6.7E-01	4.0E-11
11	2.3E+00	1.6E-06	1.0E-03	3.8E-09	1.6E-01	6.7E-01	4.0E-10	1.6E+00	1.7E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.1E-11
12	2.0E+00	1.6E-06	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.5E-10	1.3E+00	1.7E-07	1.0E-03	2.3E-10	1.6E-01	6.7E-01	2.4E-11
13	1.7E+00	1.6E-06	1.0E-03	2.8E-09	1.6E-01	6.7E-01	3.0E-10	1.0E+00	1.7E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11
14	1.4E+00	1.6E-06	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	8.0E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
15	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	6.5E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11
16	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	5.4E-01	1.7E-07	1.0E-03	9.6E-11	1.6E-01	6.7E-01	1.0E-11
17	5.9E-01	1.6E-06	1.0E-03	9.8E-10	1.6E-01	6.7E-01	1.0E-10	8.3E+00	1.7E-07	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10
18	7.7E-01	1.6E-06	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10	8.9E+00	1.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
19	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	9.3E+00	1.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.7E-10
20	1.4E+00	1.6E-06	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	9.5E+00	1.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
21	2.1E+00	1.6E-06	1.0E-03	3.5E-09	1.6E-01	6.7E-01	3.7E-10	9.4E+00	1.7E-07	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10
22	3.1E+00	1.6E-06	1.0E-03	5.2E-09	1.6E-01	6.7E-01	5.4E-10	9.0E+00	1.7E-07	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10
23	4.2E+00	1.6E-06	1.0E-03	7.0E-09	1.6E-01	6.7E-01	7.4E-10	7.7E+00	1.7E-07	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.4E-10
24	4.9E+00	1.6E-06	1.0E-03	8.1E-09	1.6E-01	6.7E-01	8.6E-10	5.3E+00	1.7E-07	1.0E-03	9.4E-10	1.6E-01	6.7E-01	9.9E-11
25	4.5E+00	1.6E-06	1.0E-03	7.5E-09	1.6E-01	6.7E-01	7.9E-10	3.4E+00	1.7E-07	1.0E-03	6.1E-10	1.6E-01	6.7E-01	6.5E-11
26	3.8E+00	1.6E-06	1.0E-03	6.3E-09	1.6E-01	6.7E-01	6.6E-10	2.3E+00	1.7E-07	1.0E-03	4.2E-10	1.6E-01	6.7E-01	4.4E-11
27	3.1E+00	1.6E-06	1.0E-03	5.1E-09	1.6E-01	6.7E-01	5.3E-10	1.7E+00	1.7E-07	1.0E-03	3.0E-10	1.6E-01	6.7E-01	3.1E-11
28	2.5E+00	1.6E-06	1.0E-03	4.1E-09	1.6E-01	6.7E-01	4.3E-10	1.2E+00	1.7E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11
29	2.0E+00	1.6E-06	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.4E-10	9.4E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11
30	1.6E+00	1.6E-06	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.8E-10	7.5E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
31	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	6.1E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
32	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.8E-10	5.0E-01	1.7E-07	1.0E-03	8.9E-11	1.6E-01	6.7E-01	9.4E-12
33	6.7E-01	1.6E-06	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10	6.9E+00	1.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10
34	9.0E-01	1.6E-06	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	1.1E+01	1.7E-07	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10
35	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	6.2E+00	1.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10
36	2.0E+00	1.6E-06	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.4E-10	6.1E+00	1.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10
37	3.4E+00	1.6E-06	1.0E-03	5.7E-09	1.6E-01	6.7E-01	5.9E-10	6.0E+00	1.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10
38	7.2E+00	1.6E-06	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.3E-09	5.4E+00	1.7E-07	1.0E-03	9.6E-10	1.6E-01	6.7E-01	1.0E-10
39	1.6E+01	1.6E-06	1.0E-03	2.6E-08	1.6E-01	6.7E-01	2.7E-09	6.2E+00	1.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10
40	1.1E+01	1.6E-06	1.0E-03	1.9E-08	1.6E-01	6.7E-01	2.0E-09	7.1E+00	1.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10
41	7.5E+00	1.6E-06	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.3E-09	3.6E+00	1.7E-07	1.0E-03	6.5E-10	1.6E-01	6.7E-01	6.8E-11
42	5.2E+00	1.6E-06	1.0E-03	8.7E-09	1.6E-01	6.7E-01	9.1E-10	2.2E+00	1.7E-07	1.0E-03	4.0E-10	1.6E-01	6.7E-01	4.2E-11
43	3.8E+00	1.6E-06	1.0E-03	6.3E-09	1.6E-01	6.7E-01	6.6E-10	1.5E+00	1.7E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.8E-11

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
44	2.8E+00	1.6E-06	1.0E-03	4.7E-09	1.6E-01	6.7E-01	4.9E-10	1.1E+00	1.7E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11
45	2.1E+00	1.6E-06	1.0E-03	3.5E-09	1.6E-01	6.7E-01	3.7E-10	8.5E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
46	1.7E+00	1.6E-06	1.0E-03	2.7E-09	1.6E-01	6.7E-01	2.9E-10	6.7E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
47	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	5.4E-01	1.7E-07	1.0E-03	9.7E-11	1.6E-01	6.7E-01	1.0E-11
48	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.5E-01	1.7E-07	1.0E-03	8.1E-11	1.6E-01	6.7E-01	8.5E-12
49	7.3E-01	1.6E-06	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	6.3E+00	1.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10
50	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	1.0E+01	1.7E-07	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10
51	1.5E+00	1.6E-06	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.6E-10	5.6E+00	1.7E-07	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10
52	2.5E+00	1.6E-06	1.0E-03	4.2E-09	1.6E-01	6.7E-01	4.4E-10	5.5E+00	1.7E-07	1.0E-03	9.8E-10	1.6E-01	6.7E-01	1.0E-10
53	5.0E+00	1.6E-06	1.0E-03	8.3E-09	1.6E-01	6.7E-01	8.7E-10	5.3E+00	1.7E-07	1.0E-03	9.4E-10	1.6E-01	6.7E-01	9.8E-11
54	1.5E+01	1.6E-06	1.0E-03	2.5E-08	1.6E-01	6.7E-01	2.6E-09	4.5E+00	1.7E-07	1.0E-03	8.1E-10	1.6E-01	6.7E-01	8.5E-11
55	1.6E+01	1.6E-06	1.0E-03	2.7E-08	1.6E-01	6.7E-01	2.8E-09	5.2E+00	1.7E-07	1.0E-03	9.3E-10	1.6E-01	6.7E-01	9.8E-11
56	2.1E+01	1.6E-06	1.0E-03	3.5E-08	1.6E-01	6.7E-01	3.7E-09	6.0E+00	1.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10
57	1.0E+01	1.6E-06	1.0E-03	1.7E-08	1.6E-01	6.7E-01	1.8E-09	3.0E+00	1.7E-07	1.0E-03	5.4E-10	1.6E-01	6.7E-01	5.7E-11
58	6.3E+00	1.6E-06	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09	1.9E+00	1.7E-07	1.0E-03	3.3E-10	1.6E-01	6.7E-01	3.5E-11
59	4.2E+00	1.6E-06	1.0E-03	7.0E-09	1.6E-01	6.7E-01	7.3E-10	1.3E+00	1.7E-07	1.0E-03	2.3E-10	1.6E-01	6.7E-01	2.4E-11
60	2.9E+00	1.6E-06	1.0E-03	4.9E-09	1.6E-01	6.7E-01	5.1E-10	9.5E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11
61	2.2E+00	1.6E-06	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.7E-10	7.4E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
62	1.6E+00	1.6E-06	1.0E-03	2.7E-09	1.6E-01	6.7E-01	2.8E-10	5.9E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
63	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	4.8E-01	1.7E-07	1.0E-03	8.6E-11	1.6E-01	6.7E-01	9.1E-12
64	9.9E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	4.0E-01	1.7E-07	1.0E-03	7.2E-11	1.6E-01	6.7E-01	7.6E-12
65	7.7E-01	1.6E-06	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10	7.0E+00	1.7E-07	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10
66	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	7.3E+00	1.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10
67	1.7E+00	1.6E-06	1.0E-03	2.8E-09	1.6E-01	6.7E-01	2.9E-10	7.4E+00	1.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10
68	2.9E+00	1.6E-06	1.0E-03	4.8E-09	1.6E-01	6.7E-01	5.0E-10	7.3E+00	1.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10
69	6.1E+00	1.6E-06	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09	7.0E+00	1.7E-07	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10
70	1.9E+01	1.6E-06	1.0E-03	3.1E-08	1.6E-01	6.7E-01	3.3E-09	6.4E+00	1.7E-07	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10
71	2.6E+01	1.6E-06	1.0E-03	4.2E-08	1.6E-01	6.7E-01	4.5E-09	5.2E+00	1.7E-07	1.0E-03	9.2E-10	1.6E-01	6.7E-01	9.7E-11
72	2.5E+01	1.6E-06	1.0E-03	4.2E-08	1.6E-01	6.7E-01	4.4E-09	3.4E+00	1.7E-07	1.0E-03	6.1E-10	1.6E-01	6.7E-01	6.4E-11
73	1.2E+01	1.6E-06	1.0E-03	1.9E-08	1.6E-01	6.7E-01	2.0E-09	2.2E+00	1.7E-07	1.0E-03	3.9E-10	1.6E-01	6.7E-01	4.1E-11
74	6.7E+00	1.6E-06	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.2E-09	1.5E+00	1.7E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.8E-11
75	4.2E+00	1.6E-06	1.0E-03	6.9E-09	1.6E-01	6.7E-01	7.3E-10	1.1E+00	1.7E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11
76	2.8E+00	1.6E-06	1.0E-03	4.7E-09	1.6E-01	6.7E-01	4.9E-10	8.2E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.5E-11
77	2.0E+00	1.6E-06	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.5E-10	6.4E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
78	1.5E+00	1.6E-06	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.6E-10	5.2E-01	1.7E-07	1.0E-03	9.3E-11	1.6E-01	6.7E-01	9.7E-12
79	1.2E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	4.3E-01	1.7E-07	1.0E-03	7.7E-11	1.6E-01	6.7E-01	8.1E-12
80	9.1E-01	1.6E-06	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	3.6E-01	1.7E-07	1.0E-03	6.5E-11	1.6E-01	6.7E-01	6.8E-12
81	7.7E-01	1.6E-06	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10	3.5E+00	1.7E-07	1.0E-03	6.3E-10	1.6E-01	6.7E-01	6.6E-11
82	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	3.8E+00	1.7E-07	1.0E-03	6.7E-10	1.6E-01	6.7E-01	7.0E-11
83	1.7E+00	1.6E-06	1.0E-03	2.8E-09	1.6E-01	6.7E-01	3.0E-10	3.8E+00	1.7E-07	1.0E-03	6.9E-10	1.6E-01	6.7E-01	7.2E-11
84	3.0E+00	1.6E-06	1.0E-03	4.9E-09	1.6E-01	6.7E-01	5.1E-10	3.8E+00	1.7E-07	1.0E-03	6.8E-10	1.6E-01	6.7E-01	7.2E-11
85	6.2E+00	1.6E-06	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09	3.7E+00	1.7E-07	1.0E-03	6.6E-10	1.6E-01	6.7E-01	6.9E-11
86	1.9E+01	1.6E-06	1.0E-03	3.2E-08	1.6E-01	6.7E-01	3.3E-09	3.4E+00	1.7E-07	1.0E-03	6.0E-10	1.6E-01	6.7E-01	6.3E-11

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
87	2.7E+01	1.6E-06	1.0E-03	4.4E-08	1.6E-01	6.7E-01	4.6E-09	2.9E+00	1.7E-07	1.0E-03	5.1E-10	1.6E-01	6.7E-01	5.4E-11
88	2.5E+01	1.6E-06	1.0E-03	4.2E-08	1.6E-01	6.7E-01	4.4E-09	2.2E+00	1.7E-07	1.0E-03	4.0E-10	1.6E-01	6.7E-01	4.2E-11
89	1.1E+01	1.6E-06	1.0E-03	1.9E-08	1.6E-01	6.7E-01	2.0E-09	1.6E+00	1.7E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.1E-11
90	6.2E+00	1.6E-06	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09	1.2E+00	1.7E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11
91	3.8E+00	1.6E-06	1.0E-03	6.3E-09	1.6E-01	6.7E-01	6.6E-10	9.1E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
92	2.5E+00	1.6E-06	1.0E-03	4.2E-09	1.6E-01	6.7E-01	4.4E-10	7.1E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.3E-11
93	1.8E+00	1.6E-06	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.1E-10	5.7E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
94	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	4.7E-01	1.7E-07	1.0E-03	8.3E-11	1.6E-01	6.7E-01	8.7E-12
95	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	3.9E-01	1.7E-07	1.0E-03	7.0E-11	1.6E-01	6.7E-01	7.3E-12
96	8.1E-01	1.6E-06	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	3.3E-01	1.7E-07	1.0E-03	5.9E-11	1.6E-01	6.7E-01	6.2E-12
97	7.4E-01	1.6E-06	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	2.2E+00	1.7E-07	1.0E-03	3.9E-10	1.6E-01	6.7E-01	4.1E-11
98	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	2.4E+00	1.7E-07	1.0E-03	4.2E-10	1.6E-01	6.7E-01	4.4E-11
99	1.6E+00	1.6E-06	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.8E-10	2.4E+00	1.7E-07	1.0E-03	4.3E-10	1.6E-01	6.7E-01	4.6E-11
100	2.7E+00	1.6E-06	1.0E-03	4.5E-09	1.6E-01	6.7E-01	4.7E-10	2.4E+00	1.7E-07	1.0E-03	4.3E-10	1.6E-01	6.7E-01	4.6E-11
101	5.6E+00	1.6E-06	1.0E-03	9.2E-09	1.6E-01	6.7E-01	9.7E-10	2.4E+00	1.7E-07	1.0E-03	4.2E-10	1.6E-01	6.7E-01	4.4E-11
102	1.7E+01	1.6E-06	1.0E-03	2.8E-08	1.6E-01	6.7E-01	3.0E-09	2.2E+00	1.7E-07	1.0E-03	3.9E-10	1.6E-01	6.7E-01	4.1E-11
103	2.3E+01	1.6E-06	1.0E-03	3.8E-08	1.6E-01	6.7E-01	4.0E-09	1.9E+00	1.7E-07	1.0E-03	3.5E-10	1.6E-01	6.7E-01	3.6E-11
104	2.2E+01	1.6E-06	1.0E-03	3.6E-08	1.6E-01	6.7E-01	3.8E-09	1.6E+00	1.7E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.0E-11
105	9.3E+00	1.6E-06	1.0E-03	1.5E-08	1.6E-01	6.7E-01	1.6E-09	1.3E+00	1.7E-07	1.0E-03	2.3E-10	1.6E-01	6.7E-01	2.4E-11
106	5.1E+00	1.6E-06	1.0E-03	8.5E-09	1.6E-01	6.7E-01	8.9E-10	1.0E+00	1.7E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11
107	3.2E+00	1.6E-06	1.0E-03	5.3E-09	1.6E-01	6.7E-01	5.5E-10	7.9E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
108	2.2E+00	1.6E-06	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.8E-10	6.3E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
109	1.5E+00	1.6E-06	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10	5.1E-01	1.7E-07	1.0E-03	9.2E-11	1.6E-01	6.7E-01	9.6E-12
110	1.2E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	4.3E-01	1.7E-07	1.0E-03	7.6E-11	1.6E-01	6.7E-01	8.0E-12
111	9.0E-01	1.6E-06	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	3.6E-01	1.7E-07	1.0E-03	6.4E-11	1.6E-01	6.7E-01	6.7E-12
112	7.2E-01	1.6E-06	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	3.1E-01	1.7E-07	1.0E-03	5.5E-11	1.6E-01	6.7E-01	5.7E-12
113	6.8E-01	1.6E-06	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10	1.5E+00	1.7E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.8E-11
114	9.4E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.6E-10	1.6E+00	1.7E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.0E-11
115	1.4E+00	1.6E-06	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10	1.7E+00	1.7E-07	1.0E-03	3.0E-10	1.6E-01	6.7E-01	3.2E-11
116	2.2E+00	1.6E-06	1.0E-03	3.7E-09	1.6E-01	6.7E-01	3.9E-10	1.7E+00	1.7E-07	1.0E-03	3.0E-10	1.6E-01	6.7E-01	3.2E-11
117	4.1E+00	1.6E-06	1.0E-03	6.9E-09	1.6E-01	6.7E-01	7.2E-10	1.7E+00	1.7E-07	1.0E-03	3.0E-10	1.6E-01	6.7E-01	3.1E-11
118	3.8E+00	1.6E-06	1.0E-03	6.4E-09	1.6E-01	6.7E-01	6.7E-10	8.5E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
119	2.5E+00	1.6E-06	1.0E-03	4.2E-09	1.6E-01	6.7E-01	4.4E-10	6.9E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
120	1.8E+00	1.6E-06	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.1E-10	5.7E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
121	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	4.7E-01	1.7E-07	1.0E-03	8.4E-11	1.6E-01	6.7E-01	8.8E-12
122	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	3.9E-01	1.7E-07	1.0E-03	7.0E-11	1.6E-01	6.7E-01	7.4E-12
123	7.9E-01	1.6E-06	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	3.3E-01	1.7E-07	1.0E-03	6.0E-11	1.6E-01	6.7E-01	6.3E-12
124	6.4E-01	1.6E-06	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10	2.9E-01	1.7E-07	1.0E-03	5.1E-11	1.6E-01	6.7E-01	5.4E-12
125	6.1E-01	1.6E-06	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	1.1E+00	1.7E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11
126	8.1E-01	1.6E-06	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	1.2E+00	1.7E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.2E-11
127	1.1E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	1.2E+00	1.7E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11
128	1.7E+00	1.6E-06	1.0E-03	2.8E-09	1.6E-01	6.7E-01	2.9E-10	1.3E+00	1.7E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.4E-11
129	2.7E+00	1.6E-06	1.0E-03	4.4E-09	1.6E-01	6.7E-01	4.6E-10	1.2E+00	1.7E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
130	2.8E+00	1.6E-06	1.0E-03	4.6E-09	1.6E-01	6.7E-01	4.9E-10	7.2E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
131	2.0E+00	1.6E-06	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.5E-10	6.1E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
132	1.5E+00	1.6E-06	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.6E-10	5.1E-01	1.7E-07	1.0E-03	9.1E-11	1.6E-01	6.7E-01	9.5E-12
133	1.1E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	4.3E-01	1.7E-07	1.0E-03	7.7E-11	1.6E-01	6.7E-01	8.1E-12
134	8.9E-01	1.6E-06	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10	3.7E-01	1.7E-07	1.0E-03	6.5E-11	1.6E-01	6.7E-01	6.9E-12
135	7.1E-01	1.6E-06	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10	3.1E-01	1.7E-07	1.0E-03	5.6E-11	1.6E-01	6.7E-01	5.9E-12
136	5.8E-01	1.6E-06	1.0E-03	9.6E-10	1.6E-01	6.7E-01	1.0E-10	2.7E-01	1.7E-07	1.0E-03	4.8E-11	1.6E-01	6.7E-01	5.1E-12
137	5.3E-01	1.6E-06	1.0E-03	8.8E-10	1.6E-01	6.7E-01	9.3E-11	8.3E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
138	6.9E-01	1.6E-06	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10	9.0E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
139	9.1E-01	1.6E-06	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	9.4E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11
140	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	9.6E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11
141	1.7E+00	1.6E-06	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.0E-10	9.6E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11
142	2.0E+00	1.6E-06	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.5E-10	6.1E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
143	1.6E+00	1.6E-06	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10	5.3E-01	1.7E-07	1.0E-03	9.5E-11	1.6E-01	6.7E-01	9.9E-12
144	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	4.6E-01	1.7E-07	1.0E-03	8.1E-11	1.6E-01	6.7E-01	8.6E-12
145	9.9E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	4.0E-01	1.7E-07	1.0E-03	7.1E-11	1.6E-01	6.7E-01	7.4E-12
146	7.9E-01	1.6E-06	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.4E-10	3.4E-01	1.7E-07	1.0E-03	6.1E-11	1.6E-01	6.7E-01	6.4E-12
147	6.4E-01	1.6E-06	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10	3.0E-01	1.7E-07	1.0E-03	5.3E-11	1.6E-01	6.7E-01	5.5E-12
148	5.3E-01	1.6E-06	1.0E-03	8.7E-10	1.6E-01	6.7E-01	9.2E-11	2.6E-01	1.7E-07	1.0E-03	4.6E-11	1.6E-01	6.7E-01	4.8E-12
149	4.6E-01	1.6E-06	1.0E-03	7.7E-10	1.6E-01	6.7E-01	8.0E-11	6.5E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11
150	5.7E-01	1.6E-06	1.0E-03	9.5E-10	1.6E-01	6.7E-01	9.9E-11	7.0E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.3E-11
151	7.3E-01	1.6E-06	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	7.4E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
152	9.5E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	7.6E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11
153	1.2E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	7.6E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11
154	1.6E+00	1.6E-06	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10	5.3E-01	1.7E-07	1.0E-03	9.5E-11	1.6E-01	6.7E-01	1.0E-11
155	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	4.7E-01	1.7E-07	1.0E-03	8.4E-11	1.6E-01	6.7E-01	8.8E-12
156	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.1E-01	1.7E-07	1.0E-03	7.3E-11	1.6E-01	6.7E-01	7.6E-12
157	8.6E-01	1.6E-06	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10	3.6E-01	1.7E-07	1.0E-03	6.5E-11	1.6E-01	6.7E-01	6.8E-12
158	7.1E-01	1.6E-06	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.2E-10	3.2E-01	1.7E-07	1.0E-03	5.7E-11	1.6E-01	6.7E-01	5.9E-12
159	5.8E-01	1.6E-06	1.0E-03	9.7E-10	1.6E-01	6.7E-01	1.0E-10	2.8E-01	1.7E-07	1.0E-03	5.0E-11	1.6E-01	6.7E-01	5.2E-12
160	4.9E-01	1.6E-06	1.0E-03	8.1E-10	1.6E-01	6.7E-01	8.5E-11	2.4E-01	1.7E-07	1.0E-03	4.4E-11	1.6E-01	6.7E-01	4.6E-12
161	4.0E-01	1.6E-06	1.0E-03	6.6E-10	1.6E-01	6.7E-01	6.9E-11	5.3E-01	1.7E-07	1.0E-03	9.4E-11	1.6E-01	6.7E-01	9.9E-12
162	4.8E-01	1.6E-06	1.0E-03	8.0E-10	1.6E-01	6.7E-01	8.4E-11	5.7E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
163	5.9E-01	1.6E-06	1.0E-03	9.8E-10	1.6E-01	6.7E-01	1.0E-10	6.0E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
164	7.4E-01	1.6E-06	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	6.1E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
165	9.3E-01	1.6E-06	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	6.2E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
166	1.1E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	6.1E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
167	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	5.8E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
168	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	5.5E-01	1.7E-07	1.0E-03	9.8E-11	1.6E-01	6.7E-01	1.0E-11
169	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	5.1E-01	1.7E-07	1.0E-03	9.1E-11	1.6E-01	6.7E-01	9.5E-12
170	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	4.6E-01	1.7E-07	1.0E-03	8.3E-11	1.6E-01	6.7E-01	8.7E-12
171	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.2E-01	1.7E-07	1.0E-03	7.4E-11	1.6E-01	6.7E-01	7.8E-12
172	8.6E-01	1.6E-06	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10	3.7E-01	1.7E-07	1.0E-03	6.5E-11	1.6E-01	6.7E-01	6.8E-12

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
173	7.2E-01	1.6E-06	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	3.2E-01	1.7E-07	1.0E-03	5.8E-11	1.6E-01	6.7E-01	6.1E-12
174	6.3E-01	1.6E-06	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	2.9E-01	1.7E-07	1.0E-03	5.2E-11	1.6E-01	6.7E-01	5.5E-12
175	5.3E-01	1.6E-06	1.0E-03	8.8E-10	1.6E-01	6.7E-01	9.3E-11	2.6E-01	1.7E-07	1.0E-03	4.6E-11	1.6E-01	6.7E-01	4.9E-12
176	4.5E-01	1.6E-06	1.0E-03	7.5E-10	1.6E-01	6.7E-01	7.8E-11	2.3E-01	1.7E-07	1.0E-03	4.1E-11	1.6E-01	6.7E-01	4.3E-12
177	3.5E-01	1.6E-06	1.0E-03	5.7E-10	1.6E-01	6.7E-01	6.0E-11	4.4E-01	1.7E-07	1.0E-03	7.8E-11	1.6E-01	6.7E-01	8.2E-12
178	4.1E-01	1.6E-06	1.0E-03	6.8E-10	1.6E-01	6.7E-01	7.1E-11	4.7E-01	1.7E-07	1.0E-03	8.3E-11	1.6E-01	6.7E-01	8.7E-12
179	4.9E-01	1.6E-06	1.0E-03	8.1E-10	1.6E-01	6.7E-01	8.6E-11	4.9E-01	1.7E-07	1.0E-03	8.7E-11	1.6E-01	6.7E-01	9.2E-12
180	6.0E-01	1.6E-06	1.0E-03	9.9E-10	1.6E-01	6.7E-01	1.0E-10	5.0E-01	1.7E-07	1.0E-03	9.0E-11	1.6E-01	6.7E-01	9.4E-12
181	7.3E-01	1.6E-06	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	5.1E-01	1.7E-07	1.0E-03	9.1E-11	1.6E-01	6.7E-01	9.5E-12
182	8.5E-01	1.6E-06	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10	5.0E-01	1.7E-07	1.0E-03	9.0E-11	1.6E-01	6.7E-01	9.4E-12
183	9.4E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.6E-10	4.9E-01	1.7E-07	1.0E-03	8.7E-11	1.6E-01	6.7E-01	9.1E-12
184	9.9E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	4.7E-01	1.7E-07	1.0E-03	8.3E-11	1.6E-01	6.7E-01	8.7E-12
185	9.8E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	4.4E-01	1.7E-07	1.0E-03	7.8E-11	1.6E-01	6.7E-01	8.2E-12
186	9.3E-01	1.6E-06	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	4.0E-01	1.7E-07	1.0E-03	7.2E-11	1.6E-01	6.7E-01	7.6E-12
187	8.4E-01	1.6E-06	1.0E-03	1.4E-09	1.6E-01	6.7E-01	1.5E-10	3.7E-01	1.7E-07	1.0E-03	6.6E-11	1.6E-01	6.7E-01	6.9E-12
188	7.4E-01	1.6E-06	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	3.3E-01	1.7E-07	1.0E-03	6.0E-11	1.6E-01	6.7E-01	6.3E-12
189	6.2E-01	1.6E-06	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	2.9E-01	1.7E-07	1.0E-03	5.2E-11	1.6E-01	6.7E-01	5.5E-12
190	5.5E-01	1.6E-06	1.0E-03	9.2E-10	1.6E-01	6.7E-01	9.7E-11	2.7E-01	1.7E-07	1.0E-03	4.8E-11	1.6E-01	6.7E-01	5.1E-12
191	4.8E-01	1.6E-06	1.0E-03	8.0E-10	1.6E-01	6.7E-01	8.4E-11	2.4E-01	1.7E-07	1.0E-03	4.3E-11	1.6E-01	6.7E-01	4.6E-12
192	4.2E-01	1.6E-06	1.0E-03	6.9E-10	1.6E-01	6.7E-01	7.2E-11	2.2E-01	1.7E-07	1.0E-03	3.9E-11	1.6E-01	6.7E-01	4.1E-12
193	3.0E-01	1.6E-06	1.0E-03	5.0E-10	1.6E-01	6.7E-01	5.3E-11	3.7E-01	1.7E-07	1.0E-03	6.6E-11	1.6E-01	6.7E-01	6.9E-12
194	3.5E-01	1.6E-06	1.0E-03	5.9E-10	1.6E-01	6.7E-01	6.2E-11	3.9E-01	1.7E-07	1.0E-03	7.0E-11	1.6E-01	6.7E-01	7.3E-12
195	4.2E-01	1.6E-06	1.0E-03	6.9E-10	1.6E-01	6.7E-01	7.3E-11	4.1E-01	1.7E-07	1.0E-03	7.3E-11	1.6E-01	6.7E-01	7.7E-12
196	5.0E-01	1.6E-06	1.0E-03	8.2E-10	1.6E-01	6.7E-01	8.6E-11	4.2E-01	1.7E-07	1.0E-03	7.5E-11	1.6E-01	6.7E-01	7.9E-12
197	5.8E-01	1.6E-06	1.0E-03	9.6E-10	1.6E-01	6.7E-01	1.0E-10	4.3E-01	1.7E-07	1.0E-03	7.6E-11	1.6E-01	6.7E-01	8.0E-12
198	6.6E-01	1.6E-06	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.1E-10	4.2E-01	1.7E-07	1.0E-03	7.5E-11	1.6E-01	6.7E-01	7.9E-12
199	7.2E-01	1.6E-06	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	4.1E-01	1.7E-07	1.0E-03	7.4E-11	1.6E-01	6.7E-01	7.7E-12
200	7.6E-01	1.6E-06	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10	4.0E-01	1.7E-07	1.0E-03	7.1E-11	1.6E-01	6.7E-01	7.5E-12
201	7.6E-01	1.6E-06	1.0E-03	1.3E-09	1.6E-01	6.7E-01	1.3E-10	3.8E-01	1.7E-07	1.0E-03	6.7E-11	1.6E-01	6.7E-01	7.1E-12
202	7.3E-01	1.6E-06	1.0E-03	1.2E-09	1.6E-01	6.7E-01	1.3E-10	3.5E-01	1.7E-07	1.0E-03	6.3E-11	1.6E-01	6.7E-01	6.6E-12
203	6.7E-01	1.6E-06	1.0E-03	1.1E-09	1.6E-01	6.7E-01	1.2E-10	3.2E-01	1.7E-07	1.0E-03	5.7E-11	1.6E-01	6.7E-01	6.0E-12
204	6.1E-01	1.6E-06	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	3.0E-01	1.7E-07	1.0E-03	5.3E-11	1.6E-01	6.7E-01	5.5E-12
205	5.4E-01	1.6E-06	1.0E-03	9.0E-10	1.6E-01	6.7E-01	9.5E-11	2.7E-01	1.7E-07	1.0E-03	4.8E-11	1.6E-01	6.7E-01	5.1E-12
206	4.7E-01	1.6E-06	1.0E-03	7.8E-10	1.6E-01	6.7E-01	8.2E-11	2.4E-01	1.7E-07	1.0E-03	4.3E-11	1.6E-01	6.7E-01	4.5E-12
207	4.3E-01	1.6E-06	1.0E-03	7.2E-10	1.6E-01	6.7E-01	7.5E-11	2.3E-01	1.7E-07	1.0E-03	4.0E-11	1.6E-01	6.7E-01	4.2E-12
208	3.8E-01	1.6E-06	1.0E-03	6.3E-10	1.6E-01	6.7E-01	6.6E-11	2.1E-01	1.7E-07	1.0E-03	3.7E-11	1.6E-01	6.7E-01	3.8E-12
209	2.7E-01	1.6E-06	1.0E-03	4.4E-10	1.6E-01	6.7E-01	4.7E-11	3.1E-01	1.7E-07	1.0E-03	5.6E-11	1.6E-01	6.7E-01	5.9E-12
210	3.1E-01	1.6E-06	1.0E-03	5.1E-10	1.6E-01	6.7E-01	5.4E-11	3.3E-01	1.7E-07	1.0E-03	5.9E-11	1.6E-01	6.7E-01	6.2E-12
211	3.6E-01	1.6E-06	1.0E-03	5.9E-10	1.6E-01	6.7E-01	6.2E-11	3.5E-01	1.7E-07	1.0E-03	6.2E-11	1.6E-01	6.7E-01	6.5E-12
212	4.1E-01	1.6E-06	1.0E-03	6.9E-10	1.6E-01	6.7E-01	7.2E-11	3.6E-01	1.7E-07	1.0E-03	6.4E-11	1.6E-01	6.7E-01	6.7E-12
213	4.7E-01	1.6E-06	1.0E-03	7.9E-10	1.6E-01	6.7E-01	8.3E-11	3.6E-01	1.7E-07	1.0E-03	6.4E-11	1.6E-01	6.7E-01	6.8E-12
214	5.3E-01	1.6E-06	1.0E-03	8.8E-10	1.6E-01	6.7E-01	9.2E-11	3.6E-01	1.7E-07	1.0E-03	6.4E-11	1.6E-01	6.7E-01	6.8E-12
215	5.7E-01	1.6E-06	1.0E-03	9.5E-10	1.6E-01	6.7E-01	1.0E-10	3.5E-01	1.7E-07	1.0E-03	6.3E-11	1.6E-01	6.7E-01	6.6E-12

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
216	6.0E-01	1.6E-06	1.0E-03	9.9E-10	1.6E-01	6.7E-01	1.0E-10	3.4E-01	1.7E-07	1.0E-03	6.1E-11	1.6E-01	6.7E-01	6.4E-12
217	6.1E-01	1.6E-06	1.0E-03	1.0E-09	1.6E-01	6.7E-01	1.1E-10	3.3E-01	1.7E-07	1.0E-03	5.8E-11	1.6E-01	6.7E-01	6.1E-12
218	5.9E-01	1.6E-06	1.0E-03	9.8E-10	1.6E-01	6.7E-01	1.0E-10	3.1E-01	1.7E-07	1.0E-03	5.5E-11	1.6E-01	6.7E-01	5.8E-12
219	5.6E-01	1.6E-06	1.0E-03	9.3E-10	1.6E-01	6.7E-01	9.8E-11	2.9E-01	1.7E-07	1.0E-03	5.2E-11	1.6E-01	6.7E-01	5.4E-12
220	5.3E-01	1.6E-06	1.0E-03	8.8E-10	1.6E-01	6.7E-01	9.2E-11	2.7E-01	1.7E-07	1.0E-03	4.8E-11	1.6E-01	6.7E-01	5.1E-12
221	4.8E-01	1.6E-06	1.0E-03	8.0E-10	1.6E-01	6.7E-01	8.4E-11	2.5E-01	1.7E-07	1.0E-03	4.5E-11	1.6E-01	6.7E-01	4.7E-12
222	4.1E-01	1.6E-06	1.0E-03	6.9E-10	1.6E-01	6.7E-01	7.2E-11	2.2E-01	1.7E-07	1.0E-03	4.0E-11	1.6E-01	6.7E-01	4.2E-12
223	3.7E-01	1.6E-06	1.0E-03	6.1E-10	1.6E-01	6.7E-01	6.5E-11	2.0E-01	1.7E-07	1.0E-03	3.6E-11	1.6E-01	6.7E-01	3.8E-12
224	3.5E-01	1.6E-06	1.0E-03	5.8E-10	1.6E-01	6.7E-01	6.0E-11	1.9E-01	1.7E-07	1.0E-03	3.4E-11	1.6E-01	6.7E-01	3.6E-12
225	2.4E-01	1.6E-06	1.0E-03	4.0E-10	1.6E-01	6.7E-01	4.2E-11	2.7E-01	1.7E-07	1.0E-03	4.8E-11	1.6E-01	6.7E-01	5.1E-12
226	2.7E-01	1.6E-06	1.0E-03	4.5E-10	1.6E-01	6.7E-01	4.7E-11	2.9E-01	1.7E-07	1.0E-03	5.1E-11	1.6E-01	6.7E-01	5.4E-12
227	3.1E-01	1.6E-06	1.0E-03	5.1E-10	1.6E-01	6.7E-01	5.4E-11	3.0E-01	1.7E-07	1.0E-03	5.3E-11	1.6E-01	6.7E-01	5.6E-12
228	3.5E-01	1.6E-06	1.0E-03	5.8E-10	1.6E-01	6.7E-01	6.1E-11	3.1E-01	1.7E-07	1.0E-03	5.5E-11	1.6E-01	6.7E-01	5.7E-12
229	4.0E-01	1.6E-06	1.0E-03	6.6E-10	1.6E-01	6.7E-01	6.9E-11	3.1E-01	1.7E-07	1.0E-03	5.5E-11	1.6E-01	6.7E-01	5.8E-12
230	4.4E-01	1.6E-06	1.0E-03	7.2E-10	1.6E-01	6.7E-01	7.6E-11	3.1E-01	1.7E-07	1.0E-03	5.5E-11	1.6E-01	6.7E-01	5.8E-12
231	4.7E-01	1.6E-06	1.0E-03	7.8E-10	1.6E-01	6.7E-01	8.2E-11	3.1E-01	1.7E-07	1.0E-03	5.5E-11	1.6E-01	6.7E-01	5.7E-12
232	4.9E-01	1.6E-06	1.0E-03	8.1E-10	1.6E-01	6.7E-01	8.5E-11	3.0E-01	1.7E-07	1.0E-03	5.3E-11	1.6E-01	6.7E-01	5.6E-12
233	5.0E-01	1.6E-06	1.0E-03	8.2E-10	1.6E-01	6.7E-01	8.6E-11	2.9E-01	1.7E-07	1.0E-03	5.1E-11	1.6E-01	6.7E-01	5.4E-12
234	4.9E-01	1.6E-06	1.0E-03	8.1E-10	1.6E-01	6.7E-01	8.5E-11	2.7E-01	1.7E-07	1.0E-03	4.9E-11	1.6E-01	6.7E-01	5.1E-12
235	4.7E-01	1.6E-06	1.0E-03	7.8E-10	1.6E-01	6.7E-01	8.2E-11	2.6E-01	1.7E-07	1.0E-03	4.6E-11	1.6E-01	6.7E-01	4.9E-12
236	4.5E-01	1.6E-06	1.0E-03	7.4E-10	1.6E-01	6.7E-01	7.8E-11	2.4E-01	1.7E-07	1.0E-03	4.4E-11	1.6E-01	6.7E-01	4.6E-12
237	4.2E-01	1.6E-06	1.0E-03	6.9E-10	1.6E-01	6.7E-01	7.3E-11	2.3E-01	1.7E-07	1.0E-03	4.1E-11	1.6E-01	6.7E-01	4.3E-12
238	3.8E-01	1.6E-06	1.0E-03	6.3E-10	1.6E-01	6.7E-01	6.7E-11	2.1E-01	1.7E-07	1.0E-03	3.8E-11	1.6E-01	6.7E-01	4.0E-12
239	3.3E-01	1.6E-06	1.0E-03	5.5E-10	1.6E-01	6.7E-01	5.8E-11	1.9E-01	1.7E-07	1.0E-03	3.3E-11	1.6E-01	6.7E-01	3.5E-12
240	3.0E-01	1.6E-06	1.0E-03	5.0E-10	1.6E-01	6.7E-01	5.2E-11	1.7E-01	1.7E-07	1.0E-03	3.1E-11	1.6E-01	6.7E-01	3.2E-12
241	2.1E-01	1.6E-06	1.0E-03	3.5E-10	1.6E-01	6.7E-01	3.7E-11	2.4E-01	1.7E-07	1.0E-03	4.2E-11	1.6E-01	6.7E-01	4.4E-12
242	2.4E-01	1.6E-06	1.0E-03	4.0E-10	1.6E-01	6.7E-01	4.2E-11	2.5E-01	1.7E-07	1.0E-03	4.4E-11	1.6E-01	6.7E-01	4.7E-12
243	2.7E-01	1.6E-06	1.0E-03	4.5E-10	1.6E-01	6.7E-01	4.7E-11	2.6E-01	1.7E-07	1.0E-03	4.6E-11	1.6E-01	6.7E-01	4.8E-12
244	3.0E-01	1.6E-06	1.0E-03	5.0E-10	1.6E-01	6.7E-01	5.3E-11	2.7E-01	1.7E-07	1.0E-03	4.7E-11	1.6E-01	6.7E-01	5.0E-12
245	3.4E-01	1.6E-06	1.0E-03	5.6E-10	1.6E-01	6.7E-01	5.8E-11	2.7E-01	1.7E-07	1.0E-03	4.8E-11	1.6E-01	6.7E-01	5.0E-12
246	3.7E-01	1.6E-06	1.0E-03	6.1E-10	1.6E-01	6.7E-01	6.4E-11	2.7E-01	1.7E-07	1.0E-03	4.8E-11	1.6E-01	6.7E-01	5.1E-12
247	3.9E-01	1.6E-06	1.0E-03	6.5E-10	1.6E-01	6.7E-01	6.8E-11	2.7E-01	1.7E-07	1.0E-03	4.8E-11	1.6E-01	6.7E-01	5.0E-12
248	4.1E-01	1.6E-06	1.0E-03	6.7E-10	1.6E-01	6.7E-01	7.1E-11	2.6E-01	1.7E-07	1.0E-03	4.7E-11	1.6E-01	6.7E-01	4.9E-12
249	4.1E-01	1.6E-06	1.0E-03	6.8E-10	1.6E-01	6.7E-01	7.2E-11	2.5E-01	1.7E-07	1.0E-03	4.5E-11	1.6E-01	6.7E-01	4.8E-12
250	4.1E-01	1.6E-06	1.0E-03	6.8E-10	1.6E-01	6.7E-01	7.1E-11	2.4E-01	1.7E-07	1.0E-03	4.4E-11	1.6E-01	6.7E-01	4.6E-12
251	4.0E-01	1.6E-06	1.0E-03	6.6E-10	1.6E-01	6.7E-01	7.0E-11	2.3E-01	1.7E-07	1.0E-03	4.2E-11	1.6E-01	6.7E-01	4.4E-12
252	3.8E-01	1.6E-06	1.0E-03	6.4E-10	1.6E-01	6.7E-01	6.7E-11	2.2E-01	1.7E-07	1.0E-03	3.9E-11	1.6E-01	6.7E-01	4.1E-12
253	3.6E-01	1.6E-06	1.0E-03	6.0E-10	1.6E-01	6.7E-01	6.3E-11	2.1E-01	1.7E-07	1.0E-03	3.7E-11	1.6E-01	6.7E-01	3.9E-12
254	3.4E-01	1.6E-06	1.0E-03	5.6E-10	1.6E-01	6.7E-01	5.9E-11	1.9E-01	1.7E-07	1.0E-03	3.5E-11	1.6E-01	6.7E-01	3.6E-12
255	3.1E-01	1.6E-06	1.0E-03	5.1E-10	1.6E-01	6.7E-01	5.4E-11	1.8E-01	1.7E-07	1.0E-03	3.2E-11	1.6E-01	6.7E-01	3.4E-12
256	2.7E-01	1.6E-06	1.0E-03	4.5E-10	1.6E-01	6.7E-01	4.7E-11	1.6E-01	1.7E-07	1.0E-03	2.9E-11	1.6E-01	6.7E-01	3.0E-12
257	1.9E-01	1.6E-06	1.0E-03	3.2E-10	1.6E-01	6.7E-01	3.3E-11	2.1E-01	1.7E-07	1.0E-03	3.7E-11	1.6E-01	6.7E-01	3.9E-12
258	2.1E-01	1.6E-06	1.0E-03	3.5E-10	1.6E-01	6.7E-01	3.7E-11	2.2E-01	1.7E-07	1.0E-03	3.9E-11	1.6E-01	6.7E-01	4.1E-12

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
259	2.4E-01	1.6E-06	1.0E-03	3.9E-10	1.6E-01	6.7E-01	4.1E-11	2.3E-01	1.7E-07	1.0E-03	4.0E-11	1.6E-01	6.7E-01	4.3E-12
260	2.6E-01	1.6E-06	1.0E-03	4.4E-10	1.6E-01	6.7E-01	4.6E-11	2.3E-01	1.7E-07	1.0E-03	4.2E-11	1.6E-01	6.7E-01	4.4E-12
261	2.9E-01	1.6E-06	1.0E-03	4.8E-10	1.6E-01	6.7E-01	5.0E-11	2.4E-01	1.7E-07	1.0E-03	4.2E-11	1.6E-01	6.7E-01	4.4E-12
262	3.1E-01	1.6E-06	1.0E-03	5.2E-10	1.6E-01	6.7E-01	5.4E-11	2.4E-01	1.7E-07	1.0E-03	4.2E-11	1.6E-01	6.7E-01	4.4E-12
263	3.3E-01	1.6E-06	1.0E-03	5.5E-10	1.6E-01	6.7E-01	5.7E-11	2.4E-01	1.7E-07	1.0E-03	4.2E-11	1.6E-01	6.7E-01	4.4E-12
264	3.4E-01	1.6E-06	1.0E-03	5.7E-10	1.6E-01	6.7E-01	6.0E-11	2.3E-01	1.7E-07	1.0E-03	4.1E-11	1.6E-01	6.7E-01	4.3E-12
265	3.5E-01	1.6E-06	1.0E-03	5.8E-10	1.6E-01	6.7E-01	6.1E-11	2.3E-01	1.7E-07	1.0E-03	4.0E-11	1.6E-01	6.7E-01	4.2E-12
266	3.5E-01	1.6E-06	1.0E-03	5.8E-10	1.6E-01	6.7E-01	6.1E-11	2.2E-01	1.7E-07	1.0E-03	3.9E-11	1.6E-01	6.7E-01	4.1E-12
267	3.4E-01	1.6E-06	1.0E-03	5.7E-10	1.6E-01	6.7E-01	5.9E-11	2.1E-01	1.7E-07	1.0E-03	3.7E-11	1.6E-01	6.7E-01	3.9E-12
268	3.3E-01	1.6E-06	1.0E-03	5.5E-10	1.6E-01	6.7E-01	5.8E-11	2.0E-01	1.7E-07	1.0E-03	3.6E-11	1.6E-01	6.7E-01	3.7E-12
269	3.2E-01	1.6E-06	1.0E-03	5.2E-10	1.6E-01	6.7E-01	5.5E-11	1.9E-01	1.7E-07	1.0E-03	3.4E-11	1.6E-01	6.7E-01	3.6E-12
270	3.0E-01	1.6E-06	1.0E-03	5.0E-10	1.6E-01	6.7E-01	5.2E-11	1.8E-01	1.7E-07	1.0E-03	3.2E-11	1.6E-01	6.7E-01	3.4E-12
271	2.8E-01	1.6E-06	1.0E-03	4.6E-10	1.6E-01	6.7E-01	4.8E-11	1.7E-01	1.7E-07	1.0E-03	3.0E-11	1.6E-01	6.7E-01	3.1E-12
272	2.5E-01	1.6E-06	1.0E-03	4.1E-10	1.6E-01	6.7E-01	4.3E-11	1.5E-01	1.7E-07	1.0E-03	2.7E-11	1.6E-01	6.7E-01	2.8E-12
273	1.7E+01	1.6E-06	1.0E-03	2.8E-08	1.6E-01	6.7E-01	3.0E-09	2.2E+00	1.7E-07	1.0E-03	3.9E-10	1.6E-01	6.7E-01	4.1E-11
274	2.4E+01	1.6E-06	1.0E-03	3.9E-08	1.6E-01	6.7E-01	4.1E-09	2.2E+00	1.7E-07	1.0E-03	3.8E-10	1.6E-01	6.7E-01	4.0E-11
275	3.4E+01	1.6E-06	1.0E-03	5.7E-08	1.6E-01	6.7E-01	5.9E-09	2.1E+00	1.7E-07	1.0E-03	3.8E-10	1.6E-01	6.7E-01	3.9E-11
276	3.2E+01	1.6E-06	1.0E-03	5.3E-08	1.6E-01	6.7E-01	5.6E-09	2.1E+00	1.7E-07	1.0E-03	3.7E-10	1.6E-01	6.7E-01	3.8E-11
277	2.1E+01	1.6E-06	1.0E-03	3.5E-08	1.6E-01	6.7E-01	3.6E-09	2.0E+00	1.7E-07	1.0E-03	3.6E-10	1.6E-01	6.7E-01	3.7E-11
278	2.3E+01	1.6E-06	1.0E-03	3.8E-08	1.6E-01	6.7E-01	4.0E-09	1.9E+00	1.7E-07	1.0E-03	3.5E-10	1.6E-01	6.7E-01	3.6E-11
279	2.2E+01	1.6E-06	1.0E-03	3.6E-08	1.6E-01	6.7E-01	3.8E-09	1.9E+00	1.7E-07	1.0E-03	3.3E-10	1.6E-01	6.7E-01	3.5E-11
280	3.3E+01	1.6E-06	1.0E-03	5.5E-08	1.6E-01	6.7E-01	5.8E-09	1.8E+00	1.7E-07	1.0E-03	3.2E-10	1.6E-01	6.7E-01	3.4E-11
281	3.7E+01	1.6E-06	1.0E-03	6.2E-08	1.6E-01	6.7E-01	6.5E-09	1.7E+00	1.7E-07	1.0E-03	3.1E-10	1.6E-01	6.7E-01	3.3E-11
282	2.8E+01	1.6E-06	1.0E-03	4.6E-08	1.6E-01	6.7E-01	4.8E-09	1.7E+00	1.7E-07	1.0E-03	3.0E-10	1.6E-01	6.7E-01	3.1E-11
283	2.2E+01	1.6E-06	1.0E-03	3.6E-08	1.6E-01	6.7E-01	3.8E-09	1.6E+00	1.7E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.0E-11
284	1.8E+01	1.6E-06	1.0E-03	2.9E-08	1.6E-01	6.7E-01	3.1E-09	1.5E+00	1.7E-07	1.0E-03	2.8E-10	1.6E-01	6.7E-01	2.9E-11
285	1.5E+01	1.6E-06	1.0E-03	2.5E-08	1.6E-01	6.7E-01	2.6E-09	1.5E+00	1.7E-07	1.0E-03	2.6E-10	1.6E-01	6.7E-01	2.8E-11
286	1.3E+01	1.6E-06	1.0E-03	2.1E-08	1.6E-01	6.7E-01	2.2E-09	1.4E+00	1.7E-07	1.0E-03	2.5E-10	1.6E-01	6.7E-01	2.6E-11
287	1.1E+01	1.6E-06	1.0E-03	1.8E-08	1.6E-01	6.7E-01	1.9E-09	1.3E+00	1.7E-07	1.0E-03	2.4E-10	1.6E-01	6.7E-01	2.5E-11
288	9.3E+00	1.6E-06	1.0E-03	1.5E-08	1.6E-01	6.7E-01	1.6E-09	1.3E+00	1.7E-07	1.0E-03	2.3E-10	1.6E-01	6.7E-01	2.4E-11
289	8.2E+00	1.6E-06	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.4E-09	1.2E+00	1.7E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11
290	7.2E+00	1.6E-06	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.3E-09	1.2E+00	1.7E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.2E-11
291	6.4E+00	1.6E-06	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.1E-09	1.1E+00	1.7E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11
292	5.7E+00	1.6E-06	1.0E-03	9.4E-09	1.6E-01	6.7E-01	9.9E-10	1.1E+00	1.7E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11
293	5.1E+00	1.6E-06	1.0E-03	8.5E-09	1.6E-01	6.7E-01	8.9E-10	1.0E+00	1.7E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11
294	4.6E+00	1.6E-06	1.0E-03	7.6E-09	1.6E-01	6.7E-01	8.0E-10	9.5E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11
295	4.2E+00	1.6E-06	1.0E-03	6.9E-09	1.6E-01	6.7E-01	7.2E-10	9.1E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
296	3.8E+00	1.6E-06	1.0E-03	6.3E-09	1.6E-01	6.7E-01	6.6E-10	8.7E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
297	3.5E+00	1.6E-06	1.0E-03	5.7E-09	1.6E-01	6.7E-01	6.0E-10	8.3E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.5E-11
298	3.2E+00	1.6E-06	1.0E-03	5.3E-09	1.6E-01	6.7E-01	5.5E-10	7.9E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
299	1.6E+01	1.6E-06	1.0E-03	2.7E-08	1.6E-01	6.7E-01	2.8E-09	2.0E+00	1.7E-07	1.0E-03	3.6E-10	1.6E-01	6.7E-01	3.8E-11
300	2.2E+01	1.6E-06	1.0E-03	3.7E-08	1.6E-01	6.7E-01	3.9E-09	2.0E+00	1.7E-07	1.0E-03	3.6E-10	1.6E-01	6.7E-01	3.8E-11
301	3.2E+01	1.6E-06	1.0E-03	5.4E-08	1.6E-01	6.7E-01	5.7E-09	2.0E+00	1.7E-07	1.0E-03	3.5E-10	1.6E-01	6.7E-01	3.7E-11

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
302	2.9E+01	1.6E-06	1.0E-03	4.7E-08	1.6E-01	6.7E-01	5.0E-09	1.9E+00	1.7E-07	1.0E-03	3.4E-10	1.6E-01	6.7E-01	3.6E-11
303	2.0E+01	1.6E-06	1.0E-03	3.3E-08	1.6E-01	6.7E-01	3.5E-09	1.9E+00	1.7E-07	1.0E-03	3.3E-10	1.6E-01	6.7E-01	3.5E-11
304	2.2E+01	1.6E-06	1.0E-03	3.6E-08	1.6E-01	6.7E-01	3.8E-09	1.8E+00	1.7E-07	1.0E-03	3.2E-10	1.6E-01	6.7E-01	3.4E-11
305	2.0E+01	1.6E-06	1.0E-03	3.3E-08	1.6E-01	6.7E-01	3.5E-09	1.8E+00	1.7E-07	1.0E-03	3.1E-10	1.6E-01	6.7E-01	3.3E-11
306	3.0E+01	1.6E-06	1.0E-03	5.0E-08	1.6E-01	6.7E-01	5.3E-09	1.7E+00	1.7E-07	1.0E-03	3.0E-10	1.6E-01	6.7E-01	3.2E-11
307	3.5E+01	1.6E-06	1.0E-03	5.8E-08	1.6E-01	6.7E-01	6.1E-09	1.6E+00	1.7E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.1E-11
308	2.6E+01	1.6E-06	1.0E-03	4.3E-08	1.6E-01	6.7E-01	4.5E-09	1.6E+00	1.7E-07	1.0E-03	2.8E-10	1.6E-01	6.7E-01	3.0E-11
309	2.0E+01	1.6E-06	1.0E-03	3.4E-08	1.6E-01	6.7E-01	3.5E-09	1.5E+00	1.7E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.9E-11
310	1.7E+01	1.6E-06	1.0E-03	2.7E-08	1.6E-01	6.7E-01	2.9E-09	1.5E+00	1.7E-07	1.0E-03	2.6E-10	1.6E-01	6.7E-01	2.7E-11
311	1.4E+01	1.6E-06	1.0E-03	2.3E-08	1.6E-01	6.7E-01	2.4E-09	1.4E+00	1.7E-07	1.0E-03	2.5E-10	1.6E-01	6.7E-01	2.6E-11
312	1.2E+01	1.6E-06	1.0E-03	1.9E-08	1.6E-01	6.7E-01	2.0E-09	1.3E+00	1.7E-07	1.0E-03	2.4E-10	1.6E-01	6.7E-01	2.5E-11
313	1.0E+01	1.6E-06	1.0E-03	1.7E-08	1.6E-01	6.7E-01	1.8E-09	1.3E+00	1.7E-07	1.0E-03	2.3E-10	1.6E-01	6.7E-01	2.4E-11
314	8.8E+00	1.6E-06	1.0E-03	1.5E-08	1.6E-01	6.7E-01	1.5E-09	1.2E+00	1.7E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11
315	7.7E+00	1.6E-06	1.0E-03	1.3E-08	1.6E-01	6.7E-01	1.3E-09	1.2E+00	1.7E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.2E-11
316	6.8E+00	1.6E-06	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.2E-09	1.1E+00	1.7E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11
317	6.0E+00	1.6E-06	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09	1.1E+00	1.7E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11
318	5.4E+00	1.6E-06	1.0E-03	8.9E-09	1.6E-01	6.7E-01	9.4E-10	1.0E+00	1.7E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11
319	4.8E+00	1.6E-06	1.0E-03	8.0E-09	1.6E-01	6.7E-01	8.4E-10	9.7E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11
320	4.4E+00	1.6E-06	1.0E-03	7.2E-09	1.6E-01	6.7E-01	7.6E-10	9.2E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
321	4.0E+00	1.6E-06	1.0E-03	6.6E-09	1.6E-01	6.7E-01	6.9E-10	8.8E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
322	3.6E+00	1.6E-06	1.0E-03	6.0E-09	1.6E-01	6.7E-01	6.3E-10	8.4E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
323	3.3E+00	1.6E-06	1.0E-03	5.5E-09	1.6E-01	6.7E-01	5.8E-10	8.0E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
324	3.0E+00	1.6E-06	1.0E-03	5.0E-09	1.6E-01	6.7E-01	5.3E-10	7.7E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11
325	1.5E+01	1.6E-06	1.0E-03	2.5E-08	1.6E-01	6.7E-01	2.6E-09	1.9E+00	1.7E-07	1.0E-03	3.4E-10	1.6E-01	6.7E-01	3.6E-11
326	2.1E+01	1.6E-06	1.0E-03	3.4E-08	1.6E-01	6.7E-01	3.6E-09	1.9E+00	1.7E-07	1.0E-03	3.3E-10	1.6E-01	6.7E-01	3.5E-11
327	3.0E+01	1.6E-06	1.0E-03	5.0E-08	1.6E-01	6.7E-01	5.2E-09	1.8E+00	1.7E-07	1.0E-03	3.3E-10	1.6E-01	6.7E-01	3.4E-11
328	1.2E+01	1.6E-06	1.0E-03	2.0E-08	1.6E-01	6.7E-01	2.1E-09	1.8E+00	1.7E-07	1.0E-03	3.2E-10	1.6E-01	6.7E-01	3.4E-11
329	1.3E+01	1.6E-06	1.0E-03	2.2E-08	1.6E-01	6.7E-01	2.3E-09	1.7E+00	1.7E-07	1.0E-03	3.1E-10	1.6E-01	6.7E-01	3.3E-11
330	1.4E+01	1.6E-06	1.0E-03	2.3E-08	1.6E-01	6.7E-01	2.4E-09	1.7E+00	1.7E-07	1.0E-03	3.0E-10	1.6E-01	6.7E-01	3.2E-11
331	1.3E+01	1.6E-06	1.0E-03	2.2E-08	1.6E-01	6.7E-01	2.3E-09	1.7E+00	1.7E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.1E-11
332	1.2E+01	1.6E-06	1.0E-03	2.0E-08	1.6E-01	6.7E-01	2.1E-09	1.6E+00	1.7E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.0E-11
333	3.2E+01	1.6E-06	1.0E-03	5.3E-08	1.6E-01	6.7E-01	5.6E-09	1.6E+00	1.7E-07	1.0E-03	2.8E-10	1.6E-01	6.7E-01	2.9E-11
334	2.4E+01	1.6E-06	1.0E-03	3.9E-08	1.6E-01	6.7E-01	4.1E-09	1.5E+00	1.7E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.8E-11
335	1.8E+01	1.6E-06	1.0E-03	3.1E-08	1.6E-01	6.7E-01	3.2E-09	1.4E+00	1.7E-07	1.0E-03	2.6E-10	1.6E-01	6.7E-01	2.7E-11
336	1.5E+01	1.6E-06	1.0E-03	2.5E-08	1.6E-01	6.7E-01	2.6E-09	1.4E+00	1.7E-07	1.0E-03	2.5E-10	1.6E-01	6.7E-01	2.6E-11
337	1.3E+01	1.6E-06	1.0E-03	2.1E-08	1.6E-01	6.7E-01	2.2E-09	1.3E+00	1.7E-07	1.0E-03	2.4E-10	1.6E-01	6.7E-01	2.5E-11
338	1.1E+01	1.6E-06	1.0E-03	1.8E-08	1.6E-01	6.7E-01	1.9E-09	1.3E+00	1.7E-07	1.0E-03	2.3E-10	1.6E-01	6.7E-01	2.4E-11
339	9.3E+00	1.6E-06	1.0E-03	1.5E-08	1.6E-01	6.7E-01	1.6E-09	1.2E+00	1.7E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11
340	8.2E+00	1.6E-06	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.4E-09	1.2E+00	1.7E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.2E-11
341	7.2E+00	1.6E-06	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.3E-09	1.1E+00	1.7E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11
342	6.4E+00	1.6E-06	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.1E-09	1.1E+00	1.7E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11
343	5.7E+00	1.6E-06	1.0E-03	9.4E-09	1.6E-01	6.7E-01	9.9E-10	1.0E+00	1.7E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11
344	5.1E+00	1.6E-06	1.0E-03	8.4E-09	1.6E-01	6.7E-01	8.9E-10	9.8E-01	1.7E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.8E-11

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
345	4.6E+00	1.6E-06	1.0E-03	7.6E-09	1.6E-01	6.7E-01	8.0E-10	9.4E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11
346	4.1E+00	1.6E-06	1.0E-03	6.9E-09	1.6E-01	6.7E-01	7.2E-10	9.0E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
347	3.8E+00	1.6E-06	1.0E-03	6.3E-09	1.6E-01	6.7E-01	6.6E-10	8.6E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
348	3.5E+00	1.6E-06	1.0E-03	5.7E-09	1.6E-01	6.7E-01	6.0E-10	8.2E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.5E-11
349	3.2E+00	1.6E-06	1.0E-03	5.2E-09	1.6E-01	6.7E-01	5.5E-10	7.8E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
350	2.9E+00	1.6E-06	1.0E-03	4.8E-09	1.6E-01	6.7E-01	5.1E-10	7.5E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
351	1.4E+01	1.6E-06	1.0E-03	2.3E-08	1.6E-01	6.7E-01	2.4E-09	1.8E+00	1.7E-07	1.0E-03	3.2E-10	1.6E-01	6.7E-01	3.3E-11
352	1.9E+01	1.6E-06	1.0E-03	3.1E-08	1.6E-01	6.7E-01	3.2E-09	1.8E+00	1.7E-07	1.0E-03	3.1E-10	1.6E-01	6.7E-01	3.3E-11
353	2.7E+01	1.6E-06	1.0E-03	4.4E-08	1.6E-01	6.7E-01	4.7E-09	1.7E+00	1.7E-07	1.0E-03	3.1E-10	1.6E-01	6.7E-01	3.2E-11
354	2.0E+01	1.6E-06	1.0E-03	3.3E-08	1.6E-01	6.7E-01	3.5E-09	1.7E+00	1.7E-07	1.0E-03	3.0E-10	1.6E-01	6.7E-01	3.1E-11
355	9.6E+00	1.6E-06	1.0E-03	1.6E-08	1.6E-01	6.7E-01	1.7E-09	1.6E+00	1.7E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.1E-11
356	1.0E+01	1.6E-06	1.0E-03	1.7E-08	1.6E-01	6.7E-01	1.7E-09	1.6E+00	1.7E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.0E-11
357	9.8E+00	1.6E-06	1.0E-03	1.6E-08	1.6E-01	6.7E-01	1.7E-09	1.6E+00	1.7E-07	1.0E-03	2.8E-10	1.6E-01	6.7E-01	2.9E-11
358	2.0E+01	1.6E-06	1.0E-03	3.3E-08	1.6E-01	6.7E-01	3.5E-09	1.5E+00	1.7E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.8E-11
359	2.8E+01	1.6E-06	1.0E-03	4.7E-08	1.6E-01	6.7E-01	4.9E-09	1.5E+00	1.7E-07	1.0E-03	2.6E-10	1.6E-01	6.7E-01	2.7E-11
360	2.1E+01	1.6E-06	1.0E-03	3.4E-08	1.6E-01	6.7E-01	3.6E-09	1.4E+00	1.7E-07	1.0E-03	2.5E-10	1.6E-01	6.7E-01	2.7E-11
361	1.6E+01	1.6E-06	1.0E-03	2.7E-08	1.6E-01	6.7E-01	2.9E-09	1.4E+00	1.7E-07	1.0E-03	2.4E-10	1.6E-01	6.7E-01	2.6E-11
362	1.4E+01	1.6E-06	1.0E-03	2.3E-08	1.6E-01	6.7E-01	2.4E-09	1.3E+00	1.7E-07	1.0E-03	2.4E-10	1.6E-01	6.7E-01	2.5E-11
363	1.1E+01	1.6E-06	1.0E-03	1.9E-08	1.6E-01	6.7E-01	2.0E-09	1.3E+00	1.7E-07	1.0E-03	2.3E-10	1.6E-01	6.7E-01	2.4E-11
364	9.9E+00	1.6E-06	1.0E-03	1.6E-08	1.6E-01	6.7E-01	1.7E-09	1.2E+00	1.7E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11
365	8.6E+00	1.6E-06	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.5E-09	1.2E+00	1.7E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.2E-11
366	7.5E+00	1.6E-06	1.0E-03	1.3E-08	1.6E-01	6.7E-01	1.3E-09	1.1E+00	1.7E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11
367	6.7E+00	1.6E-06	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.2E-09	1.1E+00	1.7E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11
368	5.9E+00	1.6E-06	1.0E-03	9.9E-09	1.6E-01	6.7E-01	1.0E-09	1.0E+00	1.7E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11
369	5.3E+00	1.6E-06	1.0E-03	8.8E-09	1.6E-01	6.7E-01	9.3E-10	9.9E-01	1.7E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11
370	4.8E+00	1.6E-06	1.0E-03	7.9E-09	1.6E-01	6.7E-01	8.3E-10	9.5E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11
371	4.3E+00	1.6E-06	1.0E-03	7.2E-09	1.6E-01	6.7E-01	7.5E-10	9.1E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
372	3.9E+00	1.6E-06	1.0E-03	6.5E-09	1.6E-01	6.7E-01	6.8E-10	8.7E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
373	3.6E+00	1.6E-06	1.0E-03	5.9E-09	1.6E-01	6.7E-01	6.2E-10	8.3E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
374	3.3E+00	1.6E-06	1.0E-03	5.4E-09	1.6E-01	6.7E-01	5.7E-10	7.9E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
375	3.0E+00	1.6E-06	1.0E-03	5.0E-09	1.6E-01	6.7E-01	5.3E-10	7.6E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11
376	2.8E+00	1.6E-06	1.0E-03	4.6E-09	1.6E-01	6.7E-01	4.8E-10	7.3E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
377	1.2E+01	1.6E-06	1.0E-03	2.0E-08	1.6E-01	6.7E-01	2.1E-09	1.7E+00	1.7E-07	1.0E-03	3.0E-10	1.6E-01	6.7E-01	3.1E-11
378	1.6E+01	1.6E-06	1.0E-03	2.6E-08	1.6E-01	6.7E-01	2.8E-09	1.6E+00	1.7E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.1E-11
379	2.2E+01	1.6E-06	1.0E-03	3.7E-08	1.6E-01	6.7E-01	3.9E-09	1.6E+00	1.7E-07	1.0E-03	2.9E-10	1.6E-01	6.7E-01	3.0E-11
380	1.4E+01	1.6E-06	1.0E-03	2.3E-08	1.6E-01	6.7E-01	2.4E-09	1.6E+00	1.7E-07	1.0E-03	2.8E-10	1.6E-01	6.7E-01	3.0E-11
381	1.6E+01	1.6E-06	1.0E-03	2.7E-08	1.6E-01	6.7E-01	2.8E-09	1.5E+00	1.7E-07	1.0E-03	2.8E-10	1.6E-01	6.7E-01	2.9E-11
382	6.2E+00	1.6E-06	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09	1.0E+00	1.7E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11
383	5.5E+00	1.6E-06	1.0E-03	9.2E-09	1.6E-01	6.7E-01	9.6E-10	1.0E+00	1.7E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11
384	5.0E+00	1.6E-06	1.0E-03	8.2E-09	1.6E-01	6.7E-01	8.7E-10	9.5E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11
385	4.5E+00	1.6E-06	1.0E-03	7.4E-09	1.6E-01	6.7E-01	7.8E-10	9.2E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
386	4.1E+00	1.6E-06	1.0E-03	6.8E-09	1.6E-01	6.7E-01	7.1E-10	8.8E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.6E-11
387	3.7E+00	1.6E-06	1.0E-03	6.2E-09	1.6E-01	6.7E-01	6.5E-10	8.4E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
388	3.4E+00	1.6E-06	1.0E-03	5.6E-09	1.6E-01	6.7E-01	5.9E-10	8.1E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
389	3.1E+00	1.6E-06	1.0E-03	5.2E-09	1.6E-01	6.7E-01	5.4E-10	7.7E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11
390	2.9E+00	1.6E-06	1.0E-03	4.8E-09	1.6E-01	6.7E-01	5.0E-10	7.4E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
391	2.7E+00	1.6E-06	1.0E-03	4.4E-09	1.6E-01	6.7E-01	4.6E-10	7.1E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.3E-11
392	1.0E+01	1.6E-06	1.0E-03	1.7E-08	1.6E-01	6.7E-01	1.8E-09	1.6E+00	1.7E-07	1.0E-03	2.8E-10	1.6E-01	6.7E-01	2.9E-11
393	1.3E+01	1.6E-06	1.0E-03	2.2E-08	1.6E-01	6.7E-01	2.3E-09	1.5E+00	1.7E-07	1.0E-03	2.8E-10	1.6E-01	6.7E-01	2.9E-11
394	1.7E+01	1.6E-06	1.0E-03	2.9E-08	1.6E-01	6.7E-01	3.0E-09	1.5E+00	1.7E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.8E-11
395	2.4E+01	1.6E-06	1.0E-03	4.0E-08	1.6E-01	6.7E-01	4.2E-09	1.5E+00	1.7E-07	1.0E-03	2.7E-10	1.6E-01	6.7E-01	2.8E-11
396	1.1E+01	1.6E-06	1.0E-03	1.9E-08	1.6E-01	6.7E-01	2.0E-09	1.5E+00	1.7E-07	1.0E-03	2.6E-10	1.6E-01	6.7E-01	2.7E-11
397	5.7E+00	1.6E-06	1.0E-03	9.4E-09	1.6E-01	6.7E-01	9.9E-10	1.0E+00	1.7E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11
398	5.1E+00	1.6E-06	1.0E-03	8.5E-09	1.6E-01	6.7E-01	8.9E-10	9.6E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11
399	4.6E+00	1.6E-06	1.0E-03	7.7E-09	1.6E-01	6.7E-01	8.1E-10	9.2E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
400	4.2E+00	1.6E-06	1.0E-03	7.0E-09	1.6E-01	6.7E-01	7.3E-10	8.8E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
401	3.8E+00	1.6E-06	1.0E-03	6.4E-09	1.6E-01	6.7E-01	6.7E-10	8.5E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
402	3.5E+00	1.6E-06	1.0E-03	5.8E-09	1.6E-01	6.7E-01	6.1E-10	8.1E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.5E-11
403	3.2E+00	1.6E-06	1.0E-03	5.3E-09	1.6E-01	6.7E-01	5.6E-10	7.8E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
404	3.0E+00	1.6E-06	1.0E-03	4.9E-09	1.6E-01	6.7E-01	5.2E-10	7.5E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
405	2.7E+00	1.6E-06	1.0E-03	4.5E-09	1.6E-01	6.7E-01	4.8E-10	7.2E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.3E-11
406	2.5E+00	1.6E-06	1.0E-03	4.2E-09	1.6E-01	6.7E-01	4.4E-10	6.9E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
407	8.7E+00	1.6E-06	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.5E-09	1.5E+00	1.7E-07	1.0E-03	2.6E-10	1.6E-01	6.7E-01	2.8E-11
408	1.1E+01	1.6E-06	1.0E-03	1.8E-08	1.6E-01	6.7E-01	1.9E-09	1.5E+00	1.7E-07	1.0E-03	2.6E-10	1.6E-01	6.7E-01	2.7E-11
409	1.3E+01	1.6E-06	1.0E-03	2.2E-08	1.6E-01	6.7E-01	2.3E-09	1.4E+00	1.7E-07	1.0E-03	2.6E-10	1.6E-01	6.7E-01	2.7E-11
410	1.6E+01	1.6E-06	1.0E-03	2.7E-08	1.6E-01	6.7E-01	2.9E-09	1.4E+00	1.7E-07	1.0E-03	2.5E-10	1.6E-01	6.7E-01	2.6E-11
411	2.0E+01	1.6E-06	1.0E-03	3.2E-08	1.6E-01	6.7E-01	3.4E-09	1.4E+00	1.7E-07	1.0E-03	2.5E-10	1.6E-01	6.7E-01	2.6E-11
412	5.2E+00	1.6E-06	1.0E-03	8.7E-09	1.6E-01	6.7E-01	9.1E-10	9.6E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11
413	4.7E+00	1.6E-06	1.0E-03	7.9E-09	1.6E-01	6.7E-01	8.3E-10	9.2E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
414	4.3E+00	1.6E-06	1.0E-03	7.1E-09	1.6E-01	6.7E-01	7.5E-10	8.9E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
415	3.9E+00	1.6E-06	1.0E-03	6.5E-09	1.6E-01	6.7E-01	6.9E-10	8.5E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
416	3.6E+00	1.6E-06	1.0E-03	6.0E-09	1.6E-01	6.7E-01	6.3E-10	8.2E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.5E-11
417	3.3E+00	1.6E-06	1.0E-03	5.5E-09	1.6E-01	6.7E-01	5.8E-10	7.9E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
418	3.0E+00	1.6E-06	1.0E-03	5.1E-09	1.6E-01	6.7E-01	5.3E-10	7.6E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11
419	2.8E+00	1.6E-06	1.0E-03	4.7E-09	1.6E-01	6.7E-01	4.9E-10	7.3E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
420	2.6E+00	1.6E-06	1.0E-03	4.3E-09	1.6E-01	6.7E-01	4.5E-10	7.0E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
421	2.4E+00	1.6E-06	1.0E-03	4.0E-09	1.6E-01	6.7E-01	4.2E-10	6.7E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
422	7.4E+00	1.6E-06	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.3E-09	1.4E+00	1.7E-07	1.0E-03	2.5E-10	1.6E-01	6.7E-01	2.6E-11
423	8.6E+00	1.6E-06	1.0E-03	1.4E-08	1.6E-01	6.7E-01	1.5E-09	1.4E+00	1.7E-07	1.0E-03	2.5E-10	1.6E-01	6.7E-01	2.6E-11
424	1.0E+01	1.6E-06	1.0E-03	1.7E-08	1.6E-01	6.7E-01	1.8E-09	1.4E+00	1.7E-07	1.0E-03	2.4E-10	1.6E-01	6.7E-01	2.5E-11
425	1.2E+01	1.6E-06	1.0E-03	2.0E-08	1.6E-01	6.7E-01	2.1E-09	1.3E+00	1.7E-07	1.0E-03	2.4E-10	1.6E-01	6.7E-01	2.5E-11
426	1.3E+01	1.6E-06	1.0E-03	2.2E-08	1.6E-01	6.7E-01	2.3E-09	1.3E+00	1.7E-07	1.0E-03	2.3E-10	1.6E-01	6.7E-01	2.4E-11
427	4.8E+00	1.6E-06	1.0E-03	7.9E-09	1.6E-01	6.7E-01	8.3E-10	9.2E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
428	4.4E+00	1.6E-06	1.0E-03	7.3E-09	1.6E-01	6.7E-01	7.6E-10	8.9E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
429	4.0E+00	1.6E-06	1.0E-03	6.6E-09	1.6E-01	6.7E-01	7.0E-10	8.6E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
430	3.7E+00	1.6E-06	1.0E-03	6.1E-09	1.6E-01	6.7E-01	6.4E-10	8.3E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.5E-11

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
431	3.4E+00	1.6E-06	1.0E-03	5.6E-09	1.6E-01	6.7E-01	5.9E-10	8.0E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
432	3.1E+00	1.6E-06	1.0E-03	5.2E-09	1.6E-01	6.7E-01	5.4E-10	7.7E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11
433	2.9E+00	1.6E-06	1.0E-03	4.8E-09	1.6E-01	6.7E-01	5.0E-10	7.4E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
434	2.7E+00	1.6E-06	1.0E-03	4.4E-09	1.6E-01	6.7E-01	4.6E-10	7.1E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.3E-11
435	2.5E+00	1.6E-06	1.0E-03	4.1E-09	1.6E-01	6.7E-01	4.3E-10	6.8E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
436	2.3E+00	1.6E-06	1.0E-03	3.8E-09	1.6E-01	6.7E-01	4.0E-10	6.6E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11
437	6.2E+00	1.6E-06	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09	1.3E+00	1.7E-07	1.0E-03	2.4E-10	1.6E-01	6.7E-01	2.5E-11
438	7.0E+00	1.6E-06	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.2E-09	1.3E+00	1.7E-07	1.0E-03	2.3E-10	1.6E-01	6.7E-01	2.4E-11
439	8.0E+00	1.6E-06	1.0E-03	1.3E-08	1.6E-01	6.7E-01	1.4E-09	1.3E+00	1.7E-07	1.0E-03	2.3E-10	1.6E-01	6.7E-01	2.4E-11
440	8.9E+00	1.6E-06	1.0E-03	1.5E-08	1.6E-01	6.7E-01	1.6E-09	1.3E+00	1.7E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.4E-11
441	9.7E+00	1.6E-06	1.0E-03	1.6E-08	1.6E-01	6.7E-01	1.7E-09	1.2E+00	1.7E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11
442	4.4E+00	1.6E-06	1.0E-03	7.3E-09	1.6E-01	6.7E-01	7.6E-10	8.9E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
443	4.0E+00	1.6E-06	1.0E-03	6.7E-09	1.6E-01	6.7E-01	7.0E-10	8.6E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
444	3.7E+00	1.6E-06	1.0E-03	6.2E-09	1.6E-01	6.7E-01	6.5E-10	8.3E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
445	3.4E+00	1.6E-06	1.0E-03	5.7E-09	1.6E-01	6.7E-01	6.0E-10	8.0E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
446	3.2E+00	1.6E-06	1.0E-03	5.3E-09	1.6E-01	6.7E-01	5.5E-10	7.7E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11
447	2.9E+00	1.6E-06	1.0E-03	4.9E-09	1.6E-01	6.7E-01	5.1E-10	7.4E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
448	2.7E+00	1.6E-06	1.0E-03	4.5E-09	1.6E-01	6.7E-01	4.8E-10	7.2E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.3E-11
449	2.5E+00	1.6E-06	1.0E-03	4.2E-09	1.6E-01	6.7E-01	4.4E-10	6.9E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
450	2.4E+00	1.6E-06	1.0E-03	3.9E-09	1.6E-01	6.7E-01	4.1E-10	6.6E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11
451	2.2E+00	1.6E-06	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.8E-10	6.4E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
452	5.2E+00	1.6E-06	1.0E-03	8.7E-09	1.6E-01	6.7E-01	9.1E-10	1.2E+00	1.7E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11
453	5.9E+00	1.6E-06	1.0E-03	9.7E-09	1.6E-01	6.7E-01	1.0E-09	1.2E+00	1.7E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11
454	6.5E+00	1.6E-06	1.0E-03	1.1E-08	1.6E-01	6.7E-01	1.1E-09	1.2E+00	1.7E-07	1.0E-03	2.2E-10	1.6E-01	6.7E-01	2.3E-11
455	7.1E+00	1.6E-06	1.0E-03	1.2E-08	1.6E-01	6.7E-01	1.2E-09	1.2E+00	1.7E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.2E-11
456	7.6E+00	1.6E-06	1.0E-03	1.3E-08	1.6E-01	6.7E-01	1.3E-09	1.2E+00	1.7E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.2E-11
457	4.0E+00	1.6E-06	1.0E-03	6.7E-09	1.6E-01	6.7E-01	7.0E-10	8.5E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
458	3.7E+00	1.6E-06	1.0E-03	6.2E-09	1.6E-01	6.7E-01	6.5E-10	8.3E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.5E-11
459	3.5E+00	1.6E-06	1.0E-03	5.7E-09	1.6E-01	6.7E-01	6.0E-10	8.0E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
460	3.2E+00	1.6E-06	1.0E-03	5.3E-09	1.6E-01	6.7E-01	5.6E-10	7.7E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11
461	3.0E+00	1.6E-06	1.0E-03	4.9E-09	1.6E-01	6.7E-01	5.2E-10	7.5E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
462	2.8E+00	1.6E-06	1.0E-03	4.6E-09	1.6E-01	6.7E-01	4.8E-10	7.2E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.3E-11
463	2.6E+00	1.6E-06	1.0E-03	4.3E-09	1.6E-01	6.7E-01	4.5E-10	7.0E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
464	2.4E+00	1.6E-06	1.0E-03	4.0E-09	1.6E-01	6.7E-01	4.2E-10	6.7E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
465	2.2E+00	1.6E-06	1.0E-03	3.7E-09	1.6E-01	6.7E-01	3.9E-10	6.5E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11
466	2.1E+00	1.6E-06	1.0E-03	3.5E-09	1.6E-01	6.7E-01	3.7E-10	6.2E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
467	4.5E+00	1.6E-06	1.0E-03	7.5E-09	1.6E-01	6.7E-01	7.8E-10	1.2E+00	1.7E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.2E-11
468	4.9E+00	1.6E-06	1.0E-03	8.2E-09	1.6E-01	6.7E-01	8.6E-10	1.2E+00	1.7E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.2E-11
469	5.4E+00	1.6E-06	1.0E-03	8.9E-09	1.6E-01	6.7E-01	9.4E-10	1.2E+00	1.7E-07	1.0E-03	2.1E-10	1.6E-01	6.7E-01	2.2E-11
470	5.8E+00	1.6E-06	1.0E-03	9.7E-09	1.6E-01	6.7E-01	1.0E-09	1.1E+00	1.7E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11
471	6.2E+00	1.6E-06	1.0E-03	1.0E-08	1.6E-01	6.7E-01	1.1E-09	1.1E+00	1.7E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11
472	3.7E+00	1.6E-06	1.0E-03	6.1E-09	1.6E-01	6.7E-01	6.4E-10	8.2E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.5E-11
473	3.5E+00	1.6E-06	1.0E-03	5.7E-09	1.6E-01	6.7E-01	6.0E-10	8.0E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
474	3.2E+00	1.6E-06	1.0E-03	5.3E-09	1.6E-01	6.7E-01	5.6E-10	7.7E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11
475	3.0E+00	1.6E-06	1.0E-03	5.0E-09	1.6E-01	6.7E-01	5.2E-10	7.5E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
476	2.8E+00	1.6E-06	1.0E-03	4.6E-09	1.6E-01	6.7E-01	4.9E-10	7.2E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
477	2.6E+00	1.6E-06	1.0E-03	4.3E-09	1.6E-01	6.7E-01	4.6E-10	7.0E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
478	2.4E+00	1.6E-06	1.0E-03	4.1E-09	1.6E-01	6.7E-01	4.3E-10	6.8E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
479	2.3E+00	1.6E-06	1.0E-03	3.8E-09	1.6E-01	6.7E-01	4.0E-10	6.5E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11
480	2.1E+00	1.6E-06	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.7E-10	6.3E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
481	2.0E+00	1.6E-06	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.5E-10	6.1E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
482	3.9E+00	1.6E-06	1.0E-03	6.5E-09	1.6E-01	6.7E-01	6.8E-10	1.1E+00	1.7E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11
483	4.2E+00	1.6E-06	1.0E-03	7.0E-09	1.6E-01	6.7E-01	7.4E-10	1.1E+00	1.7E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11
484	4.6E+00	1.6E-06	1.0E-03	7.6E-09	1.6E-01	6.7E-01	8.0E-10	1.1E+00	1.7E-07	1.0E-03	2.0E-10	1.6E-01	6.7E-01	2.1E-11
485	4.9E+00	1.6E-06	1.0E-03	8.1E-09	1.6E-01	6.7E-01	8.6E-10	1.1E+00	1.7E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11
486	5.2E+00	1.6E-06	1.0E-03	8.6E-09	1.6E-01	6.7E-01	9.0E-10	1.1E+00	1.7E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11
487	3.4E+00	1.6E-06	1.0E-03	5.6E-09	1.6E-01	6.7E-01	5.9E-10	7.9E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
488	3.2E+00	1.6E-06	1.0E-03	5.3E-09	1.6E-01	6.7E-01	5.6E-10	7.7E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11
489	3.0E+00	1.6E-06	1.0E-03	5.0E-09	1.6E-01	6.7E-01	5.2E-10	7.5E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
490	2.8E+00	1.6E-06	1.0E-03	4.7E-09	1.6E-01	6.7E-01	4.9E-10	7.2E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
491	2.6E+00	1.6E-06	1.0E-03	4.4E-09	1.6E-01	6.7E-01	4.6E-10	7.0E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
492	2.5E+00	1.6E-06	1.0E-03	4.1E-09	1.6E-01	6.7E-01	4.3E-10	6.8E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
493	2.3E+00	1.6E-06	1.0E-03	3.8E-09	1.6E-01	6.7E-01	4.0E-10	6.6E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11
494	2.2E+00	1.6E-06	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.8E-10	6.3E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
495	2.0E+00	1.6E-06	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.6E-10	6.1E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
496	1.9E+00	1.6E-06	1.0E-03	3.2E-09	1.6E-01	6.7E-01	3.3E-10	5.9E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
497	3.4E+00	1.6E-06	1.0E-03	5.7E-09	1.6E-01	6.7E-01	6.0E-10	1.1E+00	1.7E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11
498	3.7E+00	1.6E-06	1.0E-03	6.1E-09	1.6E-01	6.7E-01	6.5E-10	1.1E+00	1.7E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11
499	4.0E+00	1.6E-06	1.0E-03	6.6E-09	1.6E-01	6.7E-01	6.9E-10	1.0E+00	1.7E-07	1.0E-03	1.9E-10	1.6E-01	6.7E-01	2.0E-11
500	4.2E+00	1.6E-06	1.0E-03	7.0E-09	1.6E-01	6.7E-01	7.4E-10	1.0E+00	1.7E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11
501	4.4E+00	1.6E-06	1.0E-03	7.3E-09	1.6E-01	6.7E-01	7.7E-10	1.0E+00	1.7E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11
502	3.1E+00	1.6E-06	1.0E-03	5.2E-09	1.6E-01	6.7E-01	5.5E-10	7.7E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11
503	3.0E+00	1.6E-06	1.0E-03	4.9E-09	1.6E-01	6.7E-01	5.2E-10	7.4E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
504	2.8E+00	1.6E-06	1.0E-03	4.6E-09	1.6E-01	6.7E-01	4.9E-10	7.2E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
505	2.6E+00	1.6E-06	1.0E-03	4.4E-09	1.6E-01	6.7E-01	4.6E-10	7.0E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
506	2.5E+00	1.6E-06	1.0E-03	4.1E-09	1.6E-01	6.7E-01	4.3E-10	6.8E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
507	2.3E+00	1.6E-06	1.0E-03	3.9E-09	1.6E-01	6.7E-01	4.1E-10	6.6E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11
508	2.2E+00	1.6E-06	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.8E-10	6.4E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
509	2.1E+00	1.6E-06	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.6E-10	6.2E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
510	1.9E+00	1.6E-06	1.0E-03	3.2E-09	1.6E-01	6.7E-01	3.4E-10	6.0E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
511	1.8E+00	1.6E-06	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.2E-10	5.8E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
512	3.0E+00	1.6E-06	1.0E-03	5.1E-09	1.6E-01	6.7E-01	5.3E-10	1.0E+00	1.7E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11
513	3.3E+00	1.6E-06	1.0E-03	5.4E-09	1.6E-01	6.7E-01	5.7E-10	1.0E+00	1.7E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11
514	3.5E+00	1.6E-06	1.0E-03	5.8E-09	1.6E-01	6.7E-01	6.1E-10	9.9E-01	1.7E-07	1.0E-03	1.8E-10	1.6E-01	6.7E-01	1.9E-11
515	3.7E+00	1.6E-06	1.0E-03	6.1E-09	1.6E-01	6.7E-01	6.4E-10	9.8E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11
516	3.8E+00	1.6E-06	1.0E-03	6.3E-09	1.6E-01	6.7E-01	6.7E-10	9.7E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
517	2.9E+00	1.6E-06	1.0E-03	4.8E-09	1.6E-01	6.7E-01	5.1E-10	7.4E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
518	2.8E+00	1.6E-06	1.0E-03	4.6E-09	1.6E-01	6.7E-01	4.8E-10	7.2E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.3E-11
519	2.6E+00	1.6E-06	1.0E-03	4.3E-09	1.6E-01	6.7E-01	4.5E-10	7.0E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
520	2.5E+00	1.6E-06	1.0E-03	4.1E-09	1.6E-01	6.7E-01	4.3E-10	6.8E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
521	2.3E+00	1.6E-06	1.0E-03	3.9E-09	1.6E-01	6.7E-01	4.1E-10	6.6E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11
522	2.2E+00	1.6E-06	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.8E-10	6.4E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
523	2.1E+00	1.6E-06	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.6E-10	6.2E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
524	2.0E+00	1.6E-06	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.4E-10	6.0E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
525	1.9E+00	1.6E-06	1.0E-03	3.1E-09	1.6E-01	6.7E-01	3.2E-10	5.8E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
526	1.8E+00	1.6E-06	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.1E-10	5.6E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
527	2.7E+00	1.6E-06	1.0E-03	4.5E-09	1.6E-01	6.7E-01	4.8E-10	9.7E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11
528	2.9E+00	1.6E-06	1.0E-03	4.8E-09	1.6E-01	6.7E-01	5.1E-10	9.6E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11
529	3.1E+00	1.6E-06	1.0E-03	5.1E-09	1.6E-01	6.7E-01	5.4E-10	9.5E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11
530	3.2E+00	1.6E-06	1.0E-03	5.4E-09	1.6E-01	6.7E-01	5.6E-10	9.4E-01	1.7E-07	1.0E-03	1.7E-10	1.6E-01	6.7E-01	1.8E-11
531	3.4E+00	1.6E-06	1.0E-03	5.6E-09	1.6E-01	6.7E-01	5.9E-10	9.2E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
532	2.7E+00	1.6E-06	1.0E-03	4.5E-09	1.6E-01	6.7E-01	4.7E-10	7.1E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.3E-11
533	2.6E+00	1.6E-06	1.0E-03	4.2E-09	1.6E-01	6.7E-01	4.5E-10	6.9E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
534	2.4E+00	1.6E-06	1.0E-03	4.0E-09	1.6E-01	6.7E-01	4.2E-10	6.7E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
535	2.3E+00	1.6E-06	1.0E-03	3.8E-09	1.6E-01	6.7E-01	4.0E-10	6.6E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11
536	2.2E+00	1.6E-06	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.8E-10	6.4E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
537	2.1E+00	1.6E-06	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.6E-10	6.2E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
538	2.0E+00	1.6E-06	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.4E-10	6.0E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
539	1.9E+00	1.6E-06	1.0E-03	3.1E-09	1.6E-01	6.7E-01	3.2E-10	5.8E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
540	1.8E+00	1.6E-06	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.1E-10	5.7E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
541	1.7E+00	1.6E-06	1.0E-03	2.8E-09	1.6E-01	6.7E-01	2.9E-10	5.5E-01	1.7E-07	1.0E-03	9.8E-11	1.6E-01	6.7E-01	1.0E-11
542	2.5E+00	1.6E-06	1.0E-03	4.1E-09	1.6E-01	6.7E-01	4.3E-10	9.2E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
543	2.6E+00	1.6E-06	1.0E-03	4.3E-09	1.6E-01	6.7E-01	4.6E-10	9.2E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
544	2.8E+00	1.6E-06	1.0E-03	4.6E-09	1.6E-01	6.7E-01	4.8E-10	9.0E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
545	2.9E+00	1.6E-06	1.0E-03	4.8E-09	1.6E-01	6.7E-01	5.0E-10	8.9E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
546	3.0E+00	1.6E-06	1.0E-03	4.9E-09	1.6E-01	6.7E-01	5.2E-10	8.8E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
547	2.5E+00	1.6E-06	1.0E-03	4.1E-09	1.6E-01	6.7E-01	4.3E-10	6.9E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
548	2.4E+00	1.6E-06	1.0E-03	3.9E-09	1.6E-01	6.7E-01	4.1E-10	6.7E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
549	2.3E+00	1.6E-06	1.0E-03	3.8E-09	1.6E-01	6.7E-01	3.9E-10	6.5E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11
550	2.2E+00	1.6E-06	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.8E-10	6.3E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
551	2.0E+00	1.6E-06	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.5E-10	6.1E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
552	1.9E+00	1.6E-06	1.0E-03	3.2E-09	1.6E-01	6.7E-01	3.4E-10	6.0E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
553	1.8E+00	1.6E-06	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.2E-10	5.8E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
554	1.7E+00	1.6E-06	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.0E-10	5.6E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
555	1.7E+00	1.6E-06	1.0E-03	2.8E-09	1.6E-01	6.7E-01	2.9E-10	5.5E-01	1.7E-07	1.0E-03	9.8E-11	1.6E-01	6.7E-01	1.0E-11
556	1.6E+00	1.6E-06	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10	5.3E-01	1.7E-07	1.0E-03	9.5E-11	1.6E-01	6.7E-01	9.9E-12
557	2.2E+00	1.6E-06	1.0E-03	3.7E-09	1.6E-01	6.7E-01	3.9E-10	8.8E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.7E-11
558	2.4E+00	1.6E-06	1.0E-03	3.9E-09	1.6E-01	6.7E-01	4.1E-10	8.7E-01	1.7E-07	1.0E-03	1.6E-10	1.6E-01	6.7E-01	1.6E-11
559	2.5E+00	1.6E-06	1.0E-03	4.1E-09	1.6E-01	6.7E-01	4.3E-10	8.6E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
560	2.6E+00	1.6E-06	1.0E-03	4.3E-09	1.6E-01	6.7E-01	4.5E-10	8.5E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
561	2.7E+00	1.6E-06	1.0E-03	4.4E-09	1.6E-01	6.7E-01	4.7E-10	8.4E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
562	2.2E+00	1.6E-06	1.0E-03	3.7E-09	1.6E-01	6.7E-01	3.9E-10	6.5E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11
563	2.1E+00	1.6E-06	1.0E-03	3.5E-09	1.6E-01	6.7E-01	3.7E-10	6.3E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
564	2.0E+00	1.6E-06	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.5E-10	6.1E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
565	1.9E+00	1.6E-06	1.0E-03	3.1E-09	1.6E-01	6.7E-01	3.3E-10	5.9E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
566	1.8E+00	1.6E-06	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.1E-10	5.7E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
567	1.7E+00	1.6E-06	1.0E-03	2.8E-09	1.6E-01	6.7E-01	3.0E-10	5.6E-01	1.7E-07	1.0E-03	9.9E-11	1.6E-01	6.7E-01	1.0E-11
568	1.6E+00	1.6E-06	1.0E-03	2.7E-09	1.6E-01	6.7E-01	2.8E-10	5.4E-01	1.7E-07	1.0E-03	9.7E-11	1.6E-01	6.7E-01	1.0E-11
569	1.6E+00	1.6E-06	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10	5.3E-01	1.7E-07	1.0E-03	9.4E-11	1.6E-01	6.7E-01	9.9E-12
570	1.5E+00	1.6E-06	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.6E-10	5.1E-01	1.7E-07	1.0E-03	9.1E-11	1.6E-01	6.7E-01	9.6E-12
571	2.0E+00	1.6E-06	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.6E-10	8.4E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
572	2.2E+00	1.6E-06	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.7E-10	8.4E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.6E-11
573	2.2E+00	1.6E-06	1.0E-03	3.7E-09	1.6E-01	6.7E-01	3.9E-10	8.3E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.5E-11
574	2.3E+00	1.6E-06	1.0E-03	3.9E-09	1.6E-01	6.7E-01	4.1E-10	8.2E-01	1.7E-07	1.0E-03	1.5E-10	1.6E-01	6.7E-01	1.5E-11
575	2.4E+00	1.6E-06	1.0E-03	4.0E-09	1.6E-01	6.7E-01	4.2E-10	8.1E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
576	2.0E+00	1.6E-06	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.5E-10	6.1E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
577	1.9E+00	1.6E-06	1.0E-03	3.2E-09	1.6E-01	6.7E-01	3.3E-10	6.0E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
578	1.8E+00	1.6E-06	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.1E-10	5.8E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
579	1.7E+00	1.6E-06	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.0E-10	5.6E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
580	1.6E+00	1.6E-06	1.0E-03	2.7E-09	1.6E-01	6.7E-01	2.9E-10	5.5E-01	1.7E-07	1.0E-03	9.7E-11	1.6E-01	6.7E-01	1.0E-11
581	1.6E+00	1.6E-06	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10	5.3E-01	1.7E-07	1.0E-03	9.4E-11	1.6E-01	6.7E-01	9.9E-12
582	1.5E+00	1.6E-06	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.6E-10	5.1E-01	1.7E-07	1.0E-03	9.1E-11	1.6E-01	6.7E-01	9.6E-12
583	1.4E+00	1.6E-06	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.5E-10	5.0E-01	1.7E-07	1.0E-03	8.9E-11	1.6E-01	6.7E-01	9.3E-12
584	1.9E+00	1.6E-06	1.0E-03	3.1E-09	1.6E-01	6.7E-01	3.3E-10	8.1E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
585	2.0E+00	1.6E-06	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.4E-10	8.0E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
586	2.1E+00	1.6E-06	1.0E-03	3.4E-09	1.6E-01	6.7E-01	3.6E-10	7.9E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
587	2.1E+00	1.6E-06	1.0E-03	3.5E-09	1.6E-01	6.7E-01	3.7E-10	7.8E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
588	2.2E+00	1.6E-06	1.0E-03	3.6E-09	1.6E-01	6.7E-01	3.8E-10	7.7E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.5E-11
589	1.8E+00	1.6E-06	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.2E-10	5.8E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
590	1.7E+00	1.6E-06	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.0E-10	5.7E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
591	1.7E+00	1.6E-06	1.0E-03	2.8E-09	1.6E-01	6.7E-01	2.9E-10	5.5E-01	1.7E-07	1.0E-03	9.8E-11	1.6E-01	6.7E-01	1.0E-11
592	1.6E+00	1.6E-06	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.8E-10	5.4E-01	1.7E-07	1.0E-03	9.6E-11	1.6E-01	6.7E-01	1.0E-11
593	1.5E+00	1.6E-06	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.7E-10	5.2E-01	1.7E-07	1.0E-03	9.3E-11	1.6E-01	6.7E-01	9.8E-12
594	1.4E+00	1.6E-06	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	5.1E-01	1.7E-07	1.0E-03	9.0E-11	1.6E-01	6.7E-01	9.5E-12
595	1.4E+00	1.6E-06	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10	4.9E-01	1.7E-07	1.0E-03	8.7E-11	1.6E-01	6.7E-01	9.2E-12
596	1.7E+00	1.6E-06	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.0E-10	7.7E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11
597	1.8E+00	1.6E-06	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.1E-10	7.7E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11
598	1.9E+00	1.6E-06	1.0E-03	3.1E-09	1.6E-01	6.7E-01	3.3E-10	7.6E-01	1.7E-07	1.0E-03	1.4E-10	1.6E-01	6.7E-01	1.4E-11
599	1.9E+00	1.6E-06	1.0E-03	3.2E-09	1.6E-01	6.7E-01	3.4E-10	7.5E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
600	2.0E+00	1.6E-06	1.0E-03	3.3E-09	1.6E-01	6.7E-01	3.5E-10	7.4E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
601	1.6E+00	1.6E-06	1.0E-03	2.7E-09	1.6E-01	6.7E-01	2.9E-10	5.5E-01	1.7E-07	1.0E-03	9.8E-11	1.6E-01	6.7E-01	1.0E-11
602	1.6E+00	1.6E-06	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.8E-10	5.4E-01	1.7E-07	1.0E-03	9.6E-11	1.6E-01	6.7E-01	1.0E-11

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
603	1.5E+00	1.6E-06	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.6E-10	5.2E-01	1.7E-07	1.0E-03	9.3E-11	1.6E-01	6.7E-01	9.8E-12
604	1.5E+00	1.6E-06	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	5.1E-01	1.7E-07	1.0E-03	9.1E-11	1.6E-01	6.7E-01	9.5E-12
605	1.4E+00	1.6E-06	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10	5.0E-01	1.7E-07	1.0E-03	8.8E-11	1.6E-01	6.7E-01	9.3E-12
606	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	4.8E-01	1.7E-07	1.0E-03	8.6E-11	1.6E-01	6.7E-01	9.0E-12
607	1.6E+00	1.6E-06	1.0E-03	2.7E-09	1.6E-01	6.7E-01	2.8E-10	7.4E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
608	1.7E+00	1.6E-06	1.0E-03	2.8E-09	1.6E-01	6.7E-01	2.9E-10	7.3E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
609	1.7E+00	1.6E-06	1.0E-03	2.9E-09	1.6E-01	6.7E-01	3.0E-10	7.3E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
610	1.8E+00	1.6E-06	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.1E-10	7.2E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.4E-11
611	1.8E+00	1.6E-06	1.0E-03	3.0E-09	1.6E-01	6.7E-01	3.2E-10	7.1E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.3E-11
612	1.6E+00	1.6E-06	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10	5.3E-01	1.7E-07	1.0E-03	9.5E-11	1.6E-01	6.7E-01	1.0E-11
613	1.5E+00	1.6E-06	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.6E-10	5.2E-01	1.7E-07	1.0E-03	9.3E-11	1.6E-01	6.7E-01	9.8E-12
614	1.4E+00	1.6E-06	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	5.1E-01	1.7E-07	1.0E-03	9.1E-11	1.6E-01	6.7E-01	9.5E-12
615	1.4E+00	1.6E-06	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10	5.0E-01	1.7E-07	1.0E-03	8.8E-11	1.6E-01	6.7E-01	9.3E-12
616	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	4.8E-01	1.7E-07	1.0E-03	8.6E-11	1.6E-01	6.7E-01	9.0E-12
617	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	4.7E-01	1.7E-07	1.0E-03	8.4E-11	1.6E-01	6.7E-01	8.8E-12
618	1.5E+00	1.6E-06	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.6E-10	7.1E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.3E-11
619	1.5E+00	1.6E-06	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10	7.0E-01	1.7E-07	1.0E-03	1.3E-10	1.6E-01	6.7E-01	1.3E-11
620	1.6E+00	1.6E-06	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.8E-10	7.0E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
621	1.6E+00	1.6E-06	1.0E-03	2.7E-09	1.6E-01	6.7E-01	2.9E-10	6.9E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
622	1.7E+00	1.6E-06	1.0E-03	2.8E-09	1.6E-01	6.7E-01	2.9E-10	6.9E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
623	1.5E+00	1.6E-06	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.6E-10	5.2E-01	1.7E-07	1.0E-03	9.3E-11	1.6E-01	6.7E-01	9.7E-12
624	1.4E+00	1.6E-06	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	5.1E-01	1.7E-07	1.0E-03	9.0E-11	1.6E-01	6.7E-01	9.5E-12
625	1.4E+00	1.6E-06	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10	5.0E-01	1.7E-07	1.0E-03	8.8E-11	1.6E-01	6.7E-01	9.3E-12
626	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	4.8E-01	1.7E-07	1.0E-03	8.6E-11	1.6E-01	6.7E-01	9.1E-12
627	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	4.7E-01	1.7E-07	1.0E-03	8.4E-11	1.6E-01	6.7E-01	8.8E-12
628	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	4.6E-01	1.7E-07	1.0E-03	8.2E-11	1.6E-01	6.7E-01	8.6E-12
629	1.4E+00	1.6E-06	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10	6.8E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
630	1.4E+00	1.6E-06	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	6.8E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
631	1.5E+00	1.6E-06	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.6E-10	6.7E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.3E-11
632	1.5E+00	1.6E-06	1.0E-03	2.5E-09	1.6E-01	6.7E-01	2.7E-10	6.7E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11
633	1.6E+00	1.6E-06	1.0E-03	2.6E-09	1.6E-01	6.7E-01	2.7E-10	6.6E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11
634	1.4E+00	1.6E-06	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10	5.0E-01	1.7E-07	1.0E-03	9.0E-11	1.6E-01	6.7E-01	9.4E-12
635	1.4E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.4E-10	4.9E-01	1.7E-07	1.0E-03	8.8E-11	1.6E-01	6.7E-01	9.2E-12
636	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	4.8E-01	1.7E-07	1.0E-03	8.6E-11	1.6E-01	6.7E-01	9.0E-12
637	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	4.7E-01	1.7E-07	1.0E-03	8.4E-11	1.6E-01	6.7E-01	8.8E-12
638	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	4.6E-01	1.7E-07	1.0E-03	8.2E-11	1.6E-01	6.7E-01	8.6E-12
639	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	4.5E-01	1.7E-07	1.0E-03	8.0E-11	1.6E-01	6.7E-01	8.4E-12
640	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	6.5E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11
641	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	6.5E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11
642	1.4E+00	1.6E-06	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10	6.5E-01	1.7E-07	1.0E-03	1.2E-10	1.6E-01	6.7E-01	1.2E-11
643	1.4E+00	1.6E-06	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.5E-10	6.4E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
644	1.4E+00	1.6E-06	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	6.3E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
645	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	4.9E-01	1.7E-07	1.0E-03	8.7E-11	1.6E-01	6.7E-01	9.2E-12

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
646	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	4.8E-01	1.7E-07	1.0E-03	8.6E-11	1.6E-01	6.7E-01	9.0E-12
647	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	4.7E-01	1.7E-07	1.0E-03	8.4E-11	1.6E-01	6.7E-01	8.8E-12
648	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	4.6E-01	1.7E-07	1.0E-03	8.2E-11	1.6E-01	6.7E-01	8.6E-12
649	1.2E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	4.5E-01	1.7E-07	1.0E-03	8.0E-11	1.6E-01	6.7E-01	8.4E-12
650	1.1E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	4.4E-01	1.7E-07	1.0E-03	7.8E-11	1.6E-01	6.7E-01	8.2E-12
651	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	6.3E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
652	1.2E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	6.3E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
653	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	6.2E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
654	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	6.2E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.2E-11
655	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.4E-10	6.1E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
656	1.4E+00	1.6E-06	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10	6.0E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
657	1.4E+00	1.6E-06	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10	6.0E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
658	1.4E+00	1.6E-06	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	5.9E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
659	1.4E+00	1.6E-06	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	5.8E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
660	1.4E+00	1.6E-06	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	5.8E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
661	1.4E+00	1.6E-06	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	5.7E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
662	1.4E+00	1.6E-06	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	5.6E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.0E-11
663	1.4E+00	1.6E-06	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	5.5E-01	1.7E-07	1.0E-03	9.8E-11	1.6E-01	6.7E-01	1.0E-11
664	1.4E+00	1.6E-06	1.0E-03	2.4E-09	1.6E-01	6.7E-01	2.5E-10	5.4E-01	1.7E-07	1.0E-03	9.7E-11	1.6E-01	6.7E-01	1.0E-11
665	1.4E+00	1.6E-06	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.5E-10	5.3E-01	1.7E-07	1.0E-03	9.5E-11	1.6E-01	6.7E-01	1.0E-11
666	1.4E+00	1.6E-06	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10	5.2E-01	1.7E-07	1.0E-03	9.3E-11	1.6E-01	6.7E-01	9.8E-12
667	1.4E+00	1.6E-06	1.0E-03	2.3E-09	1.6E-01	6.7E-01	2.4E-10	5.1E-01	1.7E-07	1.0E-03	9.2E-11	1.6E-01	6.7E-01	9.6E-12
668	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	5.1E-01	1.7E-07	1.0E-03	9.0E-11	1.6E-01	6.7E-01	9.5E-12
669	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	5.0E-01	1.7E-07	1.0E-03	8.8E-11	1.6E-01	6.7E-01	9.3E-12
670	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	4.9E-01	1.7E-07	1.0E-03	8.7E-11	1.6E-01	6.7E-01	9.1E-12
671	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	4.8E-01	1.7E-07	1.0E-03	8.5E-11	1.6E-01	6.7E-01	8.9E-12
672	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	4.7E-01	1.7E-07	1.0E-03	8.3E-11	1.6E-01	6.7E-01	8.7E-12
673	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	4.6E-01	1.7E-07	1.0E-03	8.2E-11	1.6E-01	6.7E-01	8.6E-12
674	1.2E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	4.5E-01	1.7E-07	1.0E-03	8.0E-11	1.6E-01	6.7E-01	8.4E-12
675	1.1E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	4.4E-01	1.7E-07	1.0E-03	7.8E-11	1.6E-01	6.7E-01	8.2E-12
676	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	4.3E-01	1.7E-07	1.0E-03	7.6E-11	1.6E-01	6.7E-01	8.0E-12
677	1.1E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	6.1E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
678	1.2E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	6.0E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
679	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	6.0E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
680	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	5.9E-01	1.7E-07	1.0E-03	1.1E-10	1.6E-01	6.7E-01	1.1E-11
681	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	5.9E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
682	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	5.8E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
683	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	5.8E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
684	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	5.7E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
685	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	5.6E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
686	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	5.6E-01	1.7E-07	1.0E-03	9.9E-11	1.6E-01	6.7E-01	1.0E-11
687	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	5.5E-01	1.7E-07	1.0E-03	9.8E-11	1.6E-01	6.7E-01	1.0E-11
688	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	5.4E-01	1.7E-07	1.0E-03	9.6E-11	1.6E-01	6.7E-01	1.0E-11

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
689	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	5.3E-01	1.7E-07	1.0E-03	9.5E-11	1.6E-01	6.7E-01	1.0E-11
690	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	5.2E-01	1.7E-07	1.0E-03	9.4E-11	1.6E-01	6.7E-01	9.8E-12
691	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	5.2E-01	1.7E-07	1.0E-03	9.2E-11	1.6E-01	6.7E-01	9.7E-12
692	1.3E+00	1.6E-06	1.0E-03	2.2E-09	1.6E-01	6.7E-01	2.3E-10	5.1E-01	1.7E-07	1.0E-03	9.1E-11	1.6E-01	6.7E-01	9.5E-12
693	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	5.0E-01	1.7E-07	1.0E-03	8.9E-11	1.6E-01	6.7E-01	9.4E-12
694	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	4.9E-01	1.7E-07	1.0E-03	8.7E-11	1.6E-01	6.7E-01	9.2E-12
695	1.2E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	4.8E-01	1.7E-07	1.0E-03	8.6E-11	1.6E-01	6.7E-01	9.0E-12
696	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	4.7E-01	1.7E-07	1.0E-03	8.4E-11	1.6E-01	6.7E-01	8.9E-12
697	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	4.6E-01	1.7E-07	1.0E-03	8.3E-11	1.6E-01	6.7E-01	8.7E-12
698	1.2E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	4.5E-01	1.7E-07	1.0E-03	8.1E-11	1.6E-01	6.7E-01	8.5E-12
699	1.1E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	4.5E-01	1.7E-07	1.0E-03	7.9E-11	1.6E-01	6.7E-01	8.3E-12
700	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	4.4E-01	1.7E-07	1.0E-03	7.8E-11	1.6E-01	6.7E-01	8.2E-12
701	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	4.3E-01	1.7E-07	1.0E-03	7.6E-11	1.6E-01	6.7E-01	8.0E-12
702	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.2E-01	1.7E-07	1.0E-03	7.4E-11	1.6E-01	6.7E-01	7.8E-12
703	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	5.8E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
704	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	5.8E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
705	1.1E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	5.8E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
706	1.2E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	5.7E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
707	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	5.7E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
708	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	5.6E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.1E-11
709	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	5.6E-01	1.7E-07	1.0E-03	9.9E-11	1.6E-01	6.7E-01	1.0E-11
710	1.2E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	5.5E-01	1.7E-07	1.0E-03	9.8E-11	1.6E-01	6.7E-01	1.0E-11
711	1.2E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	5.4E-01	1.7E-07	1.0E-03	9.7E-11	1.6E-01	6.7E-01	1.0E-11
712	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	5.4E-01	1.7E-07	1.0E-03	9.6E-11	1.6E-01	6.7E-01	1.0E-11
713	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	5.3E-01	1.7E-07	1.0E-03	9.5E-11	1.6E-01	6.7E-01	9.9E-12
714	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	5.2E-01	1.7E-07	1.0E-03	9.3E-11	1.6E-01	6.7E-01	9.8E-12
715	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	5.2E-01	1.7E-07	1.0E-03	9.2E-11	1.6E-01	6.7E-01	9.7E-12
716	1.3E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	5.1E-01	1.7E-07	1.0E-03	9.1E-11	1.6E-01	6.7E-01	9.5E-12
717	1.2E+00	1.6E-06	1.0E-03	2.1E-09	1.6E-01	6.7E-01	2.2E-10	5.0E-01	1.7E-07	1.0E-03	8.9E-11	1.6E-01	6.7E-01	9.4E-12
718	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	4.9E-01	1.7E-07	1.0E-03	8.8E-11	1.6E-01	6.7E-01	9.2E-12
719	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	4.8E-01	1.7E-07	1.0E-03	8.6E-11	1.6E-01	6.7E-01	9.1E-12
720	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	4.8E-01	1.7E-07	1.0E-03	8.5E-11	1.6E-01	6.7E-01	8.9E-12
721	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	4.7E-01	1.7E-07	1.0E-03	8.3E-11	1.6E-01	6.7E-01	8.8E-12
722	1.2E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	4.6E-01	1.7E-07	1.0E-03	8.2E-11	1.6E-01	6.7E-01	8.6E-12
723	1.1E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	4.5E-01	1.7E-07	1.0E-03	8.0E-11	1.6E-01	6.7E-01	8.4E-12
724	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	4.4E-01	1.7E-07	1.0E-03	7.9E-11	1.6E-01	6.7E-01	8.3E-12
725	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	4.3E-01	1.7E-07	1.0E-03	7.7E-11	1.6E-01	6.7E-01	8.1E-12
726	1.1E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.2E-01	1.7E-07	1.0E-03	7.6E-11	1.6E-01	6.7E-01	8.0E-12
727	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.2E-01	1.7E-07	1.0E-03	7.4E-11	1.6E-01	6.7E-01	7.8E-12
728	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.7E-10	4.1E-01	1.7E-07	1.0E-03	7.3E-11	1.6E-01	6.7E-01	7.6E-12
729	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.7E-10	5.6E-01	1.7E-07	1.0E-03	1.0E-10	1.6E-01	6.7E-01	1.0E-11
730	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	5.6E-01	1.7E-07	1.0E-03	9.9E-11	1.6E-01	6.7E-01	1.0E-11
731	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.8E-10	5.5E-01	1.7E-07	1.0E-03	9.9E-11	1.6E-01	6.7E-01	1.0E-11

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
732	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	5.5E-01	1.7E-07	1.0E-03	9.8E-11	1.6E-01	6.7E-01	1.0E-11
733	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	5.5E-01	1.7E-07	1.0E-03	9.7E-11	1.6E-01	6.7E-01	1.0E-11
734	1.1E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	5.4E-01	1.7E-07	1.0E-03	9.7E-11	1.6E-01	6.7E-01	1.0E-11
735	1.1E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	5.4E-01	1.7E-07	1.0E-03	9.6E-11	1.6E-01	6.7E-01	1.0E-11
736	1.2E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	5.3E-01	1.7E-07	1.0E-03	9.5E-11	1.6E-01	6.7E-01	9.9E-12
737	1.2E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	5.3E-01	1.7E-07	1.0E-03	9.4E-11	1.6E-01	6.7E-01	9.8E-12
738	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	5.2E-01	1.7E-07	1.0E-03	9.3E-11	1.6E-01	6.7E-01	9.7E-12
739	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	5.1E-01	1.7E-07	1.0E-03	9.1E-11	1.6E-01	6.7E-01	9.6E-12
740	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	5.1E-01	1.7E-07	1.0E-03	9.0E-11	1.6E-01	6.7E-01	9.5E-12
741	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	5.0E-01	1.7E-07	1.0E-03	8.9E-11	1.6E-01	6.7E-01	9.3E-12
742	1.2E+00	1.6E-06	1.0E-03	2.0E-09	1.6E-01	6.7E-01	2.1E-10	4.9E-01	1.7E-07	1.0E-03	8.8E-11	1.6E-01	6.7E-01	9.2E-12
743	1.2E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	4.9E-01	1.7E-07	1.0E-03	8.6E-11	1.6E-01	6.7E-01	9.1E-12
744	1.2E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	4.8E-01	1.7E-07	1.0E-03	8.5E-11	1.6E-01	6.7E-01	8.9E-12
745	1.2E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	4.7E-01	1.7E-07	1.0E-03	8.4E-11	1.6E-01	6.7E-01	8.8E-12
746	1.1E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	2.0E-10	4.6E-01	1.7E-07	1.0E-03	8.2E-11	1.6E-01	6.7E-01	8.7E-12
747	1.1E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	1.9E-10	4.5E-01	1.7E-07	1.0E-03	8.1E-11	1.6E-01	6.7E-01	8.5E-12
748	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	4.5E-01	1.7E-07	1.0E-03	8.0E-11	1.6E-01	6.7E-01	8.4E-12
749	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	4.4E-01	1.7E-07	1.0E-03	7.8E-11	1.6E-01	6.7E-01	8.2E-12
750	1.1E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.3E-01	1.7E-07	1.0E-03	7.7E-11	1.6E-01	6.7E-01	8.1E-12
751	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.2E-01	1.7E-07	1.0E-03	7.5E-11	1.6E-01	6.7E-01	7.9E-12
752	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.1E-01	1.7E-07	1.0E-03	7.4E-11	1.6E-01	6.7E-01	7.8E-12
753	9.8E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	4.1E-01	1.7E-07	1.0E-03	7.2E-11	1.6E-01	6.7E-01	7.6E-12
754	9.6E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	4.0E-01	1.7E-07	1.0E-03	7.1E-11	1.6E-01	6.7E-01	7.4E-12
755	9.4E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.6E-10	5.4E-01	1.7E-07	1.0E-03	9.6E-11	1.6E-01	6.7E-01	1.0E-11
756	9.7E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	5.4E-01	1.7E-07	1.0E-03	9.6E-11	1.6E-01	6.7E-01	1.0E-11
757	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.7E-10	5.3E-01	1.7E-07	1.0E-03	9.5E-11	1.6E-01	6.7E-01	1.0E-11
758	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	5.3E-01	1.7E-07	1.0E-03	9.5E-11	1.6E-01	6.7E-01	9.9E-12
759	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	5.3E-01	1.7E-07	1.0E-03	9.4E-11	1.6E-01	6.7E-01	9.9E-12
760	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.8E-10	5.2E-01	1.7E-07	1.0E-03	9.3E-11	1.6E-01	6.7E-01	9.8E-12
761	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	5.2E-01	1.7E-07	1.0E-03	9.2E-11	1.6E-01	6.7E-01	9.7E-12
762	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	5.1E-01	1.7E-07	1.0E-03	9.1E-11	1.6E-01	6.7E-01	9.6E-12
763	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	5.1E-01	1.7E-07	1.0E-03	9.0E-11	1.6E-01	6.7E-01	9.5E-12
764	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	5.0E-01	1.7E-07	1.0E-03	8.9E-11	1.6E-01	6.7E-01	9.4E-12
765	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	5.0E-01	1.7E-07	1.0E-03	8.8E-11	1.6E-01	6.7E-01	9.3E-12
766	1.1E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	1.9E-10	4.9E-01	1.7E-07	1.0E-03	8.7E-11	1.6E-01	6.7E-01	9.2E-12
767	1.1E+00	1.6E-06	1.0E-03	1.9E-09	1.6E-01	6.7E-01	1.9E-10	4.8E-01	1.7E-07	1.0E-03	8.6E-11	1.6E-01	6.7E-01	9.1E-12
768	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	4.8E-01	1.7E-07	1.0E-03	8.5E-11	1.6E-01	6.7E-01	8.9E-12
769	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	4.7E-01	1.7E-07	1.0E-03	8.4E-11	1.6E-01	6.7E-01	8.8E-12
770	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	4.6E-01	1.7E-07	1.0E-03	8.3E-11	1.6E-01	6.7E-01	8.7E-12
771	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	4.6E-01	1.7E-07	1.0E-03	8.1E-11	1.6E-01	6.7E-01	8.5E-12
772	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.9E-10	4.5E-01	1.7E-07	1.0E-03	8.0E-11	1.6E-01	6.7E-01	8.4E-12
773	1.1E+00	1.6E-06	1.0E-03	1.8E-09	1.6E-01	6.7E-01	1.8E-10	4.4E-01	1.7E-07	1.0E-03	7.9E-11	1.6E-01	6.7E-01	8.3E-12
774	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.3E-01	1.7E-07	1.0E-03	7.7E-11	1.6E-01	6.7E-01	8.1E-12

Franklin School Project

Risk From Modernization Const - Mitigated Residential

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
775	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.3E-01	1.7E-07	1.0E-03	7.6E-11	1.6E-01	6.7E-01	8.0E-12
776	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.7E-10	4.2E-01	1.7E-07	1.0E-03	7.5E-11	1.6E-01	6.7E-01	7.8E-12
777	9.8E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	4.1E-01	1.7E-07	1.0E-03	7.3E-11	1.6E-01	6.7E-01	7.7E-12
778	9.6E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	4.0E-01	1.7E-07	1.0E-03	7.2E-11	1.6E-01	6.7E-01	7.6E-12
779	9.4E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.6E-10	4.0E-01	1.7E-07	1.0E-03	7.1E-11	1.6E-01	6.7E-01	7.4E-12
780	9.2E-01	1.6E-06	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	3.9E-01	1.7E-07	1.0E-03	6.9E-11	1.6E-01	6.7E-01	7.3E-12
781	8.9E-01	1.6E-06	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	5.2E-01	1.7E-07	1.0E-03	9.3E-11	1.6E-01	6.7E-01	9.8E-12
782	9.2E-01	1.6E-06	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	5.2E-01	1.7E-07	1.0E-03	9.2E-11	1.6E-01	6.7E-01	9.7E-12
783	9.4E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.6E-10	5.2E-01	1.7E-07	1.0E-03	9.2E-11	1.6E-01	6.7E-01	9.7E-12
784	9.6E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	5.1E-01	1.7E-07	1.0E-03	9.1E-11	1.6E-01	6.7E-01	9.6E-12
785	9.8E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	5.1E-01	1.7E-07	1.0E-03	9.1E-11	1.6E-01	6.7E-01	9.5E-12
786	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.7E-10	5.0E-01	1.7E-07	1.0E-03	9.0E-11	1.6E-01	6.7E-01	9.5E-12
787	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	5.0E-01	1.7E-07	1.0E-03	8.9E-11	1.6E-01	6.7E-01	9.4E-12
788	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	5.0E-01	1.7E-07	1.0E-03	8.8E-11	1.6E-01	6.7E-01	9.3E-12
789	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.9E-01	1.7E-07	1.0E-03	8.7E-11	1.6E-01	6.7E-01	9.2E-12
790	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.9E-01	1.7E-07	1.0E-03	8.7E-11	1.6E-01	6.7E-01	9.1E-12
791	1.1E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.8E-01	1.7E-07	1.0E-03	8.6E-11	1.6E-01	6.7E-01	9.0E-12
792	1.1E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.7E-01	1.7E-07	1.0E-03	8.5E-11	1.6E-01	6.7E-01	8.9E-12
793	1.1E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.7E-01	1.7E-07	1.0E-03	8.4E-11	1.6E-01	6.7E-01	8.8E-12
794	1.1E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.6E-01	1.7E-07	1.0E-03	8.2E-11	1.6E-01	6.7E-01	8.7E-12
795	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.6E-01	1.7E-07	1.0E-03	8.1E-11	1.6E-01	6.7E-01	8.5E-12
796	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.5E-01	1.7E-07	1.0E-03	8.0E-11	1.6E-01	6.7E-01	8.4E-12
797	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.4E-01	1.7E-07	1.0E-03	7.9E-11	1.6E-01	6.7E-01	8.3E-12
798	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.4E-01	1.7E-07	1.0E-03	7.8E-11	1.6E-01	6.7E-01	8.2E-12
799	1.0E+00	1.6E-06	1.0E-03	1.7E-09	1.6E-01	6.7E-01	1.8E-10	4.3E-01	1.7E-07	1.0E-03	7.7E-11	1.6E-01	6.7E-01	8.0E-12
800	9.9E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	4.2E-01	1.7E-07	1.0E-03	7.5E-11	1.6E-01	6.7E-01	7.9E-12
801	9.7E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	4.1E-01	1.7E-07	1.0E-03	7.4E-11	1.6E-01	6.7E-01	7.8E-12
802	9.6E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.7E-10	4.1E-01	1.7E-07	1.0E-03	7.3E-11	1.6E-01	6.7E-01	7.6E-12
803	9.4E-01	1.6E-06	1.0E-03	1.6E-09	1.6E-01	6.7E-01	1.6E-10	4.0E-01	1.7E-07	1.0E-03	7.1E-11	1.6E-01	6.7E-01	7.5E-12
804	9.2E-01	1.6E-06	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	3.9E-01	1.7E-07	1.0E-03	7.0E-11	1.6E-01	6.7E-01	7.4E-12
805	9.0E-01	1.6E-06	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.6E-10	3.9E-01	1.7E-07	1.0E-03	6.9E-11	1.6E-01	6.7E-01	7.2E-12
806	8.8E-01	1.6E-06	1.0E-03	1.5E-09	1.6E-01	6.7E-01	1.5E-10	3.8E-01	1.7E-07	1.0E-03	6.8E-11	1.6E-01	6.7E-01	7.1E-12

Risk From Modernization AC - Mitigated Residential

Franklin School Project
Risk From Modernization AC - Mitigated Residential

	0.24	Max					Onsite		
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
1	0.00	1.5E-09	2.3E-01	1.5E-04	1.0E-03	3.6E-08	1.6E-01	2.7E-01	1.5E-09
2	0.00	1.7E-09	2.5E-01	1.5E-04	1.0E-03	3.9E-08	1.6E-01	2.7E-01	1.7E-09
3	0.00	1.9E-09	2.7E-01	1.5E-04	1.0E-03	4.3E-08	1.6E-01	2.7E-01	1.9E-09
4	0.00	2.0E-09	3.0E-01	1.5E-04	1.0E-03	4.7E-08	1.6E-01	2.7E-01	2.0E-09
5	0.00	2.2E-09	3.2E-01	1.5E-04	1.0E-03	5.1E-08	1.6E-01	2.7E-01	2.2E-09
6	0.00	2.3E-09	3.5E-01	1.5E-04	1.0E-03	5.4E-08	1.6E-01	2.7E-01	2.3E-09
7	0.00	2.5E-09	3.7E-01	1.5E-04	1.0E-03	5.8E-08	1.6E-01	2.7E-01	2.5E-09
8	0.00	2.6E-09	3.9E-01	1.5E-04	1.0E-03	6.1E-08	1.6E-01	2.7E-01	2.6E-09
9	0.00	2.8E-09	4.1E-01	1.5E-04	1.0E-03	6.5E-08	1.6E-01	2.7E-01	2.8E-09
10	0.00	3.0E-09	4.4E-01	1.5E-04	1.0E-03	6.9E-08	1.6E-01	2.7E-01	3.0E-09
11	0.00	3.2E-09	4.7E-01	1.5E-04	1.0E-03	7.4E-08	1.6E-01	2.7E-01	3.2E-09
12	0.00	3.4E-09	5.0E-01	1.5E-04	1.0E-03	7.8E-08	1.6E-01	2.7E-01	3.4E-09
13	0.00	3.5E-09	5.2E-01	1.5E-04	1.0E-03	8.2E-08	1.6E-01	2.7E-01	3.5E-09
14	0.00	3.6E-09	5.4E-01	1.5E-04	1.0E-03	8.4E-08	1.6E-01	2.7E-01	3.6E-09
15	0.00	3.7E-09	5.4E-01	1.5E-04	1.0E-03	8.5E-08	1.6E-01	2.7E-01	3.7E-09
16	0.00	3.6E-09	5.3E-01	1.5E-04	1.0E-03	8.4E-08	1.6E-01	2.7E-01	3.6E-09
17	0.00	1.8E-09	2.6E-01	1.5E-04	1.0E-03	4.1E-08	1.6E-01	2.7E-01	1.8E-09
18	0.00	2.0E-09	2.9E-01	1.5E-04	1.0E-03	4.6E-08	1.6E-01	2.7E-01	2.0E-09
19	0.00	2.2E-09	3.2E-01	1.5E-04	1.0E-03	5.1E-08	1.6E-01	2.7E-01	2.2E-09
20	0.00	2.4E-09	3.6E-01	1.5E-04	1.0E-03	5.6E-08	1.6E-01	2.7E-01	2.4E-09
21	0.00	2.7E-09	3.9E-01	1.5E-04	1.0E-03	6.2E-08	1.6E-01	2.7E-01	2.7E-09
22	0.00	2.9E-09	4.3E-01	1.5E-04	1.0E-03	6.7E-08	1.6E-01	2.7E-01	2.9E-09
23	0.00	3.1E-09	4.6E-01	1.5E-04	1.0E-03	7.2E-08	1.6E-01	2.7E-01	3.1E-09
24	0.00	3.3E-09	4.9E-01	1.5E-04	1.0E-03	7.7E-08	1.6E-01	2.7E-01	3.3E-09
25	0.00	3.6E-09	5.3E-01	1.5E-04	1.0E-03	8.2E-08	1.6E-01	2.7E-01	3.6E-09
26	0.00	3.8E-09	5.7E-01	1.5E-04	1.0E-03	8.9E-08	1.6E-01	2.7E-01	3.8E-09
27	0.00	4.1E-09	6.1E-01	1.5E-04	1.0E-03	9.6E-08	1.6E-01	2.7E-01	4.1E-09
28	0.00	4.4E-09	6.5E-01	1.5E-04	1.0E-03	1.0E-07	1.6E-01	2.7E-01	4.4E-09
29	0.00	4.5E-09	6.7E-01	1.5E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-01	4.5E-09
30	0.00	4.6E-09	6.8E-01	1.5E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-01	4.6E-09
31	0.00	4.5E-09	6.7E-01	1.5E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-01	4.5E-09
32	0.00	4.4E-09	6.5E-01	1.5E-04	1.0E-03	1.0E-07	1.6E-01	2.7E-01	4.4E-09
33	0.00	2.0E-09	3.0E-01	1.5E-04	1.0E-03	4.7E-08	1.6E-01	2.7E-01	2.0E-09
34	0.00	2.3E-09	3.4E-01	1.5E-04	1.0E-03	5.3E-08	1.6E-01	2.7E-01	2.3E-09
35	0.00	2.6E-09	3.9E-01	1.5E-04	1.0E-03	6.1E-08	1.6E-01	2.7E-01	2.6E-09
36	0.00	3.0E-09	4.4E-01	1.5E-04	1.0E-03	6.9E-08	1.6E-01	2.7E-01	3.0E-09
37	0.00	3.3E-09	4.9E-01	1.5E-04	1.0E-03	7.7E-08	1.6E-01	2.7E-01	3.3E-09
38	0.00	3.6E-09	5.4E-01	1.5E-04	1.0E-03	8.4E-08	1.6E-01	2.7E-01	3.6E-09
39	0.00	4.0E-09	5.9E-01	1.5E-04	1.0E-03	9.2E-08	1.6E-01	2.7E-01	4.0E-09

40	0.00	4.3E-09	6.4E-01	1.5E-04	1.0E-03	1.0E-07	1.6E-01	2.7E-01	4.3E-09
41	0.00	4.7E-09	6.9E-01	1.5E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-01	4.7E-09
42	0.01	5.1E-09	7.6E-01	1.5E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-01	5.1E-09
43	0.01	5.5E-09	8.2E-01	1.5E-04	1.0E-03	1.3E-07	1.6E-01	2.7E-01	5.5E-09
44	0.01	5.8E-09	8.6E-01	1.5E-04	1.0E-03	1.3E-07	1.6E-01	2.7E-01	5.8E-09
45	0.01	5.9E-09	8.8E-01	1.5E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-01	5.9E-09
46	0.01	5.8E-09	8.6E-01	1.5E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-01	5.8E-09
47	0.01	5.6E-09	8.3E-01	1.5E-04	1.0E-03	1.3E-07	1.6E-01	2.7E-01	5.6E-09
48	0.01	5.2E-09	7.8E-01	1.5E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-01	5.2E-09
49	0.00	2.3E-09	3.4E-01	1.5E-04	1.0E-03	5.4E-08	1.6E-01	2.7E-01	2.3E-09
50	0.00	2.7E-09	4.0E-01	1.5E-04	1.0E-03	6.3E-08	1.6E-01	2.7E-01	2.7E-09
51	0.00	3.2E-09	4.7E-01	1.5E-04	1.0E-03	7.3E-08	1.6E-01	2.7E-01	3.2E-09
52	0.00	3.7E-09	5.4E-01	1.5E-04	1.0E-03	8.5E-08	1.6E-01	2.7E-01	3.7E-09
53	0.00	4.2E-09	6.2E-01	1.5E-04	1.0E-03	9.8E-08	1.6E-01	2.7E-01	4.2E-09
54	0.00	4.8E-09	7.1E-01	1.5E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-01	4.8E-09
55	0.01	5.3E-09	7.8E-01	1.5E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-01	5.3E-09
56	0.01	5.8E-09	8.6E-01	1.5E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-01	5.8E-09
57	0.01	6.5E-09	9.6E-01	1.5E-04	1.0E-03	1.5E-07	1.6E-01	2.7E-01	6.5E-09
58	0.01	7.2E-09	1.1E+00	1.5E-04	1.0E-03	1.7E-07	1.6E-01	2.7E-01	7.2E-09
59	0.01	7.7E-09	1.1E+00	1.5E-04	1.0E-03	1.8E-07	1.6E-01	2.7E-01	7.7E-09
60	0.01	7.9E-09	1.2E+00	1.5E-04	1.0E-03	1.8E-07	1.6E-01	2.7E-01	7.9E-09
61	0.01	7.8E-09	1.2E+00	1.5E-04	1.0E-03	1.8E-07	1.6E-01	2.7E-01	7.8E-09
62	0.01	7.4E-09	1.1E+00	1.5E-04	1.0E-03	1.7E-07	1.6E-01	2.7E-01	7.4E-09
63	0.01	6.8E-09	1.0E+00	1.5E-04	1.0E-03	1.6E-07	1.6E-01	2.7E-01	6.8E-09
64	0.01	6.2E-09	9.2E-01	1.5E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-01	6.2E-09
65	0.00	2.7E-09	4.0E-01	1.5E-04	1.0E-03	6.2E-08	1.6E-01	2.7E-01	2.7E-09
66	0.00	3.2E-09	4.7E-01	1.5E-04	1.0E-03	7.4E-08	1.6E-01	2.7E-01	3.2E-09
67	0.00	3.9E-09	5.7E-01	1.5E-04	1.0E-03	9.0E-08	1.6E-01	2.7E-01	3.9E-09
68	0.00	4.7E-09	6.9E-01	1.5E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-01	4.7E-09
69	0.01	5.6E-09	8.3E-01	1.5E-04	1.0E-03	1.3E-07	1.6E-01	2.7E-01	5.6E-09
70	0.01	6.5E-09	9.7E-01	1.5E-04	1.0E-03	1.5E-07	1.6E-01	2.7E-01	6.5E-09
71	0.01	7.5E-09	1.1E+00	1.5E-04	1.0E-03	1.7E-07	1.6E-01	2.7E-01	7.5E-09
72	0.01	8.5E-09	1.3E+00	1.5E-04	1.0E-03	2.0E-07	1.6E-01	2.7E-01	8.5E-09
73	0.01	9.7E-09	1.4E+00	1.5E-04	1.0E-03	2.2E-07	1.6E-01	2.7E-01	9.7E-09
74	0.01	1.1E-08	1.6E+00	1.5E-04	1.0E-03	2.5E-07	1.6E-01	2.7E-01	1.1E-08
75	0.01	1.1E-08	1.7E+00	1.5E-04	1.0E-03	2.6E-07	1.6E-01	2.7E-01	1.1E-08
76	0.01	1.1E-08	1.6E+00	1.5E-04	1.0E-03	2.6E-07	1.6E-01	2.7E-01	1.1E-08
77	0.01	1.0E-08	1.5E+00	1.5E-04	1.0E-03	2.4E-07	1.6E-01	2.7E-01	1.0E-08
78	0.01	9.3E-09	1.4E+00	1.5E-04	1.0E-03	2.2E-07	1.6E-01	2.7E-01	9.3E-09
79	0.01	8.2E-09	1.2E+00	1.5E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-01	8.2E-09
80	0.01	7.1E-09	1.1E+00	1.5E-04	1.0E-03	1.6E-07	1.6E-01	2.7E-01	7.1E-09
81	0.00	3.1E-09	4.5E-01	1.5E-04	1.0E-03	7.1E-08	1.6E-01	2.7E-01	3.1E-09
82	0.00	3.8E-09	5.6E-01	1.5E-04	1.0E-03	8.8E-08	1.6E-01	2.7E-01	3.8E-09
83	0.00	4.8E-09	7.0E-01	1.5E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-01	4.8E-09
84	0.01	6.0E-09	8.9E-01	1.5E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-01	6.0E-09
85	0.01	7.7E-09	1.1E+00	1.5E-04	1.0E-03	1.8E-07	1.6E-01	2.7E-01	7.7E-09

86	0.01	9.5E-09	1.4E+00	1.5E-04	1.0E-03	2.2E-07	1.6E-01	2.7E-01	9.5E-09
87	0.01	1.1E-08	1.7E+00	1.5E-04	1.0E-03	2.7E-07	1.6E-01	2.7E-01	1.1E-08
88	0.01	1.4E-08	2.0E+00	1.5E-04	1.0E-03	3.1E-07	1.6E-01	2.7E-01	1.4E-08
89	0.02	1.6E-08	2.3E+00	1.5E-04	1.0E-03	3.7E-07	1.6E-01	2.7E-01	1.6E-08
90	0.02	1.7E-08	2.5E+00	1.5E-04	1.0E-03	4.0E-07	1.6E-01	2.7E-01	1.7E-08
91	0.02	1.7E-08	2.5E+00	1.5E-04	1.0E-03	3.9E-07	1.6E-01	2.7E-01	1.7E-08
92	0.02	1.5E-08	2.2E+00	1.5E-04	1.0E-03	3.5E-07	1.6E-01	2.7E-01	1.5E-08
93	0.01	1.3E-08	2.0E+00	1.5E-04	1.0E-03	3.1E-07	1.6E-01	2.7E-01	1.3E-08
94	0.01	1.1E-08	1.7E+00	1.5E-04	1.0E-03	2.6E-07	1.6E-01	2.7E-01	1.1E-08
95	0.01	9.4E-09	1.4E+00	1.5E-04	1.0E-03	2.2E-07	1.6E-01	2.7E-01	9.4E-09
96	0.01	7.8E-09	1.2E+00	1.5E-04	1.0E-03	1.8E-07	1.6E-01	2.7E-01	7.8E-09
97	0.00	3.4E-09	5.1E-01	1.5E-04	1.0E-03	8.0E-08	1.6E-01	2.7E-01	3.4E-09
98	0.00	4.4E-09	6.5E-01	1.5E-04	1.0E-03	1.0E-07	1.6E-01	2.7E-01	4.4E-09
99	0.01	5.8E-09	8.6E-01	1.5E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-01	5.8E-09
100	0.01	7.9E-09	1.2E+00	1.5E-04	1.0E-03	1.8E-07	1.6E-01	2.7E-01	7.9E-09
101	0.01	1.1E-08	1.6E+00	1.5E-04	1.0E-03	2.5E-07	1.6E-01	2.7E-01	1.1E-08
102	0.02	1.5E-08	2.2E+00	1.5E-04	1.0E-03	3.5E-07	1.6E-01	2.7E-01	1.5E-08
103	0.02	2.0E-08	3.0E+00	1.5E-04	1.0E-03	4.7E-07	1.6E-01	2.7E-01	2.0E-08
104	0.03	2.5E-08	3.8E+00	1.5E-04	1.0E-03	5.9E-07	1.6E-01	2.7E-01	2.5E-08
105	0.03	2.9E-08	4.4E+00	1.5E-04	1.0E-03	6.8E-07	1.6E-01	2.7E-01	2.9E-08
106	0.03	2.8E-08	4.2E+00	1.5E-04	1.0E-03	6.6E-07	1.6E-01	2.7E-01	2.8E-08
107	0.02	2.4E-08	3.6E+00	1.5E-04	1.0E-03	5.7E-07	1.6E-01	2.7E-01	2.4E-08
108	0.02	2.0E-08	3.0E+00	1.5E-04	1.0E-03	4.7E-07	1.6E-01	2.7E-01	2.0E-08
109	0.02	1.6E-08	2.4E+00	1.5E-04	1.0E-03	3.7E-07	1.6E-01	2.7E-01	1.6E-08
110	0.01	1.3E-08	1.9E+00	1.5E-04	1.0E-03	3.0E-07	1.6E-01	2.7E-01	1.3E-08
111	0.01	1.0E-08	1.5E+00	1.5E-04	1.0E-03	2.4E-07	1.6E-01	2.7E-01	1.0E-08
112	0.01	8.2E-09	1.2E+00	1.5E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-01	8.2E-09
113	0.00	3.8E-09	5.6E-01	1.5E-04	1.0E-03	8.9E-08	1.6E-01	2.7E-01	3.8E-09
114	0.01	5.1E-09	7.5E-01	1.5E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-01	5.1E-09
115	0.01	7.0E-09	1.0E+00	1.5E-04	1.0E-03	1.6E-07	1.6E-01	2.7E-01	7.0E-09
116	0.01	1.0E-08	1.5E+00	1.5E-04	1.0E-03	2.4E-07	1.6E-01	2.7E-01	1.0E-08
117	0.02	1.6E-08	2.4E+00	1.5E-04	1.0E-03	3.7E-07	1.6E-01	2.7E-01	1.6E-08
118	0.05	4.6E-08	6.8E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.6E-08
119	0.03	3.4E-08	5.0E+00	1.5E-04	1.0E-03	7.8E-07	1.6E-01	2.7E-01	3.4E-08
120	0.02	2.4E-08	3.6E+00	1.5E-04	1.0E-03	5.7E-07	1.6E-01	2.7E-01	2.4E-08
121	0.02	1.8E-08	2.7E+00	1.5E-04	1.0E-03	4.2E-07	1.6E-01	2.7E-01	1.8E-08
122	0.01	1.4E-08	2.0E+00	1.5E-04	1.0E-03	3.2E-07	1.6E-01	2.7E-01	1.4E-08
123	0.01	1.0E-08	1.5E+00	1.5E-04	1.0E-03	2.4E-07	1.6E-01	2.7E-01	1.0E-08
124	0.01	8.2E-09	1.2E+00	1.5E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-01	8.2E-09
125	0.00	4.1E-09	6.1E-01	1.5E-04	1.0E-03	9.5E-08	1.6E-01	2.7E-01	4.1E-09
126	0.01	5.6E-09	8.2E-01	1.5E-04	1.0E-03	1.3E-07	1.6E-01	2.7E-01	5.6E-09
127	0.01	8.0E-09	1.2E+00	1.5E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-01	8.0E-09
128	0.01	1.3E-08	1.9E+00	1.5E-04	1.0E-03	2.9E-07	1.6E-01	2.7E-01	1.3E-08
129	0.02	2.2E-08	3.2E+00	1.5E-04	1.0E-03	5.1E-07	1.6E-01	2.7E-01	2.2E-08
130	0.07	6.5E-08	9.6E+00	1.5E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-01	6.5E-08
131	0.04	4.0E-08	5.9E+00	1.5E-04	1.0E-03	9.3E-07	1.6E-01	2.7E-01	4.0E-08

132	0.03	2.6E-08	3.9E+00	1.5E-04	1.0E-03	6.1E-07	1.6E-01	2.7E-01	2.6E-08
133	0.02	1.8E-08	2.7E+00	1.5E-04	1.0E-03	4.3E-07	1.6E-01	2.7E-01	1.8E-08
134	0.01	1.3E-08	2.0E+00	1.5E-04	1.0E-03	3.1E-07	1.6E-01	2.7E-01	1.3E-08
135	0.01	1.0E-08	1.5E+00	1.5E-04	1.0E-03	2.3E-07	1.6E-01	2.7E-01	1.0E-08
136	0.01	7.7E-09	1.1E+00	1.5E-04	1.0E-03	1.8E-07	1.6E-01	2.7E-01	7.7E-09
137	0.00	4.2E-09	6.3E-01	1.5E-04	1.0E-03	9.8E-08	1.6E-01	2.7E-01	4.2E-09
138	0.01	5.8E-09	8.6E-01	1.5E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-01	5.8E-09
139	0.01	8.5E-09	1.3E+00	1.5E-04	1.0E-03	2.0E-07	1.6E-01	2.7E-01	8.5E-09
140	0.01	1.4E-08	2.0E+00	1.5E-04	1.0E-03	3.2E-07	1.6E-01	2.7E-01	1.4E-08
141	0.03	2.5E-08	3.7E+00	1.5E-04	1.0E-03	5.8E-07	1.6E-01	2.7E-01	2.5E-08
142	0.07	7.0E-08	1.0E+01	1.5E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-01	7.0E-08
143	0.04	3.9E-08	5.8E+00	1.5E-04	1.0E-03	9.1E-07	1.6E-01	2.7E-01	3.9E-08
144	0.02	2.4E-08	3.6E+00	1.5E-04	1.0E-03	5.7E-07	1.6E-01	2.7E-01	2.4E-08
145	0.02	1.7E-08	2.5E+00	1.5E-04	1.0E-03	3.9E-07	1.6E-01	2.7E-01	1.7E-08
146	0.01	1.2E-08	1.8E+00	1.5E-04	1.0E-03	2.8E-07	1.6E-01	2.7E-01	1.2E-08
147	0.01	9.0E-09	1.3E+00	1.5E-04	1.0E-03	2.1E-07	1.6E-01	2.7E-01	9.0E-09
148	0.01	7.0E-09	1.0E+00	1.5E-04	1.0E-03	1.6E-07	1.6E-01	2.7E-01	7.0E-09
149	0.00	4.2E-09	6.2E-01	1.5E-04	1.0E-03	9.8E-08	1.6E-01	2.7E-01	4.2E-09
150	0.01	5.7E-09	8.4E-01	1.5E-04	1.0E-03	1.3E-07	1.6E-01	2.7E-01	5.7E-09
151	0.01	8.3E-09	1.2E+00	1.5E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-01	8.3E-09
152	0.01	1.3E-08	2.0E+00	1.5E-04	1.0E-03	3.1E-07	1.6E-01	2.7E-01	1.3E-08
153	0.02	2.4E-08	3.6E+00	1.5E-04	1.0E-03	5.6E-07	1.6E-01	2.7E-01	2.4E-08
154	0.06	6.3E-08	9.4E+00	1.5E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-01	6.3E-08
155	0.03	3.3E-08	4.9E+00	1.5E-04	1.0E-03	7.7E-07	1.6E-01	2.7E-01	3.3E-08
156	0.02	2.0E-08	3.0E+00	1.5E-04	1.0E-03	4.7E-07	1.6E-01	2.7E-01	2.0E-08
157	0.01	1.4E-08	2.1E+00	1.5E-04	1.0E-03	3.4E-07	1.6E-01	2.7E-01	1.4E-08
158	0.01	1.0E-08	1.5E+00	1.5E-04	1.0E-03	2.4E-07	1.6E-01	2.7E-01	1.0E-08
159	0.01	7.9E-09	1.2E+00	1.5E-04	1.0E-03	1.8E-07	1.6E-01	2.7E-01	7.9E-09
160	0.01	6.1E-09	9.1E-01	1.5E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-01	6.1E-09
161	0.00	4.0E-09	5.9E-01	1.5E-04	1.0E-03	9.2E-08	1.6E-01	2.7E-01	4.0E-09
162	0.01	5.3E-09	7.9E-01	1.5E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-01	5.3E-09
163	0.01	7.5E-09	1.1E+00	1.5E-04	1.0E-03	1.7E-07	1.6E-01	2.7E-01	7.5E-09
164	0.01	1.1E-08	1.7E+00	1.5E-04	1.0E-03	2.7E-07	1.6E-01	2.7E-01	1.1E-08
165	0.02	2.0E-08	3.0E+00	1.5E-04	1.0E-03	4.6E-07	1.6E-01	2.7E-01	2.0E-08
166	0.04	4.1E-08	6.1E+00	1.5E-04	1.0E-03	9.5E-07	1.6E-01	2.7E-01	4.1E-08
167	0.10	1.0E-07	1.5E+01	1.5E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-01	1.0E-07
168	0.16	1.6E-07	2.3E+01	1.5E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-01	1.6E-07
169	0.08	8.3E-08	1.2E+01	1.5E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-01	8.3E-08
170	0.04	4.3E-08	6.4E+00	1.5E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-01	4.3E-08
171	0.03	2.6E-08	3.8E+00	1.5E-04	1.0E-03	6.0E-07	1.6E-01	2.7E-01	2.6E-08
172	0.02	1.6E-08	2.3E+00	1.5E-04	1.0E-03	3.7E-07	1.6E-01	2.7E-01	1.6E-08
173	0.01	1.1E-08	1.7E+00	1.5E-04	1.0E-03	2.6E-07	1.6E-01	2.7E-01	1.1E-08
174	0.01	8.8E-09	1.3E+00	1.5E-04	1.0E-03	2.0E-07	1.6E-01	2.7E-01	8.8E-09
175	0.01	6.8E-09	1.0E+00	1.5E-04	1.0E-03	1.6E-07	1.6E-01	2.7E-01	6.8E-09
176	0.01	5.3E-09	7.9E-01	1.5E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-01	5.3E-09
177	0.00	3.7E-09	5.4E-01	1.5E-04	1.0E-03	8.5E-08	1.6E-01	2.7E-01	3.7E-09

178	0.00	4.8E-09	7.1E-01	1.5E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-01	4.8E-09
179	0.01	6.5E-09	9.6E-01	1.5E-04	1.0E-03	1.5E-07	1.6E-01	2.7E-01	6.5E-09
180	0.01	9.4E-09	1.4E+00	1.5E-04	1.0E-03	2.2E-07	1.6E-01	2.7E-01	9.4E-09
181	0.01	1.5E-08	2.2E+00	1.5E-04	1.0E-03	3.4E-07	1.6E-01	2.7E-01	1.5E-08
182	0.02	2.5E-08	3.7E+00	1.5E-04	1.0E-03	5.7E-07	1.6E-01	2.7E-01	2.5E-08
183	0.04	4.0E-08	6.0E+00	1.5E-04	1.0E-03	9.4E-07	1.6E-01	2.7E-01	4.0E-08
184	0.05	5.1E-08	7.5E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.1E-08
185	0.04	4.2E-08	6.3E+00	1.5E-04	1.0E-03	9.8E-07	1.6E-01	2.7E-01	4.2E-08
186	0.03	2.9E-08	4.2E+00	1.5E-04	1.0E-03	6.6E-07	1.6E-01	2.7E-01	2.9E-08
187	0.02	1.9E-08	2.9E+00	1.5E-04	1.0E-03	4.5E-07	1.6E-01	2.7E-01	1.9E-08
188	0.01	1.4E-08	2.0E+00	1.5E-04	1.0E-03	3.1E-07	1.6E-01	2.7E-01	1.4E-08
189	0.01	9.3E-09	1.4E+00	1.5E-04	1.0E-03	2.2E-07	1.6E-01	2.7E-01	9.3E-09
190	0.01	7.4E-09	1.1E+00	1.5E-04	1.0E-03	1.7E-07	1.6E-01	2.7E-01	7.4E-09
191	0.01	5.9E-09	8.7E-01	1.5E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-01	5.9E-09
192	0.00	4.7E-09	7.0E-01	1.5E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-01	4.7E-09
193	0.00	3.3E-09	4.9E-01	1.5E-04	1.0E-03	7.7E-08	1.6E-01	2.7E-01	3.3E-09
194	0.00	4.2E-09	6.2E-01	1.5E-04	1.0E-03	9.8E-08	1.6E-01	2.7E-01	4.2E-09
195	0.01	5.5E-09	8.2E-01	1.5E-04	1.0E-03	1.3E-07	1.6E-01	2.7E-01	5.5E-09
196	0.01	7.6E-09	1.1E+00	1.5E-04	1.0E-03	1.8E-07	1.6E-01	2.7E-01	7.6E-09
197	0.01	1.1E-08	1.6E+00	1.5E-04	1.0E-03	2.5E-07	1.6E-01	2.7E-01	1.1E-08
198	0.02	1.6E-08	2.3E+00	1.5E-04	1.0E-03	3.6E-07	1.6E-01	2.7E-01	1.6E-08
199	0.02	2.2E-08	3.2E+00	1.5E-04	1.0E-03	5.0E-07	1.6E-01	2.7E-01	2.2E-08
200	0.03	2.5E-08	3.8E+00	1.5E-04	1.0E-03	5.9E-07	1.6E-01	2.7E-01	2.5E-08
201	0.02	2.4E-08	3.6E+00	1.5E-04	1.0E-03	5.6E-07	1.6E-01	2.7E-01	2.4E-08
202	0.02	1.9E-08	2.8E+00	1.5E-04	1.0E-03	4.5E-07	1.6E-01	2.7E-01	1.9E-08
203	0.01	1.4E-08	2.1E+00	1.5E-04	1.0E-03	3.2E-07	1.6E-01	2.7E-01	1.4E-08
204	0.01	1.1E-08	1.6E+00	1.5E-04	1.0E-03	2.5E-07	1.6E-01	2.7E-01	1.1E-08
205	0.01	8.1E-09	1.2E+00	1.5E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-01	8.1E-09
206	0.01	6.1E-09	9.0E-01	1.5E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-01	6.1E-09
207	0.01	5.2E-09	7.7E-01	1.5E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-01	5.2E-09
208	0.00	4.3E-09	6.3E-01	1.5E-04	1.0E-03	9.9E-08	1.6E-01	2.7E-01	4.3E-09
209	0.00	2.9E-09	4.4E-01	1.5E-04	1.0E-03	6.9E-08	1.6E-01	2.7E-01	2.9E-09
210	0.00	3.7E-09	5.4E-01	1.5E-04	1.0E-03	8.5E-08	1.6E-01	2.7E-01	3.7E-09
211	0.00	4.6E-09	6.9E-01	1.5E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-01	4.6E-09
212	0.01	6.1E-09	9.0E-01	1.5E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-01	6.1E-09
213	0.01	8.1E-09	1.2E+00	1.5E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-01	8.1E-09
214	0.01	1.1E-08	1.6E+00	1.5E-04	1.0E-03	2.5E-07	1.6E-01	2.7E-01	1.1E-08
215	0.01	1.4E-08	2.0E+00	1.5E-04	1.0E-03	3.1E-07	1.6E-01	2.7E-01	1.4E-08
216	0.02	1.5E-08	2.3E+00	1.5E-04	1.0E-03	3.5E-07	1.6E-01	2.7E-01	1.5E-08
217	0.02	1.5E-08	2.3E+00	1.5E-04	1.0E-03	3.5E-07	1.6E-01	2.7E-01	1.5E-08
218	0.01	1.3E-08	2.0E+00	1.5E-04	1.0E-03	3.1E-07	1.6E-01	2.7E-01	1.3E-08
219	0.01	1.1E-08	1.7E+00	1.5E-04	1.0E-03	2.6E-07	1.6E-01	2.7E-01	1.1E-08
220	0.01	9.2E-09	1.4E+00	1.5E-04	1.0E-03	2.1E-07	1.6E-01	2.7E-01	9.2E-09
221	0.01	7.3E-09	1.1E+00	1.5E-04	1.0E-03	1.7E-07	1.6E-01	2.7E-01	7.3E-09
222	0.01	5.4E-09	8.0E-01	1.5E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-01	5.4E-09
223	0.00	4.4E-09	6.5E-01	1.5E-04	1.0E-03	1.0E-07	1.6E-01	2.7E-01	4.4E-09

224	0.00	3.9E-09	5.7E-01	1.5E-04	1.0E-03	9.0E-08	1.6E-01	2.7E-01	3.9E-09
225	0.00	2.6E-09	3.9E-01	1.5E-04	1.0E-03	6.1E-08	1.6E-01	2.7E-01	2.6E-09
226	0.00	3.2E-09	4.7E-01	1.5E-04	1.0E-03	7.4E-08	1.6E-01	2.7E-01	3.2E-09
227	0.00	3.9E-09	5.8E-01	1.5E-04	1.0E-03	9.1E-08	1.6E-01	2.7E-01	3.9E-09
228	0.00	4.9E-09	7.3E-01	1.5E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-01	4.9E-09
229	0.01	6.2E-09	9.2E-01	1.5E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-01	6.2E-09
230	0.01	7.8E-09	1.2E+00	1.5E-04	1.0E-03	1.8E-07	1.6E-01	2.7E-01	7.8E-09
231	0.01	9.3E-09	1.4E+00	1.5E-04	1.0E-03	2.2E-07	1.6E-01	2.7E-01	9.3E-09
232	0.01	1.0E-08	1.5E+00	1.5E-04	1.0E-03	2.4E-07	1.6E-01	2.7E-01	1.0E-08
233	0.01	1.1E-08	1.6E+00	1.5E-04	1.0E-03	2.5E-07	1.6E-01	2.7E-01	1.1E-08
234	0.01	9.9E-09	1.5E+00	1.5E-04	1.0E-03	2.3E-07	1.6E-01	2.7E-01	9.9E-09
235	0.01	8.8E-09	1.3E+00	1.5E-04	1.0E-03	2.0E-07	1.6E-01	2.7E-01	8.8E-09
236	0.01	7.5E-09	1.1E+00	1.5E-04	1.0E-03	1.7E-07	1.6E-01	2.7E-01	7.5E-09
237	0.01	6.2E-09	9.2E-01	1.5E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-01	6.2E-09
238	0.01	5.1E-09	7.6E-01	1.5E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-01	5.1E-09
239	0.00	3.9E-09	5.8E-01	1.5E-04	1.0E-03	9.1E-08	1.6E-01	2.7E-01	3.9E-09
240	0.00	3.3E-09	4.9E-01	1.5E-04	1.0E-03	7.6E-08	1.6E-01	2.7E-01	3.3E-09
241	0.00	2.3E-09	3.4E-01	1.5E-04	1.0E-03	5.3E-08	1.6E-01	2.7E-01	2.3E-09
242	0.00	2.7E-09	4.0E-01	1.5E-04	1.0E-03	6.3E-08	1.6E-01	2.7E-01	2.7E-09
243	0.00	3.3E-09	4.9E-01	1.5E-04	1.0E-03	7.6E-08	1.6E-01	2.7E-01	3.3E-09
244	0.00	4.0E-09	5.9E-01	1.5E-04	1.0E-03	9.3E-08	1.6E-01	2.7E-01	4.0E-09
245	0.00	4.9E-09	7.2E-01	1.5E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-01	4.9E-09
246	0.01	5.9E-09	8.7E-01	1.5E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-01	5.9E-09
247	0.01	6.8E-09	1.0E+00	1.5E-04	1.0E-03	1.6E-07	1.6E-01	2.7E-01	6.8E-09
248	0.01	7.5E-09	1.1E+00	1.5E-04	1.0E-03	1.7E-07	1.6E-01	2.7E-01	7.5E-09
249	0.01	7.7E-09	1.1E+00	1.5E-04	1.0E-03	1.8E-07	1.6E-01	2.7E-01	7.7E-09
250	0.01	7.5E-09	1.1E+00	1.5E-04	1.0E-03	1.7E-07	1.6E-01	2.7E-01	7.5E-09
251	0.01	6.9E-09	1.0E+00	1.5E-04	1.0E-03	1.6E-07	1.6E-01	2.7E-01	6.9E-09
252	0.01	6.1E-09	9.0E-01	1.5E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-01	6.1E-09
253	0.01	5.3E-09	7.8E-01	1.5E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-01	5.3E-09
254	0.00	4.5E-09	6.7E-01	1.5E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-01	4.5E-09
255	0.00	3.8E-09	5.6E-01	1.5E-04	1.0E-03	8.7E-08	1.6E-01	2.7E-01	3.8E-09
256	0.00	3.0E-09	4.4E-01	1.5E-04	1.0E-03	6.9E-08	1.6E-01	2.7E-01	3.0E-09
257	0.00	2.0E-09	3.0E-01	1.5E-04	1.0E-03	4.7E-08	1.6E-01	2.7E-01	2.0E-09
258	0.00	2.4E-09	3.5E-01	1.5E-04	1.0E-03	5.5E-08	1.6E-01	2.7E-01	2.4E-09
259	0.00	2.8E-09	4.1E-01	1.5E-04	1.0E-03	6.5E-08	1.6E-01	2.7E-01	2.8E-09
260	0.00	3.3E-09	4.9E-01	1.5E-04	1.0E-03	7.7E-08	1.6E-01	2.7E-01	3.3E-09
261	0.00	4.0E-09	5.8E-01	1.5E-04	1.0E-03	9.2E-08	1.6E-01	2.7E-01	4.0E-09
262	0.00	4.6E-09	6.8E-01	1.5E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-01	4.6E-09
263	0.01	5.2E-09	7.7E-01	1.5E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-01	5.2E-09
264	0.01	5.7E-09	8.4E-01	1.5E-04	1.0E-03	1.3E-07	1.6E-01	2.7E-01	5.7E-09
265	0.01	5.9E-09	8.7E-01	1.5E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-01	5.9E-09
266	0.01	5.8E-09	8.6E-01	1.5E-04	1.0E-03	1.3E-07	1.6E-01	2.7E-01	5.8E-09
267	0.01	5.5E-09	8.1E-01	1.5E-04	1.0E-03	1.3E-07	1.6E-01	2.7E-01	5.5E-09
268	0.01	5.0E-09	7.4E-01	1.5E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-01	5.0E-09
269	0.00	4.5E-09	6.6E-01	1.5E-04	1.0E-03	1.0E-07	1.6E-01	2.7E-01	4.5E-09

270	0.00	3.9E-09	5.8E-01	1.5E-04	1.0E-03	9.1E-08	1.6E-01	2.7E-01	3.9E-09
271	0.00	3.4E-09	5.0E-01	1.5E-04	1.0E-03	7.9E-08	1.6E-01	2.7E-01	3.4E-09
272	0.00	2.8E-09	4.1E-01	1.5E-04	1.0E-03	6.4E-08	1.6E-01	2.7E-01	2.8E-09
273	0.02	1.5E-08	2.2E+00	1.5E-04	1.0E-03	3.5E-07	1.6E-01	2.7E-01	1.5E-08
274	0.02	1.6E-08	2.4E+00	1.5E-04	1.0E-03	3.7E-07	1.6E-01	2.7E-01	1.6E-08
275	0.02	1.7E-08	2.5E+00	1.5E-04	1.0E-03	4.0E-07	1.6E-01	2.7E-01	1.7E-08
276	0.02	1.8E-08	2.7E+00	1.5E-04	1.0E-03	4.2E-07	1.6E-01	2.7E-01	1.8E-08
277	0.02	1.9E-08	2.8E+00	1.5E-04	1.0E-03	4.4E-07	1.6E-01	2.7E-01	1.9E-08
278	0.02	2.0E-08	3.0E+00	1.5E-04	1.0E-03	4.7E-07	1.6E-01	2.7E-01	2.0E-08
279	0.02	2.1E-08	3.1E+00	1.5E-04	1.0E-03	4.9E-07	1.6E-01	2.7E-01	2.1E-08
280	0.02	2.2E-08	3.3E+00	1.5E-04	1.0E-03	5.1E-07	1.6E-01	2.7E-01	2.2E-08
281	0.02	2.3E-08	3.4E+00	1.5E-04	1.0E-03	5.4E-07	1.6E-01	2.7E-01	2.3E-08
282	0.02	2.4E-08	3.6E+00	1.5E-04	1.0E-03	5.6E-07	1.6E-01	2.7E-01	2.4E-08
283	0.03	2.5E-08	3.8E+00	1.5E-04	1.0E-03	5.9E-07	1.6E-01	2.7E-01	2.5E-08
284	0.03	2.6E-08	3.9E+00	1.5E-04	1.0E-03	6.2E-07	1.6E-01	2.7E-01	2.6E-08
285	0.03	2.7E-08	4.1E+00	1.5E-04	1.0E-03	6.4E-07	1.6E-01	2.7E-01	2.7E-08
286	0.03	2.8E-08	4.2E+00	1.5E-04	1.0E-03	6.6E-07	1.6E-01	2.7E-01	2.8E-08
287	0.03	2.9E-08	4.3E+00	1.5E-04	1.0E-03	6.7E-07	1.6E-01	2.7E-01	2.9E-08
288	0.03	2.9E-08	4.4E+00	1.5E-04	1.0E-03	6.8E-07	1.6E-01	2.7E-01	2.9E-08
289	0.03	3.0E-08	4.4E+00	1.5E-04	1.0E-03	6.9E-07	1.6E-01	2.7E-01	3.0E-08
290	0.03	3.0E-08	4.4E+00	1.5E-04	1.0E-03	6.9E-07	1.6E-01	2.7E-01	3.0E-08
291	0.03	2.9E-08	4.3E+00	1.5E-04	1.0E-03	6.8E-07	1.6E-01	2.7E-01	2.9E-08
292	0.03	2.9E-08	4.3E+00	1.5E-04	1.0E-03	6.7E-07	1.6E-01	2.7E-01	2.9E-08
293	0.03	2.8E-08	4.2E+00	1.5E-04	1.0E-03	6.6E-07	1.6E-01	2.7E-01	2.8E-08
294	0.03	2.8E-08	4.1E+00	1.5E-04	1.0E-03	6.4E-07	1.6E-01	2.7E-01	2.8E-08
295	0.03	2.7E-08	4.0E+00	1.5E-04	1.0E-03	6.2E-07	1.6E-01	2.7E-01	2.7E-08
296	0.03	2.6E-08	3.9E+00	1.5E-04	1.0E-03	6.1E-07	1.6E-01	2.7E-01	2.6E-08
297	0.03	2.5E-08	3.7E+00	1.5E-04	1.0E-03	5.9E-07	1.6E-01	2.7E-01	2.5E-08
298	0.02	2.4E-08	3.6E+00	1.5E-04	1.0E-03	5.7E-07	1.6E-01	2.7E-01	2.4E-08
299	0.02	1.7E-08	2.5E+00	1.5E-04	1.0E-03	3.9E-07	1.6E-01	2.7E-01	1.7E-08
300	0.02	1.8E-08	2.7E+00	1.5E-04	1.0E-03	4.2E-07	1.6E-01	2.7E-01	1.8E-08
301	0.02	1.9E-08	2.8E+00	1.5E-04	1.0E-03	4.4E-07	1.6E-01	2.7E-01	1.9E-08
302	0.02	2.0E-08	3.0E+00	1.5E-04	1.0E-03	4.7E-07	1.6E-01	2.7E-01	2.0E-08
303	0.02	2.2E-08	3.2E+00	1.5E-04	1.0E-03	5.0E-07	1.6E-01	2.7E-01	2.2E-08
304	0.02	2.3E-08	3.4E+00	1.5E-04	1.0E-03	5.3E-07	1.6E-01	2.7E-01	2.3E-08
305	0.02	2.4E-08	3.6E+00	1.5E-04	1.0E-03	5.6E-07	1.6E-01	2.7E-01	2.4E-08
306	0.03	2.5E-08	3.8E+00	1.5E-04	1.0E-03	5.9E-07	1.6E-01	2.7E-01	2.5E-08
307	0.03	2.7E-08	4.0E+00	1.5E-04	1.0E-03	6.2E-07	1.6E-01	2.7E-01	2.7E-08
308	0.03	2.8E-08	4.2E+00	1.5E-04	1.0E-03	6.6E-07	1.6E-01	2.7E-01	2.8E-08
309	0.03	3.0E-08	4.4E+00	1.5E-04	1.0E-03	6.9E-07	1.6E-01	2.7E-01	3.0E-08
310	0.03	3.1E-08	4.6E+00	1.5E-04	1.0E-03	7.2E-07	1.6E-01	2.7E-01	3.1E-08
311	0.03	3.2E-08	4.8E+00	1.5E-04	1.0E-03	7.5E-07	1.6E-01	2.7E-01	3.2E-08
312	0.03	3.3E-08	4.9E+00	1.5E-04	1.0E-03	7.7E-07	1.6E-01	2.7E-01	3.3E-08
313	0.03	3.4E-08	5.0E+00	1.5E-04	1.0E-03	7.8E-07	1.6E-01	2.7E-01	3.4E-08
314	0.03	3.4E-08	5.0E+00	1.5E-04	1.0E-03	7.9E-07	1.6E-01	2.7E-01	3.4E-08
315	0.03	3.4E-08	5.0E+00	1.5E-04	1.0E-03	7.9E-07	1.6E-01	2.7E-01	3.4E-08

316	0.03	3.4E-08	5.0E+00	1.5E-04	1.0E-03	7.8E-07	1.6E-01	2.7E-01	3.4E-08
317	0.03	3.3E-08	4.9E+00	1.5E-04	1.0E-03	7.7E-07	1.6E-01	2.7E-01	3.3E-08
318	0.03	3.2E-08	4.8E+00	1.5E-04	1.0E-03	7.5E-07	1.6E-01	2.7E-01	3.2E-08
319	0.03	3.1E-08	4.6E+00	1.5E-04	1.0E-03	7.3E-07	1.6E-01	2.7E-01	3.1E-08
320	0.03	3.0E-08	4.5E+00	1.5E-04	1.0E-03	7.1E-07	1.6E-01	2.7E-01	3.0E-08
321	0.03	2.9E-08	4.4E+00	1.5E-04	1.0E-03	6.8E-07	1.6E-01	2.7E-01	2.9E-08
322	0.03	2.8E-08	4.2E+00	1.5E-04	1.0E-03	6.6E-07	1.6E-01	2.7E-01	2.8E-08
323	0.03	2.7E-08	4.0E+00	1.5E-04	1.0E-03	6.3E-07	1.6E-01	2.7E-01	2.7E-08
324	0.03	2.6E-08	3.9E+00	1.5E-04	1.0E-03	6.1E-07	1.6E-01	2.7E-01	2.6E-08
325	0.02	1.9E-08	2.8E+00	1.5E-04	1.0E-03	4.4E-07	1.6E-01	2.7E-01	1.9E-08
326	0.02	2.0E-08	3.0E+00	1.5E-04	1.0E-03	4.7E-07	1.6E-01	2.7E-01	2.0E-08
327	0.02	2.2E-08	3.2E+00	1.5E-04	1.0E-03	5.0E-07	1.6E-01	2.7E-01	2.2E-08
328	0.02	2.3E-08	3.4E+00	1.5E-04	1.0E-03	5.4E-07	1.6E-01	2.7E-01	2.3E-08
329	0.02	2.5E-08	3.7E+00	1.5E-04	1.0E-03	5.8E-07	1.6E-01	2.7E-01	2.5E-08
330	0.03	2.7E-08	3.9E+00	1.5E-04	1.0E-03	6.2E-07	1.6E-01	2.7E-01	2.7E-08
331	0.03	2.8E-08	4.2E+00	1.5E-04	1.0E-03	6.5E-07	1.6E-01	2.7E-01	2.8E-08
332	0.03	3.0E-08	4.4E+00	1.5E-04	1.0E-03	6.9E-07	1.6E-01	2.7E-01	3.0E-08
333	0.03	3.2E-08	4.7E+00	1.5E-04	1.0E-03	7.3E-07	1.6E-01	2.7E-01	3.2E-08
334	0.03	3.3E-08	4.9E+00	1.5E-04	1.0E-03	7.7E-07	1.6E-01	2.7E-01	3.3E-08
335	0.04	3.5E-08	5.2E+00	1.5E-04	1.0E-03	8.1E-07	1.6E-01	2.7E-01	3.5E-08
336	0.04	3.7E-08	5.4E+00	1.5E-04	1.0E-03	8.5E-07	1.6E-01	2.7E-01	3.7E-08
337	0.04	3.8E-08	5.6E+00	1.5E-04	1.0E-03	8.8E-07	1.6E-01	2.7E-01	3.8E-08
338	0.04	3.9E-08	5.7E+00	1.5E-04	1.0E-03	9.0E-07	1.6E-01	2.7E-01	3.9E-08
339	0.04	3.9E-08	5.8E+00	1.5E-04	1.0E-03	9.1E-07	1.6E-01	2.7E-01	3.9E-08
340	0.04	3.9E-08	5.8E+00	1.5E-04	1.0E-03	9.1E-07	1.6E-01	2.7E-01	3.9E-08
341	0.04	3.9E-08	5.7E+00	1.5E-04	1.0E-03	9.0E-07	1.6E-01	2.7E-01	3.9E-08
342	0.04	3.8E-08	5.6E+00	1.5E-04	1.0E-03	8.9E-07	1.6E-01	2.7E-01	3.8E-08
343	0.04	3.7E-08	5.5E+00	1.5E-04	1.0E-03	8.6E-07	1.6E-01	2.7E-01	3.7E-08
344	0.04	3.6E-08	5.3E+00	1.5E-04	1.0E-03	8.4E-07	1.6E-01	2.7E-01	3.6E-08
345	0.03	3.5E-08	5.1E+00	1.5E-04	1.0E-03	8.1E-07	1.6E-01	2.7E-01	3.5E-08
346	0.03	3.3E-08	4.9E+00	1.5E-04	1.0E-03	7.8E-07	1.6E-01	2.7E-01	3.3E-08
347	0.03	3.2E-08	4.8E+00	1.5E-04	1.0E-03	7.5E-07	1.6E-01	2.7E-01	3.2E-08
348	0.03	3.1E-08	4.6E+00	1.5E-04	1.0E-03	7.1E-07	1.6E-01	2.7E-01	3.1E-08
349	0.03	2.9E-08	4.4E+00	1.5E-04	1.0E-03	6.8E-07	1.6E-01	2.7E-01	2.9E-08
350	0.03	2.8E-08	4.2E+00	1.5E-04	1.0E-03	6.5E-07	1.6E-01	2.7E-01	2.8E-08
351	0.02	2.1E-08	3.1E+00	1.5E-04	1.0E-03	4.9E-07	1.6E-01	2.7E-01	2.1E-08
352	0.02	2.3E-08	3.4E+00	1.5E-04	1.0E-03	5.3E-07	1.6E-01	2.7E-01	2.3E-08
353	0.02	2.5E-08	3.7E+00	1.5E-04	1.0E-03	5.8E-07	1.6E-01	2.7E-01	2.5E-08
354	0.03	2.7E-08	4.0E+00	1.5E-04	1.0E-03	6.3E-07	1.6E-01	2.7E-01	2.7E-08
355	0.03	2.9E-08	4.3E+00	1.5E-04	1.0E-03	6.7E-07	1.6E-01	2.7E-01	2.9E-08
356	0.03	3.1E-08	4.6E+00	1.5E-04	1.0E-03	7.2E-07	1.6E-01	2.7E-01	3.1E-08
357	0.03	3.3E-08	4.9E+00	1.5E-04	1.0E-03	7.7E-07	1.6E-01	2.7E-01	3.3E-08
358	0.04	3.5E-08	5.2E+00	1.5E-04	1.0E-03	8.2E-07	1.6E-01	2.7E-01	3.5E-08
359	0.04	3.8E-08	5.6E+00	1.5E-04	1.0E-03	8.8E-07	1.6E-01	2.7E-01	3.8E-08
360	0.04	4.0E-08	5.9E+00	1.5E-04	1.0E-03	9.3E-07	1.6E-01	2.7E-01	4.0E-08
361	0.04	4.2E-08	6.2E+00	1.5E-04	1.0E-03	9.8E-07	1.6E-01	2.7E-01	4.2E-08

362	0.04	4.4E-08	6.5E+00	1.5E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-01	4.4E-08
363	0.05	4.5E-08	6.7E+00	1.5E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-01	4.5E-08
364	0.05	4.6E-08	6.8E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.6E-08
365	0.05	4.6E-08	6.8E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.6E-08
366	0.05	4.5E-08	6.7E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.5E-08
367	0.04	4.5E-08	6.6E+00	1.5E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-01	4.5E-08
368	0.04	4.3E-08	6.4E+00	1.5E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-01	4.3E-08
369	0.04	4.2E-08	6.2E+00	1.5E-04	1.0E-03	9.7E-07	1.6E-01	2.7E-01	4.2E-08
370	0.04	4.0E-08	5.9E+00	1.5E-04	1.0E-03	9.3E-07	1.6E-01	2.7E-01	4.0E-08
371	0.04	3.8E-08	5.7E+00	1.5E-04	1.0E-03	8.9E-07	1.6E-01	2.7E-01	3.8E-08
372	0.04	3.7E-08	5.4E+00	1.5E-04	1.0E-03	8.5E-07	1.6E-01	2.7E-01	3.7E-08
373	0.03	3.5E-08	5.2E+00	1.5E-04	1.0E-03	8.1E-07	1.6E-01	2.7E-01	3.5E-08
374	0.03	3.3E-08	4.9E+00	1.5E-04	1.0E-03	7.7E-07	1.6E-01	2.7E-01	3.3E-08
375	0.03	3.2E-08	4.7E+00	1.5E-04	1.0E-03	7.3E-07	1.6E-01	2.7E-01	3.2E-08
376	0.03	3.0E-08	4.4E+00	1.5E-04	1.0E-03	7.0E-07	1.6E-01	2.7E-01	3.0E-08
377	0.02	2.4E-08	3.5E+00	1.5E-04	1.0E-03	5.5E-07	1.6E-01	2.7E-01	2.4E-08
378	0.03	2.6E-08	3.9E+00	1.5E-04	1.0E-03	6.1E-07	1.6E-01	2.7E-01	2.6E-08
379	0.03	2.9E-08	4.2E+00	1.5E-04	1.0E-03	6.7E-07	1.6E-01	2.7E-01	2.9E-08
380	0.03	3.1E-08	4.6E+00	1.5E-04	1.0E-03	7.3E-07	1.6E-01	2.7E-01	3.1E-08
381	0.03	3.4E-08	5.1E+00	1.5E-04	1.0E-03	7.9E-07	1.6E-01	2.7E-01	3.4E-08
382	0.05	5.1E-08	7.6E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.1E-08
383	0.05	4.9E-08	7.3E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.9E-08
384	0.05	4.7E-08	6.9E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.7E-08
385	0.04	4.5E-08	6.6E+00	1.5E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-01	4.5E-08
386	0.04	4.2E-08	6.2E+00	1.5E-04	1.0E-03	9.8E-07	1.6E-01	2.7E-01	4.2E-08
387	0.04	4.0E-08	5.9E+00	1.5E-04	1.0E-03	9.3E-07	1.6E-01	2.7E-01	4.0E-08
388	0.04	3.8E-08	5.6E+00	1.5E-04	1.0E-03	8.8E-07	1.6E-01	2.7E-01	3.8E-08
389	0.04	3.6E-08	5.3E+00	1.5E-04	1.0E-03	8.3E-07	1.6E-01	2.7E-01	3.6E-08
390	0.03	3.4E-08	5.0E+00	1.5E-04	1.0E-03	7.8E-07	1.6E-01	2.7E-01	3.4E-08
391	0.03	3.2E-08	4.7E+00	1.5E-04	1.0E-03	7.4E-07	1.6E-01	2.7E-01	3.2E-08
392	0.03	2.7E-08	4.0E+00	1.5E-04	1.0E-03	6.2E-07	1.6E-01	2.7E-01	2.7E-08
393	0.03	3.0E-08	4.4E+00	1.5E-04	1.0E-03	6.9E-07	1.6E-01	2.7E-01	3.0E-08
394	0.03	3.3E-08	4.9E+00	1.5E-04	1.0E-03	7.7E-07	1.6E-01	2.7E-01	3.3E-08
395	0.04	3.7E-08	5.5E+00	1.5E-04	1.0E-03	8.6E-07	1.6E-01	2.7E-01	3.7E-08
396	0.04	4.1E-08	6.1E+00	1.5E-04	1.0E-03	9.5E-07	1.6E-01	2.7E-01	4.1E-08
397	0.06	5.8E-08	8.7E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	5.8E-08
398	0.06	5.5E-08	8.2E+00	1.5E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-01	5.5E-08
399	0.05	5.2E-08	7.7E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.2E-08
400	0.05	4.9E-08	7.3E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.9E-08
401	0.05	4.6E-08	6.8E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.6E-08
402	0.04	4.3E-08	6.4E+00	1.5E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-01	4.3E-08
403	0.04	4.1E-08	6.0E+00	1.5E-04	1.0E-03	9.4E-07	1.6E-01	2.7E-01	4.1E-08
404	0.04	3.8E-08	5.6E+00	1.5E-04	1.0E-03	8.9E-07	1.6E-01	2.7E-01	3.8E-08
405	0.04	3.6E-08	5.3E+00	1.5E-04	1.0E-03	8.3E-07	1.6E-01	2.7E-01	3.6E-08
406	0.03	3.4E-08	5.0E+00	1.5E-04	1.0E-03	7.8E-07	1.6E-01	2.7E-01	3.4E-08
407	0.03	3.0E-08	4.5E+00	1.5E-04	1.0E-03	7.0E-07	1.6E-01	2.7E-01	3.0E-08

408	0.03	3.4E-08	5.0E+00	1.5E-04	1.0E-03	7.9E-07	1.6E-01	2.7E-01	3.4E-08
409	0.04	3.9E-08	5.7E+00	1.5E-04	1.0E-03	8.9E-07	1.6E-01	2.7E-01	3.9E-08
410	0.04	4.4E-08	6.5E+00	1.5E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-01	4.4E-08
411	0.05	4.9E-08	7.3E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.9E-08
412	0.07	6.7E-08	9.9E+00	1.5E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-01	6.7E-08
413	0.06	6.2E-08	9.2E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	6.2E-08
414	0.06	5.8E-08	8.6E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	5.8E-08
415	0.05	5.4E-08	8.0E+00	1.5E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-01	5.4E-08
416	0.05	5.0E-08	7.4E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.0E-08
417	0.05	4.7E-08	6.9E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.7E-08
418	0.04	4.4E-08	6.4E+00	1.5E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-01	4.4E-08
419	0.04	4.0E-08	6.0E+00	1.5E-04	1.0E-03	9.4E-07	1.6E-01	2.7E-01	4.0E-08
420	0.04	3.8E-08	5.6E+00	1.5E-04	1.0E-03	8.8E-07	1.6E-01	2.7E-01	3.8E-08
421	0.04	3.5E-08	5.2E+00	1.5E-04	1.0E-03	8.2E-07	1.6E-01	2.7E-01	3.5E-08
422	0.03	3.4E-08	5.1E+00	1.5E-04	1.0E-03	7.9E-07	1.6E-01	2.7E-01	3.4E-08
423	0.04	3.9E-08	5.8E+00	1.5E-04	1.0E-03	9.1E-07	1.6E-01	2.7E-01	3.9E-08
424	0.05	4.5E-08	6.7E+00	1.5E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-01	4.5E-08
425	0.05	5.2E-08	7.7E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.2E-08
426	0.06	6.1E-08	9.0E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	6.1E-08
427	0.08	7.5E-08	1.1E+01	1.5E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-01	7.5E-08
428	0.07	7.0E-08	1.0E+01	1.5E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-01	7.0E-08
429	0.06	6.4E-08	9.5E+00	1.5E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-01	6.4E-08
430	0.06	5.9E-08	8.7E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	5.9E-08
431	0.05	5.4E-08	8.1E+00	1.5E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-01	5.4E-08
432	0.05	5.0E-08	7.4E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.0E-08
433	0.05	4.6E-08	6.9E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.6E-08
434	0.04	4.3E-08	6.3E+00	1.5E-04	1.0E-03	9.9E-07	1.6E-01	2.7E-01	4.3E-08
435	0.04	4.0E-08	5.9E+00	1.5E-04	1.0E-03	9.2E-07	1.6E-01	2.7E-01	4.0E-08
436	0.04	3.7E-08	5.4E+00	1.5E-04	1.0E-03	8.5E-07	1.6E-01	2.7E-01	3.7E-08
437	0.04	3.8E-08	5.7E+00	1.5E-04	1.0E-03	8.9E-07	1.6E-01	2.7E-01	3.8E-08
438	0.04	4.5E-08	6.6E+00	1.5E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-01	4.5E-08
439	0.05	5.3E-08	7.8E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.3E-08
440	0.06	6.3E-08	9.3E+00	1.5E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-01	6.3E-08
441	0.08	7.6E-08	1.1E+01	1.5E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-01	7.6E-08
442	0.08	8.5E-08	1.3E+01	1.5E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-01	8.5E-08
443	0.08	7.7E-08	1.1E+01	1.5E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-01	7.7E-08
444	0.07	7.0E-08	1.0E+01	1.5E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-01	7.0E-08
445	0.06	6.4E-08	9.5E+00	1.5E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-01	6.4E-08
446	0.06	5.8E-08	8.6E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	5.8E-08
447	0.05	5.3E-08	7.9E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.3E-08
448	0.05	4.9E-08	7.2E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.9E-08
449	0.04	4.5E-08	6.6E+00	1.5E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-01	4.5E-08
450	0.04	4.1E-08	6.1E+00	1.5E-04	1.0E-03	9.6E-07	1.6E-01	2.7E-01	4.1E-08
451	0.04	3.8E-08	5.6E+00	1.5E-04	1.0E-03	8.8E-07	1.6E-01	2.7E-01	3.8E-08
452	0.04	4.3E-08	6.4E+00	1.5E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-01	4.3E-08
453	0.05	5.1E-08	7.5E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.1E-08

454	0.06	6.2E-08	9.2E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	6.2E-08
455	0.08	7.6E-08	1.1E+01	1.5E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-01	7.6E-08
456	0.10	9.7E-08	1.4E+01	1.5E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-01	9.7E-08
457	0.09	9.4E-08	1.4E+01	1.5E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-01	9.4E-08
458	0.08	8.4E-08	1.2E+01	1.5E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-01	8.4E-08
459	0.08	7.6E-08	1.1E+01	1.5E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-01	7.6E-08
460	0.07	6.8E-08	1.0E+01	1.5E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-01	6.8E-08
461	0.06	6.2E-08	9.2E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	6.2E-08
462	0.06	5.6E-08	8.3E+00	1.5E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-01	5.6E-08
463	0.05	5.1E-08	7.6E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.1E-08
464	0.05	4.7E-08	6.9E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.7E-08
465	0.04	4.3E-08	6.3E+00	1.5E-04	1.0E-03	9.9E-07	1.6E-01	2.7E-01	4.3E-08
466	0.04	3.9E-08	5.8E+00	1.5E-04	1.0E-03	9.1E-07	1.6E-01	2.7E-01	3.9E-08
467	0.05	4.7E-08	7.0E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.7E-08
468	0.06	5.7E-08	8.4E+00	1.5E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-01	5.7E-08
469	0.07	7.0E-08	1.0E+01	1.5E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-01	7.0E-08
470	0.09	9.0E-08	1.3E+01	1.5E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-01	9.0E-08
471	0.12	1.2E-07	1.8E+01	1.5E-04	1.0E-03	2.8E-06	1.6E-01	2.7E-01	1.2E-07
472	0.10	1.0E-07	1.5E+01	1.5E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-01	1.0E-07
473	0.09	9.1E-08	1.3E+01	1.5E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-01	9.1E-08
474	0.08	8.1E-08	1.2E+01	1.5E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-01	8.1E-08
475	0.07	7.3E-08	1.1E+01	1.5E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-01	7.3E-08
476	0.07	6.5E-08	9.6E+00	1.5E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-01	6.5E-08
477	0.06	5.9E-08	8.7E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	5.9E-08
478	0.05	5.3E-08	7.9E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.3E-08
479	0.05	4.8E-08	7.2E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.8E-08
480	0.04	4.4E-08	6.5E+00	1.5E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-01	4.4E-08
481	0.04	4.0E-08	5.9E+00	1.5E-04	1.0E-03	9.3E-07	1.6E-01	2.7E-01	4.0E-08
482	0.05	5.1E-08	7.6E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.1E-08
483	0.06	6.3E-08	9.3E+00	1.5E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-01	6.3E-08
484	0.08	7.9E-08	1.2E+01	1.5E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-01	7.9E-08
485	0.11	1.1E-07	1.6E+01	1.5E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-01	1.1E-07
486	0.15	1.5E-07	2.2E+01	1.5E-04	1.0E-03	3.5E-06	1.6E-01	2.7E-01	1.5E-07
487	0.11	1.1E-07	1.6E+01	1.5E-04	1.0E-03	2.5E-06	1.6E-01	2.7E-01	1.1E-07
488	0.10	9.7E-08	1.4E+01	1.5E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-01	9.7E-08
489	0.09	8.5E-08	1.3E+01	1.5E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-01	8.5E-08
490	0.08	7.6E-08	1.1E+01	1.5E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-01	7.6E-08
491	0.07	6.8E-08	1.0E+01	1.5E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-01	6.8E-08
492	0.06	6.1E-08	9.0E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	6.1E-08
493	0.05	5.5E-08	8.1E+00	1.5E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-01	5.5E-08
494	0.05	5.0E-08	7.3E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.0E-08
495	0.05	4.5E-08	6.7E+00	1.5E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-01	4.5E-08
496	0.04	4.1E-08	6.0E+00	1.5E-04	1.0E-03	9.5E-07	1.6E-01	2.7E-01	4.1E-08
497	0.06	5.5E-08	8.2E+00	1.5E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-01	5.5E-08
498	0.07	6.9E-08	1.0E+01	1.5E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-01	6.9E-08
499	0.09	8.9E-08	1.3E+01	1.5E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-01	8.9E-08

500	0.12	1.2E-07	1.8E+01	1.5E-04	1.0E-03	2.8E-06	1.6E-01	2.7E-01	1.2E-07
501	0.17	1.7E-07	2.6E+01	1.5E-04	1.0E-03	4.0E-06	1.6E-01	2.7E-01	1.7E-07
502	0.12	1.2E-07	1.7E+01	1.5E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-01	1.2E-07
503	0.10	1.0E-07	1.5E+01	1.5E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-01	1.0E-07
504	0.09	8.9E-08	1.3E+01	1.5E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-01	8.9E-08
505	0.08	7.9E-08	1.2E+01	1.5E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-01	7.9E-08
506	0.07	7.0E-08	1.0E+01	1.5E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-01	7.0E-08
507	0.06	6.2E-08	9.2E+00	1.5E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-01	6.2E-08
508	0.06	5.6E-08	8.3E+00	1.5E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-01	5.6E-08
509	0.05	5.0E-08	7.5E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.0E-08
510	0.05	4.6E-08	6.7E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.6E-08
511	0.04	4.1E-08	6.1E+00	1.5E-04	1.0E-03	9.6E-07	1.6E-01	2.7E-01	4.1E-08
512	0.06	5.9E-08	8.7E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	5.9E-08
513	0.07	7.4E-08	1.1E+01	1.5E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-01	7.4E-08
514	0.10	9.5E-08	1.4E+01	1.5E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-01	9.5E-08
515	0.13	1.3E-07	2.0E+01	1.5E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-01	1.3E-07
516	0.19	1.9E-07	2.8E+01	1.5E-04	1.0E-03	4.5E-06	1.6E-01	2.7E-01	1.9E-07
517	0.12	1.2E-07	1.8E+01	1.5E-04	1.0E-03	2.8E-06	1.6E-01	2.7E-01	1.2E-07
518	0.11	1.1E-07	1.6E+01	1.5E-04	1.0E-03	2.5E-06	1.6E-01	2.7E-01	1.1E-07
519	0.09	9.2E-08	1.4E+01	1.5E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-01	9.2E-08
520	0.08	8.1E-08	1.2E+01	1.5E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-01	8.1E-08
521	0.07	7.1E-08	1.1E+01	1.5E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-01	7.1E-08
522	0.06	6.3E-08	9.4E+00	1.5E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-01	6.3E-08
523	0.06	5.7E-08	8.4E+00	1.5E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-01	5.7E-08
524	0.05	5.1E-08	7.5E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.1E-08
525	0.05	4.6E-08	6.7E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.6E-08
526	0.04	4.1E-08	6.1E+00	1.5E-04	1.0E-03	9.5E-07	1.6E-01	2.7E-01	4.1E-08
527	0.06	6.1E-08	9.1E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	6.1E-08
528	0.08	7.8E-08	1.1E+01	1.5E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-01	7.8E-08
529	0.10	1.0E-07	1.5E+01	1.5E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-01	1.0E-07
530	0.14	1.4E-07	2.1E+01	1.5E-04	1.0E-03	3.3E-06	1.6E-01	2.7E-01	1.4E-07
531	0.21	2.1E-07	3.1E+01	1.5E-04	1.0E-03	4.8E-06	1.6E-01	2.7E-01	2.1E-07
532	0.13	1.3E-07	1.9E+01	1.5E-04	1.0E-03	2.9E-06	1.6E-01	2.7E-01	1.3E-07
533	0.11	1.1E-07	1.6E+01	1.5E-04	1.0E-03	2.5E-06	1.6E-01	2.7E-01	1.1E-07
534	0.09	9.4E-08	1.4E+01	1.5E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-01	9.4E-08
535	0.08	8.1E-08	1.2E+01	1.5E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-01	8.1E-08
536	0.07	7.1E-08	1.1E+01	1.5E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-01	7.1E-08
537	0.06	6.3E-08	9.4E+00	1.5E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-01	6.3E-08
538	0.06	5.6E-08	8.3E+00	1.5E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-01	5.6E-08
539	0.05	5.0E-08	7.5E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.0E-08
540	0.05	4.5E-08	6.7E+00	1.5E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-01	4.5E-08
541	0.04	4.0E-08	6.0E+00	1.5E-04	1.0E-03	9.4E-07	1.6E-01	2.7E-01	4.0E-08
542	0.06	6.3E-08	9.4E+00	1.5E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-01	6.3E-08
543	0.08	8.1E-08	1.2E+01	1.5E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-01	8.1E-08
544	0.11	1.1E-07	1.6E+01	1.5E-04	1.0E-03	2.5E-06	1.6E-01	2.7E-01	1.1E-07
545	0.15	1.5E-07	2.2E+01	1.5E-04	1.0E-03	3.5E-06	1.6E-01	2.7E-01	1.5E-07

546	0.21	2.1E-07	3.2E+01	1.5E-04	1.0E-03	5.0E-06	1.6E-01	2.7E-01	2.1E-07
547	0.13	1.3E-07	1.9E+01	1.5E-04	1.0E-03	3.0E-06	1.6E-01	2.7E-01	1.3E-07
548	0.11	1.1E-07	1.6E+01	1.5E-04	1.0E-03	2.6E-06	1.6E-01	2.7E-01	1.1E-07
549	0.09	9.4E-08	1.4E+01	1.5E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-01	9.4E-08
550	0.08	8.1E-08	1.2E+01	1.5E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-01	8.1E-08
551	0.07	7.0E-08	1.0E+01	1.5E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-01	7.0E-08
552	0.06	6.1E-08	9.0E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	6.1E-08
553	0.05	5.4E-08	8.0E+00	1.5E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-01	5.4E-08
554	0.05	4.9E-08	7.2E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.9E-08
555	0.04	4.4E-08	6.4E+00	1.5E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-01	4.4E-08
556	0.04	3.9E-08	5.8E+00	1.5E-04	1.0E-03	9.1E-07	1.6E-01	2.7E-01	3.9E-08
557	0.06	6.4E-08	9.5E+00	1.5E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-01	6.4E-08
558	0.08	8.2E-08	1.2E+01	1.5E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-01	8.2E-08
559	0.11	1.1E-07	1.6E+01	1.5E-04	1.0E-03	2.6E-06	1.6E-01	2.7E-01	1.1E-07
560	0.15	1.5E-07	2.3E+01	1.5E-04	1.0E-03	3.6E-06	1.6E-01	2.7E-01	1.5E-07
561	0.22	2.2E-07	3.2E+01	1.5E-04	1.0E-03	5.1E-06	1.6E-01	2.7E-01	2.2E-07
562	0.11	1.1E-07	1.6E+01	1.5E-04	1.0E-03	2.6E-06	1.6E-01	2.7E-01	1.1E-07
563	0.09	9.5E-08	1.4E+01	1.5E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-01	9.5E-08
564	0.08	8.1E-08	1.2E+01	1.5E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-01	8.1E-08
565	0.07	6.6E-08	9.8E+00	1.5E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-01	6.6E-08
566	0.06	5.8E-08	8.5E+00	1.5E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-01	5.8E-08
567	0.05	5.1E-08	7.5E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.1E-08
568	0.05	4.5E-08	6.7E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.5E-08
569	0.04	4.1E-08	6.0E+00	1.5E-04	1.0E-03	9.5E-07	1.6E-01	2.7E-01	4.1E-08
570	0.04	3.7E-08	5.5E+00	1.5E-04	1.0E-03	8.6E-07	1.6E-01	2.7E-01	3.7E-08
571	0.06	6.5E-08	9.6E+00	1.5E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-01	6.5E-08
572	0.08	8.4E-08	1.2E+01	1.5E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-01	8.4E-08
573	0.11	1.1E-07	1.6E+01	1.5E-04	1.0E-03	2.6E-06	1.6E-01	2.7E-01	1.1E-07
574	0.15	1.5E-07	2.3E+01	1.5E-04	1.0E-03	3.6E-06	1.6E-01	2.7E-01	1.5E-07
575	0.22	2.2E-07	3.3E+01	1.5E-04	1.0E-03	5.1E-06	1.6E-01	2.7E-01	2.2E-07
576	0.09	9.5E-08	1.4E+01	1.5E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-01	9.5E-08
577	0.08	8.0E-08	1.2E+01	1.5E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-01	8.0E-08
578	0.07	6.7E-08	1.0E+01	1.5E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-01	6.7E-08
579	0.06	5.9E-08	8.7E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	5.9E-08
580	0.05	5.1E-08	7.6E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.1E-08
581	0.04	4.5E-08	6.6E+00	1.5E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-01	4.5E-08
582	0.04	4.0E-08	5.9E+00	1.5E-04	1.0E-03	9.2E-07	1.6E-01	2.7E-01	4.0E-08
583	0.04	3.5E-08	5.2E+00	1.5E-04	1.0E-03	8.2E-07	1.6E-01	2.7E-01	3.5E-08
584	0.06	6.5E-08	9.6E+00	1.5E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-01	6.5E-08
585	0.08	8.4E-08	1.2E+01	1.5E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-01	8.4E-08
586	0.11	1.1E-07	1.6E+01	1.5E-04	1.0E-03	2.6E-06	1.6E-01	2.7E-01	1.1E-07
587	0.15	1.5E-07	2.3E+01	1.5E-04	1.0E-03	3.5E-06	1.6E-01	2.7E-01	1.5E-07
588	0.22	2.2E-07	3.2E+01	1.5E-04	1.0E-03	5.1E-06	1.6E-01	2.7E-01	2.2E-07
589	0.08	8.0E-08	1.2E+01	1.5E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-01	8.0E-08
590	0.07	6.9E-08	1.0E+01	1.5E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-01	6.9E-08
591	0.06	6.0E-08	8.9E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	6.0E-08

592	0.05	5.2E-08	7.7E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.2E-08
593	0.05	4.6E-08	6.8E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.6E-08
594	0.04	4.0E-08	5.9E+00	1.5E-04	1.0E-03	9.3E-07	1.6E-01	2.7E-01	4.0E-08
595	0.03	3.5E-08	5.2E+00	1.5E-04	1.0E-03	8.1E-07	1.6E-01	2.7E-01	3.5E-08
596	0.06	6.3E-08	9.4E+00	1.5E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-01	6.3E-08
597	0.08	8.2E-08	1.2E+01	1.5E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-01	8.2E-08
598	0.11	1.1E-07	1.6E+01	1.5E-04	1.0E-03	2.5E-06	1.6E-01	2.7E-01	1.1E-07
599	0.15	1.5E-07	2.2E+01	1.5E-04	1.0E-03	3.4E-06	1.6E-01	2.7E-01	1.5E-07
600	0.21	2.1E-07	3.1E+01	1.5E-04	1.0E-03	4.9E-06	1.6E-01	2.7E-01	2.1E-07
601	0.07	6.6E-08	9.8E+00	1.5E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-01	6.6E-08
602	0.06	5.8E-08	8.6E+00	1.5E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-01	5.8E-08
603	0.05	5.0E-08	7.4E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.0E-08
604	0.04	4.4E-08	6.6E+00	1.5E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-01	4.4E-08
605	0.04	3.9E-08	5.8E+00	1.5E-04	1.0E-03	9.1E-07	1.6E-01	2.7E-01	3.9E-08
606	0.03	3.4E-08	5.1E+00	1.5E-04	1.0E-03	8.0E-07	1.6E-01	2.7E-01	3.4E-08
607	0.06	6.1E-08	9.0E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	6.1E-08
608	0.08	7.8E-08	1.2E+01	1.5E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-01	7.8E-08
609	0.10	1.0E-07	1.5E+01	1.5E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-01	1.0E-07
610	0.14	1.4E-07	2.1E+01	1.5E-04	1.0E-03	3.2E-06	1.6E-01	2.7E-01	1.4E-07
611	0.20	2.0E-07	2.9E+01	1.5E-04	1.0E-03	4.6E-06	1.6E-01	2.7E-01	2.0E-07
612	0.06	6.3E-08	9.4E+00	1.5E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-01	6.3E-08
613	0.06	5.5E-08	8.2E+00	1.5E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-01	5.5E-08
614	0.05	4.8E-08	7.1E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.8E-08
615	0.04	4.2E-08	6.3E+00	1.5E-04	1.0E-03	9.8E-07	1.6E-01	2.7E-01	4.2E-08
616	0.04	3.7E-08	5.5E+00	1.5E-04	1.0E-03	8.7E-07	1.6E-01	2.7E-01	3.7E-08
617	0.03	3.3E-08	4.9E+00	1.5E-04	1.0E-03	7.7E-07	1.6E-01	2.7E-01	3.3E-08
618	0.06	5.8E-08	8.6E+00	1.5E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-01	5.8E-08
619	0.07	7.3E-08	1.1E+01	1.5E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-01	7.3E-08
620	0.10	9.5E-08	1.4E+01	1.5E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-01	9.5E-08
621	0.13	1.3E-07	1.9E+01	1.5E-04	1.0E-03	2.9E-06	1.6E-01	2.7E-01	1.3E-07
622	0.18	1.8E-07	2.6E+01	1.5E-04	1.0E-03	4.1E-06	1.6E-01	2.7E-01	1.8E-07
623	0.06	6.0E-08	8.8E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	6.0E-08
624	0.05	5.2E-08	7.7E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.2E-08
625	0.05	4.5E-08	6.7E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.5E-08
626	0.04	4.0E-08	6.0E+00	1.5E-04	1.0E-03	9.3E-07	1.6E-01	2.7E-01	4.0E-08
627	0.04	3.6E-08	5.3E+00	1.5E-04	1.0E-03	8.3E-07	1.6E-01	2.7E-01	3.6E-08
628	0.03	3.2E-08	4.7E+00	1.5E-04	1.0E-03	7.4E-07	1.6E-01	2.7E-01	3.2E-08
629	0.05	5.4E-08	8.0E+00	1.5E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-01	5.4E-08
630	0.07	6.7E-08	9.9E+00	1.5E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-01	6.7E-08
631	0.09	8.6E-08	1.3E+01	1.5E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-01	8.6E-08
632	0.11	1.1E-07	1.7E+01	1.5E-04	1.0E-03	2.6E-06	1.6E-01	2.7E-01	1.1E-07
633	0.15	1.5E-07	2.3E+01	1.5E-04	1.0E-03	3.6E-06	1.6E-01	2.7E-01	1.5E-07
634	0.06	5.6E-08	8.2E+00	1.5E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-01	5.6E-08
635	0.05	4.9E-08	7.2E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.9E-08
636	0.04	4.3E-08	6.3E+00	1.5E-04	1.0E-03	9.9E-07	1.6E-01	2.7E-01	4.3E-08
637	0.04	3.8E-08	5.6E+00	1.5E-04	1.0E-03	8.8E-07	1.6E-01	2.7E-01	3.8E-08

638	0.03	3.4E-08	5.0E+00	1.5E-04	1.0E-03	7.9E-07	1.6E-01	2.7E-01	3.4E-08
639	0.03	3.0E-08	4.5E+00	1.5E-04	1.0E-03	7.1E-07	1.6E-01	2.7E-01	3.0E-08
640	0.05	5.0E-08	7.4E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.0E-08
641	0.06	6.1E-08	9.0E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	6.1E-08
642	0.08	7.6E-08	1.1E+01	1.5E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-01	7.6E-08
643	0.10	9.8E-08	1.4E+01	1.5E-04	1.0E-03	2.3E-06	1.6E-01	2.7E-01	9.8E-08
644	0.13	1.3E-07	1.9E+01	1.5E-04	1.0E-03	3.0E-06	1.6E-01	2.7E-01	1.3E-07
645	0.05	5.1E-08	7.6E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.1E-08
646	0.05	4.5E-08	6.7E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.5E-08
647	0.04	4.0E-08	5.9E+00	1.5E-04	1.0E-03	9.3E-07	1.6E-01	2.7E-01	4.0E-08
648	0.04	3.6E-08	5.3E+00	1.5E-04	1.0E-03	8.3E-07	1.6E-01	2.7E-01	3.6E-08
649	0.03	3.2E-08	4.7E+00	1.5E-04	1.0E-03	7.5E-07	1.6E-01	2.7E-01	3.2E-08
650	0.03	2.9E-08	4.3E+00	1.5E-04	1.0E-03	6.7E-07	1.6E-01	2.7E-01	2.9E-08
651	0.05	4.6E-08	6.8E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.6E-08
652	0.06	5.5E-08	8.2E+00	1.5E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-01	5.5E-08
653	0.07	6.8E-08	1.0E+01	1.5E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-01	6.8E-08
654	0.08	8.4E-08	1.2E+01	1.5E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-01	8.4E-08
655	0.11	1.1E-07	1.6E+01	1.5E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-01	1.1E-07
656	0.13	1.3E-07	2.0E+01	1.5E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-01	1.3E-07
657	0.17	1.7E-07	2.5E+01	1.5E-04	1.0E-03	3.9E-06	1.6E-01	2.7E-01	1.7E-07
658	0.20	2.0E-07	3.0E+01	1.5E-04	1.0E-03	4.7E-06	1.6E-01	2.7E-01	2.0E-07
659	0.23	2.3E-07	3.4E+01	1.5E-04	1.0E-03	5.3E-06	1.6E-01	2.7E-01	2.3E-07
660	0.24	2.4E-07	3.5E+01	1.5E-04	1.0E-03	5.5E-06	1.6E-01	2.7E-01	2.4E-07
661	0.22	2.2E-07	3.3E+01	1.5E-04	1.0E-03	5.2E-06	1.6E-01	2.7E-01	2.2E-07
662	0.20	2.0E-07	2.9E+01	1.5E-04	1.0E-03	4.6E-06	1.6E-01	2.7E-01	2.0E-07
663	0.16	1.6E-07	2.4E+01	1.5E-04	1.0E-03	3.8E-06	1.6E-01	2.7E-01	1.6E-07
664	0.14	1.4E-07	2.0E+01	1.5E-04	1.0E-03	3.2E-06	1.6E-01	2.7E-01	1.4E-07
665	0.11	1.1E-07	1.7E+01	1.5E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-01	1.1E-07
666	0.10	9.6E-08	1.4E+01	1.5E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-01	9.6E-08
667	0.08	8.2E-08	1.2E+01	1.5E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-01	8.2E-08
668	0.07	7.1E-08	1.0E+01	1.5E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-01	7.1E-08
669	0.06	6.1E-08	9.1E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	6.1E-08
670	0.05	5.4E-08	7.9E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.4E-08
671	0.05	4.7E-08	7.0E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.7E-08
672	0.04	4.2E-08	6.2E+00	1.5E-04	1.0E-03	9.7E-07	1.6E-01	2.7E-01	4.2E-08
673	0.04	3.7E-08	5.5E+00	1.5E-04	1.0E-03	8.7E-07	1.6E-01	2.7E-01	3.7E-08
674	0.03	3.4E-08	5.0E+00	1.5E-04	1.0E-03	7.8E-07	1.6E-01	2.7E-01	3.4E-08
675	0.03	3.0E-08	4.5E+00	1.5E-04	1.0E-03	7.0E-07	1.6E-01	2.7E-01	3.0E-08
676	0.03	2.7E-08	4.0E+00	1.5E-04	1.0E-03	6.3E-07	1.6E-01	2.7E-01	2.7E-08
677	0.04	4.1E-08	6.1E+00	1.5E-04	1.0E-03	9.5E-07	1.6E-01	2.7E-01	4.1E-08
678	0.05	4.9E-08	7.2E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.9E-08
679	0.06	5.9E-08	8.7E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	5.9E-08
680	0.07	7.1E-08	1.0E+01	1.5E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-01	7.1E-08
681	0.09	8.6E-08	1.3E+01	1.5E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-01	8.6E-08
682	0.10	1.0E-07	1.5E+01	1.5E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-01	1.0E-07
683	0.12	1.2E-07	1.8E+01	1.5E-04	1.0E-03	2.9E-06	1.6E-01	2.7E-01	1.2E-07

684	0.14	1.4E-07	2.1E+01	1.5E-04	1.0E-03	3.3E-06	1.6E-01	2.7E-01	1.4E-07
685	0.16	1.6E-07	2.3E+01	1.5E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-01	1.6E-07
686	0.16	1.6E-07	2.4E+01	1.5E-04	1.0E-03	3.8E-06	1.6E-01	2.7E-01	1.6E-07
687	0.16	1.6E-07	2.3E+01	1.5E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-01	1.6E-07
688	0.14	1.4E-07	2.1E+01	1.5E-04	1.0E-03	3.4E-06	1.6E-01	2.7E-01	1.4E-07
689	0.13	1.3E-07	1.9E+01	1.5E-04	1.0E-03	3.0E-06	1.6E-01	2.7E-01	1.3E-07
690	0.11	1.1E-07	1.6E+01	1.5E-04	1.0E-03	2.6E-06	1.6E-01	2.7E-01	1.1E-07
691	0.10	9.6E-08	1.4E+01	1.5E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-01	9.6E-08
692	0.08	8.3E-08	1.2E+01	1.5E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-01	8.3E-08
693	0.07	7.2E-08	1.1E+01	1.5E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-01	7.2E-08
694	0.06	6.3E-08	9.3E+00	1.5E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-01	6.3E-08
695	0.06	5.5E-08	8.2E+00	1.5E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-01	5.5E-08
696	0.05	4.9E-08	7.2E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.9E-08
697	0.04	4.3E-08	6.4E+00	1.5E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-01	4.3E-08
698	0.04	3.9E-08	5.7E+00	1.5E-04	1.0E-03	9.0E-07	1.6E-01	2.7E-01	3.9E-08
699	0.03	3.5E-08	5.2E+00	1.5E-04	1.0E-03	8.1E-07	1.6E-01	2.7E-01	3.5E-08
700	0.03	3.1E-08	4.6E+00	1.5E-04	1.0E-03	7.3E-07	1.6E-01	2.7E-01	3.1E-08
701	0.03	2.8E-08	4.2E+00	1.5E-04	1.0E-03	6.6E-07	1.6E-01	2.7E-01	2.8E-08
702	0.03	2.6E-08	3.8E+00	1.5E-04	1.0E-03	6.0E-07	1.6E-01	2.7E-01	2.6E-08
703	0.04	3.7E-08	5.5E+00	1.5E-04	1.0E-03	8.6E-07	1.6E-01	2.7E-01	3.7E-08
704	0.04	4.3E-08	6.4E+00	1.5E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-01	4.3E-08
705	0.05	5.1E-08	7.5E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.1E-08
706	0.06	6.0E-08	8.9E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	6.0E-08
707	0.07	7.1E-08	1.0E+01	1.5E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-01	7.1E-08
708	0.08	8.3E-08	1.2E+01	1.5E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-01	8.3E-08
709	0.10	9.6E-08	1.4E+01	1.5E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-01	9.6E-08
710	0.11	1.1E-07	1.6E+01	1.5E-04	1.0E-03	2.5E-06	1.6E-01	2.7E-01	1.1E-07
711	0.12	1.2E-07	1.7E+01	1.5E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-01	1.2E-07
712	0.12	1.2E-07	1.8E+01	1.5E-04	1.0E-03	2.8E-06	1.6E-01	2.7E-01	1.2E-07
713	0.12	1.2E-07	1.7E+01	1.5E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-01	1.2E-07
714	0.11	1.1E-07	1.6E+01	1.5E-04	1.0E-03	2.6E-06	1.6E-01	2.7E-01	1.1E-07
715	0.10	1.0E-07	1.5E+01	1.5E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-01	1.0E-07
716	0.09	9.1E-08	1.3E+01	1.5E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-01	9.1E-08
717	0.08	8.1E-08	1.2E+01	1.5E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-01	8.1E-08
718	0.07	7.2E-08	1.1E+01	1.5E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-01	7.2E-08
719	0.06	6.3E-08	9.4E+00	1.5E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-01	6.3E-08
720	0.06	5.6E-08	8.3E+00	1.5E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-01	5.6E-08
721	0.05	5.0E-08	7.4E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.0E-08
722	0.04	4.4E-08	6.6E+00	1.5E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-01	4.4E-08
723	0.04	4.0E-08	5.9E+00	1.5E-04	1.0E-03	9.2E-07	1.6E-01	2.7E-01	4.0E-08
724	0.04	3.6E-08	5.3E+00	1.5E-04	1.0E-03	8.3E-07	1.6E-01	2.7E-01	3.6E-08
725	0.03	3.2E-08	4.8E+00	1.5E-04	1.0E-03	7.5E-07	1.6E-01	2.7E-01	3.2E-08
726	0.03	2.9E-08	4.4E+00	1.5E-04	1.0E-03	6.8E-07	1.6E-01	2.7E-01	2.9E-08
727	0.03	2.7E-08	4.0E+00	1.5E-04	1.0E-03	6.2E-07	1.6E-01	2.7E-01	2.7E-08
728	0.02	2.4E-08	3.6E+00	1.5E-04	1.0E-03	5.7E-07	1.6E-01	2.7E-01	2.4E-08
729	0.03	3.3E-08	5.0E+00	1.5E-04	1.0E-03	7.8E-07	1.6E-01	2.7E-01	3.3E-08

730	0.04	3.9E-08	5.7E+00	1.5E-04	1.0E-03	9.0E-07	1.6E-01	2.7E-01	3.9E-08
731	0.04	4.4E-08	6.6E+00	1.5E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-01	4.4E-08
732	0.05	5.1E-08	7.6E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.1E-08
733	0.06	5.9E-08	8.7E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	5.9E-08
734	0.07	6.8E-08	1.0E+01	1.5E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-01	6.8E-08
735	0.08	7.6E-08	1.1E+01	1.5E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-01	7.6E-08
736	0.08	8.4E-08	1.2E+01	1.5E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-01	8.4E-08
737	0.09	8.9E-08	1.3E+01	1.5E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-01	8.9E-08
738	0.09	9.2E-08	1.4E+01	1.5E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-01	9.2E-08
739	0.09	9.1E-08	1.4E+01	1.5E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-01	9.1E-08
740	0.09	8.8E-08	1.3E+01	1.5E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-01	8.8E-08
741	0.08	8.2E-08	1.2E+01	1.5E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-01	8.2E-08
742	0.08	7.6E-08	1.1E+01	1.5E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-01	7.6E-08
743	0.07	6.9E-08	1.0E+01	1.5E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-01	6.9E-08
744	0.06	6.2E-08	9.2E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	6.2E-08
745	0.06	5.6E-08	8.3E+00	1.5E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-01	5.6E-08
746	0.05	5.0E-08	7.4E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.0E-08
747	0.05	4.5E-08	6.7E+00	1.5E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-01	4.5E-08
748	0.04	4.1E-08	6.0E+00	1.5E-04	1.0E-03	9.4E-07	1.6E-01	2.7E-01	4.1E-08
749	0.04	3.7E-08	5.4E+00	1.5E-04	1.0E-03	8.5E-07	1.6E-01	2.7E-01	3.7E-08
750	0.03	3.3E-08	4.9E+00	1.5E-04	1.0E-03	7.7E-07	1.6E-01	2.7E-01	3.3E-08
751	0.03	3.0E-08	4.5E+00	1.5E-04	1.0E-03	7.0E-07	1.6E-01	2.7E-01	3.0E-08
752	0.03	2.7E-08	4.1E+00	1.5E-04	1.0E-03	6.4E-07	1.6E-01	2.7E-01	2.7E-08
753	0.03	2.5E-08	3.7E+00	1.5E-04	1.0E-03	5.8E-07	1.6E-01	2.7E-01	2.5E-08
754	0.02	2.3E-08	3.4E+00	1.5E-04	1.0E-03	5.3E-07	1.6E-01	2.7E-01	2.3E-08
755	0.03	3.0E-08	4.5E+00	1.5E-04	1.0E-03	7.0E-07	1.6E-01	2.7E-01	3.0E-08
756	0.03	3.4E-08	5.1E+00	1.5E-04	1.0E-03	8.0E-07	1.6E-01	2.7E-01	3.4E-08
757	0.04	3.9E-08	5.8E+00	1.5E-04	1.0E-03	9.0E-07	1.6E-01	2.7E-01	3.9E-08
758	0.04	4.4E-08	6.5E+00	1.5E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-01	4.4E-08
759	0.05	5.0E-08	7.4E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.0E-08
760	0.06	5.6E-08	8.3E+00	1.5E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-01	5.6E-08
761	0.06	6.2E-08	9.2E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	6.2E-08
762	0.07	6.7E-08	9.9E+00	1.5E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-01	6.7E-08
763	0.07	7.1E-08	1.1E+01	1.5E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-01	7.1E-08
764	0.07	7.3E-08	1.1E+01	1.5E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-01	7.3E-08
765	0.07	7.3E-08	1.1E+01	1.5E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-01	7.3E-08
766	0.07	7.2E-08	1.1E+01	1.5E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-01	7.2E-08
767	0.07	6.8E-08	1.0E+01	1.5E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-01	6.8E-08
768	0.06	6.4E-08	9.5E+00	1.5E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-01	6.4E-08
769	0.06	5.9E-08	8.8E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	5.9E-08
770	0.05	5.4E-08	8.0E+00	1.5E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-01	5.4E-08
771	0.05	5.0E-08	7.3E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.0E-08
772	0.05	4.5E-08	6.7E+00	1.5E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-01	4.5E-08
773	0.04	4.1E-08	6.1E+00	1.5E-04	1.0E-03	9.5E-07	1.6E-01	2.7E-01	4.1E-08
774	0.04	3.7E-08	5.5E+00	1.5E-04	1.0E-03	8.6E-07	1.6E-01	2.7E-01	3.7E-08
775	0.03	3.4E-08	5.0E+00	1.5E-04	1.0E-03	7.8E-07	1.6E-01	2.7E-01	3.4E-08

776	0.03	3.1E-08	4.5E+00	1.5E-04	1.0E-03	7.1E-07	1.6E-01	2.7E-01	3.1E-08
777	0.03	2.8E-08	4.2E+00	1.5E-04	1.0E-03	6.5E-07	1.6E-01	2.7E-01	2.8E-08
778	0.03	2.6E-08	3.8E+00	1.5E-04	1.0E-03	6.0E-07	1.6E-01	2.7E-01	2.6E-08
779	0.02	2.4E-08	3.5E+00	1.5E-04	1.0E-03	5.5E-07	1.6E-01	2.7E-01	2.4E-08
780	0.02	2.2E-08	3.2E+00	1.5E-04	1.0E-03	5.1E-07	1.6E-01	2.7E-01	2.2E-08
781	0.03	2.7E-08	4.0E+00	1.5E-04	1.0E-03	6.3E-07	1.6E-01	2.7E-01	2.7E-08
782	0.03	3.1E-08	4.5E+00	1.5E-04	1.0E-03	7.1E-07	1.6E-01	2.7E-01	3.1E-08
783	0.03	3.4E-08	5.1E+00	1.5E-04	1.0E-03	8.0E-07	1.6E-01	2.7E-01	3.4E-08
784	0.04	3.8E-08	5.7E+00	1.5E-04	1.0E-03	8.9E-07	1.6E-01	2.7E-01	3.8E-08
785	0.04	4.3E-08	6.3E+00	1.5E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-01	4.3E-08
786	0.05	4.7E-08	7.0E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.7E-08
787	0.05	5.2E-08	7.6E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.2E-08
788	0.06	5.5E-08	8.2E+00	1.5E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-01	5.5E-08
789	0.06	5.8E-08	8.6E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	5.8E-08
790	0.06	6.0E-08	8.9E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	6.0E-08
791	0.06	6.0E-08	8.9E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	6.0E-08
792	0.06	5.9E-08	8.8E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-01	5.9E-08
793	0.06	5.7E-08	8.5E+00	1.5E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-01	5.7E-08
794	0.05	5.5E-08	8.1E+00	1.5E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-01	5.5E-08
795	0.05	5.1E-08	7.6E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-01	5.1E-08
796	0.05	4.8E-08	7.1E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-01	4.8E-08
797	0.04	4.4E-08	6.5E+00	1.5E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-01	4.4E-08
798	0.04	4.1E-08	6.0E+00	1.5E-04	1.0E-03	9.4E-07	1.6E-01	2.7E-01	4.1E-08
799	0.04	3.7E-08	5.5E+00	1.5E-04	1.0E-03	8.6E-07	1.6E-01	2.7E-01	3.7E-08
800	0.03	3.4E-08	5.0E+00	1.5E-04	1.0E-03	7.9E-07	1.6E-01	2.7E-01	3.4E-08
801	0.03	3.1E-08	4.6E+00	1.5E-04	1.0E-03	7.2E-07	1.6E-01	2.7E-01	3.1E-08
802	0.03	2.9E-08	4.2E+00	1.5E-04	1.0E-03	6.6E-07	1.6E-01	2.7E-01	2.9E-08
803	0.03	2.6E-08	3.9E+00	1.5E-04	1.0E-03	6.1E-07	1.6E-01	2.7E-01	2.6E-08
804	0.02	2.4E-08	3.6E+00	1.5E-04	1.0E-03	5.6E-07	1.6E-01	2.7E-01	2.4E-08
805	0.02	2.2E-08	3.3E+00	1.5E-04	1.0E-03	5.2E-07	1.6E-01	2.7E-01	2.2E-08
806	0.02	2.1E-08	3.0E+00	1.5E-04	1.0E-03	4.8E-07	1.6E-01	2.7E-01	2.1E-08

Risk From Portable Set-up - Mitigated Residential

Franklin School Project

Risk From Portable Set-up - Mitigated Residential

	0.00	Max					Onsite		
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
1	0.00	7.1E-12		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
2	0.00	8.1E-12		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
3	0.00	9.1E-12		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
4	0.00	1.0E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
5	0.00	1.1E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
6	0.00	1.1E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
7	0.00	1.2E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
8	0.00	1.2E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
9	0.00	1.2E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
10	0.00	1.2E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
11	0.00	1.3E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
12	0.00	1.3E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
13	0.00	1.3E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
14	0.00	1.2E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
15	0.00	1.2E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
16	0.00	1.1E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
17	0.00	1.1E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
18	0.00	1.3E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
19	0.00	1.4E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
20	0.00	1.5E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
21	0.00	1.7E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
22	0.00	1.8E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
23	0.00	1.8E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
24	0.00	1.7E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
25	0.00	1.7E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
26	0.00	1.7E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
27	0.00	1.8E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
28	0.00	1.8E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
29	0.00	1.7E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
30	0.00	1.5E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
31	0.00	1.4E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
32	0.00	1.2E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
33	0.00	1.1E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
34	0.00	1.6E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
35	0.00	1.3E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
36	0.00	1.5E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
37	0.00	1.7E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
38	0.00	1.9E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
39	0.00	2.2E-11		0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00

40	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
41	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
42	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
43	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
44	0.00	2.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
45	0.00	2.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
46	0.00	1.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
47	0.00	1.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
48	0.00	1.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
49	0.00	1.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
50	0.00	1.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
51	0.00	1.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
52	0.00	1.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
53	0.00	2.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
54	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
55	0.00	3.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
56	0.00	3.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
57	0.00	4.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
58	0.00	4.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
59	0.00	3.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
60	0.00	3.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
61	0.00	2.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
62	0.00	2.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
63	0.00	1.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
64	0.00	1.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
65	0.00	1.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
66	0.00	1.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
67	0.00	1.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
68	0.00	2.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
69	0.00	3.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
70	0.00	4.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
71	0.00	5.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
72	0.00	6.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
73	0.00	7.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
74	0.00	6.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
75	0.00	5.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
76	0.00	4.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
77	0.00	3.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
78	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
79	0.00	1.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
80	0.00	1.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
81	0.00	1.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
82	0.00	1.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
83	0.00	1.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
84	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
85	0.00	4.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00

86	0.00	7.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
87	0.00	1.3E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
88	0.00	1.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
89	0.00	1.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
90	0.00	1.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
91	0.00	6.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
92	0.00	4.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
93	0.00	3.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
94	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
95	0.00	1.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
96	0.00	1.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
97	0.00	9.7E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
98	0.00	1.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
99	0.00	1.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
100	0.00	3.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
101	0.00	6.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
102	0.00	1.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
103	0.00	6.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
104	0.00	7.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
105	0.00	2.8E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
106	0.00	1.3E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
107	0.00	7.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
108	0.00	4.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
109	0.00	3.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
110	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
111	0.00	1.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
112	0.00	1.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
113	0.00	9.2E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
114	0.00	1.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
115	0.00	1.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
116	0.00	3.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
117	0.00	6.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
118	0.00	1.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
119	0.00	6.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
120	0.00	3.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
121	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
122	0.00	1.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
123	0.00	1.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
124	0.00	1.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
125	0.00	8.5E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
126	0.00	1.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
127	0.00	1.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
128	0.00	2.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
129	0.00	4.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
130	0.00	7.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
131	0.00	4.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00

132	0.00	2.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
133	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
134	0.00	1.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
135	0.00	1.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
136	0.00	9.3E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
137	0.00	7.7E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
138	0.00	1.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
139	0.00	1.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
140	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
141	0.00	3.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
142	0.00	4.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
143	0.00	3.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
144	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
145	0.00	1.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
146	0.00	1.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
147	0.00	1.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
148	0.00	8.2E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
149	0.00	6.8E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
150	0.00	8.7E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
151	0.00	1.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
152	0.00	1.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
153	0.00	2.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
154	0.00	3.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
155	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
156	0.00	1.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
157	0.00	1.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
158	0.00	1.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
159	0.00	9.2E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
160	0.00	7.4E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
161	0.00	5.9E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
162	0.00	7.3E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
163	0.00	9.2E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
164	0.00	1.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
165	0.00	1.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
166	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
167	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
168	0.00	2.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
169	0.00	2.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
170	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
171	0.00	2.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
172	0.00	1.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
173	0.00	1.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
174	0.00	1.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
175	0.00	8.3E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
176	0.00	6.8E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
177	0.00	5.1E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00

178	0.00	6.2E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
179	0.00	7.6E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
180	0.00	9.6E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
181	0.00	1.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
182	0.00	1.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
183	0.00	1.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
184	0.00	2.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
185	0.00	2.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
186	0.00	1.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
187	0.00	1.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
188	0.00	1.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
189	0.00	1.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
190	0.00	9.1E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
191	0.00	7.6E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
192	0.00	6.3E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
193	0.00	4.5E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
194	0.00	5.3E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
195	0.00	6.4E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
196	0.00	7.8E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
197	0.00	9.6E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
198	0.00	1.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
199	0.00	1.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
200	0.00	1.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
201	0.00	1.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
202	0.00	1.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
203	0.00	1.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
204	0.00	1.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
205	0.00	9.2E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
206	0.00	7.6E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
207	0.00	6.8E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
208	0.00	5.8E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
209	0.00	3.9E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
210	0.00	4.6E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
211	0.00	5.4E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
212	0.00	6.5E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
213	0.00	7.7E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
214	0.00	8.9E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
215	0.00	9.9E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
216	0.00	1.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
217	0.00	1.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
218	0.00	1.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
219	0.00	1.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
220	0.00	9.1E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
221	0.00	8.1E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
222	0.00	6.7E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
223	0.00	5.8E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00

224	0.00	5.3E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
225	0.00	3.5E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
226	0.00	4.0E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
227	0.00	4.7E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
228	0.00	5.4E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
229	0.00	6.3E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
230	0.00	7.1E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
231	0.00	7.8E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
232	0.00	8.4E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
233	0.00	8.6E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
234	0.00	8.5E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
235	0.00	8.1E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
236	0.00	7.6E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
237	0.00	6.9E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
238	0.00	6.2E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
239	0.00	5.1E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
240	0.00	4.5E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
241	0.00	3.1E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
242	0.00	3.5E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
243	0.00	4.0E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
244	0.00	4.6E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
245	0.00	5.2E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
246	0.00	5.8E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
247	0.00	6.4E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
248	0.00	6.7E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
249	0.00	6.9E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
250	0.00	6.9E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
251	0.00	6.7E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
252	0.00	6.3E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
253	0.00	5.9E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
254	0.00	5.4E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
255	0.00	4.8E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
256	0.00	4.1E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
257	0.00	2.7E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
258	0.00	3.1E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
259	0.00	3.5E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
260	0.00	3.9E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
261	0.00	4.4E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
262	0.00	4.9E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
263	0.00	5.3E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
264	0.00	5.5E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
265	0.00	5.7E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
266	0.00	5.7E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
267	0.00	5.6E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
268	0.00	5.4E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
269	0.00	5.1E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00

270	0.00	4.7E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
271	0.00	4.3E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
272	0.00	3.7E-12	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
273	0.00	1.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
274	0.00	2.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
275	0.00	2.8E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
276	0.00	3.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
277	0.00	4.9E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
278	0.00	6.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
279	0.00	7.3E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
280	0.00	7.9E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
281	0.00	8.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
282	0.00	7.8E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
283	0.00	7.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
284	0.00	5.9E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
285	0.00	4.9E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
286	0.00	4.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
287	0.00	3.3E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
288	0.00	2.8E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
289	0.00	2.3E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
290	0.00	2.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
291	0.00	1.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
292	0.00	1.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
293	0.00	1.3E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
294	0.00	1.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
295	0.00	9.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
296	0.00	8.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
297	0.00	7.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
298	0.00	7.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
299	0.00	1.9E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
300	0.00	2.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
301	0.00	3.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
302	0.00	5.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
303	0.00	1.8E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
304	0.00	2.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
305	0.00	3.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
306	0.00	5.4E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
307	0.00	5.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
308	0.00	4.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
309	0.00	3.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
310	0.00	7.9E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
311	0.00	6.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
312	0.00	4.6E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
313	0.00	3.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
314	0.00	3.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
315	0.00	2.4E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00

316	0.00	2.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
317	0.00	1.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
318	0.00	1.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
319	0.00	1.3E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
320	0.00	1.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
321	0.00	9.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
322	0.00	8.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
323	0.00	7.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
324	0.00	6.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
325	0.00	2.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
326	0.00	2.9E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
327	0.00	4.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
328	0.00	6.6E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
329	0.00	2.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
330	0.00	3.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
331	0.00	5.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
332	0.00	5.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
333	0.00	4.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
334	0.00	5.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
335	0.00	3.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
336	0.00	2.6E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
337	0.00	7.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
338	0.00	5.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
339	0.00	3.9E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
340	0.00	3.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
341	0.00	2.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
342	0.00	2.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
343	0.00	1.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
344	0.00	1.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
345	0.00	1.3E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
346	0.00	1.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
347	0.00	9.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
348	0.00	8.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
349	0.00	7.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
350	0.00	6.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
351	0.00	2.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
352	0.00	3.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
353	0.00	4.8E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
354	0.00	1.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
355	0.00	2.3E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
356	0.00	3.6E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
357	0.00	3.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
358	0.00	8.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
359	0.00	6.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
360	0.00	5.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
361	0.00	3.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00

362	0.00	2.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
363	0.00	7.9E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
364	0.00	5.4E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
365	0.00	4.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
366	0.00	3.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
367	0.00	2.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
368	0.00	2.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
369	0.00	1.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
370	0.00	1.4E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
371	0.00	1.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
372	0.00	1.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
373	0.00	9.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
374	0.00	8.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
375	0.00	7.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
376	0.00	6.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
377	0.00	2.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
378	0.00	3.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
379	0.00	4.8E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
380	0.00	1.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
381	0.00	2.3E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
382	0.00	2.4E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
383	0.00	2.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
384	0.00	1.6E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
385	0.00	1.4E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
386	0.00	1.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
387	0.00	1.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
388	0.00	8.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
389	0.00	7.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
390	0.00	7.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
391	0.00	6.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
392	0.00	2.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
393	0.00	3.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
394	0.00	4.4E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
395	0.00	1.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
396	0.00	2.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
397	0.00	2.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
398	0.00	1.8E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
399	0.00	1.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
400	0.00	1.3E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
401	0.00	1.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
402	0.00	9.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
403	0.00	8.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
404	0.00	7.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
405	0.00	6.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
406	0.00	6.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
407	0.00	1.9E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00

408	0.00	2.6E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
409	0.00	3.6E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
410	0.00	5.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
411	0.00	1.8E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
412	0.00	2.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
413	0.00	1.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
414	0.00	1.4E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
415	0.00	1.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
416	0.00	1.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
417	0.00	9.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
418	0.00	8.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
419	0.00	7.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
420	0.00	6.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
421	0.00	5.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
422	0.00	1.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
423	0.00	2.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
424	0.00	2.9E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
425	0.00	3.8E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
426	0.00	5.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
427	0.00	1.8E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
428	0.00	1.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
429	0.00	1.3E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
430	0.00	1.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
431	0.00	9.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
432	0.00	8.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
433	0.00	7.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
434	0.00	6.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
435	0.00	5.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
436	0.00	5.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
437	0.00	1.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
438	0.00	1.8E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
439	0.00	2.4E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
440	0.00	2.8E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
441	0.00	3.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
442	0.00	1.6E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
443	0.00	1.3E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
444	0.00	1.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
445	0.00	1.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
446	0.00	8.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
447	0.00	7.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
448	0.00	7.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
449	0.00	6.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
450	0.00	5.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
451	0.00	5.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
452	0.00	1.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
453	0.00	1.5E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00

454	0.00	2.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
455	0.00	2.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
456	0.00	2.6E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
457	0.00	1.4E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
458	0.00	1.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
459	0.00	1.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
460	0.00	9.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
461	0.00	8.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
462	0.00	7.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
463	0.00	6.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
464	0.00	5.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
465	0.00	5.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
466	0.00	4.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
467	0.00	1.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
468	0.00	1.3E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
469	0.00	1.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
470	0.00	1.7E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
471	0.00	2.0E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
472	0.00	1.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
473	0.00	1.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
474	0.00	9.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
475	0.00	8.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
476	0.00	7.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
477	0.00	6.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
478	0.00	6.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
479	0.00	5.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
480	0.00	5.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
481	0.00	4.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
482	0.00	9.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
483	0.00	1.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
484	0.00	1.4E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
485	0.00	1.4E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
486	0.00	1.6E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
487	0.00	1.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
488	0.00	9.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
489	0.00	8.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
490	0.00	7.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
491	0.00	6.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
492	0.00	6.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
493	0.00	5.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
494	0.00	5.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
495	0.00	4.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
496	0.00	4.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
497	0.00	7.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
498	0.00	9.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
499	0.00	1.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00

500	0.00	1.4E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
501	0.00	1.3E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
502	0.00	9.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
503	0.00	8.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
504	0.00	7.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
505	0.00	7.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
506	0.00	6.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
507	0.00	5.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
508	0.00	5.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
509	0.00	4.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
510	0.00	4.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
511	0.00	4.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
512	0.00	6.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
513	0.00	7.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
514	0.00	9.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
515	0.00	1.1E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
516	0.00	1.2E-10	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
517	0.00	8.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
518	0.00	7.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
519	0.00	7.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
520	0.00	6.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
521	0.00	5.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
522	0.00	5.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
523	0.00	4.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
524	0.00	4.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
525	0.00	4.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
526	0.00	3.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
527	0.00	6.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
528	0.00	6.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
529	0.00	7.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
530	0.00	8.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
531	0.00	9.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
532	0.00	7.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
533	0.00	6.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
534	0.00	6.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
535	0.00	5.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
536	0.00	5.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
537	0.00	4.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
538	0.00	4.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
539	0.00	4.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
540	0.00	3.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
541	0.00	3.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
542	0.00	5.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
543	0.00	5.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
544	0.00	6.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
545	0.00	7.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00

546	0.00	7.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
547	0.00	6.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
548	0.00	6.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
549	0.00	5.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
550	0.00	5.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
551	0.00	4.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
552	0.00	4.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
553	0.00	4.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
554	0.00	3.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
555	0.00	3.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
556	0.00	3.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
557	0.00	4.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
558	0.00	5.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
559	0.00	5.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
560	0.00	6.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
561	0.00	6.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
562	0.00	5.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
563	0.00	5.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
564	0.00	4.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
565	0.00	4.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
566	0.00	4.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
567	0.00	3.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
568	0.00	3.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
569	0.00	3.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
570	0.00	3.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
571	0.00	4.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
572	0.00	4.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
573	0.00	5.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
574	0.00	5.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
575	0.00	5.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
576	0.00	4.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
577	0.00	4.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
578	0.00	4.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
579	0.00	3.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
580	0.00	3.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
581	0.00	3.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
582	0.00	3.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
583	0.00	2.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
584	0.00	3.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
585	0.00	4.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
586	0.00	4.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
587	0.00	4.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
588	0.00	5.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
589	0.00	4.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
590	0.00	4.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
591	0.00	3.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00

592	0.00	3.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
593	0.00	3.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
594	0.00	3.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
595	0.00	2.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
596	0.00	3.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
597	0.00	3.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
598	0.00	4.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
599	0.00	4.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
600	0.00	4.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
601	0.00	3.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
602	0.00	3.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
603	0.00	3.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
604	0.00	3.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
605	0.00	2.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
606	0.00	2.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
607	0.00	3.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
608	0.00	3.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
609	0.00	3.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
610	0.00	3.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
611	0.00	4.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
612	0.00	3.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
613	0.00	3.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
614	0.00	3.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
615	0.00	2.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
616	0.00	2.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
617	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
618	0.00	3.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
619	0.00	3.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
620	0.00	3.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
621	0.00	3.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
622	0.00	3.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
623	0.00	3.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
624	0.00	3.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
625	0.00	2.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
626	0.00	2.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
627	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
628	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
629	0.00	2.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
630	0.00	2.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
631	0.00	3.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
632	0.00	3.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
633	0.00	3.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
634	0.00	3.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
635	0.00	2.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
636	0.00	2.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
637	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00

638	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
639	0.00	2.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
640	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
641	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
642	0.00	2.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
643	0.00	2.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
644	0.00	3.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
645	0.00	2.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
646	0.00	2.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
647	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
648	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
649	0.00	2.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
650	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
651	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
652	0.00	2.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
653	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
654	0.00	2.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
655	0.00	2.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
656	0.00	2.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
657	0.00	3.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
658	0.00	3.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
659	0.00	3.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
660	0.00	3.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
661	0.00	3.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
662	0.00	3.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
663	0.00	3.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
664	0.00	3.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
665	0.00	3.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
666	0.00	3.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
667	0.00	3.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
668	0.00	2.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
669	0.00	2.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
670	0.00	2.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
671	0.00	2.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
672	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
673	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
674	0.00	2.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
675	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
676	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
677	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
678	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
679	0.00	2.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
680	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
681	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
682	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
683	0.00	2.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00

684	0.00	2.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
685	0.00	2.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
686	0.00	2.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
687	0.00	2.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
688	0.00	2.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
689	0.00	2.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
690	0.00	2.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
691	0.00	2.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
692	0.00	2.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
693	0.00	2.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
694	0.00	2.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
695	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
696	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
697	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
698	0.00	2.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
699	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
700	0.00	2.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
701	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
702	0.00	2.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
703	0.00	2.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
704	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
705	0.00	2.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
706	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
707	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
708	0.00	2.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
709	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
710	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
711	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
712	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
713	0.00	2.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
714	0.00	2.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
715	0.00	2.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
716	0.00	2.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
717	0.00	2.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
718	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
719	0.00	2.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
720	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
721	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
722	0.00	2.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
723	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
724	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
725	0.00	2.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
726	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
727	0.00	2.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
728	0.00	1.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
729	0.00	1.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00

730	0.00	1.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
731	0.00	2.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
732	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
733	0.00	2.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
734	0.00	2.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
735	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
736	0.00	2.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
737	0.00	2.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
738	0.00	2.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
739	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
740	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
741	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
742	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
743	0.00	2.5E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
744	0.00	2.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
745	0.00	2.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
746	0.00	2.4E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
747	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
748	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
749	0.00	2.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
750	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
751	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
752	0.00	2.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
753	0.00	1.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
754	0.00	1.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
755	0.00	1.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
756	0.00	1.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
757	0.00	1.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
758	0.00	1.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
759	0.00	2.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
760	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
761	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
762	0.00	2.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
763	0.00	2.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
764	0.00	2.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
765	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
766	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
767	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
768	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
769	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
770	0.00	2.3E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
771	0.00	2.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
772	0.00	2.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
773	0.00	2.2E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
774	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
775	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00

776	0.00	2.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
777	0.00	1.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
778	0.00	1.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
779	0.00	1.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
780	0.00	1.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
781	0.00	1.6E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
782	0.00	1.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
783	0.00	1.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
784	0.00	1.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
785	0.00	1.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
786	0.00	1.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
787	0.00	2.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
788	0.00	2.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
789	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
790	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
791	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
792	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
793	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
794	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
795	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
796	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
797	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
798	0.00	2.1E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
799	0.00	2.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
800	0.00	2.0E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
801	0.00	1.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
802	0.00	1.9E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
803	0.00	1.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
804	0.00	1.8E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
805	0.00	1.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
806	0.00	1.7E-11	0.0E+00	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00

Franklin School Project

Risk From Portable Set-up - Mitigated Residential

Haul Route 1A							Haul Route 2A						
Conc	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
3.2E-01	1.9E-07	1.0E-03	6.4E-11	1.6E-01	3.8E-02	3.8E-13	3.4E-01	6.0E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12
3.6E-01	1.9E-07	1.0E-03	7.2E-11	1.6E-01	3.8E-02	4.4E-13	3.9E-01	6.0E-07	1.0E-03	2.4E-10	1.6E-01	3.8E-02	1.5E-12
4.1E-01	1.9E-07	1.0E-03	8.2E-11	1.6E-01	3.8E-02	4.9E-13	4.5E-01	6.0E-07	1.0E-03	2.8E-10	1.6E-01	3.8E-02	1.7E-12
4.6E-01	1.9E-07	1.0E-03	9.2E-11	1.6E-01	3.8E-02	5.5E-13	5.2E-01	6.0E-07	1.0E-03	3.2E-10	1.6E-01	3.8E-02	1.9E-12
5.1E-01	1.9E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.1E-13	5.8E-01	6.0E-07	1.0E-03	3.7E-10	1.6E-01	3.8E-02	2.2E-12
5.5E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.6E-13	6.5E-01	6.0E-07	1.0E-03	4.1E-10	1.6E-01	3.8E-02	2.4E-12
6.0E-01	1.9E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.1E-13	7.1E-01	6.0E-07	1.0E-03	4.4E-10	1.6E-01	3.8E-02	2.7E-12
6.4E-01	1.9E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.7E-13	7.7E-01	6.0E-07	1.0E-03	4.8E-10	1.6E-01	3.8E-02	2.9E-12
6.9E-01	1.9E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.3E-13	8.4E-01	6.0E-07	1.0E-03	5.3E-10	1.6E-01	3.8E-02	3.2E-12
7.5E-01	1.9E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.0E-13	9.2E-01	6.0E-07	1.0E-03	5.8E-10	1.6E-01	3.8E-02	3.5E-12
8.0E-01	1.9E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.6E-13	9.9E-01	6.0E-07	1.0E-03	6.2E-10	1.6E-01	3.8E-02	3.7E-12
8.4E-01	1.9E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	1.0E+00	6.0E-07	1.0E-03	6.5E-10	1.6E-01	3.8E-02	3.9E-12
8.5E-01	1.9E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	1.0E+00	6.0E-07	1.0E-03	6.5E-10	1.6E-01	3.8E-02	3.9E-12
8.3E-01	1.9E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	1.0E+00	6.0E-07	1.0E-03	6.3E-10	1.6E-01	3.8E-02	3.8E-12
7.9E-01	1.9E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.5E-13	9.5E-01	6.0E-07	1.0E-03	6.0E-10	1.6E-01	3.8E-02	3.6E-12
7.4E-01	1.9E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	8.9E-13	8.8E-01	6.0E-07	1.0E-03	5.5E-10	1.6E-01	3.8E-02	3.3E-12
3.8E-01	1.9E-07	1.0E-03	7.5E-11	1.6E-01	3.8E-02	4.5E-13	3.9E-01	6.0E-07	1.0E-03	2.5E-10	1.6E-01	3.8E-02	1.5E-12
4.4E-01	1.9E-07	1.0E-03	8.7E-11	1.6E-01	3.8E-02	5.2E-13	4.7E-01	6.0E-07	1.0E-03	2.9E-10	1.6E-01	3.8E-02	1.8E-12
5.1E-01	1.9E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.1E-13	5.5E-01	6.0E-07	1.0E-03	3.5E-10	1.6E-01	3.8E-02	2.1E-12
5.8E-01	1.9E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.0E-13	6.5E-01	6.0E-07	1.0E-03	4.1E-10	1.6E-01	3.8E-02	2.5E-12
6.6E-01	1.9E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.9E-13	7.6E-01	6.0E-07	1.0E-03	4.8E-10	1.6E-01	3.8E-02	2.9E-12
7.3E-01	1.9E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.7E-13	8.7E-01	6.0E-07	1.0E-03	5.5E-10	1.6E-01	3.8E-02	3.3E-12
8.0E-01	1.9E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.6E-13	9.7E-01	6.0E-07	1.0E-03	6.1E-10	1.6E-01	3.8E-02	3.7E-12
8.7E-01	1.9E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	1.1E+00	6.0E-07	1.0E-03	6.8E-10	1.6E-01	3.8E-02	4.1E-12
9.6E-01	1.9E-07	1.0E-03	1.9E-10	1.6E-01	3.8E-02	1.2E-12	1.2E+00	6.0E-07	1.0E-03	7.6E-10	1.6E-01	3.8E-02	4.6E-12
1.1E+00	1.9E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12	1.3E+00	6.0E-07	1.0E-03	8.4E-10	1.6E-01	3.8E-02	5.0E-12
1.1E+00	1.9E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.3E-12	1.4E+00	6.0E-07	1.0E-03	8.9E-10	1.6E-01	3.8E-02	5.4E-12
1.1E+00	1.9E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.4E-12	1.4E+00	6.0E-07	1.0E-03	9.0E-10	1.6E-01	3.8E-02	5.4E-12
1.1E+00	1.9E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.3E-12	1.4E+00	6.0E-07	1.0E-03	8.7E-10	1.6E-01	3.8E-02	5.2E-12
1.0E+00	1.9E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12	1.3E+00	6.0E-07	1.0E-03	8.0E-10	1.6E-01	3.8E-02	4.8E-12
9.6E-01	1.9E-07	1.0E-03	1.9E-10	1.6E-01	3.8E-02	1.1E-12	1.2E+00	6.0E-07	1.0E-03	7.2E-10	1.6E-01	3.8E-02	4.4E-12
8.7E-01	1.9E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	1.0E+00	6.0E-07	1.0E-03	6.4E-10	1.6E-01	3.8E-02	3.9E-12
4.4E-01	1.9E-07	1.0E-03	8.8E-11	1.6E-01	3.8E-02	5.3E-13	4.5E-01	6.0E-07	1.0E-03	2.9E-10	1.6E-01	3.8E-02	1.7E-12
5.3E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.3E-13	5.6E-01	6.0E-07	1.0E-03	3.5E-10	1.6E-01	3.8E-02	2.1E-12
6.3E-01	1.9E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.6E-13	6.9E-01	6.0E-07	1.0E-03	4.3E-10	1.6E-01	3.8E-02	2.6E-12
7.6E-01	1.9E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.1E-13	8.5E-01	6.0E-07	1.0E-03	5.3E-10	1.6E-01	3.8E-02	3.2E-12
8.9E-01	1.9E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12	1.0E+00	6.0E-07	1.0E-03	6.5E-10	1.6E-01	3.8E-02	3.9E-12
1.0E+00	1.9E-07	1.0E-03	2.0E-10	1.6E-01	3.8E-02	1.2E-12	1.2E+00	6.0E-07	1.0E-03	7.8E-10	1.6E-01	3.8E-02	4.7E-12
1.1E+00	1.9E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12	1.4E+00	6.0E-07	1.0E-03	9.0E-10	1.6E-01	3.8E-02	5.4E-12

1.3E+00	1.9E-07	1.0E-03	2.5E-10	1.6E-01	3.8E-02	1.5E-12	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.2E-12
1.4E+00	1.9E-07	1.0E-03	2.8E-10	1.6E-01	3.8E-02	1.7E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.1E-12
1.5E+00	1.9E-07	1.0E-03	3.1E-10	1.6E-01	3.8E-02	1.8E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.8E-12
1.6E+00	1.9E-07	1.0E-03	3.1E-10	1.6E-01	3.8E-02	1.9E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.9E-12
1.5E+00	1.9E-07	1.0E-03	3.1E-10	1.6E-01	3.8E-02	1.8E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.5E-12
1.4E+00	1.9E-07	1.0E-03	2.8E-10	1.6E-01	3.8E-02	1.7E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12
1.3E+00	1.9E-07	1.0E-03	2.5E-10	1.6E-01	3.8E-02	1.5E-12	1.6E+00	6.0E-07	1.0E-03	9.9E-10	1.6E-01	3.8E-02	6.0E-12
1.1E+00	1.9E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.4E-12	1.3E+00	6.0E-07	1.0E-03	8.4E-10	1.6E-01	3.8E-02	5.1E-12
9.8E-01	1.9E-07	1.0E-03	1.9E-10	1.6E-01	3.8E-02	1.2E-12	1.1E+00	6.0E-07	1.0E-03	7.1E-10	1.6E-01	3.8E-02	4.3E-12
5.2E-01	1.9E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.2E-13	5.2E-01	6.0E-07	1.0E-03	3.3E-10	1.6E-01	3.8E-02	2.0E-12
6.4E-01	1.9E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.7E-13	6.6E-01	6.0E-07	1.0E-03	4.2E-10	1.6E-01	3.8E-02	2.5E-12
8.1E-01	1.9E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.7E-13	8.6E-01	6.0E-07	1.0E-03	5.4E-10	1.6E-01	3.8E-02	3.2E-12
1.0E+00	1.9E-07	1.0E-03	2.0E-10	1.6E-01	3.8E-02	1.2E-12	1.1E+00	6.0E-07	1.0E-03	7.1E-10	1.6E-01	3.8E-02	4.3E-12
1.3E+00	1.9E-07	1.0E-03	2.5E-10	1.6E-01	3.8E-02	1.5E-12	1.5E+00	6.0E-07	1.0E-03	9.3E-10	1.6E-01	3.8E-02	5.6E-12
1.5E+00	1.9E-07	1.0E-03	3.0E-10	1.6E-01	3.8E-02	1.8E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.2E-12
1.7E+00	1.9E-07	1.0E-03	3.5E-10	1.6E-01	3.8E-02	2.1E-12	2.3E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.8E-12
2.0E+00	1.9E-07	1.0E-03	4.0E-10	1.6E-01	3.8E-02	2.4E-12	2.8E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.1E-11
2.3E+00	1.9E-07	1.0E-03	4.5E-10	1.6E-01	3.8E-02	2.7E-12	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11
2.4E+00	1.9E-07	1.0E-03	4.7E-10	1.6E-01	3.8E-02	2.8E-12	3.4E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11
2.3E+00	1.9E-07	1.0E-03	4.5E-10	1.6E-01	3.8E-02	2.7E-12	3.1E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11
2.1E+00	1.9E-07	1.0E-03	4.1E-10	1.6E-01	3.8E-02	2.5E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11
1.8E+00	1.9E-07	1.0E-03	3.5E-10	1.6E-01	3.8E-02	2.1E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.5E-12
1.5E+00	1.9E-07	1.0E-03	3.0E-10	1.6E-01	3.8E-02	1.8E-12	1.8E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.0E-12
1.3E+00	1.9E-07	1.0E-03	2.5E-10	1.6E-01	3.8E-02	1.5E-12	1.5E+00	6.0E-07	1.0E-03	9.4E-10	1.6E-01	3.8E-02	5.6E-12
1.1E+00	1.9E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12	1.2E+00	6.0E-07	1.0E-03	7.6E-10	1.6E-01	3.8E-02	4.6E-12
6.0E-01	1.9E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.2E-13	5.9E-01	6.0E-07	1.0E-03	3.7E-10	1.6E-01	3.8E-02	2.2E-12
7.8E-01	1.9E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.3E-13	7.8E-01	6.0E-07	1.0E-03	4.9E-10	1.6E-01	3.8E-02	2.9E-12
1.0E+00	1.9E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.2E-12	1.1E+00	6.0E-07	1.0E-03	6.7E-10	1.6E-01	3.8E-02	4.0E-12
1.4E+00	1.9E-07	1.0E-03	2.8E-10	1.6E-01	3.8E-02	1.7E-12	1.5E+00	6.0E-07	1.0E-03	9.6E-10	1.6E-01	3.8E-02	5.8E-12
1.9E+00	1.9E-07	1.0E-03	3.8E-10	1.6E-01	3.8E-02	2.3E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.5E-12
2.5E+00	1.9E-07	1.0E-03	4.9E-10	1.6E-01	3.8E-02	3.0E-12	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.2E-11
3.0E+00	1.9E-07	1.0E-03	6.1E-10	1.6E-01	3.8E-02	3.6E-12	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11
3.6E+00	1.9E-07	1.0E-03	7.3E-10	1.6E-01	3.8E-02	4.4E-12	5.6E+00	6.0E-07	1.0E-03	3.5E-09	1.6E-01	3.8E-02	2.1E-11
3.9E+00	1.9E-07	1.0E-03	7.8E-10	1.6E-01	3.8E-02	4.7E-12	6.2E+00	6.0E-07	1.0E-03	3.9E-09	1.6E-01	3.8E-02	2.3E-11
3.7E+00	1.9E-07	1.0E-03	7.4E-10	1.6E-01	3.8E-02	4.5E-12	5.6E+00	6.0E-07	1.0E-03	3.5E-09	1.6E-01	3.8E-02	2.1E-11
3.2E+00	1.9E-07	1.0E-03	6.4E-10	1.6E-01	3.8E-02	3.8E-12	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11
2.6E+00	1.9E-07	1.0E-03	5.2E-10	1.6E-01	3.8E-02	3.1E-12	3.4E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11
2.1E+00	1.9E-07	1.0E-03	4.2E-10	1.6E-01	3.8E-02	2.5E-12	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.9E-12
1.7E+00	1.9E-07	1.0E-03	3.4E-10	1.6E-01	3.8E-02	2.0E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.6E-12
1.4E+00	1.9E-07	1.0E-03	2.7E-10	1.6E-01	3.8E-02	1.6E-12	1.5E+00	6.0E-07	1.0E-03	9.7E-10	1.6E-01	3.8E-02	5.9E-12
1.1E+00	1.9E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.3E-12	1.2E+00	6.0E-07	1.0E-03	7.7E-10	1.6E-01	3.8E-02	4.6E-12
6.8E-01	1.9E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.2E-13	6.5E-01	6.0E-07	1.0E-03	4.1E-10	1.6E-01	3.8E-02	2.4E-12
9.3E-01	1.9E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12	8.8E-01	6.0E-07	1.0E-03	5.5E-10	1.6E-01	3.8E-02	3.3E-12
1.3E+00	1.9E-07	1.0E-03	2.6E-10	1.6E-01	3.8E-02	1.6E-12	1.3E+00	6.0E-07	1.0E-03	8.1E-10	1.6E-01	3.8E-02	4.9E-12
2.0E+00	1.9E-07	1.0E-03	3.9E-10	1.6E-01	3.8E-02	2.4E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.6E-12
3.1E+00	1.9E-07	1.0E-03	6.1E-10	1.6E-01	3.8E-02	3.7E-12	3.5E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11

4.8E+00	1.9E-07	1.0E-03	9.5E-10	1.6E-01	3.8E-02	5.7E-12	6.5E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	3.8E-02	2.4E-11
6.6E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.9E-12	1.1E+01	6.0E-07	1.0E-03	7.1E-09	1.6E-01	3.8E-02	4.3E-11
7.9E+00	1.9E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.5E-12	1.5E+01	6.0E-07	1.0E-03	9.4E-09	1.6E-01	3.8E-02	5.6E-11
7.2E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.6E-12	1.3E+01	6.0E-07	1.0E-03	8.1E-09	1.6E-01	3.8E-02	4.9E-11
5.6E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.7E-12	8.7E+00	6.0E-07	1.0E-03	5.5E-09	1.6E-01	3.8E-02	3.3E-11
4.2E+00	1.9E-07	1.0E-03	8.3E-10	1.6E-01	3.8E-02	5.0E-12	5.7E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	3.8E-02	2.2E-11
3.1E+00	1.9E-07	1.0E-03	6.1E-10	1.6E-01	3.8E-02	3.7E-12	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.5E-11
2.3E+00	1.9E-07	1.0E-03	4.6E-10	1.6E-01	3.8E-02	2.8E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11
1.8E+00	1.9E-07	1.0E-03	3.5E-10	1.6E-01	3.8E-02	2.1E-12	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.5E-12
1.4E+00	1.9E-07	1.0E-03	2.7E-10	1.6E-01	3.8E-02	1.6E-12	1.5E+00	6.0E-07	1.0E-03	9.4E-10	1.6E-01	3.8E-02	5.6E-12
1.1E+00	1.9E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12	1.2E+00	6.0E-07	1.0E-03	7.2E-10	1.6E-01	3.8E-02	4.4E-12
7.5E-01	1.9E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.0E-13	6.8E-01	6.0E-07	1.0E-03	4.3E-10	1.6E-01	3.8E-02	2.6E-12
1.1E+00	1.9E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12	9.5E-01	6.0E-07	1.0E-03	5.9E-10	1.6E-01	3.8E-02	3.6E-12
1.6E+00	1.9E-07	1.0E-03	3.2E-10	1.6E-01	3.8E-02	1.9E-12	1.4E+00	6.0E-07	1.0E-03	9.1E-10	1.6E-01	3.8E-02	5.5E-12
2.7E+00	1.9E-07	1.0E-03	5.4E-10	1.6E-01	3.8E-02	3.2E-12	2.5E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.3E-12
5.2E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.2E-12	5.0E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	3.8E-02	1.9E-11
1.2E+01	1.9E-07	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	1.4E+01	6.0E-07	1.0E-03	8.9E-09	1.6E-01	3.8E-02	5.4E-11
2.3E+01	1.9E-07	1.0E-03	4.7E-09	1.6E-01	3.8E-02	2.8E-11	5.4E+01	6.0E-07	1.0E-03	3.4E-08	1.6E-01	3.8E-02	2.0E-10
2.0E+01	1.9E-07	1.0E-03	4.0E-09	1.6E-01	3.8E-02	2.4E-11	6.1E+01	6.0E-07	1.0E-03	3.8E-08	1.6E-01	3.8E-02	2.3E-10
1.2E+01	1.9E-07	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.5E-11	2.4E+01	6.0E-07	1.0E-03	1.5E-08	1.6E-01	3.8E-02	9.0E-11
7.4E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.8E-12	1.1E+01	6.0E-07	1.0E-03	6.9E-09	1.6E-01	3.8E-02	4.1E-11
4.7E+00	1.9E-07	1.0E-03	9.4E-10	1.6E-01	3.8E-02	5.7E-12	6.0E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	3.8E-02	2.3E-11
3.2E+00	1.9E-07	1.0E-03	6.4E-10	1.6E-01	3.8E-02	3.9E-12	3.8E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.4E-11
2.3E+00	1.9E-07	1.0E-03	4.5E-10	1.6E-01	3.8E-02	2.7E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.6E-12
1.7E+00	1.9E-07	1.0E-03	3.3E-10	1.6E-01	3.8E-02	2.0E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12
1.3E+00	1.9E-07	1.0E-03	2.6E-10	1.6E-01	3.8E-02	1.5E-12	1.3E+00	6.0E-07	1.0E-03	8.4E-10	1.6E-01	3.8E-02	5.1E-12
1.0E+00	1.9E-07	1.0E-03	2.0E-10	1.6E-01	3.8E-02	1.2E-12	1.0E+00	6.0E-07	1.0E-03	6.5E-10	1.6E-01	3.8E-02	3.9E-12
7.9E-01	1.9E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.4E-13	6.9E-01	6.0E-07	1.0E-03	4.3E-10	1.6E-01	3.8E-02	2.6E-12
1.1E+00	1.9E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12	9.7E-01	6.0E-07	1.0E-03	6.1E-10	1.6E-01	3.8E-02	3.7E-12
1.8E+00	1.9E-07	1.0E-03	3.6E-10	1.6E-01	3.8E-02	2.2E-12	1.5E+00	6.0E-07	1.0E-03	9.3E-10	1.6E-01	3.8E-02	5.6E-12
3.3E+00	1.9E-07	1.0E-03	6.5E-10	1.6E-01	3.8E-02	3.9E-12	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.7E-12
7.6E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.1E-12	5.5E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.1E-11
7.7E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.3E-12	9.6E+00	6.0E-07	1.0E-03	6.0E-09	1.6E-01	3.8E-02	3.6E-11
4.5E+00	1.9E-07	1.0E-03	9.0E-10	1.6E-01	3.8E-02	5.4E-12	5.1E+00	6.0E-07	1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11
3.0E+00	1.9E-07	1.0E-03	5.9E-10	1.6E-01	3.8E-02	3.5E-12	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11
2.1E+00	1.9E-07	1.0E-03	4.1E-10	1.6E-01	3.8E-02	2.5E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.1E-12
1.5E+00	1.9E-07	1.0E-03	3.0E-10	1.6E-01	3.8E-02	1.8E-12	1.5E+00	6.0E-07	1.0E-03	9.7E-10	1.6E-01	3.8E-02	5.8E-12
1.1E+00	1.9E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12	1.2E+00	6.0E-07	1.0E-03	7.3E-10	1.6E-01	3.8E-02	4.4E-12
9.0E-01	1.9E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12	9.0E-01	6.0E-07	1.0E-03	5.7E-10	1.6E-01	3.8E-02	3.4E-12
7.8E-01	1.9E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.4E-13	6.6E-01	6.0E-07	1.0E-03	4.1E-10	1.6E-01	3.8E-02	2.5E-12
1.1E+00	1.9E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12	9.1E-01	6.0E-07	1.0E-03	5.7E-10	1.6E-01	3.8E-02	3.5E-12
1.8E+00	1.9E-07	1.0E-03	3.6E-10	1.6E-01	3.8E-02	2.1E-12	1.4E+00	6.0E-07	1.0E-03	8.5E-10	1.6E-01	3.8E-02	5.1E-12
3.3E+00	1.9E-07	1.0E-03	6.5E-10	1.6E-01	3.8E-02	3.9E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.4E-12
7.4E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.9E-12	4.1E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.5E-11
6.3E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.6E-12	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	3.8E-02	2.4E-11
3.7E+00	1.9E-07	1.0E-03	7.4E-10	1.6E-01	3.8E-02	4.5E-12	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.5E-11

2.4E+00	1.9E-07	1.0E-03	4.8E-10	1.6E-01	3.8E-02	2.9E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.4E-12
1.7E+00	1.9E-07	1.0E-03	3.5E-10	1.6E-01	3.8E-02	2.1E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.7E-12
1.3E+00	1.9E-07	1.0E-03	2.6E-10	1.6E-01	3.8E-02	1.5E-12	1.3E+00	6.0E-07	1.0E-03	8.2E-10	1.6E-01	3.8E-02	4.9E-12
9.9E-01	1.9E-07	1.0E-03	2.0E-10	1.6E-01	3.8E-02	1.2E-12	9.9E-01	6.0E-07	1.0E-03	6.2E-10	1.6E-01	3.8E-02	3.8E-12
7.8E-01	1.9E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.4E-13	7.8E-01	6.0E-07	1.0E-03	4.9E-10	1.6E-01	3.8E-02	3.0E-12
7.4E-01	1.9E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	8.9E-13	6.1E-01	6.0E-07	1.0E-03	3.8E-10	1.6E-01	3.8E-02	2.3E-12
1.0E+00	1.9E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12	8.2E-01	6.0E-07	1.0E-03	5.1E-10	1.6E-01	3.8E-02	3.1E-12
1.6E+00	1.9E-07	1.0E-03	3.1E-10	1.6E-01	3.8E-02	1.9E-12	1.1E+00	6.0E-07	1.0E-03	7.2E-10	1.6E-01	3.8E-02	4.3E-12
2.7E+00	1.9E-07	1.0E-03	5.3E-10	1.6E-01	3.8E-02	3.2E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.5E-12
5.0E+00	1.9E-07	1.0E-03	9.8E-10	1.6E-01	3.8E-02	5.9E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11
4.5E+00	1.9E-07	1.0E-03	8.9E-10	1.6E-01	3.8E-02	5.3E-12	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11
2.9E+00	1.9E-07	1.0E-03	5.7E-10	1.6E-01	3.8E-02	3.4E-12	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11
2.0E+00	1.9E-07	1.0E-03	3.9E-10	1.6E-01	3.8E-02	2.4E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.5E-12
1.5E+00	1.9E-07	1.0E-03	2.9E-10	1.6E-01	3.8E-02	1.8E-12	1.5E+00	6.0E-07	1.0E-03	9.3E-10	1.6E-01	3.8E-02	5.6E-12
1.1E+00	1.9E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.3E-12	1.1E+00	6.0E-07	1.0E-03	7.0E-10	1.6E-01	3.8E-02	4.2E-12
8.6E-01	1.9E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	8.7E-01	6.0E-07	1.0E-03	5.4E-10	1.6E-01	3.8E-02	3.3E-12
6.9E-01	1.9E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.2E-13	6.9E-01	6.0E-07	1.0E-03	4.3E-10	1.6E-01	3.8E-02	2.6E-12
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9.0E-01	1.9E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12	7.0E-01	6.0E-07	1.0E-03	4.4E-10	1.6E-01	3.8E-02	2.6E-12
1.3E+00	1.9E-07	1.0E-03	2.6E-10	1.6E-01	3.8E-02	1.5E-12	9.4E-01	6.0E-07	1.0E-03	5.9E-10	1.6E-01	3.8E-02	3.5E-12
2.0E+00	1.9E-07	1.0E-03	3.9E-10	1.6E-01	3.8E-02	2.3E-12	1.3E+00	6.0E-07	1.0E-03	8.2E-10	1.6E-01	3.8E-02	4.9E-12
3.1E+00	1.9E-07	1.0E-03	6.2E-10	1.6E-01	3.8E-02	3.8E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.0E-12
3.3E+00	1.9E-07	1.0E-03	6.6E-10	1.6E-01	3.8E-02	4.0E-12	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.1E-11
2.3E+00	1.9E-07	1.0E-03	4.5E-10	1.6E-01	3.8E-02	2.7E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.3E-12
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1.2E+00	1.9E-07	1.0E-03	2.5E-10	1.6E-01	3.8E-02	1.5E-12	1.3E+00	6.0E-07	1.0E-03	8.0E-10	1.6E-01	3.8E-02	4.8E-12
9.6E-01	1.9E-07	1.0E-03	1.9E-10	1.6E-01	3.8E-02	1.1E-12	9.8E-01	6.0E-07	1.0E-03	6.2E-10	1.6E-01	3.8E-02	3.7E-12
7.6E-01	1.9E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.1E-13	7.8E-01	6.0E-07	1.0E-03	4.9E-10	1.6E-01	3.8E-02	2.9E-12
6.1E-01	1.9E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.3E-13	6.3E-01	6.0E-07	1.0E-03	3.9E-10	1.6E-01	3.8E-02	2.4E-12
5.9E-01	1.9E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.0E-13	4.7E-01	6.0E-07	1.0E-03	3.0E-10	1.6E-01	3.8E-02	1.8E-12
7.6E-01	1.9E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.1E-13	5.9E-01	6.0E-07	1.0E-03	3.7E-10	1.6E-01	3.8E-02	2.2E-12
1.0E+00	1.9E-07	1.0E-03	2.0E-10	1.6E-01	3.8E-02	1.2E-12	7.6E-01	6.0E-07	1.0E-03	4.8E-10	1.6E-01	3.8E-02	2.9E-12
1.4E+00	1.9E-07	1.0E-03	2.8E-10	1.6E-01	3.8E-02	1.7E-12	1.0E+00	6.0E-07	1.0E-03	6.3E-10	1.6E-01	3.8E-02	3.8E-12
2.1E+00	1.9E-07	1.0E-03	4.2E-10	1.6E-01	3.8E-02	2.5E-12	1.4E+00	6.0E-07	1.0E-03	8.6E-10	1.6E-01	3.8E-02	5.2E-12
2.9E+00	1.9E-07	1.0E-03	5.8E-10	1.6E-01	3.8E-02	3.5E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.9E-12
3.6E+00	1.9E-07	1.0E-03	7.1E-10	1.6E-01	3.8E-02	4.3E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.5E-12
3.6E+00	1.9E-07	1.0E-03	7.2E-10	1.6E-01	3.8E-02	4.4E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.3E-12
3.1E+00	1.9E-07	1.0E-03	6.3E-10	1.6E-01	3.8E-02	3.8E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.1E-12
2.5E+00	1.9E-07	1.0E-03	4.9E-10	1.6E-01	3.8E-02	3.0E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.0E-12
1.9E+00	1.9E-07	1.0E-03	3.7E-10	1.6E-01	3.8E-02	2.2E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.6E-12
1.3E+00	1.9E-07	1.0E-03	2.7E-10	1.6E-01	3.8E-02	1.6E-12	1.3E+00	6.0E-07	1.0E-03	8.3E-10	1.6E-01	3.8E-02	5.0E-12
1.0E+00	1.9E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.2E-12	1.1E+00	6.0E-07	1.0E-03	6.6E-10	1.6E-01	3.8E-02	4.0E-12
8.5E-01	1.9E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	8.7E-01	6.0E-07	1.0E-03	5.5E-10	1.6E-01	3.8E-02	3.3E-12
6.8E-01	1.9E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.2E-13	7.0E-01	6.0E-07	1.0E-03	4.4E-10	1.6E-01	3.8E-02	2.7E-12
5.6E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.7E-13	5.7E-01	6.0E-07	1.0E-03	3.6E-10	1.6E-01	3.8E-02	2.2E-12
5.1E-01	1.9E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.1E-13	4.1E-01	6.0E-07	1.0E-03	2.6E-10	1.6E-01	3.8E-02	1.6E-12

6.4E-01	1.9E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.6E-13	5.0E-01	6.0E-07	1.0E-03	3.2E-10	1.6E-01	3.8E-02	1.9E-12
8.2E-01	1.9E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.8E-13	6.2E-01	6.0E-07	1.0E-03	3.9E-10	1.6E-01	3.8E-02	2.4E-12
1.1E+00	1.9E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.3E-12	8.0E-01	6.0E-07	1.0E-03	5.0E-10	1.6E-01	3.8E-02	3.0E-12
1.5E+00	1.9E-07	1.0E-03	2.9E-10	1.6E-01	3.8E-02	1.8E-12	1.0E+00	6.0E-07	1.0E-03	6.5E-10	1.6E-01	3.8E-02	3.9E-12
1.9E+00	1.9E-07	1.0E-03	3.7E-10	1.6E-01	3.8E-02	2.3E-12	1.3E+00	6.0E-07	1.0E-03	8.1E-10	1.6E-01	3.8E-02	4.9E-12
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2.3E+00	1.9E-07	1.0E-03	4.6E-10	1.6E-01	3.8E-02	2.8E-12	1.7E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.3E-12
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1.8E+00	1.9E-07	1.0E-03	3.6E-10	1.6E-01	3.8E-02	2.2E-12	1.6E+00	6.0E-07	1.0E-03	9.7E-10	1.6E-01	3.8E-02	5.9E-12
1.5E+00	1.9E-07	1.0E-03	3.0E-10	1.6E-01	3.8E-02	1.8E-12	1.4E+00	6.0E-07	1.0E-03	8.5E-10	1.6E-01	3.8E-02	5.1E-12
1.2E+00	1.9E-07	1.0E-03	2.4E-10	1.6E-01	3.8E-02	1.4E-12	1.1E+00	6.0E-07	1.0E-03	7.1E-10	1.6E-01	3.8E-02	4.3E-12
9.0E-01	1.9E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12	9.0E-01	6.0E-07	1.0E-03	5.6E-10	1.6E-01	3.8E-02	3.4E-12
7.6E-01	1.9E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.1E-13	7.7E-01	6.0E-07	1.0E-03	4.8E-10	1.6E-01	3.8E-02	2.9E-12
6.3E-01	1.9E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.5E-13	6.4E-01	6.0E-07	1.0E-03	4.0E-10	1.6E-01	3.8E-02	2.4E-12
5.2E-01	1.9E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.2E-13	5.3E-01	6.0E-07	1.0E-03	3.3E-10	1.6E-01	3.8E-02	2.0E-12
4.4E-01	1.9E-07	1.0E-03	8.7E-11	1.6E-01	3.8E-02	5.3E-13	3.6E-01	6.0E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12
5.4E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.4E-13	4.3E-01	6.0E-07	1.0E-03	2.7E-10	1.6E-01	3.8E-02	1.6E-12
6.7E-01	1.9E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	8.1E-13	5.3E-01	6.0E-07	1.0E-03	3.3E-10	1.6E-01	3.8E-02	2.0E-12
8.6E-01	1.9E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	6.5E-01	6.0E-07	1.0E-03	4.1E-10	1.6E-01	3.8E-02	2.5E-12
1.1E+00	1.9E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12	8.0E-01	6.0E-07	1.0E-03	5.0E-10	1.6E-01	3.8E-02	3.0E-12
1.3E+00	1.9E-07	1.0E-03	2.6E-10	1.6E-01	3.8E-02	1.6E-12	9.6E-01	6.0E-07	1.0E-03	6.0E-10	1.6E-01	3.8E-02	3.6E-12
1.5E+00	1.9E-07	1.0E-03	3.0E-10	1.6E-01	3.8E-02	1.8E-12	1.1E+00	6.0E-07	1.0E-03	6.9E-10	1.6E-01	3.8E-02	4.2E-12
1.6E+00	1.9E-07	1.0E-03	3.1E-10	1.6E-01	3.8E-02	1.9E-12	1.2E+00	6.0E-07	1.0E-03	7.5E-10	1.6E-01	3.8E-02	4.5E-12
1.5E+00	1.9E-07	1.0E-03	3.1E-10	1.6E-01	3.8E-02	1.8E-12	1.2E+00	6.0E-07	1.0E-03	7.6E-10	1.6E-01	3.8E-02	4.6E-12
1.4E+00	1.9E-07	1.0E-03	2.7E-10	1.6E-01	3.8E-02	1.6E-12	1.2E+00	6.0E-07	1.0E-03	7.3E-10	1.6E-01	3.8E-02	4.4E-12
1.1E+00	1.9E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12	1.0E+00	6.0E-07	1.0E-03	6.4E-10	1.6E-01	3.8E-02	3.9E-12
9.7E-01	1.9E-07	1.0E-03	1.9E-10	1.6E-01	3.8E-02	1.2E-12	9.0E-01	6.0E-07	1.0E-03	5.7E-10	1.6E-01	3.8E-02	3.4E-12
8.0E-01	1.9E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.6E-13	7.8E-01	6.0E-07	1.0E-03	4.9E-10	1.6E-01	3.8E-02	2.9E-12
6.5E-01	1.9E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.7E-13	6.4E-01	6.0E-07	1.0E-03	4.0E-10	1.6E-01	3.8E-02	2.4E-12
5.7E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.8E-13	5.7E-01	6.0E-07	1.0E-03	3.6E-10	1.6E-01	3.8E-02	2.2E-12
4.8E-01	1.9E-07	1.0E-03	9.5E-11	1.6E-01	3.8E-02	5.7E-13	4.9E-01	6.0E-07	1.0E-03	3.1E-10	1.6E-01	3.8E-02	1.8E-12
3.8E-01	1.9E-07	1.0E-03	7.6E-11	1.6E-01	3.8E-02	4.6E-13	3.2E-01	6.0E-07	1.0E-03	2.0E-10	1.6E-01	3.8E-02	1.2E-12
4.6E-01	1.9E-07	1.0E-03	9.1E-11	1.6E-01	3.8E-02	5.5E-13	3.7E-01	6.0E-07	1.0E-03	2.4E-10	1.6E-01	3.8E-02	1.4E-12
5.6E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.7E-13	4.5E-01	6.0E-07	1.0E-03	2.8E-10	1.6E-01	3.8E-02	1.7E-12
6.8E-01	1.9E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.2E-13	5.3E-01	6.0E-07	1.0E-03	3.4E-10	1.6E-01	3.8E-02	2.0E-12
8.3E-01	1.9E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.9E-13	6.4E-01	6.0E-07	1.0E-03	4.0E-10	1.6E-01	3.8E-02	2.4E-12
9.7E-01	1.9E-07	1.0E-03	1.9E-10	1.6E-01	3.8E-02	1.2E-12	7.4E-01	6.0E-07	1.0E-03	4.7E-10	1.6E-01	3.8E-02	2.8E-12
1.1E+00	1.9E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.3E-12	8.4E-01	6.0E-07	1.0E-03	5.2E-10	1.6E-01	3.8E-02	3.2E-12
1.1E+00	1.9E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12	9.0E-01	6.0E-07	1.0E-03	5.6E-10	1.6E-01	3.8E-02	3.4E-12
1.1E+00	1.9E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12	9.2E-01	6.0E-07	1.0E-03	5.8E-10	1.6E-01	3.8E-02	3.5E-12
1.1E+00	1.9E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12	8.9E-01	6.0E-07	1.0E-03	5.6E-10	1.6E-01	3.8E-02	3.4E-12
9.6E-01	1.9E-07	1.0E-03	1.9E-10	1.6E-01	3.8E-02	1.1E-12	8.4E-01	6.0E-07	1.0E-03	5.3E-10	1.6E-01	3.8E-02	3.2E-12
8.4E-01	1.9E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	7.7E-01	6.0E-07	1.0E-03	4.8E-10	1.6E-01	3.8E-02	2.9E-12
7.2E-01	1.9E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.6E-13	6.8E-01	6.0E-07	1.0E-03	4.3E-10	1.6E-01	3.8E-02	2.6E-12
5.8E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.9E-13	5.6E-01	6.0E-07	1.0E-03	3.5E-10	1.6E-01	3.8E-02	2.1E-12
4.9E-01	1.9E-07	1.0E-03	9.7E-11	1.6E-01	3.8E-02	5.8E-13	4.9E-01	6.0E-07	1.0E-03	3.1E-10	1.6E-01	3.8E-02	1.8E-12

4.4E-01	1.9E-07	1.0E-03	8.8E-11	1.6E-01	3.8E-02	5.3E-13	4.5E-01	6.0E-07	1.0E-03	2.8E-10	1.6E-01	3.8E-02	1.7E-12
3.4E-01	1.9E-07	1.0E-03	6.7E-11	1.6E-01	3.8E-02	4.0E-13	2.8E-01	6.0E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12
4.0E-01	1.9E-07	1.0E-03	7.9E-11	1.6E-01	3.8E-02	4.7E-13	3.3E-01	6.0E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.2E-12
4.7E-01	1.9E-07	1.0E-03	9.3E-11	1.6E-01	3.8E-02	5.6E-13	3.8E-01	6.0E-07	1.0E-03	2.4E-10	1.6E-01	3.8E-02	1.4E-12
5.6E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.7E-13	4.5E-01	6.0E-07	1.0E-03	2.8E-10	1.6E-01	3.8E-02	1.7E-12
6.5E-01	1.9E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.8E-13	5.2E-01	6.0E-07	1.0E-03	3.3E-10	1.6E-01	3.8E-02	2.0E-12
7.5E-01	1.9E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.0E-13	5.9E-01	6.0E-07	1.0E-03	3.7E-10	1.6E-01	3.8E-02	2.2E-12
8.3E-01	1.9E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.9E-13	6.6E-01	6.0E-07	1.0E-03	4.1E-10	1.6E-01	3.8E-02	2.5E-12
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8.7E-01	1.9E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	7.2E-01	6.0E-07	1.0E-03	4.5E-10	1.6E-01	3.8E-02	2.7E-12
8.4E-01	1.9E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12	7.1E-01	6.0E-07	1.0E-03	4.5E-10	1.6E-01	3.8E-02	2.7E-12
7.8E-01	1.9E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.3E-13	6.9E-01	6.0E-07	1.0E-03	4.3E-10	1.6E-01	3.8E-02	2.6E-12
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5.4E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.5E-13	5.2E-01	6.0E-07	1.0E-03	3.3E-10	1.6E-01	3.8E-02	2.0E-12
4.4E-01	1.9E-07	1.0E-03	8.8E-11	1.6E-01	3.8E-02	5.3E-13	4.3E-01	6.0E-07	1.0E-03	2.7E-10	1.6E-01	3.8E-02	1.6E-12
3.8E-01	1.9E-07	1.0E-03	7.6E-11	1.6E-01	3.8E-02	4.6E-13	3.8E-01	6.0E-07	1.0E-03	2.4E-10	1.6E-01	3.8E-02	1.4E-12
2.9E-01	1.9E-07	1.0E-03	5.8E-11	1.6E-01	3.8E-02	3.5E-13	2.5E-01	6.0E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.4E-13
3.4E-01	1.9E-07	1.0E-03	6.8E-11	1.6E-01	3.8E-02	4.1E-13	2.9E-01	6.0E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12
4.0E-01	1.9E-07	1.0E-03	7.9E-11	1.6E-01	3.8E-02	4.8E-13	3.3E-01	6.0E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.2E-12
4.6E-01	1.9E-07	1.0E-03	9.2E-11	1.6E-01	3.8E-02	5.5E-13	3.8E-01	6.0E-07	1.0E-03	2.4E-10	1.6E-01	3.8E-02	1.4E-12
5.3E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.4E-13	4.3E-01	6.0E-07	1.0E-03	2.7E-10	1.6E-01	3.8E-02	1.6E-12
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6.5E-01	1.9E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.8E-13	5.3E-01	6.0E-07	1.0E-03	3.3E-10	1.6E-01	3.8E-02	2.0E-12
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4.9E-01	1.9E-07	1.0E-03	9.7E-11	1.6E-01	3.8E-02	5.8E-13	4.0E-01	6.0E-07	1.0E-03	2.5E-10	1.6E-01	3.8E-02	1.5E-12
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5.5E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.6E-13	4.6E-01	6.0E-07	1.0E-03	2.9E-10	1.6E-01	3.8E-02	1.8E-12
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5.5E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.6E-13	4.8E-01	6.0E-07	1.0E-03	3.0E-10	1.6E-01	3.8E-02	1.8E-12
5.3E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.4E-13	4.7E-01	6.0E-07	1.0E-03	2.9E-10	1.6E-01	3.8E-02	1.8E-12
5.0E-01	1.9E-07	1.0E-03	9.9E-11	1.6E-01	3.8E-02	6.0E-13	4.5E-01	6.0E-07	1.0E-03	2.8E-10	1.6E-01	3.8E-02	1.7E-12
4.6E-01	1.9E-07	1.0E-03	9.2E-11	1.6E-01	3.8E-02	5.5E-13	4.3E-01	6.0E-07	1.0E-03	2.7E-10	1.6E-01	3.8E-02	1.6E-12

4.2E-01	1.9E-07	1.0E-03	8.4E-11	1.6E-01	3.8E-02	5.1E-13	4.0E-01	6.0E-07	1.0E-03	2.5E-10	1.6E-01	3.8E-02	1.5E-12
3.8E-01	1.9E-07	1.0E-03	7.5E-11	1.6E-01	3.8E-02	4.5E-13	3.6E-01	6.0E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12
3.2E-01	1.9E-07	1.0E-03	6.4E-11	1.6E-01	3.8E-02	3.8E-13	3.1E-01	6.0E-07	1.0E-03	2.0E-10	1.6E-01	3.8E-02	1.2E-12
1.2E+01	1.9E-07	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	1.4E+01	6.0E-07	1.0E-03	8.9E-09	1.6E-01	3.8E-02	5.4E-11
1.4E+01	1.9E-07	1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.9E-11
1.6E+01	1.9E-07	1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	2.4E+01	6.0E-07	1.0E-03	1.5E-08	1.6E-01	3.8E-02	9.1E-11
1.9E+01	1.9E-07	1.0E-03	3.7E-09	1.6E-01	3.8E-02	2.3E-11	3.2E+01	6.0E-07	1.0E-03	2.0E-08	1.6E-01	3.8E-02	1.2E-10
2.1E+01	1.9E-07	1.0E-03	4.3E-09	1.6E-01	3.8E-02	2.6E-11	4.2E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	3.8E-02	1.6E-10
2.3E+01	1.9E-07	1.0E-03	4.7E-09	1.6E-01	3.8E-02	2.8E-11	5.4E+01	6.0E-07	1.0E-03	3.4E-08	1.6E-01	3.8E-02	2.0E-10
2.5E+01	1.9E-07	1.0E-03	4.9E-09	1.6E-01	3.8E-02	2.9E-11	6.3E+01	6.0E-07	1.0E-03	3.9E-08	1.6E-01	3.8E-02	2.4E-10
2.4E+01	1.9E-07	1.0E-03	4.9E-09	1.6E-01	3.8E-02	2.9E-11	6.8E+01	6.0E-07	1.0E-03	4.3E-08	1.6E-01	3.8E-02	2.6E-10
2.3E+01	1.9E-07	1.0E-03	4.7E-09	1.6E-01	3.8E-02	2.8E-11	7.0E+01	6.0E-07	1.0E-03	4.4E-08	1.6E-01	3.8E-02	2.6E-10
2.2E+01	1.9E-07	1.0E-03	4.3E-09	1.6E-01	3.8E-02	2.6E-11	6.8E+01	6.0E-07	1.0E-03	4.2E-08	1.6E-01	3.8E-02	2.6E-10
2.0E+01	1.9E-07	1.0E-03	4.0E-09	1.6E-01	3.8E-02	2.4E-11	6.1E+01	6.0E-07	1.0E-03	3.8E-08	1.6E-01	3.8E-02	2.3E-10
1.8E+01	1.9E-07	1.0E-03	3.6E-09	1.6E-01	3.8E-02	2.2E-11	5.1E+01	6.0E-07	1.0E-03	3.2E-08	1.6E-01	3.8E-02	1.9E-10
1.7E+01	1.9E-07	1.0E-03	3.3E-09	1.6E-01	3.8E-02	2.0E-11	4.2E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	3.8E-02	1.6E-10
1.5E+01	1.9E-07	1.0E-03	3.0E-09	1.6E-01	3.8E-02	1.8E-11	3.5E+01	6.0E-07	1.0E-03	2.2E-08	1.6E-01	3.8E-02	1.3E-10
1.3E+01	1.9E-07	1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	2.9E+01	6.0E-07	1.0E-03	1.8E-08	1.6E-01	3.8E-02	1.1E-10
1.2E+01	1.9E-07	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.5E-11	2.4E+01	6.0E-07	1.0E-03	1.5E-08	1.6E-01	3.8E-02	9.0E-11
1.1E+01	1.9E-07	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	2.0E+01	6.0E-07	1.0E-03	1.3E-08	1.6E-01	3.8E-02	7.6E-11
9.9E+00	1.9E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	1.7E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.4E-11
9.0E+00	1.9E-07	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11	1.5E+01	6.0E-07	1.0E-03	9.1E-09	1.6E-01	3.8E-02	5.5E-11
8.1E+00	1.9E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.7E-12	1.3E+01	6.0E-07	1.0E-03	7.9E-09	1.6E-01	3.8E-02	4.8E-11
7.4E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.8E-12	1.1E+01	6.0E-07	1.0E-03	6.9E-09	1.6E-01	3.8E-02	4.1E-11
6.7E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.0E-12	9.6E+00	6.0E-07	1.0E-03	6.0E-09	1.6E-01	3.8E-02	3.6E-11
6.1E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.3E-12	8.5E+00	6.0E-07	1.0E-03	5.3E-09	1.6E-01	3.8E-02	3.2E-11
5.6E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.7E-12	7.5E+00	6.0E-07	1.0E-03	4.7E-09	1.6E-01	3.8E-02	2.8E-11
5.1E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.2E-12	6.7E+00	6.0E-07	1.0E-03	4.2E-09	1.6E-01	3.8E-02	2.5E-11
4.7E+00	1.9E-07	1.0E-03	9.4E-10	1.6E-01	3.8E-02	5.7E-12	6.0E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	3.8E-02	2.3E-11
1.4E+01	1.9E-07	1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.7E-11	1.6E+01	6.0E-07	1.0E-03	1.0E-08	1.6E-01	3.8E-02	6.1E-11
1.8E+01	1.9E-07	1.0E-03	3.5E-09	1.6E-01	3.8E-02	2.1E-11	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.2E-11
2.2E+01	1.9E-07	1.0E-03	4.3E-09	1.6E-01	3.8E-02	2.6E-11	3.0E+01	6.0E-07	1.0E-03	1.9E-08	1.6E-01	3.8E-02	1.1E-10
2.6E+01	1.9E-07	1.0E-03	5.2E-09	1.6E-01	3.8E-02	3.1E-11	4.3E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	3.8E-02	1.6E-10
3.1E+01	1.9E-07	1.0E-03	6.1E-09	1.6E-01	3.8E-02	3.7E-11	1.5E+01	6.0E-07	1.0E-03	9.6E-09	1.6E-01	3.8E-02	5.8E-11
3.4E+01	1.9E-07	1.0E-03	6.8E-09	1.6E-01	3.8E-02	4.1E-11	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.2E-11
3.5E+01	1.9E-07	1.0E-03	7.0E-09	1.6E-01	3.8E-02	4.2E-11	3.2E+01	6.0E-07	1.0E-03	2.0E-08	1.6E-01	3.8E-02	1.2E-10
3.3E+01	1.9E-07	1.0E-03	6.6E-09	1.6E-01	3.8E-02	4.0E-11	4.6E+01	6.0E-07	1.0E-03	2.9E-08	1.6E-01	3.8E-02	1.8E-10
3.0E+01	1.9E-07	1.0E-03	6.1E-09	1.6E-01	3.8E-02	3.7E-11	4.7E+01	6.0E-07	1.0E-03	3.0E-08	1.6E-01	3.8E-02	1.8E-10
2.7E+01	1.9E-07	1.0E-03	5.4E-09	1.6E-01	3.8E-02	3.3E-11	3.5E+01	6.0E-07	1.0E-03	2.2E-08	1.6E-01	3.8E-02	1.3E-10
2.4E+01	1.9E-07	1.0E-03	4.8E-09	1.6E-01	3.8E-02	2.9E-11	2.6E+01	6.0E-07	1.0E-03	1.7E-08	1.6E-01	3.8E-02	1.0E-10
2.1E+01	1.9E-07	1.0E-03	4.2E-09	1.6E-01	3.8E-02	2.5E-11	6.8E+01	6.0E-07	1.0E-03	4.3E-08	1.6E-01	3.8E-02	2.6E-10
1.9E+01	1.9E-07	1.0E-03	3.7E-09	1.6E-01	3.8E-02	2.3E-11	5.2E+01	6.0E-07	1.0E-03	3.2E-08	1.6E-01	3.8E-02	2.0E-10
1.7E+01	1.9E-07	1.0E-03	3.3E-09	1.6E-01	3.8E-02	2.0E-11	4.0E+01	6.0E-07	1.0E-03	2.5E-08	1.6E-01	3.8E-02	1.5E-10
1.5E+01	1.9E-07	1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.8E-11	3.2E+01	6.0E-07	1.0E-03	2.0E-08	1.6E-01	3.8E-02	1.2E-10
1.3E+01	1.9E-07	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11	2.6E+01	6.0E-07	1.0E-03	1.6E-08	1.6E-01	3.8E-02	9.7E-11
1.2E+01	1.9E-07	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	2.1E+01	6.0E-07	1.0E-03	1.3E-08	1.6E-01	3.8E-02	8.0E-11

1.0E+01	1.9E-07	1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.7E-11
9.4E+00	1.9E-07	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.1E-11	1.5E+01	6.0E-07	1.0E-03	9.4E-09	1.6E-01	3.8E-02	5.6E-11
8.4E+00	1.9E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	1.3E+01	6.0E-07	1.0E-03	8.0E-09	1.6E-01	3.8E-02	4.8E-11
7.6E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.1E-12	1.1E+01	6.0E-07	1.0E-03	6.9E-09	1.6E-01	3.8E-02	4.2E-11
6.9E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.2E-12	9.6E+00	6.0E-07	1.0E-03	6.0E-09	1.6E-01	3.8E-02	3.6E-11
6.2E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.5E-12	8.4E+00	6.0E-07	1.0E-03	5.3E-09	1.6E-01	3.8E-02	3.2E-11
5.7E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12	7.4E+00	6.0E-07	1.0E-03	4.7E-09	1.6E-01	3.8E-02	2.8E-11
5.2E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.2E-12	6.6E+00	6.0E-07	1.0E-03	4.2E-09	1.6E-01	3.8E-02	2.5E-11
4.8E+00	1.9E-07	1.0E-03	9.5E-10	1.6E-01	3.8E-02	5.7E-12	5.9E+00	6.0E-07	1.0E-03	3.7E-09	1.6E-01	3.8E-02	2.2E-11
1.8E+01	1.9E-07	1.0E-03	3.5E-09	1.6E-01	3.8E-02	2.1E-11	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.8E-11
2.3E+01	1.9E-07	1.0E-03	4.5E-09	1.6E-01	3.8E-02	2.7E-11	2.5E+01	6.0E-07	1.0E-03	1.6E-08	1.6E-01	3.8E-02	9.4E-11
2.9E+01	1.9E-07	1.0E-03	5.8E-09	1.6E-01	3.8E-02	3.5E-11	3.7E+01	6.0E-07	1.0E-03	2.3E-08	1.6E-01	3.8E-02	1.4E-10
3.8E+01	1.9E-07	1.0E-03	7.6E-09	1.6E-01	3.8E-02	4.6E-11	5.7E+01	6.0E-07	1.0E-03	3.6E-08	1.6E-01	3.8E-02	2.1E-10
4.8E+01	1.9E-07	1.0E-03	9.4E-09	1.6E-01	3.8E-02	5.7E-11	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.8E-11
5.4E+01	1.9E-07	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.5E-11	2.7E+01	6.0E-07	1.0E-03	1.7E-08	1.6E-01	3.8E-02	1.0E-10
5.3E+01	1.9E-07	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.4E-11	4.4E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	3.8E-02	1.6E-10
4.7E+01	1.9E-07	1.0E-03	9.3E-09	1.6E-01	3.8E-02	5.6E-11	0.0E+00	6.0E-07	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
4.0E+01	1.9E-07	1.0E-03	7.9E-09	1.6E-01	3.8E-02	4.8E-11	0.0E+00	6.0E-07	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
3.4E+01	1.9E-07	1.0E-03	6.7E-09	1.6E-01	3.8E-02	4.0E-11	4.3E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	3.8E-02	1.6E-10
2.9E+01	1.9E-07	1.0E-03	5.7E-09	1.6E-01	3.8E-02	3.4E-11	3.0E+01	6.0E-07	1.0E-03	1.9E-08	1.6E-01	3.8E-02	1.1E-10
2.4E+01	1.9E-07	1.0E-03	4.9E-09	1.6E-01	3.8E-02	2.9E-11	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.5E-11
2.1E+01	1.9E-07	1.0E-03	4.2E-09	1.6E-01	3.8E-02	2.5E-11	6.1E+01	6.0E-07	1.0E-03	3.9E-08	1.6E-01	3.8E-02	2.3E-10
1.8E+01	1.9E-07	1.0E-03	3.6E-09	1.6E-01	3.8E-02	2.2E-11	4.4E+01	6.0E-07	1.0E-03	2.8E-08	1.6E-01	3.8E-02	1.7E-10
1.6E+01	1.9E-07	1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	3.4E+01	6.0E-07	1.0E-03	2.1E-08	1.6E-01	3.8E-02	1.3E-10
1.4E+01	1.9E-07	1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11	2.7E+01	6.0E-07	1.0E-03	1.7E-08	1.6E-01	3.8E-02	1.0E-10
1.2E+01	1.9E-07	1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.2E-11
1.1E+01	1.9E-07	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.7E-11
9.7E+00	1.9E-07	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.2E-11	1.5E+01	6.0E-07	1.0E-03	9.4E-09	1.6E-01	3.8E-02	5.6E-11
8.7E+00	1.9E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	1.3E+01	6.0E-07	1.0E-03	7.9E-09	1.6E-01	3.8E-02	4.8E-11
7.8E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.3E-12	1.1E+01	6.0E-07	1.0E-03	6.8E-09	1.6E-01	3.8E-02	4.1E-11
7.0E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.4E-12	9.4E+00	6.0E-07	1.0E-03	5.9E-09	1.6E-01	3.8E-02	3.6E-11
6.3E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.6E-12	8.2E+00	6.0E-07	1.0E-03	5.2E-09	1.6E-01	3.8E-02	3.1E-11
5.7E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12	7.3E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	3.8E-02	2.8E-11
5.2E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.2E-12	6.5E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	3.8E-02	2.4E-11
4.8E+00	1.9E-07	1.0E-03	9.4E-10	1.6E-01	3.8E-02	5.7E-12	5.8E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	3.8E-02	2.2E-11
2.1E+01	1.9E-07	1.0E-03	4.2E-09	1.6E-01	3.8E-02	2.6E-11	1.9E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.2E-11
2.9E+01	1.9E-07	1.0E-03	5.7E-09	1.6E-01	3.8E-02	3.5E-11	2.7E+01	6.0E-07	1.0E-03	1.7E-08	1.6E-01	3.8E-02	1.0E-10
4.0E+01	1.9E-07	1.0E-03	8.0E-09	1.6E-01	3.8E-02	4.8E-11	4.1E+01	6.0E-07	1.0E-03	2.6E-08	1.6E-01	3.8E-02	1.6E-10
5.7E+01	1.9E-07	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.9E-11	1.3E+01	6.0E-07	1.0E-03	8.2E-09	1.6E-01	3.8E-02	5.0E-11
2.2E+01	1.9E-07	1.0E-03	4.5E-09	1.6E-01	3.8E-02	2.7E-11	2.0E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.5E-11
2.5E+01	1.9E-07	1.0E-03	4.9E-09	1.6E-01	3.8E-02	3.0E-11	3.1E+01	6.0E-07	1.0E-03	2.0E-08	1.6E-01	3.8E-02	1.2E-10
2.6E+01	1.9E-07	1.0E-03	5.1E-09	1.6E-01	3.8E-02	3.1E-11	0.0E+00	6.0E-07	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
6.8E+01	1.9E-07	1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.1E-11	0.0E+00	6.0E-07	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
5.2E+01	1.9E-07	1.0E-03	1.0E-08	1.6E-01	3.8E-02	6.2E-11	0.0E+00	6.0E-07	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00
4.1E+01	1.9E-07	1.0E-03	8.1E-09	1.6E-01	3.8E-02	4.9E-11	5.0E+01	6.0E-07	1.0E-03	3.1E-08	1.6E-01	3.8E-02	1.9E-10
3.3E+01	1.9E-07	1.0E-03	6.6E-09	1.6E-01	3.8E-02	4.0E-11	3.2E+01	6.0E-07	1.0E-03	2.0E-08	1.6E-01	3.8E-02	1.2E-10

2.8E+01	1.9E-07	1.0E-03	5.5E-09	1.6E-01	3.8E-02	3.3E-11	2.3E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.7E-11
2.3E+01	1.9E-07	1.0E-03	4.6E-09	1.6E-01	3.8E-02	2.8E-11	6.8E+01	6.0E-07	1.0E-03	4.3E-08	1.6E-01	3.8E-02	2.6E-10
2.0E+01	1.9E-07	1.0E-03	3.9E-09	1.6E-01	3.8E-02	2.4E-11	4.6E+01	6.0E-07	1.0E-03	2.9E-08	1.6E-01	3.8E-02	1.8E-10
1.7E+01	1.9E-07	1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.0E-11	3.4E+01	6.0E-07	1.0E-03	2.2E-08	1.6E-01	3.8E-02	1.3E-10
1.5E+01	1.9E-07	1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.8E-11	2.7E+01	6.0E-07	1.0E-03	1.7E-08	1.6E-01	3.8E-02	1.0E-10
1.3E+01	1.9E-07	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.5E-11	2.1E+01	6.0E-07	1.0E-03	1.3E-08	1.6E-01	3.8E-02	8.1E-11
1.1E+01	1.9E-07	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.6E-11
9.9E+00	1.9E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	1.5E+01	6.0E-07	1.0E-03	9.2E-09	1.6E-01	3.8E-02	5.5E-11
8.8E+00	1.9E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.1E-11	1.2E+01	6.0E-07	1.0E-03	7.8E-09	1.6E-01	3.8E-02	4.7E-11
7.8E+00	1.9E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.4E-12	1.1E+01	6.0E-07	1.0E-03	6.6E-09	1.6E-01	3.8E-02	4.0E-11
7.0E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.4E-12	9.2E+00	6.0E-07	1.0E-03	5.7E-09	1.6E-01	3.8E-02	3.5E-11
6.3E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.6E-12	8.0E+00	6.0E-07	1.0E-03	5.0E-09	1.6E-01	3.8E-02	3.0E-11
5.7E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12	7.0E+00	6.0E-07	1.0E-03	4.4E-09	1.6E-01	3.8E-02	2.7E-11
5.2E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.2E-12	6.3E+00	6.0E-07	1.0E-03	3.9E-09	1.6E-01	3.8E-02	2.4E-11
4.7E+00	1.9E-07	1.0E-03	9.4E-10	1.6E-01	3.8E-02	5.6E-12	5.6E+00	6.0E-07	1.0E-03	3.5E-09	1.6E-01	3.8E-02	2.1E-11
2.5E+01	1.9E-07	1.0E-03	5.0E-09	1.6E-01	3.8E-02	3.0E-11	1.9E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.2E-11
3.6E+01	1.9E-07	1.0E-03	7.1E-09	1.6E-01	3.8E-02	4.3E-11	2.7E+01	6.0E-07	1.0E-03	1.7E-08	1.6E-01	3.8E-02	1.0E-10
5.3E+01	1.9E-07	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.3E-11	4.2E+01	6.0E-07	1.0E-03	2.6E-08	1.6E-01	3.8E-02	1.6E-10
2.8E+01	1.9E-07	1.0E-03	5.5E-09	1.6E-01	3.8E-02	3.3E-11	1.3E+01	6.0E-07	1.0E-03	8.3E-09	1.6E-01	3.8E-02	5.0E-11
3.4E+01	1.9E-07	1.0E-03	6.8E-09	1.6E-01	3.8E-02	4.1E-11	2.0E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.5E-11
1.3E+01	1.9E-07	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11	2.1E+01	6.0E-07	1.0E-03	1.3E-08	1.6E-01	3.8E-02	7.8E-11
1.1E+01	1.9E-07	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	1.7E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.4E-11
1.0E+01	1.9E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	1.4E+01	6.0E-07	1.0E-03	8.8E-09	1.6E-01	3.8E-02	5.3E-11
8.8E+00	1.9E-07	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11	1.2E+01	6.0E-07	1.0E-03	7.4E-09	1.6E-01	3.8E-02	4.5E-11
7.8E+00	1.9E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.4E-12	1.0E+01	6.0E-07	1.0E-03	6.4E-09	1.6E-01	3.8E-02	3.8E-11
7.0E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.4E-12	8.8E+00	6.0E-07	1.0E-03	5.5E-09	1.6E-01	3.8E-02	3.3E-11
6.3E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.5E-12	7.7E+00	6.0E-07	1.0E-03	4.8E-09	1.6E-01	3.8E-02	2.9E-11
5.6E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12	6.8E+00	6.0E-07	1.0E-03	4.2E-09	1.6E-01	3.8E-02	2.6E-11
5.1E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.1E-12	6.0E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	3.8E-02	2.3E-11
4.6E+00	1.9E-07	1.0E-03	9.2E-10	1.6E-01	3.8E-02	5.6E-12	5.4E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.0E-11
2.9E+01	1.9E-07	1.0E-03	5.7E-09	1.6E-01	3.8E-02	3.4E-11	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.9E-11
4.2E+01	1.9E-07	1.0E-03	8.3E-09	1.6E-01	3.8E-02	5.0E-11	2.6E+01	6.0E-07	1.0E-03	1.6E-08	1.6E-01	3.8E-02	9.6E-11
6.4E+01	1.9E-07	1.0E-03	1.3E-08	1.6E-01	3.8E-02	7.7E-11	3.8E+01	6.0E-07	1.0E-03	2.4E-08	1.6E-01	3.8E-02	1.4E-10
4.2E+01	1.9E-07	1.0E-03	8.4E-09	1.6E-01	3.8E-02	5.0E-11	1.2E+01	6.0E-07	1.0E-03	7.8E-09	1.6E-01	3.8E-02	4.7E-11
5.7E+01	1.9E-07	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.8E-11	1.8E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.0E-11
1.3E+01	1.9E-07	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11	1.9E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.2E-11
1.1E+01	1.9E-07	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	1.6E+01	6.0E-07	1.0E-03	9.9E-09	1.6E-01	3.8E-02	5.9E-11
1.0E+01	1.9E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	1.3E+01	6.0E-07	1.0E-03	8.3E-09	1.6E-01	3.8E-02	5.0E-11
8.8E+00	1.9E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	1.1E+01	6.0E-07	1.0E-03	7.0E-09	1.6E-01	3.8E-02	4.2E-11
7.7E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.3E-12	9.6E+00	6.0E-07	1.0E-03	6.0E-09	1.6E-01	3.8E-02	3.6E-11
6.9E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.2E-12	8.3E+00	6.0E-07	1.0E-03	5.2E-09	1.6E-01	3.8E-02	3.1E-11
6.1E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.4E-12	7.3E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	3.8E-02	2.8E-11
5.5E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.6E-12	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	3.8E-02	2.4E-11
5.0E+00	1.9E-07	1.0E-03	9.9E-10	1.6E-01	3.8E-02	6.0E-12	5.7E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	3.8E-02	2.2E-11
4.5E+00	1.9E-07	1.0E-03	9.0E-10	1.6E-01	3.8E-02	5.4E-12	5.1E+00	6.0E-07	1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11
3.1E+01	1.9E-07	1.0E-03	6.2E-09	1.6E-01	3.8E-02	3.7E-11	1.6E+01	6.0E-07	1.0E-03	1.0E-08	1.6E-01	3.8E-02	6.2E-11

4.5E+01	1.9E-07	1.0E-03	9.0E-09	1.6E-01	3.8E-02	5.4E-11	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.4E-11
7.1E+01	1.9E-07	1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.5E-11	3.1E+01	6.0E-07	1.0E-03	1.9E-08	1.6E-01	3.8E-02	1.2E-10
1.7E+01	1.9E-07	1.0E-03	3.3E-09	1.6E-01	3.8E-02	2.0E-11	4.5E+01	6.0E-07	1.0E-03	2.8E-08	1.6E-01	3.8E-02	1.7E-10
2.0E+01	1.9E-07	1.0E-03	4.0E-09	1.6E-01	3.8E-02	2.4E-11	1.5E+01	6.0E-07	1.0E-03	9.6E-09	1.6E-01	3.8E-02	5.8E-11
1.3E+01	1.9E-07	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11	1.7E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.5E-11
1.1E+01	1.9E-07	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.4E-11	1.4E+01	6.0E-07	1.0E-03	9.0E-09	1.6E-01	3.8E-02	5.4E-11
9.8E+00	1.9E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	1.2E+01	6.0E-07	1.0E-03	7.6E-09	1.6E-01	3.8E-02	4.6E-11
8.6E+00	1.9E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	1.0E+01	6.0E-07	1.0E-03	6.5E-09	1.6E-01	3.8E-02	3.9E-11
7.6E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.1E-12	9.0E+00	6.0E-07	1.0E-03	5.6E-09	1.6E-01	3.8E-02	3.4E-11
6.7E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.1E-12	7.8E+00	6.0E-07	1.0E-03	4.9E-09	1.6E-01	3.8E-02	3.0E-11
6.0E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.2E-12	6.9E+00	6.0E-07	1.0E-03	4.3E-09	1.6E-01	3.8E-02	2.6E-11
5.4E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.4E-12	6.1E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	3.8E-02	2.3E-11
4.9E+00	1.9E-07	1.0E-03	9.6E-10	1.6E-01	3.8E-02	5.8E-12	5.4E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.0E-11
4.4E+00	1.9E-07	1.0E-03	8.8E-10	1.6E-01	3.8E-02	5.3E-12	4.9E+00	6.0E-07	1.0E-03	3.0E-09	1.6E-01	3.8E-02	1.8E-11
3.2E+01	1.9E-07	1.0E-03	6.4E-09	1.6E-01	3.8E-02	3.8E-11	1.5E+01	6.0E-07	1.0E-03	9.1E-09	1.6E-01	3.8E-02	5.5E-11
4.7E+01	1.9E-07	1.0E-03	9.4E-09	1.6E-01	3.8E-02	5.7E-11	1.9E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.1E-11
7.5E+01	1.9E-07	1.0E-03	1.5E-08	1.6E-01	3.8E-02	8.9E-11	2.5E+01	6.0E-07	1.0E-03	1.6E-08	1.6E-01	3.8E-02	9.3E-11
6.2E+01	1.9E-07	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.5E-11	3.3E+01	6.0E-07	1.0E-03	2.1E-08	1.6E-01	3.8E-02	1.2E-10
3.4E+01	1.9E-07	1.0E-03	6.7E-09	1.6E-01	3.8E-02	4.0E-11	4.4E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	3.8E-02	1.7E-10
1.3E+01	1.9E-07	1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11	1.5E+01	6.0E-07	1.0E-03	9.6E-09	1.6E-01	3.8E-02	5.8E-11
1.1E+01	1.9E-07	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	1.3E+01	6.0E-07	1.0E-03	8.1E-09	1.6E-01	3.8E-02	4.9E-11
9.5E+00	1.9E-07	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.1E-11	1.1E+01	6.0E-07	1.0E-03	7.0E-09	1.6E-01	3.8E-02	4.2E-11
8.3E+00	1.9E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	9.6E+00	6.0E-07	1.0E-03	6.0E-09	1.6E-01	3.8E-02	3.6E-11
7.3E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.8E-12	8.3E+00	6.0E-07	1.0E-03	5.2E-09	1.6E-01	3.8E-02	3.1E-11
6.5E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.8E-12	7.3E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	3.8E-02	2.8E-11
5.8E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.0E-12	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	3.8E-02	2.4E-11
5.2E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.2E-12	5.7E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	3.8E-02	2.2E-11
4.7E+00	1.9E-07	1.0E-03	9.3E-10	1.6E-01	3.8E-02	5.6E-12	5.1E+00	6.0E-07	1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11
4.3E+00	1.9E-07	1.0E-03	8.5E-10	1.6E-01	3.8E-02	5.1E-12	4.6E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.7E-11
3.2E+01	1.9E-07	1.0E-03	6.3E-09	1.6E-01	3.8E-02	3.8E-11	1.3E+01	6.0E-07	1.0E-03	7.9E-09	1.6E-01	3.8E-02	4.7E-11
4.7E+01	1.9E-07	1.0E-03	9.4E-09	1.6E-01	3.8E-02	5.6E-11	1.6E+01	6.0E-07	1.0E-03	9.8E-09	1.6E-01	3.8E-02	5.9E-11
7.4E+01	1.9E-07	1.0E-03	1.5E-08	1.6E-01	3.8E-02	8.9E-11	2.0E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.4E-11
6.2E+01	1.9E-07	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.5E-11	2.4E+01	6.0E-07	1.0E-03	1.5E-08	1.6E-01	3.8E-02	9.2E-11
3.0E+01	1.9E-07	1.0E-03	5.9E-09	1.6E-01	3.8E-02	3.6E-11	3.0E+01	6.0E-07	1.0E-03	1.9E-08	1.6E-01	3.8E-02	1.2E-10
1.2E+01	1.9E-07	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.5E-11	1.3E+01	6.0E-07	1.0E-03	8.4E-09	1.6E-01	3.8E-02	5.1E-11
1.1E+01	1.9E-07	1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11	1.2E+01	6.0E-07	1.0E-03	7.3E-09	1.6E-01	3.8E-02	4.4E-11
9.1E+00	1.9E-07	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11	1.0E+01	6.0E-07	1.0E-03	6.3E-09	1.6E-01	3.8E-02	3.8E-11
8.0E+00	1.9E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.6E-12	8.7E+00	6.0E-07	1.0E-03	5.5E-09	1.6E-01	3.8E-02	3.3E-11
7.0E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.4E-12	7.7E+00	6.0E-07	1.0E-03	4.8E-09	1.6E-01	3.8E-02	2.9E-11
6.2E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.5E-12	6.8E+00	6.0E-07	1.0E-03	4.2E-09	1.6E-01	3.8E-02	2.6E-11
5.6E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.7E-12	6.0E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	3.8E-02	2.3E-11
5.0E+00	1.9E-07	1.0E-03	9.9E-10	1.6E-01	3.8E-02	6.0E-12	5.3E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.0E-11
4.5E+00	1.9E-07	1.0E-03	9.0E-10	1.6E-01	3.8E-02	5.4E-12	4.8E+00	6.0E-07	1.0E-03	3.0E-09	1.6E-01	3.8E-02	1.8E-11
4.1E+00	1.9E-07	1.0E-03	8.1E-10	1.6E-01	3.8E-02	4.9E-12	4.3E+00	6.0E-07	1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11
3.0E+01	1.9E-07	1.0E-03	6.0E-09	1.6E-01	3.8E-02	3.6E-11	1.1E+01	6.0E-07	1.0E-03	6.7E-09	1.6E-01	3.8E-02	4.0E-11
4.5E+01	1.9E-07	1.0E-03	8.9E-09	1.6E-01	3.8E-02	5.3E-11	1.3E+01	6.0E-07	1.0E-03	8.1E-09	1.6E-01	3.8E-02	4.9E-11

7.0E+01	1.9E-07	1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.3E-11	1.6E+01	6.0E-07	1.0E-03	9.9E-09	1.6E-01	3.8E-02	5.9E-11
1.5E+01	1.9E-07	1.0E-03	3.0E-09	1.6E-01	3.8E-02	1.8E-11	1.9E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.1E-11
1.8E+01	1.9E-07	1.0E-03	3.5E-09	1.6E-01	3.8E-02	2.1E-11	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.5E-11
1.2E+01	1.9E-07	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	1.2E+01	6.0E-07	1.0E-03	7.4E-09	1.6E-01	3.8E-02	4.4E-11
1.0E+01	1.9E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	1.0E+01	6.0E-07	1.0E-03	6.5E-09	1.6E-01	3.8E-02	3.9E-11
8.7E+00	1.9E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	9.0E+00	6.0E-07	1.0E-03	5.7E-09	1.6E-01	3.8E-02	3.4E-11
7.6E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.1E-12	7.9E+00	6.0E-07	1.0E-03	5.0E-09	1.6E-01	3.8E-02	3.0E-11
6.7E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.0E-12	7.0E+00	6.0E-07	1.0E-03	4.4E-09	1.6E-01	3.8E-02	2.7E-11
6.0E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.1E-12	6.2E+00	6.0E-07	1.0E-03	3.9E-09	1.6E-01	3.8E-02	2.4E-11
5.3E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.4E-12	5.6E+00	6.0E-07	1.0E-03	3.5E-09	1.6E-01	3.8E-02	2.1E-11
4.8E+00	1.9E-07	1.0E-03	9.5E-10	1.6E-01	3.8E-02	5.7E-12	5.0E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	3.8E-02	1.9E-11
4.3E+00	1.9E-07	1.0E-03	8.6E-10	1.6E-01	3.8E-02	5.2E-12	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11
3.9E+00	1.9E-07	1.0E-03	7.8E-10	1.6E-01	3.8E-02	4.7E-12	4.1E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.5E-11
2.8E+01	1.9E-07	1.0E-03	5.5E-09	1.6E-01	3.8E-02	3.3E-11	9.1E+00	6.0E-07	1.0E-03	5.7E-09	1.6E-01	3.8E-02	3.4E-11
4.0E+01	1.9E-07	1.0E-03	7.9E-09	1.6E-01	3.8E-02	4.8E-11	1.1E+01	6.0E-07	1.0E-03	6.7E-09	1.6E-01	3.8E-02	4.0E-11
6.1E+01	1.9E-07	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.3E-11	1.3E+01	6.0E-07	1.0E-03	7.9E-09	1.6E-01	3.8E-02	4.8E-11
3.9E+01	1.9E-07	1.0E-03	7.7E-09	1.6E-01	3.8E-02	4.6E-11	1.5E+01	6.0E-07	1.0E-03	9.3E-09	1.6E-01	3.8E-02	5.6E-11
5.0E+01	1.9E-07	1.0E-03	1.0E-08	1.6E-01	3.8E-02	6.0E-11	1.7E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.5E-11
1.1E+01	1.9E-07	1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11	1.0E+01	6.0E-07	1.0E-03	6.5E-09	1.6E-01	3.8E-02	3.9E-11
9.3E+00	1.9E-07	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.1E-11	9.1E+00	6.0E-07	1.0E-03	5.7E-09	1.6E-01	3.8E-02	3.5E-11
8.2E+00	1.9E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.8E-12	8.1E+00	6.0E-07	1.0E-03	5.1E-09	1.6E-01	3.8E-02	3.1E-11
7.2E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.6E-12	7.2E+00	6.0E-07	1.0E-03	4.5E-09	1.6E-01	3.8E-02	2.7E-11
6.3E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.6E-12	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	3.8E-02	2.4E-11
5.7E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12	5.8E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	3.8E-02	2.2E-11
5.1E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.1E-12	5.2E+00	6.0E-07	1.0E-03	3.3E-09	1.6E-01	3.8E-02	2.0E-11
4.6E+00	1.9E-07	1.0E-03	9.1E-10	1.6E-01	3.8E-02	5.5E-12	4.7E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.8E-11
4.1E+00	1.9E-07	1.0E-03	8.2E-10	1.6E-01	3.8E-02	5.0E-12	4.2E+00	6.0E-07	1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11
3.7E+00	1.9E-07	1.0E-03	7.4E-10	1.6E-01	3.8E-02	4.5E-12	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.5E-11
2.4E+01	1.9E-07	1.0E-03	4.8E-09	1.6E-01	3.8E-02	2.9E-11	7.8E+00	6.0E-07	1.0E-03	4.9E-09	1.6E-01	3.8E-02	2.9E-11
3.4E+01	1.9E-07	1.0E-03	6.7E-09	1.6E-01	3.8E-02	4.0E-11	9.0E+00	6.0E-07	1.0E-03	5.6E-09	1.6E-01	3.8E-02	3.4E-11
5.0E+01	1.9E-07	1.0E-03	9.8E-09	1.6E-01	3.8E-02	5.9E-11	1.0E+01	6.0E-07	1.0E-03	6.5E-09	1.6E-01	3.8E-02	3.9E-11
2.6E+01	1.9E-07	1.0E-03	5.1E-09	1.6E-01	3.8E-02	3.1E-11	1.2E+01	6.0E-07	1.0E-03	7.5E-09	1.6E-01	3.8E-02	4.5E-11
3.1E+01	1.9E-07	1.0E-03	6.1E-09	1.6E-01	3.8E-02	3.7E-11	1.4E+01	6.0E-07	1.0E-03	8.6E-09	1.6E-01	3.8E-02	5.2E-11
9.9E+00	1.9E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	9.1E+00	6.0E-07	1.0E-03	5.7E-09	1.6E-01	3.8E-02	3.4E-11
8.7E+00	1.9E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	8.1E+00	6.0E-07	1.0E-03	5.1E-09	1.6E-01	3.8E-02	3.1E-11
7.6E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.1E-12	7.3E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	3.8E-02	2.8E-11
6.7E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.1E-12	6.6E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	3.8E-02	2.5E-11
6.0E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.2E-12	5.9E+00	6.0E-07	1.0E-03	3.7E-09	1.6E-01	3.8E-02	2.2E-11
5.3E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.4E-12	5.3E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.0E-11
4.8E+00	1.9E-07	1.0E-03	9.5E-10	1.6E-01	3.8E-02	5.7E-12	4.8E+00	6.0E-07	1.0E-03	3.0E-09	1.6E-01	3.8E-02	1.8E-11
4.3E+00	1.9E-07	1.0E-03	8.6E-10	1.6E-01	3.8E-02	5.2E-12	4.4E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11
3.9E+00	1.9E-07	1.0E-03	7.8E-10	1.6E-01	3.8E-02	4.7E-12	4.0E+00	6.0E-07	1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11
3.6E+00	1.9E-07	1.0E-03	7.1E-10	1.6E-01	3.8E-02	4.3E-12	3.6E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11
2.0E+01	1.9E-07	1.0E-03	4.1E-09	1.6E-01	3.8E-02	2.4E-11	6.7E+00	6.0E-07	1.0E-03	4.2E-09	1.6E-01	3.8E-02	2.5E-11
2.7E+01	1.9E-07	1.0E-03	5.4E-09	1.6E-01	3.8E-02	3.3E-11	7.7E+00	6.0E-07	1.0E-03	4.8E-09	1.6E-01	3.8E-02	2.9E-11
3.8E+01	1.9E-07	1.0E-03	7.5E-09	1.6E-01	3.8E-02	4.5E-11	8.8E+00	6.0E-07	1.0E-03	5.5E-09	1.6E-01	3.8E-02	3.3E-11

5.3E+01	1.9E-07	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.3E-11	1.0E+01	6.0E-07	1.0E-03	6.3E-09	1.6E-01	3.8E-02	3.8E-11
2.0E+01	1.9E-07	1.0E-03	4.1E-09	1.6E-01	3.8E-02	2.4E-11	1.1E+01	6.0E-07	1.0E-03	7.0E-09	1.6E-01	3.8E-02	4.2E-11
9.1E+00	1.9E-07	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11	8.0E+00	6.0E-07	1.0E-03	5.0E-09	1.6E-01	3.8E-02	3.0E-11
8.0E+00	1.9E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.6E-12	7.3E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	3.8E-02	2.8E-11
7.1E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.5E-12	6.6E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	3.8E-02	2.5E-11
6.3E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.5E-12	6.0E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	3.8E-02	2.3E-11
5.6E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.7E-12	5.4E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.1E-11
5.0E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.0E-12	4.9E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	3.8E-02	1.9E-11
4.5E+00	1.9E-07	1.0E-03	9.0E-10	1.6E-01	3.8E-02	5.4E-12	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11
4.1E+00	1.9E-07	1.0E-03	8.2E-10	1.6E-01	3.8E-02	4.9E-12	4.1E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11
3.7E+00	1.9E-07	1.0E-03	7.4E-10	1.6E-01	3.8E-02	4.5E-12	3.8E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.4E-11
3.4E+00	1.9E-07	1.0E-03	6.8E-10	1.6E-01	3.8E-02	4.1E-12	3.4E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11
1.7E+01	1.9E-07	1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.0E-11	5.9E+00	6.0E-07	1.0E-03	3.7E-09	1.6E-01	3.8E-02	2.2E-11
2.2E+01	1.9E-07	1.0E-03	4.3E-09	1.6E-01	3.8E-02	2.6E-11	6.6E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	3.8E-02	2.5E-11
2.8E+01	1.9E-07	1.0E-03	5.5E-09	1.6E-01	3.8E-02	3.3E-11	7.4E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	3.8E-02	2.8E-11
3.6E+01	1.9E-07	1.0E-03	7.1E-09	1.6E-01	3.8E-02	4.3E-11	8.3E+00	6.0E-07	1.0E-03	5.2E-09	1.6E-01	3.8E-02	3.1E-11
4.3E+01	1.9E-07	1.0E-03	8.4E-09	1.6E-01	3.8E-02	5.1E-11	9.2E+00	6.0E-07	1.0E-03	5.8E-09	1.6E-01	3.8E-02	3.5E-11
8.3E+00	1.9E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	7.1E+00	6.0E-07	1.0E-03	4.5E-09	1.6E-01	3.8E-02	2.7E-11
7.4E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.8E-12	6.6E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	3.8E-02	2.5E-11
6.5E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.8E-12	6.0E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	3.8E-02	2.3E-11
5.8E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.0E-12	5.5E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.1E-11
5.2E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.3E-12	5.0E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	3.8E-02	1.9E-11
4.7E+00	1.9E-07	1.0E-03	9.4E-10	1.6E-01	3.8E-02	5.7E-12	4.6E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.7E-11
4.3E+00	1.9E-07	1.0E-03	8.5E-10	1.6E-01	3.8E-02	5.1E-12	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11
3.9E+00	1.9E-07	1.0E-03	7.7E-10	1.6E-01	3.8E-02	4.7E-12	3.8E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.5E-11
3.5E+00	1.9E-07	1.0E-03	7.0E-10	1.6E-01	3.8E-02	4.2E-12	3.5E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11
3.2E+00	1.9E-07	1.0E-03	6.4E-10	1.6E-01	3.8E-02	3.9E-12	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11
1.4E+01	1.9E-07	1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11	5.2E+00	6.0E-07	1.0E-03	3.2E-09	1.6E-01	3.8E-02	2.0E-11
1.7E+01	1.9E-07	1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.0E-11	5.8E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	3.8E-02	2.2E-11
2.1E+01	1.9E-07	1.0E-03	4.2E-09	1.6E-01	3.8E-02	2.5E-11	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	3.8E-02	2.4E-11
2.5E+01	1.9E-07	1.0E-03	5.0E-09	1.6E-01	3.8E-02	3.0E-11	7.1E+00	6.0E-07	1.0E-03	4.4E-09	1.6E-01	3.8E-02	2.7E-11
2.8E+01	1.9E-07	1.0E-03	5.6E-09	1.6E-01	3.8E-02	3.4E-11	7.8E+00	6.0E-07	1.0E-03	4.9E-09	1.6E-01	3.8E-02	2.9E-11
7.6E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.1E-12	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	3.8E-02	2.4E-11
6.8E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.1E-12	5.9E+00	6.0E-07	1.0E-03	3.7E-09	1.6E-01	3.8E-02	2.2E-11
6.0E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.2E-12	5.4E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.1E-11
5.4E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.5E-12	5.0E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	3.8E-02	1.9E-11
4.9E+00	1.9E-07	1.0E-03	9.6E-10	1.6E-01	3.8E-02	5.8E-12	4.6E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.7E-11
4.4E+00	1.9E-07	1.0E-03	8.7E-10	1.6E-01	3.8E-02	5.3E-12	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11
4.0E+00	1.9E-07	1.0E-03	7.9E-10	1.6E-01	3.8E-02	4.8E-12	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.5E-11
3.7E+00	1.9E-07	1.0E-03	7.3E-10	1.6E-01	3.8E-02	4.4E-12	3.6E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11
3.3E+00	1.9E-07	1.0E-03	6.6E-10	1.6E-01	3.8E-02	4.0E-12	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11
3.0E+00	1.9E-07	1.0E-03	6.1E-10	1.6E-01	3.8E-02	3.7E-12	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.2E-11
1.2E+01	1.9E-07	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	4.6E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.7E-11
1.4E+01	1.9E-07	1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	5.1E+00	6.0E-07	1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11
1.6E+01	1.9E-07	1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	5.6E+00	6.0E-07	1.0E-03	3.5E-09	1.6E-01	3.8E-02	2.1E-11
1.8E+01	1.9E-07	1.0E-03	3.6E-09	1.6E-01	3.8E-02	2.2E-11	6.1E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	3.8E-02	2.3E-11

2.0E+01	1.9E-07	1.0E-03	4.0E-09	1.6E-01	3.8E-02	2.4E-11	6.6E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	3.8E-02	2.5E-11
6.9E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.3E-12	5.7E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	3.8E-02	2.2E-11
6.2E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.4E-12	5.3E+00	6.0E-07	1.0E-03	3.3E-09	1.6E-01	3.8E-02	2.0E-11
5.5E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.6E-12	4.9E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	3.8E-02	1.9E-11
5.0E+00	1.9E-07	1.0E-03	9.9E-10	1.6E-01	3.8E-02	6.0E-12	4.6E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.7E-11
4.5E+00	1.9E-07	1.0E-03	8.9E-10	1.6E-01	3.8E-02	5.3E-12	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11
4.0E+00	1.9E-07	1.0E-03	8.0E-10	1.6E-01	3.8E-02	4.8E-12	3.8E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.5E-11
3.7E+00	1.9E-07	1.0E-03	7.3E-10	1.6E-01	3.8E-02	4.4E-12	3.6E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11
3.4E+00	1.9E-07	1.0E-03	6.7E-10	1.6E-01	3.8E-02	4.1E-12	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11
3.1E+00	1.9E-07	1.0E-03	6.2E-10	1.6E-01	3.8E-02	3.7E-12	3.1E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.2E-11
2.9E+00	1.9E-07	1.0E-03	5.7E-10	1.6E-01	3.8E-02	3.4E-12	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11
9.6E+00	1.9E-07	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.2E-11	4.1E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.5E-11
1.1E+01	1.9E-07	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11
1.3E+01	1.9E-07	1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11	4.9E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	3.8E-02	1.9E-11
1.4E+01	1.9E-07	1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11	5.3E+00	6.0E-07	1.0E-03	3.3E-09	1.6E-01	3.8E-02	2.0E-11
1.5E+01	1.9E-07	1.0E-03	3.0E-09	1.6E-01	3.8E-02	1.8E-11	5.7E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	3.8E-02	2.2E-11
5.7E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12	4.9E+00	6.0E-07	1.0E-03	3.0E-09	1.6E-01	3.8E-02	1.8E-11
5.1E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.2E-12	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11
4.6E+00	1.9E-07	1.0E-03	9.2E-10	1.6E-01	3.8E-02	5.5E-12	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11
4.1E+00	1.9E-07	1.0E-03	8.1E-10	1.6E-01	3.8E-02	4.9E-12	3.8E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.4E-11
3.7E+00	1.9E-07	1.0E-03	7.3E-10	1.6E-01	3.8E-02	4.4E-12	3.5E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11
3.4E+00	1.9E-07	1.0E-03	6.7E-10	1.6E-01	3.8E-02	4.0E-12	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11
3.1E+00	1.9E-07	1.0E-03	6.2E-10	1.6E-01	3.8E-02	3.7E-12	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.1E-11
2.9E+00	1.9E-07	1.0E-03	5.7E-10	1.6E-01	3.8E-02	3.4E-12	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11
2.7E+00	1.9E-07	1.0E-03	5.3E-10	1.6E-01	3.8E-02	3.2E-12	2.6E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11
8.2E+00	1.9E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.8E-12	3.7E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11
9.3E+00	1.9E-07	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11	4.0E+00	6.0E-07	1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11
1.0E+01	1.9E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	4.3E+00	6.0E-07	1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11
1.1E+01	1.9E-07	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	4.7E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.8E-11
1.2E+01	1.9E-07	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.4E-11	5.0E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	3.8E-02	1.9E-11
4.8E+00	1.9E-07	1.0E-03	9.5E-10	1.6E-01	3.8E-02	5.7E-12	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11
4.3E+00	1.9E-07	1.0E-03	8.6E-10	1.6E-01	3.8E-02	5.2E-12	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.5E-11
3.9E+00	1.9E-07	1.0E-03	7.8E-10	1.6E-01	3.8E-02	4.7E-12	3.6E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.4E-11
3.6E+00	1.9E-07	1.0E-03	7.1E-10	1.6E-01	3.8E-02	4.3E-12	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11
3.3E+00	1.9E-07	1.0E-03	6.5E-10	1.6E-01	3.8E-02	3.9E-12	3.1E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.2E-11
3.0E+00	1.9E-07	1.0E-03	5.9E-10	1.6E-01	3.8E-02	3.6E-12	2.9E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11
2.7E+00	1.9E-07	1.0E-03	5.4E-10	1.6E-01	3.8E-02	3.3E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11
2.5E+00	1.9E-07	1.0E-03	5.0E-10	1.6E-01	3.8E-02	3.0E-12	2.5E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.3E-12
7.0E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.4E-12	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11
7.8E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.3E-12	3.6E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11
8.5E+00	1.9E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.5E-11
9.1E+00	1.9E-07	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11	4.1E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11
9.7E+00	1.9E-07	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.2E-11	4.4E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11
4.1E+00	1.9E-07	1.0E-03	8.1E-10	1.6E-01	3.8E-02	4.9E-12	3.6E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11
3.8E+00	1.9E-07	1.0E-03	7.5E-10	1.6E-01	3.8E-02	4.5E-12	3.4E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11
3.5E+00	1.9E-07	1.0E-03	6.9E-10	1.6E-01	3.8E-02	4.2E-12	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11

3.2E+00	1.9E-07	1.0E-03	6.3E-10	1.6E-01	3.8E-02	3.8E-12	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.1E-11
2.9E+00	1.9E-07	1.0E-03	5.8E-10	1.6E-01	3.8E-02	3.5E-12	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11
2.7E+00	1.9E-07	1.0E-03	5.3E-10	1.6E-01	3.8E-02	3.2E-12	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.8E-12
2.4E+00	1.9E-07	1.0E-03	4.8E-10	1.6E-01	3.8E-02	2.9E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.0E-12
6.0E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.2E-12	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.1E-11
6.6E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.9E-12	3.3E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11
7.1E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.5E-12	3.5E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11
7.6E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.1E-12	3.7E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11
8.0E+00	1.9E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.6E-12	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.5E-11
3.5E+00	1.9E-07	1.0E-03	7.1E-10	1.6E-01	3.8E-02	4.3E-12	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11
3.3E+00	1.9E-07	1.0E-03	6.5E-10	1.6E-01	3.8E-02	3.9E-12	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.1E-11
3.0E+00	1.9E-07	1.0E-03	6.0E-10	1.6E-01	3.8E-02	3.6E-12	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11
2.8E+00	1.9E-07	1.0E-03	5.6E-10	1.6E-01	3.8E-02	3.4E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11
2.6E+00	1.9E-07	1.0E-03	5.1E-10	1.6E-01	3.8E-02	3.1E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.4E-12
2.4E+00	1.9E-07	1.0E-03	4.7E-10	1.6E-01	3.8E-02	2.8E-12	2.3E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.7E-12
5.2E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.3E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11
5.7E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12	2.9E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11
6.1E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.3E-12	3.1E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11
6.5E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.7E-12	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11
6.8E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.1E-12	3.5E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11
3.3E+00	1.9E-07	1.0E-03	6.6E-10	1.6E-01	3.8E-02	4.0E-12	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.1E-11
3.1E+00	1.9E-07	1.0E-03	6.2E-10	1.6E-01	3.8E-02	3.7E-12	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11
2.9E+00	1.9E-07	1.0E-03	5.7E-10	1.6E-01	3.8E-02	3.4E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11
2.7E+00	1.9E-07	1.0E-03	5.3E-10	1.6E-01	3.8E-02	3.2E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.5E-12
2.5E+00	1.9E-07	1.0E-03	4.9E-10	1.6E-01	3.8E-02	3.0E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.9E-12
2.3E+00	1.9E-07	1.0E-03	4.5E-10	1.6E-01	3.8E-02	2.7E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.3E-12
4.6E+00	1.9E-07	1.0E-03	9.1E-10	1.6E-01	3.8E-02	5.5E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.5E-12
4.9E+00	1.9E-07	1.0E-03	9.8E-10	1.6E-01	3.8E-02	5.9E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11
5.3E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.3E-12	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11
5.6E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.7E-12	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.1E-11
5.8E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	6.9E-12	3.1E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11
3.1E+00	1.9E-07	1.0E-03	6.2E-10	1.6E-01	3.8E-02	3.8E-12	2.8E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.1E-11
2.9E+00	1.9E-07	1.0E-03	5.8E-10	1.6E-01	3.8E-02	3.5E-12	2.6E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11
2.7E+00	1.9E-07	1.0E-03	5.4E-10	1.6E-01	3.8E-02	3.3E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.5E-12
2.5E+00	1.9E-07	1.0E-03	5.0E-10	1.6E-01	3.8E-02	3.0E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.0E-12
2.4E+00	1.9E-07	1.0E-03	4.7E-10	1.6E-01	3.8E-02	2.8E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.5E-12
2.2E+00	1.9E-07	1.0E-03	4.4E-10	1.6E-01	3.8E-02	2.6E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.0E-12
4.1E+00	1.9E-07	1.0E-03	8.1E-10	1.6E-01	3.8E-02	4.9E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.7E-12
4.3E+00	1.9E-07	1.0E-03	8.6E-10	1.6E-01	3.8E-02	5.2E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.2E-12
4.6E+00	1.9E-07	1.0E-03	9.1E-10	1.6E-01	3.8E-02	5.5E-12	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.8E-12
4.8E+00	1.9E-07	1.0E-03	9.6E-10	1.6E-01	3.8E-02	5.8E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11
5.0E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.0E-12	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11
3.0E+00	1.9E-07	1.0E-03	5.9E-10	1.6E-01	3.8E-02	3.5E-12	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.8E-12
2.8E+00	1.9E-07	1.0E-03	5.5E-10	1.6E-01	3.8E-02	3.3E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.4E-12
2.6E+00	1.9E-07	1.0E-03	5.1E-10	1.6E-01	3.8E-02	3.1E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.9E-12
2.4E+00	1.9E-07	1.0E-03	4.8E-10	1.6E-01	3.8E-02	2.9E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.5E-12

2.3E+00	1.9E-07	1.0E-03	4.5E-10	1.6E-01	3.8E-02	2.7E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.1E-12
2.1E+00	1.9E-07	1.0E-03	4.2E-10	1.6E-01	3.8E-02	2.5E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.6E-12
3.6E+00	1.9E-07	1.0E-03	7.2E-10	1.6E-01	3.8E-02	4.3E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.0E-12
3.8E+00	1.9E-07	1.0E-03	7.6E-10	1.6E-01	3.8E-02	4.6E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.5E-12
4.1E+00	1.9E-07	1.0E-03	8.1E-10	1.6E-01	3.8E-02	4.9E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.9E-12
4.3E+00	1.9E-07	1.0E-03	8.5E-10	1.6E-01	3.8E-02	5.1E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.4E-12
4.4E+00	1.9E-07	1.0E-03	8.8E-10	1.6E-01	3.8E-02	5.3E-12	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.8E-12
2.8E+00	1.9E-07	1.0E-03	5.5E-10	1.6E-01	3.8E-02	3.3E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.2E-12
2.6E+00	1.9E-07	1.0E-03	5.2E-10	1.6E-01	3.8E-02	3.1E-12	2.3E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.8E-12
2.5E+00	1.9E-07	1.0E-03	4.9E-10	1.6E-01	3.8E-02	2.9E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.4E-12
2.3E+00	1.9E-07	1.0E-03	4.6E-10	1.6E-01	3.8E-02	2.8E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.0E-12
2.2E+00	1.9E-07	1.0E-03	4.3E-10	1.6E-01	3.8E-02	2.6E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.7E-12
2.0E+00	1.9E-07	1.0E-03	4.0E-10	1.6E-01	3.8E-02	2.4E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.3E-12
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3.4E+00	1.9E-07	1.0E-03	6.8E-10	1.6E-01	3.8E-02	4.1E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.8E-12
3.6E+00	1.9E-07	1.0E-03	7.2E-10	1.6E-01	3.8E-02	4.3E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.2E-12
3.8E+00	1.9E-07	1.0E-03	7.5E-10	1.6E-01	3.8E-02	4.5E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.6E-12
3.9E+00	1.9E-07	1.0E-03	7.8E-10	1.6E-01	3.8E-02	4.7E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.9E-12
4.0E+00	1.9E-07	1.0E-03	8.0E-10	1.6E-01	3.8E-02	4.8E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.2E-12
4.1E+00	1.9E-07	1.0E-03	8.1E-10	1.6E-01	3.8E-02	4.9E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.5E-12
4.1E+00	1.9E-07	1.0E-03	8.2E-10	1.6E-01	3.8E-02	5.0E-12	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.8E-12
4.1E+00	1.9E-07	1.0E-03	8.2E-10	1.6E-01	3.8E-02	5.0E-12	2.6E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11
4.1E+00	1.9E-07	1.0E-03	8.2E-10	1.6E-01	3.8E-02	4.9E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11
4.0E+00	1.9E-07	1.0E-03	8.0E-10	1.6E-01	3.8E-02	4.8E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11
3.9E+00	1.9E-07	1.0E-03	7.8E-10	1.6E-01	3.8E-02	4.7E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11
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3.7E+00	1.9E-07	1.0E-03	7.4E-10	1.6E-01	3.8E-02	4.4E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11
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3.4E+00	1.9E-07	1.0E-03	6.8E-10	1.6E-01	3.8E-02	4.1E-12	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.9E-12
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3.1E+00	1.9E-07	1.0E-03	6.1E-10	1.6E-01	3.8E-02	3.7E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.4E-12
2.9E+00	1.9E-07	1.0E-03	5.8E-10	1.6E-01	3.8E-02	3.5E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.2E-12
2.8E+00	1.9E-07	1.0E-03	5.5E-10	1.6E-01	3.8E-02	3.3E-12	2.3E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.9E-12
2.6E+00	1.9E-07	1.0E-03	5.2E-10	1.6E-01	3.8E-02	3.1E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.6E-12
2.5E+00	1.9E-07	1.0E-03	4.9E-10	1.6E-01	3.8E-02	3.0E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.3E-12
2.3E+00	1.9E-07	1.0E-03	4.6E-10	1.6E-01	3.8E-02	2.8E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.9E-12
2.2E+00	1.9E-07	1.0E-03	4.4E-10	1.6E-01	3.8E-02	2.6E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.6E-12
2.1E+00	1.9E-07	1.0E-03	4.1E-10	1.6E-01	3.8E-02	2.5E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.3E-12
1.9E+00	1.9E-07	1.0E-03	3.9E-10	1.6E-01	3.8E-02	2.3E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.9E-12
2.9E+00	1.9E-07	1.0E-03	5.8E-10	1.6E-01	3.8E-02	3.5E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.9E-12
3.1E+00	1.9E-07	1.0E-03	6.1E-10	1.6E-01	3.8E-02	3.7E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.2E-12
3.2E+00	1.9E-07	1.0E-03	6.4E-10	1.6E-01	3.8E-02	3.9E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.5E-12
3.4E+00	1.9E-07	1.0E-03	6.7E-10	1.6E-01	3.8E-02	4.0E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.9E-12
3.5E+00	1.9E-07	1.0E-03	6.9E-10	1.6E-01	3.8E-02	4.2E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.2E-12
3.6E+00	1.9E-07	1.0E-03	7.1E-10	1.6E-01	3.8E-02	4.3E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.5E-12
3.7E+00	1.9E-07	1.0E-03	7.3E-10	1.6E-01	3.8E-02	4.4E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.7E-12

3.7E+00	1.9E-07	1.0E-03	7.4E-10	1.6E-01	3.8E-02	4.4E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.9E-12
3.7E+00	1.9E-07	1.0E-03	7.4E-10	1.6E-01	3.8E-02	4.4E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.1E-12
3.7E+00	1.9E-07	1.0E-03	7.3E-10	1.6E-01	3.8E-02	4.4E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.3E-12
3.6E+00	1.9E-07	1.0E-03	7.2E-10	1.6E-01	3.8E-02	4.4E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.3E-12
3.6E+00	1.9E-07	1.0E-03	7.1E-10	1.6E-01	3.8E-02	4.3E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.4E-12
3.5E+00	1.9E-07	1.0E-03	6.9E-10	1.6E-01	3.8E-02	4.2E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.4E-12
3.4E+00	1.9E-07	1.0E-03	6.7E-10	1.6E-01	3.8E-02	4.1E-12	2.5E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.3E-12
3.3E+00	1.9E-07	1.0E-03	6.5E-10	1.6E-01	3.8E-02	3.9E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.3E-12
3.1E+00	1.9E-07	1.0E-03	6.3E-10	1.6E-01	3.8E-02	3.8E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.1E-12
3.0E+00	1.9E-07	1.0E-03	6.0E-10	1.6E-01	3.8E-02	3.6E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.0E-12
2.9E+00	1.9E-07	1.0E-03	5.7E-10	1.6E-01	3.8E-02	3.5E-12	2.3E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.8E-12
2.7E+00	1.9E-07	1.0E-03	5.5E-10	1.6E-01	3.8E-02	3.3E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.5E-12
2.6E+00	1.9E-07	1.0E-03	5.2E-10	1.6E-01	3.8E-02	3.1E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.3E-12
2.5E+00	1.9E-07	1.0E-03	4.9E-10	1.6E-01	3.8E-02	3.0E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.0E-12
2.3E+00	1.9E-07	1.0E-03	4.6E-10	1.6E-01	3.8E-02	2.8E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.7E-12
2.2E+00	1.9E-07	1.0E-03	4.4E-10	1.6E-01	3.8E-02	2.6E-12	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.5E-12
2.1E+00	1.9E-07	1.0E-03	4.2E-10	1.6E-01	3.8E-02	2.5E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.2E-12
2.0E+00	1.9E-07	1.0E-03	3.9E-10	1.6E-01	3.8E-02	2.4E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.9E-12
1.9E+00	1.9E-07	1.0E-03	3.7E-10	1.6E-01	3.8E-02	2.2E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.6E-12
2.7E+00	1.9E-07	1.0E-03	5.3E-10	1.6E-01	3.8E-02	3.2E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.4E-12
2.8E+00	1.9E-07	1.0E-03	5.5E-10	1.6E-01	3.8E-02	3.3E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.7E-12
2.9E+00	1.9E-07	1.0E-03	5.8E-10	1.6E-01	3.8E-02	3.5E-12	1.8E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.0E-12
3.0E+00	1.9E-07	1.0E-03	6.0E-10	1.6E-01	3.8E-02	3.6E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.3E-12
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3.3E+00	1.9E-07	1.0E-03	6.6E-10	1.6E-01	3.8E-02	4.0E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.4E-12
3.3E+00	1.9E-07	1.0E-03	6.6E-10	1.6E-01	3.8E-02	4.0E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.5E-12
3.3E+00	1.9E-07	1.0E-03	6.6E-10	1.6E-01	3.8E-02	4.0E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.6E-12
3.3E+00	1.9E-07	1.0E-03	6.5E-10	1.6E-01	3.8E-02	3.9E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.6E-12
3.2E+00	1.9E-07	1.0E-03	6.3E-10	1.6E-01	3.8E-02	3.8E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.6E-12
3.1E+00	1.9E-07	1.0E-03	6.2E-10	1.6E-01	3.8E-02	3.7E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.6E-12
3.0E+00	1.9E-07	1.0E-03	6.0E-10	1.6E-01	3.8E-02	3.6E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.6E-12
2.9E+00	1.9E-07	1.0E-03	5.8E-10	1.6E-01	3.8E-02	3.5E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.5E-12
2.8E+00	1.9E-07	1.0E-03	5.6E-10	1.6E-01	3.8E-02	3.4E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.3E-12
2.7E+00	1.9E-07	1.0E-03	5.3E-10	1.6E-01	3.8E-02	3.2E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.2E-12
2.6E+00	1.9E-07	1.0E-03	5.1E-10	1.6E-01	3.8E-02	3.1E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.0E-12
2.4E+00	1.9E-07	1.0E-03	4.9E-10	1.6E-01	3.8E-02	2.9E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.7E-12
2.3E+00	1.9E-07	1.0E-03	4.6E-10	1.6E-01	3.8E-02	2.8E-12	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.5E-12
2.2E+00	1.9E-07	1.0E-03	4.4E-10	1.6E-01	3.8E-02	2.6E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.3E-12
2.1E+00	1.9E-07	1.0E-03	4.2E-10	1.6E-01	3.8E-02	2.5E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.0E-12
2.0E+00	1.9E-07	1.0E-03	4.0E-10	1.6E-01	3.8E-02	2.4E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12
1.9E+00	1.9E-07	1.0E-03	3.7E-10	1.6E-01	3.8E-02	2.3E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.5E-12
1.8E+00	1.9E-07	1.0E-03	3.5E-10	1.6E-01	3.8E-02	2.1E-12	1.7E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.3E-12
2.4E+00	1.9E-07	1.0E-03	4.8E-10	1.6E-01	3.8E-02	2.9E-12	1.6E+00	6.0E-07	1.0E-03	9.8E-10	1.6E-01	3.8E-02	5.9E-12

2.5E+00	1.9E-07	1.0E-03	5.0E-10	1.6E-01	3.8E-02	3.0E-12	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.2E-12
2.6E+00	1.9E-07	1.0E-03	5.3E-10	1.6E-01	3.8E-02	3.2E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.5E-12
2.7E+00	1.9E-07	1.0E-03	5.5E-10	1.6E-01	3.8E-02	3.3E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.7E-12
2.8E+00	1.9E-07	1.0E-03	5.6E-10	1.6E-01	3.8E-02	3.4E-12	1.8E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.0E-12
2.9E+00	1.9E-07	1.0E-03	5.8E-10	1.6E-01	3.8E-02	3.5E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.2E-12
3.0E+00	1.9E-07	1.0E-03	5.9E-10	1.6E-01	3.8E-02	3.6E-12	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.4E-12
3.0E+00	1.9E-07	1.0E-03	6.0E-10	1.6E-01	3.8E-02	3.6E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.6E-12
3.0E+00	1.9E-07	1.0E-03	6.0E-10	1.6E-01	3.8E-02	3.6E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.7E-12
3.0E+00	1.9E-07	1.0E-03	6.0E-10	1.6E-01	3.8E-02	3.6E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.8E-12
3.0E+00	1.9E-07	1.0E-03	6.0E-10	1.6E-01	3.8E-02	3.6E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.9E-12
3.0E+00	1.9E-07	1.0E-03	5.9E-10	1.6E-01	3.8E-02	3.6E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.0E-12
2.9E+00	1.9E-07	1.0E-03	5.8E-10	1.6E-01	3.8E-02	3.5E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.0E-12
2.9E+00	1.9E-07	1.0E-03	5.7E-10	1.6E-01	3.8E-02	3.4E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.0E-12
2.8E+00	1.9E-07	1.0E-03	5.5E-10	1.6E-01	3.8E-02	3.3E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.9E-12
2.7E+00	1.9E-07	1.0E-03	5.3E-10	1.6E-01	3.8E-02	3.2E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.8E-12
2.6E+00	1.9E-07	1.0E-03	5.2E-10	1.6E-01	3.8E-02	3.1E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.7E-12
2.5E+00	1.9E-07	1.0E-03	5.0E-10	1.6E-01	3.8E-02	3.0E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.6E-12
2.4E+00	1.9E-07	1.0E-03	4.8E-10	1.6E-01	3.8E-02	2.9E-12	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.4E-12
2.3E+00	1.9E-07	1.0E-03	4.6E-10	1.6E-01	3.8E-02	2.7E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.3E-12
2.2E+00	1.9E-07	1.0E-03	4.3E-10	1.6E-01	3.8E-02	2.6E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.1E-12
2.1E+00	1.9E-07	1.0E-03	4.1E-10	1.6E-01	3.8E-02	2.5E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12
2.0E+00	1.9E-07	1.0E-03	4.0E-10	1.6E-01	3.8E-02	2.4E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.6E-12
1.9E+00	1.9E-07	1.0E-03	3.8E-10	1.6E-01	3.8E-02	2.3E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.4E-12
1.8E+00	1.9E-07	1.0E-03	3.6E-10	1.6E-01	3.8E-02	2.2E-12	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.2E-12
1.7E+00	1.9E-07	1.0E-03	3.4E-10	1.6E-01	3.8E-02	2.0E-12	1.6E+00	6.0E-07	1.0E-03	9.9E-10	1.6E-01	3.8E-02	6.0E-12
2.2E+00	1.9E-07	1.0E-03	4.4E-10	1.6E-01	3.8E-02	2.7E-12	1.5E+00	6.0E-07	1.0E-03	9.2E-10	1.6E-01	3.8E-02	5.5E-12
2.3E+00	1.9E-07	1.0E-03	4.6E-10	1.6E-01	3.8E-02	2.8E-12	1.5E+00	6.0E-07	1.0E-03	9.6E-10	1.6E-01	3.8E-02	5.8E-12
2.4E+00	1.9E-07	1.0E-03	4.8E-10	1.6E-01	3.8E-02	2.9E-12	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.0E-12
2.5E+00	1.9E-07	1.0E-03	5.0E-10	1.6E-01	3.8E-02	3.0E-12	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.2E-12
2.6E+00	1.9E-07	1.0E-03	5.1E-10	1.6E-01	3.8E-02	3.1E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.4E-12
2.6E+00	1.9E-07	1.0E-03	5.3E-10	1.6E-01	3.8E-02	3.2E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.6E-12
2.7E+00	1.9E-07	1.0E-03	5.4E-10	1.6E-01	3.8E-02	3.2E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12
2.7E+00	1.9E-07	1.0E-03	5.4E-10	1.6E-01	3.8E-02	3.3E-12	1.8E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.0E-12
2.8E+00	1.9E-07	1.0E-03	5.5E-10	1.6E-01	3.8E-02	3.3E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.1E-12
2.8E+00	1.9E-07	1.0E-03	5.5E-10	1.6E-01	3.8E-02	3.3E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.2E-12
2.7E+00	1.9E-07	1.0E-03	5.5E-10	1.6E-01	3.8E-02	3.3E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.3E-12
2.7E+00	1.9E-07	1.0E-03	5.4E-10	1.6E-01	3.8E-02	3.3E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.4E-12
2.7E+00	1.9E-07	1.0E-03	5.3E-10	1.6E-01	3.8E-02	3.2E-12	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.4E-12
2.6E+00	1.9E-07	1.0E-03	5.2E-10	1.6E-01	3.8E-02	3.1E-12	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.4E-12
2.6E+00	1.9E-07	1.0E-03	5.1E-10	1.6E-01	3.8E-02	3.1E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.4E-12
2.5E+00	1.9E-07	1.0E-03	5.0E-10	1.6E-01	3.8E-02	3.0E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.3E-12
2.4E+00	1.9E-07	1.0E-03	4.8E-10	1.6E-01	3.8E-02	2.9E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.2E-12
2.3E+00	1.9E-07	1.0E-03	4.6E-10	1.6E-01	3.8E-02	2.8E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.1E-12
2.2E+00	1.9E-07	1.0E-03	4.5E-10	1.6E-01	3.8E-02	2.7E-12	1.8E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.0E-12
2.2E+00	1.9E-07	1.0E-03	4.3E-10	1.6E-01	3.8E-02	2.6E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12
2.1E+00	1.9E-07	1.0E-03	4.1E-10	1.6E-01	3.8E-02	2.5E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.6E-12

2.0E+00	1.9E-07	1.0E-03	3.9E-10	1.6E-01	3.8E-02	2.4E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.4E-12
1.9E+00	1.9E-07	1.0E-03	3.7E-10	1.6E-01	3.8E-02	2.3E-12	1.7E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.3E-12
1.8E+00	1.9E-07	1.0E-03	3.6E-10	1.6E-01	3.8E-02	2.2E-12	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.1E-12
1.7E+00	1.9E-07	1.0E-03	3.4E-10	1.6E-01	3.8E-02	2.1E-12	1.6E+00	6.0E-07	1.0E-03	9.7E-10	1.6E-01	3.8E-02	5.9E-12
1.6E+00	1.9E-07	1.0E-03	3.2E-10	1.6E-01	3.8E-02	2.0E-12	1.5E+00	6.0E-07	1.0E-03	9.4E-10	1.6E-01	3.8E-02	5.7E-12
2.0E+00	1.9E-07	1.0E-03	4.0E-10	1.6E-01	3.8E-02	2.4E-12	1.4E+00	6.0E-07	1.0E-03	8.6E-10	1.6E-01	3.8E-02	5.2E-12
2.1E+00	1.9E-07	1.0E-03	4.2E-10	1.6E-01	3.8E-02	2.5E-12	1.4E+00	6.0E-07	1.0E-03	9.0E-10	1.6E-01	3.8E-02	5.4E-12
2.2E+00	1.9E-07	1.0E-03	4.4E-10	1.6E-01	3.8E-02	2.6E-12	1.5E+00	6.0E-07	1.0E-03	9.3E-10	1.6E-01	3.8E-02	5.6E-12
2.3E+00	1.9E-07	1.0E-03	4.5E-10	1.6E-01	3.8E-02	2.7E-12	1.5E+00	6.0E-07	1.0E-03	9.6E-10	1.6E-01	3.8E-02	5.8E-12
2.4E+00	1.9E-07	1.0E-03	4.7E-10	1.6E-01	3.8E-02	2.8E-12	1.6E+00	6.0E-07	1.0E-03	9.9E-10	1.6E-01	3.8E-02	6.0E-12
2.4E+00	1.9E-07	1.0E-03	4.8E-10	1.6E-01	3.8E-02	2.9E-12	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.2E-12
2.5E+00	1.9E-07	1.0E-03	4.9E-10	1.6E-01	3.8E-02	2.9E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.3E-12
2.5E+00	1.9E-07	1.0E-03	5.0E-10	1.6E-01	3.8E-02	3.0E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.5E-12
2.5E+00	1.9E-07	1.0E-03	5.0E-10	1.6E-01	3.8E-02	3.0E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.6E-12
2.5E+00	1.9E-07	1.0E-03	5.0E-10	1.6E-01	3.8E-02	3.0E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.7E-12
2.5E+00	1.9E-07	1.0E-03	5.0E-10	1.6E-01	3.8E-02	3.0E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12
2.5E+00	1.9E-07	1.0E-03	5.0E-10	1.6E-01	3.8E-02	3.0E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12
2.5E+00	1.9E-07	1.0E-03	4.9E-10	1.6E-01	3.8E-02	3.0E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.9E-12
2.4E+00	1.9E-07	1.0E-03	4.8E-10	1.6E-01	3.8E-02	2.9E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.9E-12
2.4E+00	1.9E-07	1.0E-03	4.7E-10	1.6E-01	3.8E-02	2.8E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12
2.3E+00	1.9E-07	1.0E-03	4.6E-10	1.6E-01	3.8E-02	2.8E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12
2.3E+00	1.9E-07	1.0E-03	4.5E-10	1.6E-01	3.8E-02	2.7E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.7E-12
2.2E+00	1.9E-07	1.0E-03	4.3E-10	1.6E-01	3.8E-02	2.6E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.6E-12
2.1E+00	1.9E-07	1.0E-03	4.2E-10	1.6E-01	3.8E-02	2.5E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.5E-12
2.0E+00	1.9E-07	1.0E-03	4.0E-10	1.6E-01	3.8E-02	2.4E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.4E-12
1.9E+00	1.9E-07	1.0E-03	3.9E-10	1.6E-01	3.8E-02	2.3E-12	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.2E-12
1.9E+00	1.9E-07	1.0E-03	3.7E-10	1.6E-01	3.8E-02	2.2E-12	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.1E-12
1.8E+00	1.9E-07	1.0E-03	3.6E-10	1.6E-01	3.8E-02	2.1E-12	1.6E+00	6.0E-07	1.0E-03	9.8E-10	1.6E-01	3.8E-02	5.9E-12
1.7E+00	1.9E-07	1.0E-03	3.4E-10	1.6E-01	3.8E-02	2.1E-12	1.5E+00	6.0E-07	1.0E-03	9.5E-10	1.6E-01	3.8E-02	5.7E-12
1.6E+00	1.9E-07	1.0E-03	3.3E-10	1.6E-01	3.8E-02	2.0E-12	1.5E+00	6.0E-07	1.0E-03	9.2E-10	1.6E-01	3.8E-02	5.6E-12
1.6E+00	1.9E-07	1.0E-03	3.1E-10	1.6E-01	3.8E-02	1.9E-12	1.4E+00	6.0E-07	1.0E-03	8.9E-10	1.6E-01	3.8E-02	5.4E-12

Franklin School Project

Risk From Portable Set-up - Mitigated Residential

Haul Route 1A							Haul Route 2A						
Conc	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
3.4E-01	1.2E-06	1.0E-03	4.4E-10	1.6E-01	3.8E-02	2.6E-12	3.9E+00	1.3E-07	1.0E-03	5.4E-10	1.6E-01	3.8E-02	3.2E-12
3.9E-01	1.2E-06	1.0E-03	5.0E-10	1.6E-01	3.8E-02	3.0E-12	4.4E+00	1.3E-07	1.0E-03	6.0E-10	1.6E-01	3.8E-02	3.6E-12
4.5E-01	1.2E-06	1.0E-03	5.8E-10	1.6E-01	3.8E-02	3.5E-12	4.7E+00	1.3E-07	1.0E-03	6.5E-10	1.6E-01	3.8E-02	3.9E-12
5.2E-01	1.2E-06	1.0E-03	6.6E-10	1.6E-01	3.8E-02	4.0E-12	4.8E+00	1.3E-07	1.0E-03	6.7E-10	1.6E-01	3.8E-02	4.0E-12
5.8E-01	1.2E-06	1.0E-03	7.5E-10	1.6E-01	3.8E-02	4.5E-12	4.8E+00	1.3E-07	1.0E-03	6.7E-10	1.6E-01	3.8E-02	4.0E-12
6.5E-01	1.2E-06	1.0E-03	8.3E-10	1.6E-01	3.8E-02	5.0E-12	4.7E+00	1.3E-07	1.0E-03	6.5E-10	1.6E-01	3.8E-02	3.9E-12
7.1E-01	1.2E-06	1.0E-03	9.1E-10	1.6E-01	3.8E-02	5.5E-12	4.3E+00	1.3E-07	1.0E-03	5.9E-10	1.6E-01	3.8E-02	3.6E-12
7.7E-01	1.2E-06	1.0E-03	9.9E-10	1.6E-01	3.8E-02	6.0E-12	3.6E+00	1.3E-07	1.0E-03	5.0E-10	1.6E-01	3.8E-02	3.0E-12
8.4E-01	1.2E-06	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.5E-12	2.8E+00	1.3E-07	1.0E-03	3.9E-10	1.6E-01	3.8E-02	2.4E-12
9.2E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.1E-12	2.2E+00	1.3E-07	1.0E-03	3.0E-10	1.6E-01	3.8E-02	1.8E-12
9.9E-01	1.2E-06	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.7E-12	1.6E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12
1.0E+00	1.2E-06	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.0E-12	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12
1.0E+00	1.2E-06	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.1E-12	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.3E-13
1.0E+00	1.2E-06	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.9E-12	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.7E-13
9.5E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.4E-12	6.5E-01	1.3E-07	1.0E-03	9.0E-11	1.6E-01	3.8E-02	5.4E-13
8.8E-01	1.2E-06	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	3.8E-02	4.5E-13
3.9E-01	1.2E-06	1.0E-03	5.1E-10	1.6E-01	3.8E-02	3.0E-12	8.3E+00	1.3E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.9E-12
4.7E-01	1.2E-06	1.0E-03	6.0E-10	1.6E-01	3.8E-02	3.6E-12	8.9E+00	1.3E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.5E-12
5.5E-01	1.2E-06	1.0E-03	7.1E-10	1.6E-01	3.8E-02	4.3E-12	9.3E+00	1.3E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.8E-12
6.5E-01	1.2E-06	1.0E-03	8.4E-10	1.6E-01	3.8E-02	5.1E-12	9.5E+00	1.3E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.9E-12
7.6E-01	1.2E-06	1.0E-03	9.8E-10	1.6E-01	3.8E-02	5.9E-12	9.4E+00	1.3E-07	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.9E-12
8.7E-01	1.2E-06	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12	9.0E+00	1.3E-07	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.5E-12
9.7E-01	1.2E-06	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.6E-12	7.7E+00	1.3E-07	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.4E-12
1.1E+00	1.2E-06	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.4E-12	5.3E+00	1.3E-07	1.0E-03	7.3E-10	1.6E-01	3.8E-02	4.4E-12
1.2E+00	1.2E-06	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.4E-12	3.4E+00	1.3E-07	1.0E-03	4.8E-10	1.6E-01	3.8E-02	2.9E-12
1.3E+00	1.2E-06	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	2.3E+00	1.3E-07	1.0E-03	3.2E-10	1.6E-01	3.8E-02	1.9E-12
1.4E+00	1.2E-06	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12
1.4E+00	1.2E-06	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12
1.4E+00	1.2E-06	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11	9.4E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.9E-13
1.3E+00	1.2E-06	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.9E-12	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.2E-13
1.2E+00	1.2E-06	1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.9E-12	6.1E-01	1.3E-07	1.0E-03	8.4E-11	1.6E-01	3.8E-02	5.0E-13
1.0E+00	1.2E-06	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.9E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	3.8E-02	4.2E-13
4.5E-01	1.2E-06	1.0E-03	5.9E-10	1.6E-01	3.8E-02	3.5E-12	6.9E+00	1.3E-07	1.0E-03	9.5E-10	1.6E-01	3.8E-02	5.7E-12
5.6E-01	1.2E-06	1.0E-03	7.2E-10	1.6E-01	3.8E-02	4.3E-12	1.1E+01	1.3E-07	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.2E-12
6.9E-01	1.2E-06	1.0E-03	8.8E-10	1.6E-01	3.8E-02	5.3E-12	6.2E+00	1.3E-07	1.0E-03	8.5E-10	1.6E-01	3.8E-02	5.2E-12
8.5E-01	1.2E-06	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.6E-12	6.1E+00	1.3E-07	1.0E-03	8.5E-10	1.6E-01	3.8E-02	5.1E-12
1.0E+00	1.2E-06	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.1E-12	6.0E+00	1.3E-07	1.0E-03	8.3E-10	1.6E-01	3.8E-02	5.0E-12
1.2E+00	1.2E-06	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.6E-12	5.4E+00	1.3E-07	1.0E-03	7.4E-10	1.6E-01	3.8E-02	4.5E-12
1.4E+00	1.2E-06	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.1E-11	6.2E+00	1.3E-07	1.0E-03	8.6E-10	1.6E-01	3.8E-02	5.2E-12

1.6E+00	1.2E-06	1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11	7.1E+00	1.3E-07	1.0E-03	9.9E-10	1.6E-01	3.8E-02	6.0E-12
1.9E+00	1.2E-06	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.5E-11	3.6E+00	1.3E-07	1.0E-03	5.0E-10	1.6E-01	3.8E-02	3.0E-12
2.1E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11	2.2E+00	1.3E-07	1.0E-03	3.1E-10	1.6E-01	3.8E-02	1.9E-12
2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12
2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.5E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.2E-13
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	8.5E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.1E-13
1.6E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	6.7E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	3.8E-02	5.6E-13
1.3E+00	1.2E-06	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	3.8E-02	4.5E-13
1.1E+00	1.2E-06	1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.8E-12	4.5E-01	1.3E-07	1.0E-03	6.3E-11	1.6E-01	3.8E-02	3.8E-13
5.2E-01	1.2E-06	1.0E-03	6.7E-10	1.6E-01	3.8E-02	4.1E-12	6.3E+00	1.3E-07	1.0E-03	8.8E-10	1.6E-01	3.8E-02	5.3E-12
6.6E-01	1.2E-06	1.0E-03	8.5E-10	1.6E-01	3.8E-02	5.1E-12	1.0E+01	1.3E-07	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.5E-12
8.6E-01	1.2E-06	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.7E-12	5.6E+00	1.3E-07	1.0E-03	7.8E-10	1.6E-01	3.8E-02	4.7E-12
1.1E+00	1.2E-06	1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.8E-12	5.5E+00	1.3E-07	1.0E-03	7.6E-10	1.6E-01	3.8E-02	4.6E-12
1.5E+00	1.2E-06	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.2E-11	5.3E+00	1.3E-07	1.0E-03	7.3E-10	1.6E-01	3.8E-02	4.4E-12
1.9E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11	4.5E+00	1.3E-07	1.0E-03	6.3E-10	1.6E-01	3.8E-02	3.8E-12
2.3E+00	1.2E-06	1.0E-03	3.0E-09	1.6E-01	3.8E-02	1.8E-11	5.2E+00	1.3E-07	1.0E-03	7.2E-10	1.6E-01	3.8E-02	4.4E-12
2.8E+00	1.2E-06	1.0E-03	3.6E-09	1.6E-01	3.8E-02	2.2E-11	6.0E+00	1.3E-07	1.0E-03	8.3E-10	1.6E-01	3.8E-02	5.0E-12
3.2E+00	1.2E-06	1.0E-03	4.1E-09	1.6E-01	3.8E-02	2.5E-11	3.0E+00	1.3E-07	1.0E-03	4.2E-10	1.6E-01	3.8E-02	2.5E-12
3.4E+00	1.2E-06	1.0E-03	4.3E-09	1.6E-01	3.8E-02	2.6E-11	1.9E+00	1.3E-07	1.0E-03	2.6E-10	1.6E-01	3.8E-02	1.6E-12
3.1E+00	1.2E-06	1.0E-03	4.0E-09	1.6E-01	3.8E-02	2.4E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12
2.7E+00	1.2E-06	1.0E-03	3.5E-09	1.6E-01	3.8E-02	2.1E-11	9.5E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	8.0E-13
2.3E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.8E-11	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.2E-13
1.8E+00	1.2E-06	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.4E-11	5.9E-01	1.3E-07	1.0E-03	8.2E-11	1.6E-01	3.8E-02	4.9E-13
1.5E+00	1.2E-06	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.2E-11	4.8E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	3.8E-02	4.0E-13
1.2E+00	1.2E-06	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.4E-12	4.0E-01	1.3E-07	1.0E-03	5.6E-11	1.6E-01	3.8E-02	3.4E-13
5.9E-01	1.2E-06	1.0E-03	7.6E-10	1.6E-01	3.8E-02	4.6E-12	7.0E+00	1.3E-07	1.0E-03	9.7E-10	1.6E-01	3.8E-02	5.8E-12
7.8E-01	1.2E-06	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.0E-12	7.3E+00	1.3E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.1E-12
1.1E+00	1.2E-06	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.3E-12	7.4E+00	1.3E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.1E-12
1.5E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	7.3E+00	1.3E-07	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.1E-12
2.2E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.7E-11	7.0E+00	1.3E-07	1.0E-03	9.7E-10	1.6E-01	3.8E-02	5.9E-12
3.3E+00	1.2E-06	1.0E-03	4.2E-09	1.6E-01	3.8E-02	2.5E-11	6.4E+00	1.3E-07	1.0E-03	8.9E-10	1.6E-01	3.8E-02	5.4E-12
4.5E+00	1.2E-06	1.0E-03	5.7E-09	1.6E-01	3.8E-02	3.5E-11	5.2E+00	1.3E-07	1.0E-03	7.1E-10	1.6E-01	3.8E-02	4.3E-12
5.6E+00	1.2E-06	1.0E-03	7.3E-09	1.6E-01	3.8E-02	4.4E-11	3.4E+00	1.3E-07	1.0E-03	4.7E-10	1.6E-01	3.8E-02	2.9E-12
6.2E+00	1.2E-06	1.0E-03	8.0E-09	1.6E-01	3.8E-02	4.8E-11	2.2E+00	1.3E-07	1.0E-03	3.1E-10	1.6E-01	3.8E-02	1.8E-12
5.6E+00	1.2E-06	1.0E-03	7.2E-09	1.6E-01	3.8E-02	4.4E-11	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.2E-12
4.5E+00	1.2E-06	1.0E-03	5.8E-09	1.6E-01	3.8E-02	3.5E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.0E-13
3.4E+00	1.2E-06	1.0E-03	4.4E-09	1.6E-01	3.8E-02	2.7E-11	8.2E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.8E-13
2.6E+00	1.2E-06	1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.0E-11	6.4E-01	1.3E-07	1.0E-03	8.9E-11	1.6E-01	3.8E-02	5.4E-13
2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	3.8E-02	4.3E-13
1.5E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	4.3E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	3.8E-02	3.6E-13
1.2E+00	1.2E-06	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.5E-12	3.6E-01	1.3E-07	1.0E-03	5.0E-11	1.6E-01	3.8E-02	3.0E-13
6.5E-01	1.2E-06	1.0E-03	8.3E-10	1.6E-01	3.8E-02	5.0E-12	3.5E+00	1.3E-07	1.0E-03	4.9E-10	1.6E-01	3.8E-02	3.0E-12
8.8E-01	1.2E-06	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12	3.8E+00	1.3E-07	1.0E-03	5.2E-10	1.6E-01	3.8E-02	3.1E-12
1.3E+00	1.2E-06	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	3.8E+00	1.3E-07	1.0E-03	5.3E-10	1.6E-01	3.8E-02	3.2E-12
2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11	3.8E+00	1.3E-07	1.0E-03	5.3E-10	1.6E-01	3.8E-02	3.2E-12
3.5E+00	1.2E-06	1.0E-03	4.5E-09	1.6E-01	3.8E-02	2.7E-11	3.7E+00	1.3E-07	1.0E-03	5.1E-10	1.6E-01	3.8E-02	3.1E-12

6.5E+00	1.2E-06	1.0E-03	8.3E-09	1.6E-01	3.8E-02	5.0E-11	3.4E+00	1.3E-07	1.0E-03	4.7E-10	1.6E-01	3.8E-02	2.8E-12
1.1E+01	1.2E-06	1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.7E-11	2.9E+00	1.3E-07	1.0E-03	4.0E-10	1.6E-01	3.8E-02	2.4E-12
1.5E+01	1.2E-06	1.0E-03	1.9E-08	1.6E-01	3.8E-02	1.2E-10	2.2E+00	1.3E-07	1.0E-03	3.1E-10	1.6E-01	3.8E-02	1.9E-12
1.3E+01	1.2E-06	1.0E-03	1.7E-08	1.6E-01	3.8E-02	1.0E-10	1.6E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12
8.7E+00	1.2E-06	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.8E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12
5.7E+00	1.2E-06	1.0E-03	7.4E-09	1.6E-01	3.8E-02	4.5E-11	9.1E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.6E-13
3.9E+00	1.2E-06	1.0E-03	5.0E-09	1.6E-01	3.8E-02	3.0E-11	7.1E-01	1.3E-07	1.0E-03	9.8E-11	1.6E-01	3.8E-02	5.9E-13
2.7E+00	1.2E-06	1.0E-03	3.5E-09	1.6E-01	3.8E-02	2.1E-11	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	3.8E-02	4.7E-13
2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.5E-11	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	3.8E-02	3.9E-13
1.5E+00	1.2E-06	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.2E-11	3.9E-01	1.3E-07	1.0E-03	5.4E-11	1.6E-01	3.8E-02	3.3E-13
1.2E+00	1.2E-06	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.0E-12	3.3E-01	1.3E-07	1.0E-03	4.6E-11	1.6E-01	3.8E-02	2.8E-13
6.8E-01	1.2E-06	1.0E-03	8.7E-10	1.6E-01	3.8E-02	5.3E-12	2.2E+00	1.3E-07	1.0E-03	3.0E-10	1.6E-01	3.8E-02	1.8E-12
9.5E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.4E-12	2.4E+00	1.3E-07	1.0E-03	3.3E-10	1.6E-01	3.8E-02	2.0E-12
1.4E+00	1.2E-06	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.1E-11	2.4E+00	1.3E-07	1.0E-03	3.4E-10	1.6E-01	3.8E-02	2.0E-12
2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	2.4E+00	1.3E-07	1.0E-03	3.4E-10	1.6E-01	3.8E-02	2.0E-12
5.0E+00	1.2E-06	1.0E-03	6.4E-09	1.6E-01	3.8E-02	3.9E-11	2.4E+00	1.3E-07	1.0E-03	3.3E-10	1.6E-01	3.8E-02	2.0E-12
1.4E+01	1.2E-06	1.0E-03	1.8E-08	1.6E-01	3.8E-02	1.1E-10	2.2E+00	1.3E-07	1.0E-03	3.0E-10	1.6E-01	3.8E-02	1.8E-12
5.4E+01	1.2E-06	1.0E-03	6.9E-08	1.6E-01	3.8E-02	4.2E-10	1.9E+00	1.3E-07	1.0E-03	2.7E-10	1.6E-01	3.8E-02	1.6E-12
6.1E+01	1.2E-06	1.0E-03	7.8E-08	1.6E-01	3.8E-02	4.7E-10	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.3E-12
2.4E+01	1.2E-06	1.0E-03	3.1E-08	1.6E-01	3.8E-02	1.9E-10	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12
1.1E+01	1.2E-06	1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.5E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.4E-13
6.0E+00	1.2E-06	1.0E-03	7.8E-09	1.6E-01	3.8E-02	4.7E-11	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.6E-13
3.8E+00	1.2E-06	1.0E-03	4.8E-09	1.6E-01	3.8E-02	2.9E-11	6.3E-01	1.3E-07	1.0E-03	8.7E-11	1.6E-01	3.8E-02	5.3E-13
2.5E+00	1.2E-06	1.0E-03	3.3E-09	1.6E-01	3.8E-02	2.0E-11	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	3.8E-02	4.3E-13
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	4.3E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	3.8E-02	3.6E-13
1.3E+00	1.2E-06	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	3.6E-01	1.3E-07	1.0E-03	5.0E-11	1.6E-01	3.8E-02	3.0E-13
1.0E+00	1.2E-06	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.1E-12	3.1E-01	1.3E-07	1.0E-03	4.2E-11	1.6E-01	3.8E-02	2.6E-13
6.9E-01	1.2E-06	1.0E-03	8.8E-10	1.6E-01	3.8E-02	5.3E-12	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12
9.7E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.5E-12	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.4E-12
1.5E+00	1.2E-06	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.2E-11	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12
2.6E+00	1.2E-06	1.0E-03	3.3E-09	1.6E-01	3.8E-02	2.0E-11	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	3.8E-02	1.4E-12
5.5E+00	1.2E-06	1.0E-03	7.1E-09	1.6E-01	3.8E-02	4.3E-11	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12
9.6E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.4E-11	8.5E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.1E-13
5.1E+00	1.2E-06	1.0E-03	6.6E-09	1.6E-01	3.8E-02	4.0E-11	6.9E-01	1.3E-07	1.0E-03	9.6E-11	1.6E-01	3.8E-02	5.8E-13
3.2E+00	1.2E-06	1.0E-03	4.1E-09	1.6E-01	3.8E-02	2.5E-11	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	3.8E-02	4.7E-13
2.1E+00	1.2E-06	1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	3.8E-02	3.9E-13
1.5E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	3.9E-01	1.3E-07	1.0E-03	5.5E-11	1.6E-01	3.8E-02	3.3E-13
1.2E+00	1.2E-06	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.0E-12	3.3E-01	1.3E-07	1.0E-03	4.6E-11	1.6E-01	3.8E-02	2.8E-13
9.0E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.0E-12	2.9E-01	1.3E-07	1.0E-03	4.0E-11	1.6E-01	3.8E-02	2.4E-13
6.6E-01	1.2E-06	1.0E-03	8.5E-10	1.6E-01	3.8E-02	5.1E-12	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.1E-13
9.1E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.1E-12	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.8E-13
1.4E+00	1.2E-06	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.1E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12
2.2E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.7E-11	1.3E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12
4.1E+00	1.2E-06	1.0E-03	5.3E-09	1.6E-01	3.8E-02	3.2E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12
6.4E+00	1.2E-06	1.0E-03	8.3E-09	1.6E-01	3.8E-02	5.0E-11	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.0E-13
3.9E+00	1.2E-06	1.0E-03	5.0E-09	1.6E-01	3.8E-02	3.0E-11	6.1E-01	1.3E-07	1.0E-03	8.4E-11	1.6E-01	3.8E-02	5.1E-13

2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	3.8E-02	4.2E-13
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	4.3E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	3.8E-02	3.6E-13
1.3E+00	1.2E-06	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	3.7E-01	1.3E-07	1.0E-03	5.1E-11	1.6E-01	3.8E-02	3.1E-13
9.9E-01	1.2E-06	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.7E-12	3.1E-01	1.3E-07	1.0E-03	4.4E-11	1.6E-01	3.8E-02	2.6E-13
7.8E-01	1.2E-06	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.1E-12	2.7E-01	1.3E-07	1.0E-03	3.8E-11	1.6E-01	3.8E-02	2.3E-13
6.1E-01	1.2E-06	1.0E-03	7.8E-10	1.6E-01	3.8E-02	4.7E-12	8.3E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	6.9E-13
8.2E-01	1.2E-06	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.4E-12	9.0E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.5E-13
1.1E+00	1.2E-06	1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.9E-12	9.4E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.9E-13
1.7E+00	1.2E-06	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	9.6E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	8.0E-13
2.7E+00	1.2E-06	1.0E-03	3.5E-09	1.6E-01	3.8E-02	2.1E-11	9.6E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	8.0E-13
4.2E+00	1.2E-06	1.0E-03	5.4E-09	1.6E-01	3.8E-02	3.2E-11	6.1E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	3.8E-02	5.1E-13
2.8E+00	1.2E-06	1.0E-03	3.7E-09	1.6E-01	3.8E-02	2.2E-11	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	3.8E-02	4.4E-13
2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.5E-11	4.6E-01	1.3E-07	1.0E-03	6.3E-11	1.6E-01	3.8E-02	3.8E-13
1.5E+00	1.2E-06	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.2E-11	4.0E-01	1.3E-07	1.0E-03	5.5E-11	1.6E-01	3.8E-02	3.3E-13
1.1E+00	1.2E-06	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.7E-12	3.4E-01	1.3E-07	1.0E-03	4.7E-11	1.6E-01	3.8E-02	2.9E-13
8.7E-01	1.2E-06	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.7E-12	3.0E-01	1.3E-07	1.0E-03	4.1E-11	1.6E-01	3.8E-02	2.5E-13
6.9E-01	1.2E-06	1.0E-03	8.9E-10	1.6E-01	3.8E-02	5.4E-12	2.6E-01	1.3E-07	1.0E-03	3.6E-11	1.6E-01	3.8E-02	2.2E-13
5.4E-01	1.2E-06	1.0E-03	7.0E-10	1.6E-01	3.8E-02	4.2E-12	6.5E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	3.8E-02	5.5E-13
7.0E-01	1.2E-06	1.0E-03	9.0E-10	1.6E-01	3.8E-02	5.4E-12	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	3.8E-02	5.9E-13
9.4E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.3E-12	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.2E-13
1.3E+00	1.2E-06	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	7.6E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.3E-13
1.9E+00	1.2E-06	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.4E-11	7.6E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.3E-13
3.0E+00	1.2E-06	1.0E-03	3.8E-09	1.6E-01	3.8E-02	2.3E-11	5.3E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	3.8E-02	4.5E-13
2.2E+00	1.2E-06	1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	3.8E-02	3.9E-13
1.6E+00	1.2E-06	1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11	4.1E-01	1.3E-07	1.0E-03	5.7E-11	1.6E-01	3.8E-02	3.4E-13
1.3E+00	1.2E-06	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.9E-12	3.6E-01	1.3E-07	1.0E-03	5.0E-11	1.6E-01	3.8E-02	3.0E-13
9.8E-01	1.2E-06	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.6E-12	3.2E-01	1.3E-07	1.0E-03	4.4E-11	1.6E-01	3.8E-02	2.6E-13
7.8E-01	1.2E-06	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.0E-12	2.8E-01	1.3E-07	1.0E-03	3.9E-11	1.6E-01	3.8E-02	2.3E-13
6.3E-01	1.2E-06	1.0E-03	8.1E-10	1.6E-01	3.8E-02	4.9E-12	2.4E-01	1.3E-07	1.0E-03	3.4E-11	1.6E-01	3.8E-02	2.0E-13
4.7E-01	1.2E-06	1.0E-03	6.1E-10	1.6E-01	3.8E-02	3.7E-12	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	3.8E-02	4.4E-13
5.9E-01	1.2E-06	1.0E-03	7.6E-10	1.6E-01	3.8E-02	4.6E-12	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	3.8E-02	4.7E-13
7.6E-01	1.2E-06	1.0E-03	9.8E-10	1.6E-01	3.8E-02	5.9E-12	6.0E-01	1.3E-07	1.0E-03	8.2E-11	1.6E-01	3.8E-02	5.0E-13
1.0E+00	1.2E-06	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.8E-12	6.1E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	3.8E-02	5.1E-13
1.4E+00	1.2E-06	1.0E-03	1.8E-09	1.6E-01	3.8E-02	1.1E-11	6.2E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	3.8E-02	5.1E-13
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	6.1E-01	1.3E-07	1.0E-03	8.4E-11	1.6E-01	3.8E-02	5.0E-13
2.2E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.7E-11	5.8E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	3.8E-02	4.9E-13
2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	3.8E-02	4.6E-13
2.4E+00	1.2E-06	1.0E-03	3.1E-09	1.6E-01	3.8E-02	1.9E-11	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	3.8E-02	4.2E-13
2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	3.8E-02	3.9E-13
1.7E+00	1.2E-06	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.4E-11	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	3.8E-02	3.5E-13
1.3E+00	1.2E-06	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	3.7E-01	1.3E-07	1.0E-03	5.1E-11	1.6E-01	3.8E-02	3.0E-13
1.1E+00	1.2E-06	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.2E-12	3.2E-01	1.3E-07	1.0E-03	4.5E-11	1.6E-01	3.8E-02	2.7E-13
8.7E-01	1.2E-06	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.8E-12	2.9E-01	1.3E-07	1.0E-03	4.1E-11	1.6E-01	3.8E-02	2.5E-13
7.0E-01	1.2E-06	1.0E-03	9.1E-10	1.6E-01	3.8E-02	5.5E-12	2.6E-01	1.3E-07	1.0E-03	3.6E-11	1.6E-01	3.8E-02	2.2E-13
5.7E-01	1.2E-06	1.0E-03	7.4E-10	1.6E-01	3.8E-02	4.5E-12	2.3E-01	1.3E-07	1.0E-03	3.2E-11	1.6E-01	3.8E-02	1.9E-13
4.1E-01	1.2E-06	1.0E-03	5.3E-10	1.6E-01	3.8E-02	3.2E-12	4.4E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	3.8E-02	3.6E-13

5.0E-01	1.2E-06	1.0E-03	6.5E-10	1.6E-01	3.8E-02	3.9E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	3.8E-02	3.9E-13
6.2E-01	1.2E-06	1.0E-03	8.0E-10	1.6E-01	3.8E-02	4.8E-12	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	3.8E-02	4.1E-13
8.0E-01	1.2E-06	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.2E-12	5.0E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	3.8E-02	4.2E-13
1.0E+00	1.2E-06	1.0E-03	1.3E-09	1.6E-01	3.8E-02	8.0E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	3.8E-02	4.2E-13
1.3E+00	1.2E-06	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.0E-11	5.0E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	3.8E-02	4.2E-13
1.5E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	4.9E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	3.8E-02	4.1E-13
1.7E+00	1.2E-06	1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11	4.7E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	3.8E-02	3.9E-13
1.7E+00	1.2E-06	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	4.4E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	3.8E-02	3.6E-13
1.6E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	4.0E-01	1.3E-07	1.0E-03	5.6E-11	1.6E-01	3.8E-02	3.4E-13
1.4E+00	1.2E-06	1.0E-03	1.7E-09	1.6E-01	3.8E-02	1.1E-11	3.7E-01	1.3E-07	1.0E-03	5.1E-11	1.6E-01	3.8E-02	3.1E-13
1.1E+00	1.2E-06	1.0E-03	1.5E-09	1.6E-01	3.8E-02	8.8E-12	3.3E-01	1.3E-07	1.0E-03	4.6E-11	1.6E-01	3.8E-02	2.8E-13
9.0E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.0E-12	2.9E-01	1.3E-07	1.0E-03	4.1E-11	1.6E-01	3.8E-02	2.5E-13
7.7E-01	1.2E-06	1.0E-03	9.9E-10	1.6E-01	3.8E-02	5.9E-12	2.7E-01	1.3E-07	1.0E-03	3.7E-11	1.6E-01	3.8E-02	2.3E-13
6.4E-01	1.2E-06	1.0E-03	8.2E-10	1.6E-01	3.8E-02	5.0E-12	2.4E-01	1.3E-07	1.0E-03	3.4E-11	1.6E-01	3.8E-02	2.0E-13
5.3E-01	1.2E-06	1.0E-03	6.8E-10	1.6E-01	3.8E-02	4.1E-12	2.2E-01	1.3E-07	1.0E-03	3.0E-11	1.6E-01	3.8E-02	1.8E-13
3.6E-01	1.2E-06	1.0E-03	4.7E-10	1.6E-01	3.8E-02	2.8E-12	3.7E-01	1.3E-07	1.0E-03	5.1E-11	1.6E-01	3.8E-02	3.1E-13
4.3E-01	1.2E-06	1.0E-03	5.6E-10	1.6E-01	3.8E-02	3.4E-12	3.9E-01	1.3E-07	1.0E-03	5.4E-11	1.6E-01	3.8E-02	3.3E-13
5.3E-01	1.2E-06	1.0E-03	6.8E-10	1.6E-01	3.8E-02	4.1E-12	4.1E-01	1.3E-07	1.0E-03	5.7E-11	1.6E-01	3.8E-02	3.4E-13
6.5E-01	1.2E-06	1.0E-03	8.4E-10	1.6E-01	3.8E-02	5.0E-12	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	3.8E-02	3.5E-13
8.0E-01	1.2E-06	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.2E-12	4.3E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	3.8E-02	3.6E-13
9.6E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.4E-12	4.2E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	3.8E-02	3.5E-13
1.1E+00	1.2E-06	1.0E-03	1.4E-09	1.6E-01	3.8E-02	8.6E-12	4.1E-01	1.3E-07	1.0E-03	5.7E-11	1.6E-01	3.8E-02	3.4E-13
1.2E+00	1.2E-06	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.3E-12	4.0E-01	1.3E-07	1.0E-03	5.5E-11	1.6E-01	3.8E-02	3.3E-13
1.2E+00	1.2E-06	1.0E-03	1.6E-09	1.6E-01	3.8E-02	9.5E-12	3.8E-01	1.3E-07	1.0E-03	5.2E-11	1.6E-01	3.8E-02	3.1E-13
1.2E+00	1.2E-06	1.0E-03	1.5E-09	1.6E-01	3.8E-02	9.0E-12	3.5E-01	1.3E-07	1.0E-03	4.9E-11	1.6E-01	3.8E-02	2.9E-13
1.0E+00	1.2E-06	1.0E-03	1.3E-09	1.6E-01	3.8E-02	7.9E-12	3.2E-01	1.3E-07	1.0E-03	4.4E-11	1.6E-01	3.8E-02	2.7E-13
9.0E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.0E-12	3.0E-01	1.3E-07	1.0E-03	4.1E-11	1.6E-01	3.8E-02	2.5E-13
7.8E-01	1.2E-06	1.0E-03	1.0E-09	1.6E-01	3.8E-02	6.0E-12	2.7E-01	1.3E-07	1.0E-03	3.7E-11	1.6E-01	3.8E-02	2.3E-13
6.4E-01	1.2E-06	1.0E-03	8.3E-10	1.6E-01	3.8E-02	5.0E-12	2.4E-01	1.3E-07	1.0E-03	3.3E-11	1.6E-01	3.8E-02	2.0E-13
5.7E-01	1.2E-06	1.0E-03	7.4E-10	1.6E-01	3.8E-02	4.4E-12	2.3E-01	1.3E-07	1.0E-03	3.1E-11	1.6E-01	3.8E-02	1.9E-13
4.9E-01	1.2E-06	1.0E-03	6.3E-10	1.6E-01	3.8E-02	3.8E-12	2.1E-01	1.3E-07	1.0E-03	2.8E-11	1.6E-01	3.8E-02	1.7E-13
3.2E-01	1.2E-06	1.0E-03	4.1E-10	1.6E-01	3.8E-02	2.5E-12	3.1E-01	1.3E-07	1.0E-03	4.3E-11	1.6E-01	3.8E-02	2.6E-13
3.7E-01	1.2E-06	1.0E-03	4.8E-10	1.6E-01	3.8E-02	2.9E-12	3.3E-01	1.3E-07	1.0E-03	4.6E-11	1.6E-01	3.8E-02	2.8E-13
4.5E-01	1.2E-06	1.0E-03	5.7E-10	1.6E-01	3.8E-02	3.5E-12	3.5E-01	1.3E-07	1.0E-03	4.8E-11	1.6E-01	3.8E-02	2.9E-13
5.3E-01	1.2E-06	1.0E-03	6.9E-10	1.6E-01	3.8E-02	4.1E-12	3.6E-01	1.3E-07	1.0E-03	4.9E-11	1.6E-01	3.8E-02	3.0E-13
6.4E-01	1.2E-06	1.0E-03	8.2E-10	1.6E-01	3.8E-02	4.9E-12	3.6E-01	1.3E-07	1.0E-03	5.0E-11	1.6E-01	3.8E-02	3.0E-13
7.4E-01	1.2E-06	1.0E-03	9.6E-10	1.6E-01	3.8E-02	5.8E-12	3.6E-01	1.3E-07	1.0E-03	5.0E-11	1.6E-01	3.8E-02	3.0E-13
8.4E-01	1.2E-06	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.5E-12	3.5E-01	1.3E-07	1.0E-03	4.9E-11	1.6E-01	3.8E-02	3.0E-13
9.0E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.0E-12	3.4E-01	1.3E-07	1.0E-03	4.7E-11	1.6E-01	3.8E-02	2.9E-13
9.2E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	3.8E-02	7.1E-12	3.3E-01	1.3E-07	1.0E-03	4.5E-11	1.6E-01	3.8E-02	2.7E-13
8.9E-01	1.2E-06	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.9E-12	3.1E-01	1.3E-07	1.0E-03	4.3E-11	1.6E-01	3.8E-02	2.6E-13
8.4E-01	1.2E-06	1.0E-03	1.1E-09	1.6E-01	3.8E-02	6.5E-12	2.9E-01	1.3E-07	1.0E-03	4.0E-11	1.6E-01	3.8E-02	2.4E-13
7.7E-01	1.2E-06	1.0E-03	9.9E-10	1.6E-01	3.8E-02	6.0E-12	2.7E-01	1.3E-07	1.0E-03	3.8E-11	1.6E-01	3.8E-02	2.3E-13
6.8E-01	1.2E-06	1.0E-03	8.8E-10	1.6E-01	3.8E-02	5.3E-12	2.5E-01	1.3E-07	1.0E-03	3.5E-11	1.6E-01	3.8E-02	2.1E-13
5.6E-01	1.2E-06	1.0E-03	7.2E-10	1.6E-01	3.8E-02	4.4E-12	2.2E-01	1.3E-07	1.0E-03	3.1E-11	1.6E-01	3.8E-02	1.9E-13
4.9E-01	1.2E-06	1.0E-03	6.3E-10	1.6E-01	3.8E-02	3.8E-12	2.0E-01	1.3E-07	1.0E-03	2.8E-11	1.6E-01	3.8E-02	1.7E-13

4.5E-01	1.2E-06	1.0E-03	5.7E-10	1.6E-01	3.8E-02	3.5E-12	1.9E-01	1.3E-07	1.0E-03	2.7E-11	1.6E-01	3.8E-02	1.6E-13
2.8E-01	1.2E-06	1.0E-03	3.6E-10	1.6E-01	3.8E-02	2.2E-12	2.7E-01	1.3E-07	1.0E-03	3.8E-11	1.6E-01	3.8E-02	2.3E-13
3.3E-01	1.2E-06	1.0E-03	4.2E-10	1.6E-01	3.8E-02	2.5E-12	2.9E-01	1.3E-07	1.0E-03	4.0E-11	1.6E-01	3.8E-02	2.4E-13
3.8E-01	1.2E-06	1.0E-03	4.9E-10	1.6E-01	3.8E-02	3.0E-12	3.0E-01	1.3E-07	1.0E-03	4.1E-11	1.6E-01	3.8E-02	2.5E-13
4.5E-01	1.2E-06	1.0E-03	5.8E-10	1.6E-01	3.8E-02	3.5E-12	3.1E-01	1.3E-07	1.0E-03	4.2E-11	1.6E-01	3.8E-02	2.6E-13
5.2E-01	1.2E-06	1.0E-03	6.7E-10	1.6E-01	3.8E-02	4.0E-12	3.1E-01	1.3E-07	1.0E-03	4.3E-11	1.6E-01	3.8E-02	2.6E-13
5.9E-01	1.2E-06	1.0E-03	7.6E-10	1.6E-01	3.8E-02	4.6E-12	3.1E-01	1.3E-07	1.0E-03	4.3E-11	1.6E-01	3.8E-02	2.6E-13
6.6E-01	1.2E-06	1.0E-03	8.5E-10	1.6E-01	3.8E-02	5.1E-12	3.1E-01	1.3E-07	1.0E-03	4.2E-11	1.6E-01	3.8E-02	2.6E-13
7.0E-01	1.2E-06	1.0E-03	9.0E-10	1.6E-01	3.8E-02	5.5E-12	3.0E-01	1.3E-07	1.0E-03	4.1E-11	1.6E-01	3.8E-02	2.5E-13
7.2E-01	1.2E-06	1.0E-03	9.3E-10	1.6E-01	3.8E-02	5.6E-12	2.9E-01	1.3E-07	1.0E-03	4.0E-11	1.6E-01	3.8E-02	2.4E-13
7.1E-01	1.2E-06	1.0E-03	9.2E-10	1.6E-01	3.8E-02	5.5E-12	2.7E-01	1.3E-07	1.0E-03	3.8E-11	1.6E-01	3.8E-02	2.3E-13
6.9E-01	1.2E-06	1.0E-03	8.8E-10	1.6E-01	3.8E-02	5.3E-12	2.6E-01	1.3E-07	1.0E-03	3.6E-11	1.6E-01	3.8E-02	2.2E-13
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5.8E-01	1.2E-06	1.0E-03	7.5E-10	1.6E-01	3.8E-02	4.5E-12	2.3E-01	1.3E-07	1.0E-03	3.2E-11	1.6E-01	3.8E-02	1.9E-13
5.2E-01	1.2E-06	1.0E-03	6.7E-10	1.6E-01	3.8E-02	4.0E-12	2.1E-01	1.3E-07	1.0E-03	2.9E-11	1.6E-01	3.8E-02	1.8E-13
4.3E-01	1.2E-06	1.0E-03	5.6E-10	1.6E-01	3.8E-02	3.4E-12	1.9E-01	1.3E-07	1.0E-03	2.6E-11	1.6E-01	3.8E-02	1.6E-13
3.8E-01	1.2E-06	1.0E-03	4.9E-10	1.6E-01	3.8E-02	3.0E-12	1.7E-01	1.3E-07	1.0E-03	2.4E-11	1.6E-01	3.8E-02	1.4E-13
2.5E-01	1.2E-06	1.0E-03	3.2E-10	1.6E-01	3.8E-02	1.9E-12	2.4E-01	1.3E-07	1.0E-03	3.3E-11	1.6E-01	3.8E-02	2.0E-13
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3.8E-01	1.2E-06	1.0E-03	4.9E-10	1.6E-01	3.8E-02	2.9E-12	2.7E-01	1.3E-07	1.0E-03	3.7E-11	1.6E-01	3.8E-02	2.2E-13
4.3E-01	1.2E-06	1.0E-03	5.6E-10	1.6E-01	3.8E-02	3.4E-12	2.7E-01	1.3E-07	1.0E-03	3.7E-11	1.6E-01	3.8E-02	2.2E-13
4.9E-01	1.2E-06	1.0E-03	6.2E-10	1.6E-01	3.8E-02	3.8E-12	2.7E-01	1.3E-07	1.0E-03	3.7E-11	1.6E-01	3.8E-02	2.3E-13
5.3E-01	1.2E-06	1.0E-03	6.8E-10	1.6E-01	3.8E-02	4.1E-12	2.7E-01	1.3E-07	1.0E-03	3.7E-11	1.6E-01	3.8E-02	2.2E-13
5.6E-01	1.2E-06	1.0E-03	7.3E-10	1.6E-01	3.8E-02	4.4E-12	2.6E-01	1.3E-07	1.0E-03	3.6E-11	1.6E-01	3.8E-02	2.2E-13
5.8E-01	1.2E-06	1.0E-03	7.5E-10	1.6E-01	3.8E-02	4.5E-12	2.5E-01	1.3E-07	1.0E-03	3.5E-11	1.6E-01	3.8E-02	2.1E-13
5.8E-01	1.2E-06	1.0E-03	7.5E-10	1.6E-01	3.8E-02	4.5E-12	2.4E-01	1.3E-07	1.0E-03	3.4E-11	1.6E-01	3.8E-02	2.0E-13
5.6E-01	1.2E-06	1.0E-03	7.2E-10	1.6E-01	3.8E-02	4.4E-12	2.3E-01	1.3E-07	1.0E-03	3.2E-11	1.6E-01	3.8E-02	1.9E-13
5.3E-01	1.2E-06	1.0E-03	6.9E-10	1.6E-01	3.8E-02	4.1E-12	2.2E-01	1.3E-07	1.0E-03	3.1E-11	1.6E-01	3.8E-02	1.8E-13
5.0E-01	1.2E-06	1.0E-03	6.4E-10	1.6E-01	3.8E-02	3.9E-12	2.1E-01	1.3E-07	1.0E-03	2.9E-11	1.6E-01	3.8E-02	1.7E-13
4.5E-01	1.2E-06	1.0E-03	5.9E-10	1.6E-01	3.8E-02	3.5E-12	1.9E-01	1.3E-07	1.0E-03	2.7E-11	1.6E-01	3.8E-02	1.6E-13
4.0E-01	1.2E-06	1.0E-03	5.2E-10	1.6E-01	3.8E-02	3.1E-12	1.8E-01	1.3E-07	1.0E-03	2.5E-11	1.6E-01	3.8E-02	1.5E-13
3.4E-01	1.2E-06	1.0E-03	4.4E-10	1.6E-01	3.8E-02	2.7E-12	1.6E-01	1.3E-07	1.0E-03	2.2E-11	1.6E-01	3.8E-02	1.3E-13
2.2E-01	1.2E-06	1.0E-03	2.9E-10	1.6E-01	3.8E-02	1.7E-12	2.1E-01	1.3E-07	1.0E-03	2.9E-11	1.6E-01	3.8E-02	1.7E-13
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2.9E-01	1.2E-06	1.0E-03	3.7E-10	1.6E-01	3.8E-02	2.2E-12	2.3E-01	1.3E-07	1.0E-03	3.1E-11	1.6E-01	3.8E-02	1.9E-13
3.3E-01	1.2E-06	1.0E-03	4.2E-10	1.6E-01	3.8E-02	2.5E-12	2.3E-01	1.3E-07	1.0E-03	3.2E-11	1.6E-01	3.8E-02	1.9E-13
3.7E-01	1.2E-06	1.0E-03	4.7E-10	1.6E-01	3.8E-02	2.8E-12	2.4E-01	1.3E-07	1.0E-03	3.3E-11	1.6E-01	3.8E-02	2.0E-13
4.0E-01	1.2E-06	1.0E-03	5.2E-10	1.6E-01	3.8E-02	3.1E-12	2.4E-01	1.3E-07	1.0E-03	3.3E-11	1.6E-01	3.8E-02	2.0E-13
4.4E-01	1.2E-06	1.0E-03	5.6E-10	1.6E-01	3.8E-02	3.4E-12	2.4E-01	1.3E-07	1.0E-03	3.3E-11	1.6E-01	3.8E-02	2.0E-13
4.6E-01	1.2E-06	1.0E-03	6.0E-10	1.6E-01	3.8E-02	3.6E-12	2.3E-01	1.3E-07	1.0E-03	3.2E-11	1.6E-01	3.8E-02	1.9E-13
4.8E-01	1.2E-06	1.0E-03	6.1E-10	1.6E-01	3.8E-02	3.7E-12	2.3E-01	1.3E-07	1.0E-03	3.1E-11	1.6E-01	3.8E-02	1.9E-13
4.8E-01	1.2E-06	1.0E-03	6.2E-10	1.6E-01	3.8E-02	3.7E-12	2.2E-01	1.3E-07	1.0E-03	3.0E-11	1.6E-01	3.8E-02	1.8E-13
4.7E-01	1.2E-06	1.0E-03	6.0E-10	1.6E-01	3.8E-02	3.6E-12	2.1E-01	1.3E-07	1.0E-03	2.9E-11	1.6E-01	3.8E-02	1.8E-13
4.5E-01	1.2E-06	1.0E-03	5.8E-10	1.6E-01	3.8E-02	3.5E-12	2.0E-01	1.3E-07	1.0E-03	2.8E-11	1.6E-01	3.8E-02	1.7E-13
4.3E-01	1.2E-06	1.0E-03	5.5E-10	1.6E-01	3.8E-02	3.3E-12	1.9E-01	1.3E-07	1.0E-03	2.6E-11	1.6E-01	3.8E-02	1.6E-13

4.0E-01	1.2E-06	1.0E-03	5.1E-10	1.6E-01	3.8E-02	3.1E-12	1.8E-01	1.3E-07	1.0E-03	2.5E-11	1.6E-01	3.8E-02	1.5E-13
3.6E-01	1.2E-06	1.0E-03	4.6E-10	1.6E-01	3.8E-02	2.8E-12	1.7E-01	1.3E-07	1.0E-03	2.3E-11	1.6E-01	3.8E-02	1.4E-13
3.1E-01	1.2E-06	1.0E-03	4.0E-10	1.6E-01	3.8E-02	2.4E-12	1.5E-01	1.3E-07	1.0E-03	2.1E-11	1.6E-01	3.8E-02	1.3E-13
1.4E+01	1.2E-06	1.0E-03	1.8E-08	1.6E-01	3.8E-02	1.1E-10	2.2E+00	1.3E-07	1.0E-03	3.0E-10	1.6E-01	3.8E-02	1.8E-12
1.8E+01	1.2E-06	1.0E-03	2.4E-08	1.6E-01	3.8E-02	1.4E-10	2.2E+00	1.3E-07	1.0E-03	3.0E-10	1.6E-01	3.8E-02	1.8E-12
2.4E+01	1.2E-06	1.0E-03	3.1E-08	1.6E-01	3.8E-02	1.9E-10	2.1E+00	1.3E-07	1.0E-03	2.9E-10	1.6E-01	3.8E-02	1.8E-12
3.2E+01	1.2E-06	1.0E-03	4.1E-08	1.6E-01	3.8E-02	2.5E-10	2.1E+00	1.3E-07	1.0E-03	2.8E-10	1.6E-01	3.8E-02	1.7E-12
4.2E+01	1.2E-06	1.0E-03	5.5E-08	1.6E-01	3.8E-02	3.3E-10	2.0E+00	1.3E-07	1.0E-03	2.8E-10	1.6E-01	3.8E-02	1.7E-12
5.4E+01	1.2E-06	1.0E-03	6.9E-08	1.6E-01	3.8E-02	4.2E-10	1.9E+00	1.3E-07	1.0E-03	2.7E-10	1.6E-01	3.8E-02	1.6E-12
6.3E+01	1.2E-06	1.0E-03	8.1E-08	1.6E-01	3.8E-02	4.9E-10	1.9E+00	1.3E-07	1.0E-03	2.6E-10	1.6E-01	3.8E-02	1.6E-12
6.8E+01	1.2E-06	1.0E-03	8.8E-08	1.6E-01	3.8E-02	5.3E-10	1.8E+00	1.3E-07	1.0E-03	2.5E-10	1.6E-01	3.8E-02	1.5E-12
7.0E+01	1.2E-06	1.0E-03	9.0E-08	1.6E-01	3.8E-02	5.4E-10	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	3.8E-02	1.5E-12
6.8E+01	1.2E-06	1.0E-03	8.7E-08	1.6E-01	3.8E-02	5.3E-10	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12
6.1E+01	1.2E-06	1.0E-03	7.8E-08	1.6E-01	3.8E-02	4.7E-10	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.3E-12
5.1E+01	1.2E-06	1.0E-03	6.6E-08	1.6E-01	3.8E-02	4.0E-10	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12
4.2E+01	1.2E-06	1.0E-03	5.4E-08	1.6E-01	3.8E-02	3.3E-10	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	3.8E-02	1.2E-12
3.5E+01	1.2E-06	1.0E-03	4.5E-08	1.6E-01	3.8E-02	2.7E-10	1.4E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	3.8E-02	1.2E-12
2.9E+01	1.2E-06	1.0E-03	3.7E-08	1.6E-01	3.8E-02	2.2E-10	1.3E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	3.8E-02	1.1E-12
2.4E+01	1.2E-06	1.0E-03	3.1E-08	1.6E-01	3.8E-02	1.9E-10	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12
2.0E+01	1.2E-06	1.0E-03	2.6E-08	1.6E-01	3.8E-02	1.6E-10	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12
1.7E+01	1.2E-06	1.0E-03	2.2E-08	1.6E-01	3.8E-02	1.3E-10	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.7E-13
1.5E+01	1.2E-06	1.0E-03	1.9E-08	1.6E-01	3.8E-02	1.1E-10	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.3E-13
1.3E+01	1.2E-06	1.0E-03	1.6E-08	1.6E-01	3.8E-02	9.8E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	8.8E-13
1.1E+01	1.2E-06	1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.5E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.4E-13
9.6E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.4E-11	9.5E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	8.0E-13
8.5E+00	1.2E-06	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.6E-11	9.1E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.6E-13
7.5E+00	1.2E-06	1.0E-03	9.7E-09	1.6E-01	3.8E-02	5.8E-11	8.7E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.2E-13
6.7E+00	1.2E-06	1.0E-03	8.6E-09	1.6E-01	3.8E-02	5.2E-11	8.3E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.9E-13
6.0E+00	1.2E-06	1.0E-03	7.8E-09	1.6E-01	3.8E-02	4.7E-11	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.6E-13
1.6E+01	1.2E-06	1.0E-03	2.1E-08	1.6E-01	3.8E-02	1.3E-10	2.0E+00	1.3E-07	1.0E-03	2.8E-10	1.6E-01	3.8E-02	1.7E-12
2.2E+01	1.2E-06	1.0E-03	2.8E-08	1.6E-01	3.8E-02	1.7E-10	2.0E+00	1.3E-07	1.0E-03	2.8E-10	1.6E-01	3.8E-02	1.7E-12
3.0E+01	1.2E-06	1.0E-03	3.9E-08	1.6E-01	3.8E-02	2.3E-10	2.0E+00	1.3E-07	1.0E-03	2.7E-10	1.6E-01	3.8E-02	1.6E-12
4.3E+01	1.2E-06	1.0E-03	5.5E-08	1.6E-01	3.8E-02	3.3E-10	1.9E+00	1.3E-07	1.0E-03	2.7E-10	1.6E-01	3.8E-02	1.6E-12
1.5E+01	1.2E-06	1.0E-03	2.0E-08	1.6E-01	3.8E-02	1.2E-10	1.9E+00	1.3E-07	1.0E-03	2.6E-10	1.6E-01	3.8E-02	1.6E-12
2.2E+01	1.2E-06	1.0E-03	2.8E-08	1.6E-01	3.8E-02	1.7E-10	1.8E+00	1.3E-07	1.0E-03	2.5E-10	1.6E-01	3.8E-02	1.5E-12
3.2E+01	1.2E-06	1.0E-03	4.1E-08	1.6E-01	3.8E-02	2.5E-10	1.8E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	3.8E-02	1.5E-12
4.6E+01	1.2E-06	1.0E-03	6.0E-08	1.6E-01	3.8E-02	3.6E-10	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	3.8E-02	1.4E-12
4.7E+01	1.2E-06	1.0E-03	6.1E-08	1.6E-01	3.8E-02	3.7E-10	1.6E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12
3.5E+01	1.2E-06	1.0E-03	4.5E-08	1.6E-01	3.8E-02	2.7E-10	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.3E-12
2.6E+01	1.2E-06	1.0E-03	3.4E-08	1.6E-01	3.8E-02	2.0E-10	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12
6.8E+01	1.2E-06	1.0E-03	8.8E-08	1.6E-01	3.8E-02	5.3E-10	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	3.8E-02	1.2E-12
5.2E+01	1.2E-06	1.0E-03	6.7E-08	1.6E-01	3.8E-02	4.0E-10	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	3.8E-02	1.2E-12
4.0E+01	1.2E-06	1.0E-03	5.2E-08	1.6E-01	3.8E-02	3.1E-10	1.3E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	3.8E-02	1.1E-12
3.2E+01	1.2E-06	1.0E-03	4.1E-08	1.6E-01	3.8E-02	2.5E-10	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12
2.6E+01	1.2E-06	1.0E-03	3.3E-08	1.6E-01	3.8E-02	2.0E-10	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12
2.1E+01	1.2E-06	1.0E-03	2.7E-08	1.6E-01	3.8E-02	1.6E-10	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.8E-13

1.8E+01	1.2E-06	1.0E-03	2.3E-08	1.6E-01	3.8E-02	1.4E-10	1.1E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.3E-13
1.5E+01	1.2E-06	1.0E-03	1.9E-08	1.6E-01	3.8E-02	1.2E-10	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	8.9E-13
1.3E+01	1.2E-06	1.0E-03	1.6E-08	1.6E-01	3.8E-02	9.9E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.5E-13
1.1E+01	1.2E-06	1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.5E-11	9.7E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	8.1E-13
9.6E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.4E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.7E-13
8.4E+00	1.2E-06	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.5E-11	8.8E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.4E-13
7.4E+00	1.2E-06	1.0E-03	9.6E-09	1.6E-01	3.8E-02	5.8E-11	8.4E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.0E-13
6.6E+00	1.2E-06	1.0E-03	8.5E-09	1.6E-01	3.8E-02	5.1E-11	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.7E-13
5.9E+00	1.2E-06	1.0E-03	7.6E-09	1.6E-01	3.8E-02	4.6E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.4E-13
1.8E+01	1.2E-06	1.0E-03	2.3E-08	1.6E-01	3.8E-02	1.4E-10	1.9E+00	1.3E-07	1.0E-03	2.6E-10	1.6E-01	3.8E-02	1.6E-12
2.5E+01	1.2E-06	1.0E-03	3.2E-08	1.6E-01	3.8E-02	1.9E-10	1.9E+00	1.3E-07	1.0E-03	2.6E-10	1.6E-01	3.8E-02	1.6E-12
3.7E+01	1.2E-06	1.0E-03	4.7E-08	1.6E-01	3.8E-02	2.8E-10	1.8E+00	1.3E-07	1.0E-03	2.5E-10	1.6E-01	3.8E-02	1.5E-12
5.7E+01	1.2E-06	1.0E-03	7.3E-08	1.6E-01	3.8E-02	4.4E-10	1.8E+00	1.3E-07	1.0E-03	2.5E-10	1.6E-01	3.8E-02	1.5E-12
1.8E+01	1.2E-06	1.0E-03	2.3E-08	1.6E-01	3.8E-02	1.4E-10	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	3.8E-02	1.5E-12
2.7E+01	1.2E-06	1.0E-03	3.5E-08	1.6E-01	3.8E-02	2.1E-10	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	3.8E-02	1.4E-12
4.4E+01	1.2E-06	1.0E-03	5.6E-08	1.6E-01	3.8E-02	3.4E-10	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12
0.0E+00	1.2E-06	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.3E-12
0.0E+00	1.2E-06	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.6E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12
4.3E+01	1.2E-06	1.0E-03	5.6E-08	1.6E-01	3.8E-02	3.4E-10	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.2E-12
3.0E+01	1.2E-06	1.0E-03	3.9E-08	1.6E-01	3.8E-02	2.3E-10	1.4E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	3.8E-02	1.2E-12
2.2E+01	1.2E-06	1.0E-03	2.9E-08	1.6E-01	3.8E-02	1.7E-10	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	3.8E-02	1.2E-12
6.1E+01	1.2E-06	1.0E-03	7.9E-08	1.6E-01	3.8E-02	4.8E-10	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12
4.4E+01	1.2E-06	1.0E-03	5.7E-08	1.6E-01	3.8E-02	3.4E-10	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12
3.4E+01	1.2E-06	1.0E-03	4.3E-08	1.6E-01	3.8E-02	2.6E-10	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12
2.7E+01	1.2E-06	1.0E-03	3.4E-08	1.6E-01	3.8E-02	2.1E-10	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.8E-13
2.2E+01	1.2E-06	1.0E-03	2.8E-08	1.6E-01	3.8E-02	1.7E-10	1.1E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.4E-13
1.8E+01	1.2E-06	1.0E-03	2.3E-08	1.6E-01	3.8E-02	1.4E-10	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.0E-13
1.5E+01	1.2E-06	1.0E-03	1.9E-08	1.6E-01	3.8E-02	1.2E-10	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.6E-13
1.3E+01	1.2E-06	1.0E-03	1.6E-08	1.6E-01	3.8E-02	9.8E-11	9.8E-01	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.2E-13
1.1E+01	1.2E-06	1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.4E-11	9.4E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.8E-13
9.4E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.3E-11	9.0E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.5E-13
8.2E+00	1.2E-06	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.4E-11	8.6E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.1E-13
7.3E+00	1.2E-06	1.0E-03	9.4E-09	1.6E-01	3.8E-02	5.6E-11	8.2E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.8E-13
6.5E+00	1.2E-06	1.0E-03	8.3E-09	1.6E-01	3.8E-02	5.0E-11	7.8E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.5E-13
5.8E+00	1.2E-06	1.0E-03	7.4E-09	1.6E-01	3.8E-02	4.5E-11	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.2E-13
1.9E+01	1.2E-06	1.0E-03	2.4E-08	1.6E-01	3.8E-02	1.5E-10	1.8E+00	1.3E-07	1.0E-03	2.5E-10	1.6E-01	3.8E-02	1.5E-12
2.7E+01	1.2E-06	1.0E-03	3.5E-08	1.6E-01	3.8E-02	2.1E-10	1.8E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	3.8E-02	1.5E-12
4.1E+01	1.2E-06	1.0E-03	5.3E-08	1.6E-01	3.8E-02	3.2E-10	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	3.8E-02	1.4E-12
1.3E+01	1.2E-06	1.0E-03	1.7E-08	1.6E-01	3.8E-02	1.0E-10	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12
2.0E+01	1.2E-06	1.0E-03	2.5E-08	1.6E-01	3.8E-02	1.5E-10	1.6E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12
3.1E+01	1.2E-06	1.0E-03	4.0E-08	1.6E-01	3.8E-02	2.4E-10	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.3E-12
0.0E+00	1.2E-06	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.3E-12
0.0E+00	1.2E-06	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12
0.0E+00	1.2E-06	1.0E-03	0.0E+00	1.6E-01	3.8E-02	0.0E+00	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	3.8E-02	1.2E-12
5.0E+01	1.2E-06	1.0E-03	6.4E-08	1.6E-01	3.8E-02	3.8E-10	1.4E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	3.8E-02	1.2E-12
3.2E+01	1.2E-06	1.0E-03	4.1E-08	1.6E-01	3.8E-02	2.5E-10	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	3.8E-02	1.1E-12

2.3E+01	1.2E-06	1.0E-03	3.0E-08	1.6E-01	3.8E-02	1.8E-10	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12
6.8E+01	1.2E-06	1.0E-03	8.8E-08	1.6E-01	3.8E-02	5.3E-10	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12
4.6E+01	1.2E-06	1.0E-03	6.0E-08	1.6E-01	3.8E-02	3.6E-10	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12
3.4E+01	1.2E-06	1.0E-03	4.4E-08	1.6E-01	3.8E-02	2.7E-10	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.8E-13
2.7E+01	1.2E-06	1.0E-03	3.4E-08	1.6E-01	3.8E-02	2.1E-10	1.1E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.4E-13
2.1E+01	1.2E-06	1.0E-03	2.8E-08	1.6E-01	3.8E-02	1.7E-10	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.0E-13
1.8E+01	1.2E-06	1.0E-03	2.3E-08	1.6E-01	3.8E-02	1.4E-10	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.6E-13
1.5E+01	1.2E-06	1.0E-03	1.9E-08	1.6E-01	3.8E-02	1.1E-10	9.9E-01	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.3E-13
1.2E+01	1.2E-06	1.0E-03	1.6E-08	1.6E-01	3.8E-02	9.6E-11	9.5E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.9E-13
1.1E+01	1.2E-06	1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.2E-11	9.1E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.6E-13
9.2E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.1E-11	8.7E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.2E-13
8.0E+00	1.2E-06	1.0E-03	1.0E-08	1.6E-01	3.8E-02	6.2E-11	8.3E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.9E-13
7.0E+00	1.2E-06	1.0E-03	9.1E-09	1.6E-01	3.8E-02	5.5E-11	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.6E-13
6.3E+00	1.2E-06	1.0E-03	8.1E-09	1.6E-01	3.8E-02	4.9E-11	7.6E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.3E-13
5.6E+00	1.2E-06	1.0E-03	7.2E-09	1.6E-01	3.8E-02	4.3E-11	7.3E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.1E-13
1.9E+01	1.2E-06	1.0E-03	2.4E-08	1.6E-01	3.8E-02	1.5E-10	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12
2.7E+01	1.2E-06	1.0E-03	3.5E-08	1.6E-01	3.8E-02	2.1E-10	1.6E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	3.8E-02	1.4E-12
4.2E+01	1.2E-06	1.0E-03	5.4E-08	1.6E-01	3.8E-02	3.2E-10	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.3E-12
1.3E+01	1.2E-06	1.0E-03	1.7E-08	1.6E-01	3.8E-02	1.0E-10	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.3E-12
2.0E+01	1.2E-06	1.0E-03	2.6E-08	1.6E-01	3.8E-02	1.5E-10	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12
2.1E+01	1.2E-06	1.0E-03	2.6E-08	1.6E-01	3.8E-02	1.6E-10	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.7E-13
1.7E+01	1.2E-06	1.0E-03	2.2E-08	1.6E-01	3.8E-02	1.3E-10	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.3E-13
1.4E+01	1.2E-06	1.0E-03	1.8E-08	1.6E-01	3.8E-02	1.1E-10	9.5E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	8.0E-13
1.2E+01	1.2E-06	1.0E-03	1.5E-08	1.6E-01	3.8E-02	9.2E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.6E-13
1.0E+01	1.2E-06	1.0E-03	1.3E-08	1.6E-01	3.8E-02	7.9E-11	8.8E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.3E-13
8.8E+00	1.2E-06	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.8E-11	8.4E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.0E-13
7.7E+00	1.2E-06	1.0E-03	9.9E-09	1.6E-01	3.8E-02	6.0E-11	8.1E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.7E-13
6.8E+00	1.2E-06	1.0E-03	8.7E-09	1.6E-01	3.8E-02	5.2E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.4E-13
6.0E+00	1.2E-06	1.0E-03	7.7E-09	1.6E-01	3.8E-02	4.7E-11	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.2E-13
5.4E+00	1.2E-06	1.0E-03	6.9E-09	1.6E-01	3.8E-02	4.2E-11	7.1E-01	1.3E-07	1.0E-03	9.8E-11	1.6E-01	3.8E-02	5.9E-13
1.8E+01	1.2E-06	1.0E-03	2.3E-08	1.6E-01	3.8E-02	1.4E-10	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	3.8E-02	1.3E-12
2.6E+01	1.2E-06	1.0E-03	3.3E-08	1.6E-01	3.8E-02	2.0E-10	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12
3.8E+01	1.2E-06	1.0E-03	4.9E-08	1.6E-01	3.8E-02	2.9E-10	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.3E-12
1.2E+01	1.2E-06	1.0E-03	1.6E-08	1.6E-01	3.8E-02	9.7E-11	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	3.8E-02	1.2E-12
1.8E+01	1.2E-06	1.0E-03	2.4E-08	1.6E-01	3.8E-02	1.4E-10	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	3.8E-02	1.2E-12
1.9E+01	1.2E-06	1.0E-03	2.5E-08	1.6E-01	3.8E-02	1.5E-10	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.3E-13
1.6E+01	1.2E-06	1.0E-03	2.0E-08	1.6E-01	3.8E-02	1.2E-10	9.6E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	8.0E-13
1.3E+01	1.2E-06	1.0E-03	1.7E-08	1.6E-01	3.8E-02	1.0E-10	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.7E-13
1.1E+01	1.2E-06	1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.7E-11	8.8E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.4E-13
9.6E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.4E-11	8.5E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.1E-13
8.3E+00	1.2E-06	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.5E-11	8.1E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.8E-13
7.3E+00	1.2E-06	1.0E-03	9.4E-09	1.6E-01	3.8E-02	5.6E-11	7.8E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.5E-13
6.4E+00	1.2E-06	1.0E-03	8.3E-09	1.6E-01	3.8E-02	5.0E-11	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.3E-13
5.7E+00	1.2E-06	1.0E-03	7.4E-09	1.6E-01	3.8E-02	4.4E-11	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.0E-13
5.1E+00	1.2E-06	1.0E-03	6.6E-09	1.6E-01	3.8E-02	4.0E-11	6.9E-01	1.3E-07	1.0E-03	9.6E-11	1.6E-01	3.8E-02	5.8E-13
1.6E+01	1.2E-06	1.0E-03	2.1E-08	1.6E-01	3.8E-02	1.3E-10	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	3.8E-02	1.2E-12

2.2E+01	1.2E-06	1.0E-03	2.8E-08	1.6E-01	3.8E-02	1.7E-10	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	3.8E-02	1.2E-12
3.1E+01	1.2E-06	1.0E-03	4.0E-08	1.6E-01	3.8E-02	2.4E-10	1.4E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	3.8E-02	1.2E-12
4.5E+01	1.2E-06	1.0E-03	5.8E-08	1.6E-01	3.8E-02	3.5E-10	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	3.8E-02	1.2E-12
1.5E+01	1.2E-06	1.0E-03	2.0E-08	1.6E-01	3.8E-02	1.2E-10	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	3.8E-02	1.1E-12
1.7E+01	1.2E-06	1.0E-03	2.2E-08	1.6E-01	3.8E-02	1.3E-10	9.6E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	8.0E-13
1.4E+01	1.2E-06	1.0E-03	1.9E-08	1.6E-01	3.8E-02	1.1E-10	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.7E-13
1.2E+01	1.2E-06	1.0E-03	1.6E-08	1.6E-01	3.8E-02	9.4E-11	8.9E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.4E-13
1.0E+01	1.2E-06	1.0E-03	1.3E-08	1.6E-01	3.8E-02	8.1E-11	8.5E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.1E-13
9.0E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.0E-11	8.2E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.9E-13
7.8E+00	1.2E-06	1.0E-03	1.0E-08	1.6E-01	3.8E-02	6.1E-11	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.6E-13
6.9E+00	1.2E-06	1.0E-03	8.8E-09	1.6E-01	3.8E-02	5.3E-11	7.6E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.3E-13
6.1E+00	1.2E-06	1.0E-03	7.8E-09	1.6E-01	3.8E-02	4.7E-11	7.3E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.1E-13
5.4E+00	1.2E-06	1.0E-03	7.0E-09	1.6E-01	3.8E-02	4.2E-11	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	3.8E-02	5.8E-13
4.9E+00	1.2E-06	1.0E-03	6.2E-09	1.6E-01	3.8E-02	3.8E-11	6.7E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	3.8E-02	5.6E-13
1.5E+01	1.2E-06	1.0E-03	1.9E-08	1.6E-01	3.8E-02	1.1E-10	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	3.8E-02	1.2E-12
1.9E+01	1.2E-06	1.0E-03	2.4E-08	1.6E-01	3.8E-02	1.5E-10	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	3.8E-02	1.1E-12
2.5E+01	1.2E-06	1.0E-03	3.2E-08	1.6E-01	3.8E-02	1.9E-10	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	3.8E-02	1.1E-12
3.3E+01	1.2E-06	1.0E-03	4.2E-08	1.6E-01	3.8E-02	2.6E-10	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12
4.4E+01	1.2E-06	1.0E-03	5.6E-08	1.6E-01	3.8E-02	3.4E-10	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12
1.5E+01	1.2E-06	1.0E-03	2.0E-08	1.6E-01	3.8E-02	1.2E-10	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.7E-13
1.3E+01	1.2E-06	1.0E-03	1.7E-08	1.6E-01	3.8E-02	1.0E-10	8.9E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.4E-13
1.1E+01	1.2E-06	1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.6E-11	8.6E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.2E-13
9.6E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.4E-11	8.3E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.9E-13
8.3E+00	1.2E-06	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.4E-11	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.6E-13
7.3E+00	1.2E-06	1.0E-03	9.4E-09	1.6E-01	3.8E-02	5.7E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.4E-13
6.4E+00	1.2E-06	1.0E-03	8.3E-09	1.6E-01	3.8E-02	5.0E-11	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.1E-13
5.7E+00	1.2E-06	1.0E-03	7.3E-09	1.6E-01	3.8E-02	4.4E-11	7.1E-01	1.3E-07	1.0E-03	9.8E-11	1.6E-01	3.8E-02	5.9E-13
5.1E+00	1.2E-06	1.0E-03	6.6E-09	1.6E-01	3.8E-02	4.0E-11	6.8E-01	1.3E-07	1.0E-03	9.4E-11	1.6E-01	3.8E-02	5.7E-13
4.6E+00	1.2E-06	1.0E-03	5.9E-09	1.6E-01	3.8E-02	3.6E-11	6.6E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	3.8E-02	5.5E-13
1.3E+01	1.2E-06	1.0E-03	1.6E-08	1.6E-01	3.8E-02	9.7E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12
1.6E+01	1.2E-06	1.0E-03	2.0E-08	1.6E-01	3.8E-02	1.2E-10	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12
2.0E+01	1.2E-06	1.0E-03	2.5E-08	1.6E-01	3.8E-02	1.5E-10	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	3.8E-02	1.1E-12
2.4E+01	1.2E-06	1.0E-03	3.1E-08	1.6E-01	3.8E-02	1.9E-10	1.3E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.1E-12
3.0E+01	1.2E-06	1.0E-03	3.9E-08	1.6E-01	3.8E-02	2.4E-10	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12
1.3E+01	1.2E-06	1.0E-03	1.7E-08	1.6E-01	3.8E-02	1.0E-10	8.9E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.4E-13
1.2E+01	1.2E-06	1.0E-03	1.5E-08	1.6E-01	3.8E-02	9.0E-11	8.6E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.2E-13
1.0E+01	1.2E-06	1.0E-03	1.3E-08	1.6E-01	3.8E-02	7.8E-11	8.3E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.9E-13
8.7E+00	1.2E-06	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.8E-11	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.7E-13
7.7E+00	1.2E-06	1.0E-03	9.9E-09	1.6E-01	3.8E-02	5.9E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.4E-13
6.8E+00	1.2E-06	1.0E-03	8.7E-09	1.6E-01	3.8E-02	5.2E-11	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.2E-13
6.0E+00	1.2E-06	1.0E-03	7.7E-09	1.6E-01	3.8E-02	4.7E-11	7.2E-01	1.3E-07	1.0E-03	9.9E-11	1.6E-01	3.8E-02	6.0E-13
5.3E+00	1.2E-06	1.0E-03	6.9E-09	1.6E-01	3.8E-02	4.2E-11	6.9E-01	1.3E-07	1.0E-03	9.5E-11	1.6E-01	3.8E-02	5.8E-13
4.8E+00	1.2E-06	1.0E-03	6.2E-09	1.6E-01	3.8E-02	3.7E-11	6.6E-01	1.3E-07	1.0E-03	9.2E-11	1.6E-01	3.8E-02	5.5E-13
4.3E+00	1.2E-06	1.0E-03	5.6E-09	1.6E-01	3.8E-02	3.4E-11	6.4E-01	1.3E-07	1.0E-03	8.9E-11	1.6E-01	3.8E-02	5.3E-13
1.1E+01	1.2E-06	1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.3E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12
1.3E+01	1.2E-06	1.0E-03	1.7E-08	1.6E-01	3.8E-02	1.0E-10	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12

1.6E+01	1.2E-06	1.0E-03	2.0E-08	1.6E-01	3.8E-02	1.2E-10	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12
1.9E+01	1.2E-06	1.0E-03	2.4E-08	1.6E-01	3.8E-02	1.5E-10	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	3.8E-02	1.0E-12
2.2E+01	1.2E-06	1.0E-03	2.9E-08	1.6E-01	3.8E-02	1.7E-10	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.8E-13
1.2E+01	1.2E-06	1.0E-03	1.5E-08	1.6E-01	3.8E-02	9.1E-11	8.5E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.1E-13
1.0E+01	1.2E-06	1.0E-03	1.3E-08	1.6E-01	3.8E-02	8.0E-11	8.3E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.9E-13
9.0E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.0E-11	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.7E-13
7.9E+00	1.2E-06	1.0E-03	1.0E-08	1.6E-01	3.8E-02	6.2E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.4E-13
7.0E+00	1.2E-06	1.0E-03	9.0E-09	1.6E-01	3.8E-02	5.5E-11	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.2E-13
6.2E+00	1.2E-06	1.0E-03	8.0E-09	1.6E-01	3.8E-02	4.9E-11	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.0E-13
5.6E+00	1.2E-06	1.0E-03	7.2E-09	1.6E-01	3.8E-02	4.3E-11	7.0E-01	1.3E-07	1.0E-03	9.6E-11	1.6E-01	3.8E-02	5.8E-13
5.0E+00	1.2E-06	1.0E-03	6.5E-09	1.6E-01	3.8E-02	3.9E-11	6.7E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	3.8E-02	5.6E-13
4.5E+00	1.2E-06	1.0E-03	5.8E-09	1.6E-01	3.8E-02	3.5E-11	6.5E-01	1.3E-07	1.0E-03	8.9E-11	1.6E-01	3.8E-02	5.4E-13
4.1E+00	1.2E-06	1.0E-03	5.3E-09	1.6E-01	3.8E-02	3.2E-11	6.2E-01	1.3E-07	1.0E-03	8.6E-11	1.6E-01	3.8E-02	5.2E-13
9.1E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.0E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.9E-13
1.1E+01	1.2E-06	1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.3E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.8E-13
1.3E+01	1.2E-06	1.0E-03	1.6E-08	1.6E-01	3.8E-02	9.8E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.6E-13
1.5E+01	1.2E-06	1.0E-03	1.9E-08	1.6E-01	3.8E-02	1.2E-10	1.1E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.5E-13
1.7E+01	1.2E-06	1.0E-03	2.2E-08	1.6E-01	3.8E-02	1.3E-10	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.3E-13
1.0E+01	1.2E-06	1.0E-03	1.3E-08	1.6E-01	3.8E-02	8.0E-11	8.2E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.9E-13
9.1E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.1E-11	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.7E-13
8.1E+00	1.2E-06	1.0E-03	1.0E-08	1.6E-01	3.8E-02	6.3E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.4E-13
7.2E+00	1.2E-06	1.0E-03	9.3E-09	1.6E-01	3.8E-02	5.6E-11	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.2E-13
6.4E+00	1.2E-06	1.0E-03	8.3E-09	1.6E-01	3.8E-02	5.0E-11	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.0E-13
5.8E+00	1.2E-06	1.0E-03	7.4E-09	1.6E-01	3.8E-02	4.5E-11	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	3.8E-02	5.8E-13
5.2E+00	1.2E-06	1.0E-03	6.7E-09	1.6E-01	3.8E-02	4.0E-11	6.8E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	3.8E-02	5.6E-13
4.7E+00	1.2E-06	1.0E-03	6.0E-09	1.6E-01	3.8E-02	3.6E-11	6.5E-01	1.3E-07	1.0E-03	9.0E-11	1.6E-01	3.8E-02	5.4E-13
4.2E+00	1.2E-06	1.0E-03	5.5E-09	1.6E-01	3.8E-02	3.3E-11	6.3E-01	1.3E-07	1.0E-03	8.7E-11	1.6E-01	3.8E-02	5.3E-13
3.9E+00	1.2E-06	1.0E-03	5.0E-09	1.6E-01	3.8E-02	3.0E-11	6.1E-01	1.3E-07	1.0E-03	8.4E-11	1.6E-01	3.8E-02	5.1E-13
7.8E+00	1.2E-06	1.0E-03	1.0E-08	1.6E-01	3.8E-02	6.0E-11	1.1E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	3.8E-02	9.4E-13
9.0E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.0E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.3E-13
1.0E+01	1.2E-06	1.0E-03	1.3E-08	1.6E-01	3.8E-02	8.1E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.1E-13
1.2E+01	1.2E-06	1.0E-03	1.5E-08	1.6E-01	3.8E-02	9.3E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	9.0E-13
1.4E+01	1.2E-06	1.0E-03	1.8E-08	1.6E-01	3.8E-02	1.1E-10	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	8.9E-13
9.1E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.0E-11	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.6E-13
8.1E+00	1.2E-06	1.0E-03	1.0E-08	1.6E-01	3.8E-02	6.3E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.4E-13
7.3E+00	1.2E-06	1.0E-03	9.4E-09	1.6E-01	3.8E-02	5.7E-11	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.2E-13
6.6E+00	1.2E-06	1.0E-03	8.5E-09	1.6E-01	3.8E-02	5.1E-11	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.0E-13
5.9E+00	1.2E-06	1.0E-03	7.6E-09	1.6E-01	3.8E-02	4.6E-11	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	3.8E-02	5.8E-13
5.3E+00	1.2E-06	1.0E-03	6.9E-09	1.6E-01	3.8E-02	4.1E-11	6.8E-01	1.3E-07	1.0E-03	9.4E-11	1.6E-01	3.8E-02	5.7E-13
4.8E+00	1.2E-06	1.0E-03	6.2E-09	1.6E-01	3.8E-02	3.7E-11	6.6E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	3.8E-02	5.5E-13
4.4E+00	1.2E-06	1.0E-03	5.6E-09	1.6E-01	3.8E-02	3.4E-11	6.3E-01	1.3E-07	1.0E-03	8.8E-11	1.6E-01	3.8E-02	5.3E-13
4.0E+00	1.2E-06	1.0E-03	5.1E-09	1.6E-01	3.8E-02	3.1E-11	6.1E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	3.8E-02	5.1E-13
3.6E+00	1.2E-06	1.0E-03	4.7E-09	1.6E-01	3.8E-02	2.8E-11	5.9E-01	1.3E-07	1.0E-03	8.2E-11	1.6E-01	3.8E-02	4.9E-13
6.7E+00	1.2E-06	1.0E-03	8.7E-09	1.6E-01	3.8E-02	5.2E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	8.9E-13
7.7E+00	1.2E-06	1.0E-03	9.9E-09	1.6E-01	3.8E-02	6.0E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	3.8E-02	8.8E-13
8.8E+00	1.2E-06	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.8E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.7E-13

1.0E+01	1.2E-06	1.0E-03	1.3E-08	1.6E-01	3.8E-02	7.7E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.6E-13
1.1E+01	1.2E-06	1.0E-03	1.4E-08	1.6E-01	3.8E-02	8.7E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.4E-13
8.0E+00	1.2E-06	1.0E-03	1.0E-08	1.6E-01	3.8E-02	6.2E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.4E-13
7.3E+00	1.2E-06	1.0E-03	9.4E-09	1.6E-01	3.8E-02	5.7E-11	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.2E-13
6.6E+00	1.2E-06	1.0E-03	8.5E-09	1.6E-01	3.8E-02	5.1E-11	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.0E-13
6.0E+00	1.2E-06	1.0E-03	7.7E-09	1.6E-01	3.8E-02	4.6E-11	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	3.8E-02	5.8E-13
5.4E+00	1.2E-06	1.0E-03	7.0E-09	1.6E-01	3.8E-02	4.2E-11	6.8E-01	1.3E-07	1.0E-03	9.4E-11	1.6E-01	3.8E-02	5.7E-13
4.9E+00	1.2E-06	1.0E-03	6.4E-09	1.6E-01	3.8E-02	3.8E-11	6.6E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	3.8E-02	5.5E-13
4.5E+00	1.2E-06	1.0E-03	5.8E-09	1.6E-01	3.8E-02	3.5E-11	6.4E-01	1.3E-07	1.0E-03	8.8E-11	1.6E-01	3.8E-02	5.3E-13
4.1E+00	1.2E-06	1.0E-03	5.3E-09	1.6E-01	3.8E-02	3.2E-11	6.2E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	3.8E-02	5.1E-13
3.8E+00	1.2E-06	1.0E-03	4.8E-09	1.6E-01	3.8E-02	2.9E-11	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	3.8E-02	5.0E-13
3.4E+00	1.2E-06	1.0E-03	4.4E-09	1.6E-01	3.8E-02	2.7E-11	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	3.8E-02	4.8E-13
5.9E+00	1.2E-06	1.0E-03	7.6E-09	1.6E-01	3.8E-02	4.6E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.5E-13
6.6E+00	1.2E-06	1.0E-03	8.5E-09	1.6E-01	3.8E-02	5.1E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.4E-13
7.4E+00	1.2E-06	1.0E-03	9.5E-09	1.6E-01	3.8E-02	5.8E-11	9.9E-01	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.3E-13
8.3E+00	1.2E-06	1.0E-03	1.1E-08	1.6E-01	3.8E-02	6.5E-11	9.8E-01	1.3E-07	1.0E-03	1.4E-10	1.6E-01	3.8E-02	8.2E-13
9.2E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	3.8E-02	7.1E-11	9.7E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	8.1E-13
7.1E+00	1.2E-06	1.0E-03	9.2E-09	1.6E-01	3.8E-02	5.5E-11	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.2E-13
6.6E+00	1.2E-06	1.0E-03	8.4E-09	1.6E-01	3.8E-02	5.1E-11	7.2E-01	1.3E-07	1.0E-03	9.9E-11	1.6E-01	3.8E-02	6.0E-13
6.0E+00	1.2E-06	1.0E-03	7.7E-09	1.6E-01	3.8E-02	4.7E-11	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	3.8E-02	5.8E-13
5.5E+00	1.2E-06	1.0E-03	7.0E-09	1.6E-01	3.8E-02	4.2E-11	6.8E-01	1.3E-07	1.0E-03	9.4E-11	1.6E-01	3.8E-02	5.7E-13
5.0E+00	1.2E-06	1.0E-03	6.4E-09	1.6E-01	3.8E-02	3.9E-11	6.6E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	3.8E-02	5.5E-13
4.6E+00	1.2E-06	1.0E-03	5.9E-09	1.6E-01	3.8E-02	3.6E-11	6.4E-01	1.3E-07	1.0E-03	8.8E-11	1.6E-01	3.8E-02	5.3E-13
4.2E+00	1.2E-06	1.0E-03	5.4E-09	1.6E-01	3.8E-02	3.3E-11	6.2E-01	1.3E-07	1.0E-03	8.6E-11	1.6E-01	3.8E-02	5.2E-13
3.8E+00	1.2E-06	1.0E-03	5.0E-09	1.6E-01	3.8E-02	3.0E-11	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	3.8E-02	5.0E-13
3.5E+00	1.2E-06	1.0E-03	4.5E-09	1.6E-01	3.8E-02	2.7E-11	5.8E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	3.8E-02	4.9E-13
3.2E+00	1.2E-06	1.0E-03	4.2E-09	1.6E-01	3.8E-02	2.5E-11	5.6E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	3.8E-02	4.7E-13
5.2E+00	1.2E-06	1.0E-03	6.7E-09	1.6E-01	3.8E-02	4.0E-11	9.7E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	8.1E-13
5.8E+00	1.2E-06	1.0E-03	7.4E-09	1.6E-01	3.8E-02	4.5E-11	9.6E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	8.0E-13
6.4E+00	1.2E-06	1.0E-03	8.3E-09	1.6E-01	3.8E-02	5.0E-11	9.5E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.9E-13
7.1E+00	1.2E-06	1.0E-03	9.1E-09	1.6E-01	3.8E-02	5.5E-11	9.4E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.8E-13
7.8E+00	1.2E-06	1.0E-03	1.0E-08	1.6E-01	3.8E-02	6.0E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.7E-13
6.4E+00	1.2E-06	1.0E-03	8.2E-09	1.6E-01	3.8E-02	5.0E-11	7.1E-01	1.3E-07	1.0E-03	9.9E-11	1.6E-01	3.8E-02	5.9E-13
5.9E+00	1.2E-06	1.0E-03	7.6E-09	1.6E-01	3.8E-02	4.6E-11	6.9E-01	1.3E-07	1.0E-03	9.6E-11	1.6E-01	3.8E-02	5.8E-13
5.4E+00	1.2E-06	1.0E-03	7.0E-09	1.6E-01	3.8E-02	4.2E-11	6.7E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	3.8E-02	5.6E-13
5.0E+00	1.2E-06	1.0E-03	6.4E-09	1.6E-01	3.8E-02	3.9E-11	6.6E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	3.8E-02	5.5E-13
4.6E+00	1.2E-06	1.0E-03	5.9E-09	1.6E-01	3.8E-02	3.6E-11	6.4E-01	1.3E-07	1.0E-03	8.8E-11	1.6E-01	3.8E-02	5.3E-13
4.2E+00	1.2E-06	1.0E-03	5.4E-09	1.6E-01	3.8E-02	3.3E-11	6.2E-01	1.3E-07	1.0E-03	8.6E-11	1.6E-01	3.8E-02	5.2E-13
3.9E+00	1.2E-06	1.0E-03	5.0E-09	1.6E-01	3.8E-02	3.0E-11	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	3.8E-02	5.0E-13
3.6E+00	1.2E-06	1.0E-03	4.6E-09	1.6E-01	3.8E-02	2.8E-11	5.8E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	3.8E-02	4.9E-13
3.3E+00	1.2E-06	1.0E-03	4.3E-09	1.6E-01	3.8E-02	2.6E-11	5.7E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	3.8E-02	4.7E-13
3.0E+00	1.2E-06	1.0E-03	3.9E-09	1.6E-01	3.8E-02	2.4E-11	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	3.8E-02	4.6E-13
4.6E+00	1.2E-06	1.0E-03	5.9E-09	1.6E-01	3.8E-02	3.6E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.7E-13
5.1E+00	1.2E-06	1.0E-03	6.5E-09	1.6E-01	3.8E-02	3.9E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.6E-13
5.6E+00	1.2E-06	1.0E-03	7.2E-09	1.6E-01	3.8E-02	4.3E-11	9.0E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	3.8E-02	7.5E-13
6.1E+00	1.2E-06	1.0E-03	7.9E-09	1.6E-01	3.8E-02	4.8E-11	8.9E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.5E-13

6.6E+00	1.2E-06	1.0E-03	8.5E-09	1.6E-01	3.8E-02	5.1E-11	8.8E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.4E-13
5.7E+00	1.2E-06	1.0E-03	7.4E-09	1.6E-01	3.8E-02	4.4E-11	6.9E-01	1.3E-07	1.0E-03	9.5E-11	1.6E-01	3.8E-02	5.7E-13
5.3E+00	1.2E-06	1.0E-03	6.9E-09	1.6E-01	3.8E-02	4.1E-11	6.7E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	3.8E-02	5.6E-13
4.9E+00	1.2E-06	1.0E-03	6.4E-09	1.6E-01	3.8E-02	3.8E-11	6.5E-01	1.3E-07	1.0E-03	9.0E-11	1.6E-01	3.8E-02	5.4E-13
4.6E+00	1.2E-06	1.0E-03	5.9E-09	1.6E-01	3.8E-02	3.5E-11	6.3E-01	1.3E-07	1.0E-03	8.8E-11	1.6E-01	3.8E-02	5.3E-13
4.2E+00	1.2E-06	1.0E-03	5.4E-09	1.6E-01	3.8E-02	3.2E-11	6.1E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	3.8E-02	5.1E-13
3.8E+00	1.2E-06	1.0E-03	5.0E-09	1.6E-01	3.8E-02	3.0E-11	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	3.8E-02	5.0E-13
3.6E+00	1.2E-06	1.0E-03	4.6E-09	1.6E-01	3.8E-02	2.8E-11	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	3.8E-02	4.8E-13
3.3E+00	1.2E-06	1.0E-03	4.3E-09	1.6E-01	3.8E-02	2.6E-11	5.6E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	3.8E-02	4.7E-13
3.1E+00	1.2E-06	1.0E-03	4.0E-09	1.6E-01	3.8E-02	2.4E-11	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	3.8E-02	4.6E-13
2.8E+00	1.2E-06	1.0E-03	3.7E-09	1.6E-01	3.8E-02	2.2E-11	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	3.8E-02	4.4E-13
4.1E+00	1.2E-06	1.0E-03	5.3E-09	1.6E-01	3.8E-02	3.2E-11	8.8E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.4E-13
4.5E+00	1.2E-06	1.0E-03	5.8E-09	1.6E-01	3.8E-02	3.5E-11	8.7E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.3E-13
4.9E+00	1.2E-06	1.0E-03	6.3E-09	1.6E-01	3.8E-02	3.8E-11	8.6E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.2E-13
5.3E+00	1.2E-06	1.0E-03	6.9E-09	1.6E-01	3.8E-02	4.1E-11	8.5E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.1E-13
5.7E+00	1.2E-06	1.0E-03	7.4E-09	1.6E-01	3.8E-02	4.4E-11	8.4E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.0E-13
4.9E+00	1.2E-06	1.0E-03	6.2E-09	1.6E-01	3.8E-02	3.8E-11	6.5E-01	1.3E-07	1.0E-03	9.0E-11	1.6E-01	3.8E-02	5.4E-13
4.5E+00	1.2E-06	1.0E-03	5.8E-09	1.6E-01	3.8E-02	3.5E-11	6.3E-01	1.3E-07	1.0E-03	8.7E-11	1.6E-01	3.8E-02	5.3E-13
4.2E+00	1.2E-06	1.0E-03	5.4E-09	1.6E-01	3.8E-02	3.3E-11	6.1E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	3.8E-02	5.1E-13
3.8E+00	1.2E-06	1.0E-03	4.8E-09	1.6E-01	3.8E-02	2.9E-11	5.9E-01	1.3E-07	1.0E-03	8.2E-11	1.6E-01	3.8E-02	4.9E-13
3.5E+00	1.2E-06	1.0E-03	4.5E-09	1.6E-01	3.8E-02	2.7E-11	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	3.8E-02	4.8E-13
3.2E+00	1.2E-06	1.0E-03	4.2E-09	1.6E-01	3.8E-02	2.5E-11	5.6E-01	1.3E-07	1.0E-03	7.7E-11	1.6E-01	3.8E-02	4.6E-13
3.0E+00	1.2E-06	1.0E-03	3.9E-09	1.6E-01	3.8E-02	2.3E-11	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	3.8E-02	4.5E-13
2.8E+00	1.2E-06	1.0E-03	3.6E-09	1.6E-01	3.8E-02	2.2E-11	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	3.8E-02	4.4E-13
2.6E+00	1.2E-06	1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.0E-11	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	3.8E-02	4.3E-13
3.7E+00	1.2E-06	1.0E-03	4.7E-09	1.6E-01	3.8E-02	2.9E-11	8.4E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.0E-13
4.0E+00	1.2E-06	1.0E-03	5.2E-09	1.6E-01	3.8E-02	3.1E-11	8.4E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	3.8E-02	7.0E-13
4.3E+00	1.2E-06	1.0E-03	5.6E-09	1.6E-01	3.8E-02	3.4E-11	8.3E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.9E-13
4.7E+00	1.2E-06	1.0E-03	6.0E-09	1.6E-01	3.8E-02	3.6E-11	8.2E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.8E-13
5.0E+00	1.2E-06	1.0E-03	6.4E-09	1.6E-01	3.8E-02	3.9E-11	8.1E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.7E-13
4.2E+00	1.2E-06	1.0E-03	5.4E-09	1.6E-01	3.8E-02	3.2E-11	6.1E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	3.8E-02	5.1E-13
3.9E+00	1.2E-06	1.0E-03	5.0E-09	1.6E-01	3.8E-02	3.0E-11	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	3.8E-02	5.0E-13
3.6E+00	1.2E-06	1.0E-03	4.6E-09	1.6E-01	3.8E-02	2.8E-11	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	3.8E-02	4.8E-13
3.3E+00	1.2E-06	1.0E-03	4.3E-09	1.6E-01	3.8E-02	2.6E-11	5.6E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	3.8E-02	4.7E-13
3.1E+00	1.2E-06	1.0E-03	4.0E-09	1.6E-01	3.8E-02	2.4E-11	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	3.8E-02	4.6E-13
2.9E+00	1.2E-06	1.0E-03	3.7E-09	1.6E-01	3.8E-02	2.2E-11	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	3.8E-02	4.4E-13
2.7E+00	1.2E-06	1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.1E-11	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	3.8E-02	4.3E-13
2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	3.8E-02	4.1E-13
3.3E+00	1.2E-06	1.0E-03	4.3E-09	1.6E-01	3.8E-02	2.6E-11	8.1E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.7E-13
3.6E+00	1.2E-06	1.0E-03	4.6E-09	1.6E-01	3.8E-02	2.8E-11	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.7E-13
3.9E+00	1.2E-06	1.0E-03	5.0E-09	1.6E-01	3.8E-02	3.0E-11	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.6E-13
4.1E+00	1.2E-06	1.0E-03	5.3E-09	1.6E-01	3.8E-02	3.2E-11	7.8E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.5E-13
4.4E+00	1.2E-06	1.0E-03	5.7E-09	1.6E-01	3.8E-02	3.4E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.5E-13
3.6E+00	1.2E-06	1.0E-03	4.7E-09	1.6E-01	3.8E-02	2.8E-11	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	3.8E-02	4.8E-13
3.4E+00	1.2E-06	1.0E-03	4.4E-09	1.6E-01	3.8E-02	2.7E-11	5.7E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	3.8E-02	4.7E-13
3.2E+00	1.2E-06	1.0E-03	4.1E-09	1.6E-01	3.8E-02	2.5E-11	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	3.8E-02	4.6E-13

3.0E+00	1.2E-06	1.0E-03	3.9E-09	1.6E-01	3.8E-02	2.3E-11	5.4E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	3.8E-02	4.5E-13
2.8E+00	1.2E-06	1.0E-03	3.6E-09	1.6E-01	3.8E-02	2.2E-11	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	3.8E-02	4.4E-13
2.6E+00	1.2E-06	1.0E-03	3.3E-09	1.6E-01	3.8E-02	2.0E-11	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	3.8E-02	4.2E-13
2.4E+00	1.2E-06	1.0E-03	3.1E-09	1.6E-01	3.8E-02	1.9E-11	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	3.8E-02	4.1E-13
3.0E+00	1.2E-06	1.0E-03	3.9E-09	1.6E-01	3.8E-02	2.3E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.4E-13
3.3E+00	1.2E-06	1.0E-03	4.2E-09	1.6E-01	3.8E-02	2.5E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.4E-13
3.5E+00	1.2E-06	1.0E-03	4.5E-09	1.6E-01	3.8E-02	2.7E-11	7.6E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	3.8E-02	6.3E-13
3.7E+00	1.2E-06	1.0E-03	4.8E-09	1.6E-01	3.8E-02	2.9E-11	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.3E-13
3.9E+00	1.2E-06	1.0E-03	5.0E-09	1.6E-01	3.8E-02	3.0E-11	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.2E-13
3.2E+00	1.2E-06	1.0E-03	4.1E-09	1.6E-01	3.8E-02	2.5E-11	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	3.8E-02	4.6E-13
3.0E+00	1.2E-06	1.0E-03	3.9E-09	1.6E-01	3.8E-02	2.3E-11	5.4E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	3.8E-02	4.5E-13
2.8E+00	1.2E-06	1.0E-03	3.6E-09	1.6E-01	3.8E-02	2.2E-11	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	3.8E-02	4.4E-13
2.7E+00	1.2E-06	1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.1E-11	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	3.8E-02	4.2E-13
2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	3.8E-02	4.1E-13
2.3E+00	1.2E-06	1.0E-03	3.0E-09	1.6E-01	3.8E-02	1.8E-11	4.8E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	3.8E-02	4.0E-13
2.7E+00	1.2E-06	1.0E-03	3.5E-09	1.6E-01	3.8E-02	2.1E-11	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.2E-13
2.9E+00	1.2E-06	1.0E-03	3.8E-09	1.6E-01	3.8E-02	2.3E-11	7.3E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.1E-13
3.1E+00	1.2E-06	1.0E-03	4.0E-09	1.6E-01	3.8E-02	2.4E-11	7.3E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.1E-13
3.3E+00	1.2E-06	1.0E-03	4.3E-09	1.6E-01	3.8E-02	2.6E-11	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	3.8E-02	6.0E-13
3.5E+00	1.2E-06	1.0E-03	4.5E-09	1.6E-01	3.8E-02	2.7E-11	7.1E-01	1.3E-07	1.0E-03	9.9E-11	1.6E-01	3.8E-02	6.0E-13
3.0E+00	1.2E-06	1.0E-03	3.8E-09	1.6E-01	3.8E-02	2.3E-11	5.3E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	3.8E-02	4.5E-13
2.8E+00	1.2E-06	1.0E-03	3.6E-09	1.6E-01	3.8E-02	2.2E-11	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	3.8E-02	4.4E-13
2.7E+00	1.2E-06	1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.1E-11	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	3.8E-02	4.2E-13
2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	3.8E-02	2.0E-11	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	3.8E-02	4.1E-13
2.4E+00	1.2E-06	1.0E-03	3.0E-09	1.6E-01	3.8E-02	1.8E-11	4.8E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	3.8E-02	4.0E-13
2.2E+00	1.2E-06	1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	3.8E-02	3.9E-13
2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	3.8E-02	2.0E-11	7.1E-01	1.3E-07	1.0E-03	9.8E-11	1.6E-01	3.8E-02	5.9E-13
2.7E+00	1.2E-06	1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.1E-11	7.0E-01	1.3E-07	1.0E-03	9.8E-11	1.6E-01	3.8E-02	5.9E-13
2.8E+00	1.2E-06	1.0E-03	3.7E-09	1.6E-01	3.8E-02	2.2E-11	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	3.8E-02	5.8E-13
3.0E+00	1.2E-06	1.0E-03	3.9E-09	1.6E-01	3.8E-02	2.3E-11	6.9E-01	1.3E-07	1.0E-03	9.6E-11	1.6E-01	3.8E-02	5.8E-13
3.1E+00	1.2E-06	1.0E-03	4.0E-09	1.6E-01	3.8E-02	2.4E-11	6.9E-01	1.3E-07	1.0E-03	9.5E-11	1.6E-01	3.8E-02	5.7E-13
2.8E+00	1.2E-06	1.0E-03	3.6E-09	1.6E-01	3.8E-02	2.2E-11	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	3.8E-02	4.3E-13
2.6E+00	1.2E-06	1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.1E-11	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	3.8E-02	4.2E-13
2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	3.8E-02	4.1E-13
2.4E+00	1.2E-06	1.0E-03	3.1E-09	1.6E-01	3.8E-02	1.8E-11	4.8E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	3.8E-02	4.0E-13
2.2E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.7E-11	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	3.8E-02	3.9E-13
2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	3.8E-02	3.8E-13
2.3E+00	1.2E-06	1.0E-03	3.0E-09	1.6E-01	3.8E-02	1.8E-11	6.8E-01	1.3E-07	1.0E-03	9.4E-11	1.6E-01	3.8E-02	5.7E-13
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2.7E+00	1.2E-06	1.0E-03	3.5E-09	1.6E-01	3.8E-02	2.1E-11	6.7E-01	1.3E-07	1.0E-03	9.2E-11	1.6E-01	3.8E-02	5.6E-13
2.8E+00	1.2E-06	1.0E-03	3.7E-09	1.6E-01	3.8E-02	2.2E-11	6.6E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	3.8E-02	5.5E-13
2.6E+00	1.2E-06	1.0E-03	3.3E-09	1.6E-01	3.8E-02	2.0E-11	5.0E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	3.8E-02	4.2E-13
2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	3.8E-02	4.1E-13
2.4E+00	1.2E-06	1.0E-03	3.0E-09	1.6E-01	3.8E-02	1.8E-11	4.8E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	3.8E-02	4.0E-13
2.2E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.7E-11	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	3.8E-02	3.9E-13

2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.7E-11	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	3.8E-02	3.8E-13
2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	3.8E-02	3.7E-13
2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	6.5E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	3.8E-02	5.5E-13
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2.4E+00	1.2E-06	1.0E-03	3.0E-09	1.6E-01	3.8E-02	1.8E-11	6.5E-01	1.3E-07	1.0E-03	8.9E-11	1.6E-01	3.8E-02	5.4E-13
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2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	3.8E-02	3.8E-13
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2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	6.3E-01	1.3E-07	1.0E-03	8.7E-11	1.6E-01	3.8E-02	5.2E-13
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2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	3.8E-02	2.0E-11	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	3.8E-02	5.0E-13
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2.6E+00	1.2E-06	1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.0E-11	5.8E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	3.8E-02	4.9E-13
2.7E+00	1.2E-06	1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.1E-11	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	3.8E-02	4.8E-13
2.7E+00	1.2E-06	1.0E-03	3.5E-09	1.6E-01	3.8E-02	2.1E-11	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	3.8E-02	4.7E-13
2.7E+00	1.2E-06	1.0E-03	3.5E-09	1.6E-01	3.8E-02	2.1E-11	5.6E-01	1.3E-07	1.0E-03	7.7E-11	1.6E-01	3.8E-02	4.7E-13
2.7E+00	1.2E-06	1.0E-03	3.5E-09	1.6E-01	3.8E-02	2.1E-11	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	3.8E-02	4.6E-13
2.7E+00	1.2E-06	1.0E-03	3.5E-09	1.6E-01	3.8E-02	2.1E-11	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	3.8E-02	4.5E-13
2.7E+00	1.2E-06	1.0E-03	3.4E-09	1.6E-01	3.8E-02	2.1E-11	5.3E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	3.8E-02	4.4E-13
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2.6E+00	1.2E-06	1.0E-03	3.3E-09	1.6E-01	3.8E-02	2.0E-11	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	3.8E-02	4.3E-13
2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	3.8E-02	4.2E-13
2.4E+00	1.2E-06	1.0E-03	3.1E-09	1.6E-01	3.8E-02	1.9E-11	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	3.8E-02	4.1E-13
2.3E+00	1.2E-06	1.0E-03	3.0E-09	1.6E-01	3.8E-02	1.8E-11	4.9E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	3.8E-02	4.1E-13
2.3E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.8E-11	4.8E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	3.8E-02	4.0E-13
2.2E+00	1.2E-06	1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	3.8E-02	3.9E-13
2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	4.6E-01	1.3E-07	1.0E-03	6.3E-11	1.6E-01	3.8E-02	3.8E-13
2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	3.8E-02	3.7E-13
1.9E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11	4.4E-01	1.3E-07	1.0E-03	6.1E-11	1.6E-01	3.8E-02	3.7E-13
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1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	6.1E-01	1.3E-07	1.0E-03	8.4E-11	1.6E-01	3.8E-02	5.0E-13
1.9E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	3.8E-02	5.0E-13
2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.5E-11	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	3.8E-02	5.0E-13
2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	5.9E-01	1.3E-07	1.0E-03	8.2E-11	1.6E-01	3.8E-02	4.9E-13
2.2E+00	1.2E-06	1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11	5.9E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	3.8E-02	4.9E-13
2.2E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.7E-11	5.8E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	3.8E-02	4.9E-13
2.3E+00	1.2E-06	1.0E-03	3.0E-09	1.6E-01	3.8E-02	1.8E-11	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	3.8E-02	4.8E-13

2.4E+00	1.2E-06	1.0E-03	3.0E-09	1.6E-01	3.8E-02	1.8E-11	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	3.8E-02	4.8E-13
2.4E+00	1.2E-06	1.0E-03	3.1E-09	1.6E-01	3.8E-02	1.9E-11	5.6E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	3.8E-02	4.7E-13
2.4E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	5.6E-01	1.3E-07	1.0E-03	7.7E-11	1.6E-01	3.8E-02	4.6E-13
2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	3.8E-02	4.6E-13
2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	3.8E-02	4.5E-13
2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	5.3E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	3.8E-02	4.4E-13
2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	5.2E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	3.8E-02	4.4E-13
2.4E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	3.8E-02	1.9E-11	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	3.8E-02	4.3E-13
2.4E+00	1.2E-06	1.0E-03	3.1E-09	1.6E-01	3.8E-02	1.9E-11	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	3.8E-02	4.2E-13
2.4E+00	1.2E-06	1.0E-03	3.1E-09	1.6E-01	3.8E-02	1.8E-11	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	3.8E-02	4.2E-13
2.3E+00	1.2E-06	1.0E-03	3.0E-09	1.6E-01	3.8E-02	1.8E-11	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	3.8E-02	4.1E-13
2.3E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	3.8E-02	1.8E-11	4.8E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	3.8E-02	4.0E-13
2.2E+00	1.2E-06	1.0E-03	2.8E-09	1.6E-01	3.8E-02	1.7E-11	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	3.8E-02	3.9E-13
2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	3.8E-02	3.9E-13
2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11	4.5E-01	1.3E-07	1.0E-03	6.3E-11	1.6E-01	3.8E-02	3.8E-13
2.0E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	3.8E-02	3.7E-13
1.9E+00	1.2E-06	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.5E-11	4.4E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	3.8E-02	3.6E-13
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	4.3E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	3.8E-02	3.6E-13
1.7E+00	1.2E-06	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.4E-11	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	3.8E-02	3.5E-13
1.7E+00	1.2E-06	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	5.8E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	3.8E-02	4.9E-13
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	3.8E-02	4.8E-13
1.8E+00	1.2E-06	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.4E-11	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	3.8E-02	4.8E-13
1.9E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	3.8E-02	4.8E-13
2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.5E-11	5.7E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	3.8E-02	4.7E-13
2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	5.6E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	3.8E-02	4.7E-13
2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	5.6E-01	1.3E-07	1.0E-03	7.7E-11	1.6E-01	3.8E-02	4.6E-13
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1.9E+00	1.2E-06	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.4E-11	4.3E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	3.8E-02	3.6E-13
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	4.2E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	3.8E-02	3.5E-13
1.7E+00	1.2E-06	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	3.8E-02	3.5E-13
1.7E+00	1.2E-06	1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11	4.1E-01	1.3E-07	1.0E-03	5.6E-11	1.6E-01	3.8E-02	3.4E-13
1.6E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	5.6E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	3.8E-02	4.7E-13

1.6E+00	1.2E-06	1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11	5.6E-01	1.3E-07	1.0E-03	7.7E-11	1.6E-01	3.8E-02	4.7E-13
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1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	3.8E-02	4.6E-13
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1.9E+00	1.2E-06	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.5E-11	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	3.8E-02	4.5E-13
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2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	3.8E-02	4.4E-13
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2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	3.8E-02	4.3E-13
2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	3.8E-02	4.2E-13
2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	3.8E-02	4.2E-13
2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	3.8E-02	4.1E-13
2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	4.9E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	3.8E-02	4.0E-13
2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	3.8E-02	1.6E-11	4.8E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	3.8E-02	4.0E-13
2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	3.8E-02	1.6E-11	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	3.8E-02	3.9E-13
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1.9E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	3.8E-02	3.7E-13
1.9E+00	1.2E-06	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.4E-11	4.4E-01	1.3E-07	1.0E-03	6.1E-11	1.6E-01	3.8E-02	3.7E-13
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	4.3E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	3.8E-02	3.6E-13
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	3.8E-02	3.5E-13
1.7E+00	1.2E-06	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	4.1E-01	1.3E-07	1.0E-03	5.7E-11	1.6E-01	3.8E-02	3.5E-13
1.6E+00	1.2E-06	1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11	4.1E-01	1.3E-07	1.0E-03	5.6E-11	1.6E-01	3.8E-02	3.4E-13
1.6E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	4.0E-01	1.3E-07	1.0E-03	5.5E-11	1.6E-01	3.8E-02	3.3E-13
1.5E+00	1.2E-06	1.0E-03	1.9E-09	1.6E-01	3.8E-02	1.1E-11	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	3.8E-02	4.5E-13
1.5E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	5.4E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	3.8E-02	4.5E-13
1.6E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	3.8E-02	1.2E-11	5.3E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	3.8E-02	4.5E-13
1.6E+00	1.2E-06	1.0E-03	2.1E-09	1.6E-01	3.8E-02	1.3E-11	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	3.8E-02	4.4E-13
1.7E+00	1.2E-06	1.0E-03	2.2E-09	1.6E-01	3.8E-02	1.3E-11	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	3.8E-02	4.4E-13
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	3.8E-02	4.4E-13
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	3.8E-02	1.4E-11	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	3.8E-02	4.3E-13
1.8E+00	1.2E-06	1.0E-03	2.4E-09	1.6E-01	3.8E-02	1.4E-11	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	3.8E-02	4.3E-13
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1.9E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	3.8E-02	4.2E-13
1.9E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	3.8E-02	4.1E-13
1.9E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	3.8E-02	4.1E-13
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2.0E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11	4.8E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	3.8E-02	4.0E-13
1.9E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	3.8E-02	3.9E-13
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1.9E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	3.8E-02	1.5E-11	4.6E-01	1.3E-07	1.0E-03	6.3E-11	1.6E-01	3.8E-02	3.8E-13
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3.07283E-06
3.00014E-06
2.92058E-06
2.83721E-06
2.74983E-06
2.66082E-06

Risk From New Building Demo - Mitigated Residential

Franklin School Project

Risk From New Building Demo - Mitigated Residential

	0.57	Max					Onsite		
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
1	0.00	2.1E-09	2.0E-01	1.1E-03	1.0E-03	2.3E-07	1.6E-01	5.5E-02	2.0E-09
2	0.00	2.3E-09	2.2E-01	1.1E-03	1.0E-03	2.6E-07	1.6E-01	5.5E-02	2.2E-09
3	0.00	2.6E-09	2.4E-01	1.1E-03	1.0E-03	2.8E-07	1.6E-01	5.5E-02	2.4E-09
4	0.00	2.8E-09	2.6E-01	1.1E-03	1.0E-03	3.1E-07	1.6E-01	5.5E-02	2.7E-09
5	0.00	3.1E-09	2.9E-01	1.1E-03	1.0E-03	3.4E-07	1.6E-01	5.5E-02	2.9E-09
6	0.00	3.3E-09	3.1E-01	1.1E-03	1.0E-03	3.6E-07	1.6E-01	5.5E-02	3.1E-09
7	0.00	3.5E-09	3.3E-01	1.1E-03	1.0E-03	3.9E-07	1.6E-01	5.5E-02	3.4E-09
8	0.00	3.7E-09	3.5E-01	1.1E-03	1.0E-03	4.1E-07	1.6E-01	5.5E-02	3.6E-09
9	0.00	4.0E-09	3.7E-01	1.1E-03	1.0E-03	4.4E-07	1.6E-01	5.5E-02	3.8E-09
10	0.00	4.2E-09	3.9E-01	1.1E-03	1.0E-03	4.6E-07	1.6E-01	5.5E-02	4.0E-09
11	0.00	4.5E-09	4.2E-01	1.1E-03	1.0E-03	5.0E-07	1.6E-01	5.5E-02	4.3E-09
12	0.00	4.8E-09	4.5E-01	1.1E-03	1.0E-03	5.4E-07	1.6E-01	5.5E-02	4.6E-09
13	0.01	5.1E-09	4.8E-01	1.1E-03	1.0E-03	5.7E-07	1.6E-01	5.5E-02	4.9E-09
14	0.01	5.3E-09	5.0E-01	1.1E-03	1.0E-03	6.0E-07	1.6E-01	5.5E-02	5.1E-09
15	0.01	5.5E-09	5.2E-01	1.1E-03	1.0E-03	6.2E-07	1.6E-01	5.5E-02	5.3E-09
16	0.01	5.5E-09	5.3E-01	1.1E-03	1.0E-03	6.2E-07	1.6E-01	5.5E-02	5.4E-09
17	0.00	2.4E-09	2.2E-01	1.1E-03	1.0E-03	2.6E-07	1.6E-01	5.5E-02	2.3E-09
18	0.00	2.7E-09	2.5E-01	1.1E-03	1.0E-03	2.9E-07	1.6E-01	5.5E-02	2.5E-09
19	0.00	3.0E-09	2.8E-01	1.1E-03	1.0E-03	3.3E-07	1.6E-01	5.5E-02	2.8E-09
20	0.00	3.4E-09	3.1E-01	1.1E-03	1.0E-03	3.6E-07	1.6E-01	5.5E-02	3.1E-09
21	0.00	3.7E-09	3.4E-01	1.1E-03	1.0E-03	4.0E-07	1.6E-01	5.5E-02	3.5E-09
22	0.00	4.0E-09	3.7E-01	1.1E-03	1.0E-03	4.4E-07	1.6E-01	5.5E-02	3.8E-09
23	0.00	4.4E-09	4.0E-01	1.1E-03	1.0E-03	4.8E-07	1.6E-01	5.5E-02	4.1E-09
24	0.00	4.6E-09	4.3E-01	1.1E-03	1.0E-03	5.1E-07	1.6E-01	5.5E-02	4.4E-09
25	0.00	5.0E-09	4.6E-01	1.1E-03	1.0E-03	5.5E-07	1.6E-01	5.5E-02	4.7E-09
26	0.01	5.3E-09	4.9E-01	1.1E-03	1.0E-03	5.8E-07	1.6E-01	5.5E-02	5.0E-09
27	0.01	5.8E-09	5.4E-01	1.1E-03	1.0E-03	6.4E-07	1.6E-01	5.5E-02	5.5E-09
28	0.01	6.2E-09	5.9E-01	1.1E-03	1.0E-03	6.9E-07	1.6E-01	5.5E-02	6.0E-09
29	0.01	6.6E-09	6.2E-01	1.1E-03	1.0E-03	7.4E-07	1.6E-01	5.5E-02	6.3E-09
30	0.01	6.8E-09	6.5E-01	1.1E-03	1.0E-03	7.7E-07	1.6E-01	5.5E-02	6.6E-09
31	0.01	6.9E-09	6.6E-01	1.1E-03	1.0E-03	7.8E-07	1.6E-01	5.5E-02	6.7E-09
32	0.01	6.8E-09	6.5E-01	1.1E-03	1.0E-03	7.7E-07	1.6E-01	5.5E-02	6.7E-09
33	0.00	2.7E-09	2.5E-01	1.1E-03	1.0E-03	2.9E-07	1.6E-01	5.5E-02	2.5E-09
34	0.00	3.1E-09	2.8E-01	1.1E-03	1.0E-03	3.3E-07	1.6E-01	5.5E-02	2.9E-09
35	0.00	3.5E-09	3.2E-01	1.1E-03	1.0E-03	3.8E-07	1.6E-01	5.5E-02	3.3E-09
36	0.00	3.9E-09	3.6E-01	1.1E-03	1.0E-03	4.3E-07	1.6E-01	5.5E-02	3.7E-09
37	0.00	4.4E-09	4.1E-01	1.1E-03	1.0E-03	4.8E-07	1.6E-01	5.5E-02	4.2E-09
38	0.00	4.9E-09	4.6E-01	1.1E-03	1.0E-03	5.4E-07	1.6E-01	5.5E-02	4.7E-09
39	0.01	5.5E-09	5.1E-01	1.1E-03	1.0E-03	6.0E-07	1.6E-01	5.5E-02	5.1E-09

40	0.01	6.0E-09	5.5E-01	1.1E-03	1.0E-03	6.5E-07	1.6E-01	5.5E-02	5.6E-09
41	0.01	6.4E-09	5.9E-01	1.1E-03	1.0E-03	7.0E-07	1.6E-01	5.5E-02	6.1E-09
42	0.01	7.0E-09	6.5E-01	1.1E-03	1.0E-03	7.6E-07	1.6E-01	5.5E-02	6.6E-09
43	0.01	7.7E-09	7.2E-01	1.1E-03	1.0E-03	8.5E-07	1.6E-01	5.5E-02	7.3E-09
44	0.01	8.3E-09	7.8E-01	1.1E-03	1.0E-03	9.3E-07	1.6E-01	5.5E-02	8.0E-09
45	0.01	8.7E-09	8.3E-01	1.1E-03	1.0E-03	9.8E-07	1.6E-01	5.5E-02	8.4E-09
46	0.01	8.9E-09	8.5E-01	1.1E-03	1.0E-03	1.0E-06	1.6E-01	5.5E-02	8.6E-09
47	0.01	8.8E-09	8.4E-01	1.1E-03	1.0E-03	1.0E-06	1.6E-01	5.5E-02	8.6E-09
48	0.01	8.5E-09	8.1E-01	1.1E-03	1.0E-03	9.6E-07	1.6E-01	5.5E-02	8.3E-09
49	0.00	3.0E-09	2.8E-01	1.1E-03	1.0E-03	3.3E-07	1.6E-01	5.5E-02	2.9E-09
50	0.00	3.5E-09	3.2E-01	1.1E-03	1.0E-03	3.8E-07	1.6E-01	5.5E-02	3.3E-09
51	0.00	4.0E-09	3.8E-01	1.1E-03	1.0E-03	4.4E-07	1.6E-01	5.5E-02	3.8E-09
52	0.00	4.7E-09	4.4E-01	1.1E-03	1.0E-03	5.2E-07	1.6E-01	5.5E-02	4.4E-09
53	0.01	5.5E-09	5.0E-01	1.1E-03	1.0E-03	6.0E-07	1.6E-01	5.5E-02	5.1E-09
54	0.01	6.3E-09	5.8E-01	1.1E-03	1.0E-03	6.8E-07	1.6E-01	5.5E-02	5.9E-09
55	0.01	7.1E-09	6.5E-01	1.1E-03	1.0E-03	7.7E-07	1.6E-01	5.5E-02	6.6E-09
56	0.01	7.9E-09	7.2E-01	1.1E-03	1.0E-03	8.5E-07	1.6E-01	5.5E-02	7.3E-09
57	0.01	8.7E-09	7.9E-01	1.1E-03	1.0E-03	9.4E-07	1.6E-01	5.5E-02	8.1E-09
58	0.01	9.6E-09	8.9E-01	1.1E-03	1.0E-03	1.0E-06	1.6E-01	5.5E-02	9.0E-09
59	0.01	1.1E-08	1.0E+00	1.1E-03	1.0E-03	1.2E-06	1.6E-01	5.5E-02	1.0E-08
60	0.01	1.2E-08	1.1E+00	1.1E-03	1.0E-03	1.3E-06	1.6E-01	5.5E-02	1.1E-08
61	0.01	1.2E-08	1.1E+00	1.1E-03	1.0E-03	1.3E-06	1.6E-01	5.5E-02	1.2E-08
62	0.01	1.2E-08	1.1E+00	1.1E-03	1.0E-03	1.3E-06	1.6E-01	5.5E-02	1.1E-08
63	0.01	1.1E-08	1.1E+00	1.1E-03	1.0E-03	1.3E-06	1.6E-01	5.5E-02	1.1E-08
64	0.01	1.0E-08	1.0E+00	1.1E-03	1.0E-03	1.2E-06	1.6E-01	5.5E-02	1.0E-08
65	0.00	3.4E-09	3.1E-01	1.1E-03	1.0E-03	3.7E-07	1.6E-01	5.5E-02	3.2E-09
66	0.00	4.0E-09	3.7E-01	1.1E-03	1.0E-03	4.4E-07	1.6E-01	5.5E-02	3.8E-09
67	0.00	4.8E-09	4.4E-01	1.1E-03	1.0E-03	5.2E-07	1.6E-01	5.5E-02	4.5E-09
68	0.01	5.7E-09	5.3E-01	1.1E-03	1.0E-03	6.2E-07	1.6E-01	5.5E-02	5.4E-09
69	0.01	6.9E-09	6.3E-01	1.1E-03	1.0E-03	7.5E-07	1.6E-01	5.5E-02	6.4E-09
70	0.01	8.3E-09	7.5E-01	1.1E-03	1.0E-03	8.9E-07	1.6E-01	5.5E-02	7.7E-09
71	0.01	9.8E-09	8.8E-01	1.1E-03	1.0E-03	1.0E-06	1.6E-01	5.5E-02	9.0E-09
72	0.01	1.1E-08	1.0E+00	1.1E-03	1.0E-03	1.2E-06	1.6E-01	5.5E-02	1.0E-08
73	0.01	1.3E-08	1.1E+00	1.1E-03	1.0E-03	1.3E-06	1.6E-01	5.5E-02	1.2E-08
74	0.01	1.5E-08	1.3E+00	1.1E-03	1.0E-03	1.6E-06	1.6E-01	5.5E-02	1.4E-08
75	0.02	1.6E-08	1.5E+00	1.1E-03	1.0E-03	1.8E-06	1.6E-01	5.5E-02	1.5E-08
76	0.02	1.7E-08	1.6E+00	1.1E-03	1.0E-03	1.9E-06	1.6E-01	5.5E-02	1.6E-08
77	0.02	1.6E-08	1.6E+00	1.1E-03	1.0E-03	1.9E-06	1.6E-01	5.5E-02	1.6E-08
78	0.02	1.6E-08	1.5E+00	1.1E-03	1.0E-03	1.8E-06	1.6E-01	5.5E-02	1.5E-08
79	0.01	1.4E-08	1.4E+00	1.1E-03	1.0E-03	1.6E-06	1.6E-01	5.5E-02	1.4E-08
80	0.01	1.3E-08	1.2E+00	1.1E-03	1.0E-03	1.4E-06	1.6E-01	5.5E-02	1.2E-08
81	0.00	3.7E-09	3.5E-01	1.1E-03	1.0E-03	4.1E-07	1.6E-01	5.5E-02	3.6E-09
82	0.00	4.5E-09	4.2E-01	1.1E-03	1.0E-03	5.0E-07	1.6E-01	5.5E-02	4.3E-09
83	0.01	5.5E-09	5.2E-01	1.1E-03	1.0E-03	6.1E-07	1.6E-01	5.5E-02	5.3E-09
84	0.01	6.9E-09	6.4E-01	1.1E-03	1.0E-03	7.6E-07	1.6E-01	5.5E-02	6.6E-09
85	0.01	8.8E-09	8.1E-01	1.1E-03	1.0E-03	9.5E-07	1.6E-01	5.5E-02	8.2E-09

86	0.01	1.1E-08	1.0E+00	1.1E-03	1.0E-03	1.2E-06	1.6E-01	5.5E-02	1.0E-08
87	0.01	1.5E-08	1.3E+00	1.1E-03	1.0E-03	1.5E-06	1.6E-01	5.5E-02	1.3E-08
88	0.02	1.8E-08	1.5E+00	1.1E-03	1.0E-03	1.8E-06	1.6E-01	5.5E-02	1.5E-08
89	0.02	2.0E-08	1.8E+00	1.1E-03	1.0E-03	2.1E-06	1.6E-01	5.5E-02	1.8E-08
90	0.02	2.4E-08	2.2E+00	1.1E-03	1.0E-03	2.6E-06	1.6E-01	5.5E-02	2.2E-08
91	0.03	2.5E-08	2.4E+00	1.1E-03	1.0E-03	2.8E-06	1.6E-01	5.5E-02	2.4E-08
92	0.02	2.5E-08	2.4E+00	1.1E-03	1.0E-03	2.8E-06	1.6E-01	5.5E-02	2.4E-08
93	0.02	2.3E-08	2.2E+00	1.1E-03	1.0E-03	2.6E-06	1.6E-01	5.5E-02	2.2E-08
94	0.02	2.0E-08	1.9E+00	1.1E-03	1.0E-03	2.3E-06	1.6E-01	5.5E-02	2.0E-08
95	0.02	1.7E-08	1.7E+00	1.1E-03	1.0E-03	2.0E-06	1.6E-01	5.5E-02	1.7E-08
96	0.01	1.5E-08	1.4E+00	1.1E-03	1.0E-03	1.7E-06	1.6E-01	5.5E-02	1.4E-08
97	0.00	4.1E-09	3.8E-01	1.1E-03	1.0E-03	4.5E-07	1.6E-01	5.5E-02	3.9E-09
98	0.01	5.0E-09	4.7E-01	1.1E-03	1.0E-03	5.6E-07	1.6E-01	5.5E-02	4.8E-09
99	0.01	6.4E-09	6.0E-01	1.1E-03	1.0E-03	7.1E-07	1.6E-01	5.5E-02	6.1E-09
100	0.01	8.4E-09	7.8E-01	1.1E-03	1.0E-03	9.2E-07	1.6E-01	5.5E-02	8.0E-09
101	0.01	1.1E-08	1.0E+00	1.1E-03	1.0E-03	1.2E-06	1.6E-01	5.5E-02	1.1E-08
102	0.02	1.7E-08	1.4E+00	1.1E-03	1.0E-03	1.7E-06	1.6E-01	5.5E-02	1.4E-08
103	0.03	2.9E-08	1.9E+00	1.1E-03	1.0E-03	2.3E-06	1.6E-01	5.5E-02	2.0E-08
104	0.04	3.6E-08	2.6E+00	1.1E-03	1.0E-03	3.0E-06	1.6E-01	5.5E-02	2.6E-08
105	0.04	3.8E-08	3.3E+00	1.1E-03	1.0E-03	3.9E-06	1.6E-01	5.5E-02	3.3E-08
106	0.04	4.3E-08	4.0E+00	1.1E-03	1.0E-03	4.7E-06	1.6E-01	5.5E-02	4.1E-08
107	0.04	4.1E-08	4.0E+00	1.1E-03	1.0E-03	4.7E-06	1.6E-01	5.5E-02	4.0E-08
108	0.04	3.7E-08	3.6E+00	1.1E-03	1.0E-03	4.2E-06	1.6E-01	5.5E-02	3.6E-08
109	0.03	3.1E-08	3.0E+00	1.1E-03	1.0E-03	3.5E-06	1.6E-01	5.5E-02	3.0E-08
110	0.02	2.5E-08	2.4E+00	1.1E-03	1.0E-03	2.9E-06	1.6E-01	5.5E-02	2.5E-08
111	0.02	2.0E-08	1.9E+00	1.1E-03	1.0E-03	2.3E-06	1.6E-01	5.5E-02	2.0E-08
112	0.02	1.6E-08	1.6E+00	1.1E-03	1.0E-03	1.9E-06	1.6E-01	5.5E-02	1.6E-08
113	0.00	4.4E-09	4.2E-01	1.1E-03	1.0E-03	4.9E-07	1.6E-01	5.5E-02	4.2E-09
114	0.01	5.5E-09	5.3E-01	1.1E-03	1.0E-03	6.2E-07	1.6E-01	5.5E-02	5.4E-09
115	0.01	7.3E-09	6.9E-01	1.1E-03	1.0E-03	8.1E-07	1.6E-01	5.5E-02	7.0E-09
116	0.01	1.0E-08	9.4E-01	1.1E-03	1.0E-03	1.1E-06	1.6E-01	5.5E-02	9.5E-09
117	0.01	1.5E-08	1.3E+00	1.1E-03	1.0E-03	1.6E-06	1.6E-01	5.5E-02	1.4E-08
118	0.09	8.7E-08	8.4E+00	1.1E-03	1.0E-03	9.9E-06	1.6E-01	5.5E-02	8.6E-08
119	0.07	6.9E-08	6.7E+00	1.1E-03	1.0E-03	7.9E-06	1.6E-01	5.5E-02	6.8E-08
120	0.05	5.2E-08	5.1E+00	1.1E-03	1.0E-03	6.0E-06	1.6E-01	5.5E-02	5.1E-08
121	0.04	3.9E-08	3.8E+00	1.1E-03	1.0E-03	4.4E-06	1.6E-01	5.5E-02	3.8E-08
122	0.03	2.9E-08	2.8E+00	1.1E-03	1.0E-03	3.3E-06	1.6E-01	5.5E-02	2.8E-08
123	0.02	2.2E-08	2.1E+00	1.1E-03	1.0E-03	2.5E-06	1.6E-01	5.5E-02	2.2E-08
124	0.02	1.7E-08	1.6E+00	1.1E-03	1.0E-03	1.9E-06	1.6E-01	5.5E-02	1.7E-08
125	0.00	4.6E-09	4.4E-01	1.1E-03	1.0E-03	5.2E-07	1.6E-01	5.5E-02	4.4E-09
126	0.01	5.9E-09	5.6E-01	1.1E-03	1.0E-03	6.7E-07	1.6E-01	5.5E-02	5.7E-09
127	0.01	7.9E-09	7.6E-01	1.1E-03	1.0E-03	8.9E-07	1.6E-01	5.5E-02	7.7E-09
128	0.01	1.1E-08	1.1E+00	1.1E-03	1.0E-03	1.3E-06	1.6E-01	5.5E-02	1.1E-08
129	0.02	1.7E-08	1.6E+00	1.1E-03	1.0E-03	1.9E-06	1.6E-01	5.5E-02	1.6E-08
130	0.17	1.7E-07	1.7E+01	1.1E-03	1.0E-03	2.0E-05	1.6E-01	5.5E-02	1.7E-07
131	0.10	1.0E-07	1.0E+01	1.1E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-02	1.0E-07

132	0.06	6.5E-08	6.3E+00	1.1E-03	1.0E-03	7.5E-06	1.6E-01	5.5E-02	6.4E-08
133	0.04	4.4E-08	4.2E+00	1.1E-03	1.0E-03	5.0E-06	1.6E-01	5.5E-02	4.3E-08
134	0.03	3.0E-08	2.9E+00	1.1E-03	1.0E-03	3.5E-06	1.6E-01	5.5E-02	3.0E-08
135	0.02	2.2E-08	2.1E+00	1.1E-03	1.0E-03	2.5E-06	1.6E-01	5.5E-02	2.2E-08
136	0.02	1.6E-08	1.6E+00	1.1E-03	1.0E-03	1.9E-06	1.6E-01	5.5E-02	1.6E-08
137	0.00	4.7E-09	4.5E-01	1.1E-03	1.0E-03	5.3E-07	1.6E-01	5.5E-02	4.6E-09
138	0.01	6.1E-09	5.9E-01	1.1E-03	1.0E-03	6.9E-07	1.6E-01	5.5E-02	6.0E-09
139	0.01	8.3E-09	7.9E-01	1.1E-03	1.0E-03	9.3E-07	1.6E-01	5.5E-02	8.1E-09
140	0.01	1.2E-08	1.1E+00	1.1E-03	1.0E-03	1.3E-06	1.6E-01	5.5E-02	1.2E-08
141	0.02	1.8E-08	1.8E+00	1.1E-03	1.0E-03	2.1E-06	1.6E-01	5.5E-02	1.8E-08
142	0.26	2.6E-07	2.5E+01	1.1E-03	1.0E-03	3.0E-05	1.6E-01	5.5E-02	2.6E-07
143	0.12	1.2E-07	1.2E+01	1.1E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-02	1.2E-07
144	0.07	6.8E-08	6.7E+00	1.1E-03	1.0E-03	7.9E-06	1.6E-01	5.5E-02	6.8E-08
145	0.04	4.3E-08	4.2E+00	1.1E-03	1.0E-03	4.9E-06	1.6E-01	5.5E-02	4.3E-08
146	0.03	2.8E-08	2.8E+00	1.1E-03	1.0E-03	3.3E-06	1.6E-01	5.5E-02	2.8E-08
147	0.02	2.0E-08	1.9E+00	1.1E-03	1.0E-03	2.3E-06	1.6E-01	5.5E-02	2.0E-08
148	0.01	1.5E-08	1.4E+00	1.1E-03	1.0E-03	1.7E-06	1.6E-01	5.5E-02	1.5E-08
149	0.00	4.6E-09	4.5E-01	1.1E-03	1.0E-03	5.3E-07	1.6E-01	5.5E-02	4.5E-09
150	0.01	5.9E-09	5.7E-01	1.1E-03	1.0E-03	6.7E-07	1.6E-01	5.5E-02	5.8E-09
151	0.01	8.1E-09	7.8E-01	1.1E-03	1.0E-03	9.3E-07	1.6E-01	5.5E-02	8.0E-09
152	0.01	1.2E-08	1.1E+00	1.1E-03	1.0E-03	1.3E-06	1.6E-01	5.5E-02	1.1E-08
153	0.02	1.8E-08	1.7E+00	1.1E-03	1.0E-03	2.0E-06	1.6E-01	5.5E-02	1.8E-08
154	0.39	3.9E-07	3.8E+01	1.1E-03	1.0E-03	4.5E-05	1.6E-01	5.5E-02	3.9E-07
155	0.12	1.2E-07	1.1E+01	1.1E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-02	1.2E-07
156	0.06	5.7E-08	5.6E+00	1.1E-03	1.0E-03	6.6E-06	1.6E-01	5.5E-02	5.7E-08
157	0.04	3.6E-08	3.6E+00	1.1E-03	1.0E-03	4.2E-06	1.6E-01	5.5E-02	3.6E-08
158	0.02	2.4E-08	2.4E+00	1.1E-03	1.0E-03	2.8E-06	1.6E-01	5.5E-02	2.4E-08
159	0.02	1.7E-08	1.7E+00	1.1E-03	1.0E-03	2.0E-06	1.6E-01	5.5E-02	1.7E-08
160	0.01	1.3E-08	1.2E+00	1.1E-03	1.0E-03	1.5E-06	1.6E-01	5.5E-02	1.3E-08
161	0.00	4.2E-09	4.0E-01	1.1E-03	1.0E-03	4.8E-07	1.6E-01	5.5E-02	4.1E-09
162	0.01	5.4E-09	5.2E-01	1.1E-03	1.0E-03	6.1E-07	1.6E-01	5.5E-02	5.3E-09
163	0.01	7.1E-09	6.9E-01	1.1E-03	1.0E-03	8.1E-07	1.6E-01	5.5E-02	7.0E-09
164	0.01	1.0E-08	1.0E+00	1.1E-03	1.0E-03	1.2E-06	1.6E-01	5.5E-02	1.0E-08
165	0.02	1.6E-08	1.6E+00	1.1E-03	1.0E-03	1.9E-06	1.6E-01	5.5E-02	1.6E-08
166	0.03	2.7E-08	2.7E+00	1.1E-03	1.0E-03	3.1E-06	1.6E-01	5.5E-02	2.7E-08
167	0.06	5.6E-08	5.5E+00	1.1E-03	1.0E-03	6.5E-06	1.6E-01	5.5E-02	5.6E-08
168	0.15	1.5E-07	1.5E+01	1.1E-03	1.0E-03	1.8E-05	1.6E-01	5.5E-02	1.5E-07
169	0.25	2.5E-07	2.5E+01	1.1E-03	1.0E-03	2.9E-05	1.6E-01	5.5E-02	2.5E-07
170	0.16	1.6E-07	1.6E+01	1.1E-03	1.0E-03	1.9E-05	1.6E-01	5.5E-02	1.6E-07
171	0.08	7.9E-08	7.8E+00	1.1E-03	1.0E-03	9.2E-06	1.6E-01	5.5E-02	7.9E-08
172	0.04	4.1E-08	4.0E+00	1.1E-03	1.0E-03	4.8E-06	1.6E-01	5.5E-02	4.1E-08
173	0.03	2.7E-08	2.6E+00	1.1E-03	1.0E-03	3.1E-06	1.6E-01	5.5E-02	2.7E-08
174	0.02	2.0E-08	1.9E+00	1.1E-03	1.0E-03	2.3E-06	1.6E-01	5.5E-02	2.0E-08
175	0.01	1.4E-08	1.4E+00	1.1E-03	1.0E-03	1.6E-06	1.6E-01	5.5E-02	1.4E-08
176	0.01	1.1E-08	1.1E+00	1.1E-03	1.0E-03	1.2E-06	1.6E-01	5.5E-02	1.1E-08
177	0.00	3.9E-09	3.8E-01	1.1E-03	1.0E-03	4.4E-07	1.6E-01	5.5E-02	3.8E-09

178	0.00	4.9E-09	4.8E-01	1.1E-03	1.0E-03	5.6E-07	1.6E-01	5.5E-02	4.8E-09
179	0.01	6.4E-09	6.1E-01	1.1E-03	1.0E-03	7.3E-07	1.6E-01	5.5E-02	6.2E-09
180	0.01	9.3E-09	9.0E-01	1.1E-03	1.0E-03	1.1E-06	1.6E-01	5.5E-02	9.2E-09
181	0.01	1.4E-08	1.3E+00	1.1E-03	1.0E-03	1.5E-06	1.6E-01	5.5E-02	1.3E-08
182	0.02	2.1E-08	2.0E+00	1.1E-03	1.0E-03	2.4E-06	1.6E-01	5.5E-02	2.1E-08
183	0.04	3.5E-08	3.4E+00	1.1E-03	1.0E-03	4.1E-06	1.6E-01	5.5E-02	3.5E-08
184	0.06	5.9E-08	5.8E+00	1.1E-03	1.0E-03	6.9E-06	1.6E-01	5.5E-02	5.9E-08
185	0.08	8.0E-08	7.8E+00	1.1E-03	1.0E-03	9.2E-06	1.6E-01	5.5E-02	7.9E-08
186	0.07	7.1E-08	6.9E+00	1.1E-03	1.0E-03	8.2E-06	1.6E-01	5.5E-02	7.0E-08
187	0.05	4.9E-08	4.8E+00	1.1E-03	1.0E-03	5.7E-06	1.6E-01	5.5E-02	4.9E-08
188	0.03	3.3E-08	3.2E+00	1.1E-03	1.0E-03	3.8E-06	1.6E-01	5.5E-02	3.3E-08
189	0.02	2.1E-08	2.0E+00	1.1E-03	1.0E-03	2.4E-06	1.6E-01	5.5E-02	2.1E-08
190	0.02	1.6E-08	1.6E+00	1.1E-03	1.0E-03	1.9E-06	1.6E-01	5.5E-02	1.6E-08
191	0.01	1.2E-08	1.2E+00	1.1E-03	1.0E-03	1.4E-06	1.6E-01	5.5E-02	1.2E-08
192	0.01	9.4E-09	9.2E-01	1.1E-03	1.0E-03	1.1E-06	1.6E-01	5.5E-02	9.3E-09
193	0.00	3.6E-09	3.5E-01	1.1E-03	1.0E-03	4.1E-07	1.6E-01	5.5E-02	3.6E-09
194	0.00	4.6E-09	4.5E-01	1.1E-03	1.0E-03	5.3E-07	1.6E-01	5.5E-02	4.5E-09
195	0.01	6.1E-09	5.9E-01	1.1E-03	1.0E-03	7.0E-07	1.6E-01	5.5E-02	6.0E-09
196	0.01	8.0E-09	7.8E-01	1.1E-03	1.0E-03	9.2E-07	1.6E-01	5.5E-02	7.9E-09
197	0.01	1.1E-08	1.1E+00	1.1E-03	1.0E-03	1.2E-06	1.6E-01	5.5E-02	1.1E-08
198	0.02	1.6E-08	1.5E+00	1.1E-03	1.0E-03	1.8E-06	1.6E-01	5.5E-02	1.5E-08
199	0.02	2.3E-08	2.2E+00	1.1E-03	1.0E-03	2.6E-06	1.6E-01	5.5E-02	2.3E-08
200	0.03	3.2E-08	3.2E+00	1.1E-03	1.0E-03	3.7E-06	1.6E-01	5.5E-02	3.2E-08
201	0.04	4.0E-08	3.9E+00	1.1E-03	1.0E-03	4.6E-06	1.6E-01	5.5E-02	3.9E-08
202	0.04	3.8E-08	3.7E+00	1.1E-03	1.0E-03	4.4E-06	1.6E-01	5.5E-02	3.8E-08
203	0.03	3.0E-08	2.9E+00	1.1E-03	1.0E-03	3.5E-06	1.6E-01	5.5E-02	3.0E-08
204	0.02	2.3E-08	2.3E+00	1.1E-03	1.0E-03	2.7E-06	1.6E-01	5.5E-02	2.3E-08
205	0.02	1.7E-08	1.7E+00	1.1E-03	1.0E-03	2.0E-06	1.6E-01	5.5E-02	1.7E-08
206	0.01	1.3E-08	1.2E+00	1.1E-03	1.0E-03	1.5E-06	1.6E-01	5.5E-02	1.3E-08
207	0.01	1.1E-08	1.0E+00	1.1E-03	1.0E-03	1.2E-06	1.6E-01	5.5E-02	1.1E-08
208	0.01	8.4E-09	8.2E-01	1.1E-03	1.0E-03	9.7E-07	1.6E-01	5.5E-02	8.3E-09
209	0.00	3.5E-09	3.4E-01	1.1E-03	1.0E-03	4.0E-07	1.6E-01	5.5E-02	3.5E-09
210	0.00	4.3E-09	4.2E-01	1.1E-03	1.0E-03	4.9E-07	1.6E-01	5.5E-02	4.2E-09
211	0.01	5.4E-09	5.2E-01	1.1E-03	1.0E-03	6.1E-07	1.6E-01	5.5E-02	5.3E-09
212	0.01	6.8E-09	6.5E-01	1.1E-03	1.0E-03	7.7E-07	1.6E-01	5.5E-02	6.7E-09
213	0.01	8.8E-09	8.5E-01	1.1E-03	1.0E-03	1.0E-06	1.6E-01	5.5E-02	8.7E-09
214	0.01	1.2E-08	1.2E+00	1.1E-03	1.0E-03	1.4E-06	1.6E-01	5.5E-02	1.2E-08
215	0.02	1.6E-08	1.6E+00	1.1E-03	1.0E-03	1.9E-06	1.6E-01	5.5E-02	1.6E-08
216	0.02	2.0E-08	2.0E+00	1.1E-03	1.0E-03	2.4E-06	1.6E-01	5.5E-02	2.0E-08
217	0.02	2.4E-08	2.3E+00	1.1E-03	1.0E-03	2.7E-06	1.6E-01	5.5E-02	2.4E-08
218	0.02	2.4E-08	2.3E+00	1.1E-03	1.0E-03	2.8E-06	1.6E-01	5.5E-02	2.4E-08
219	0.02	2.2E-08	2.1E+00	1.1E-03	1.0E-03	2.5E-06	1.6E-01	5.5E-02	2.2E-08
220	0.02	1.9E-08	1.8E+00	1.1E-03	1.0E-03	2.1E-06	1.6E-01	5.5E-02	1.8E-08
221	0.01	1.5E-08	1.4E+00	1.1E-03	1.0E-03	1.7E-06	1.6E-01	5.5E-02	1.5E-08
222	0.01	1.1E-08	1.1E+00	1.1E-03	1.0E-03	1.2E-06	1.6E-01	5.5E-02	1.1E-08
223	0.01	8.6E-09	8.4E-01	1.1E-03	1.0E-03	9.9E-07	1.6E-01	5.5E-02	8.6E-09

224	0.01	7.6E-09	7.4E-01	1.1E-03	1.0E-03	8.7E-07	1.6E-01	5.5E-02	7.5E-09
225	0.00	3.2E-09	3.1E-01	1.1E-03	1.0E-03	3.7E-07	1.6E-01	5.5E-02	3.2E-09
226	0.00	3.9E-09	3.7E-01	1.1E-03	1.0E-03	4.4E-07	1.6E-01	5.5E-02	3.8E-09
227	0.00	4.7E-09	4.5E-01	1.1E-03	1.0E-03	5.3E-07	1.6E-01	5.5E-02	4.6E-09
228	0.01	5.7E-09	5.6E-01	1.1E-03	1.0E-03	6.6E-07	1.6E-01	5.5E-02	5.6E-09
229	0.01	7.2E-09	7.0E-01	1.1E-03	1.0E-03	8.3E-07	1.6E-01	5.5E-02	7.1E-09
230	0.01	9.2E-09	9.0E-01	1.1E-03	1.0E-03	1.1E-06	1.6E-01	5.5E-02	9.1E-09
231	0.01	1.2E-08	1.1E+00	1.1E-03	1.0E-03	1.3E-06	1.6E-01	5.5E-02	1.2E-08
232	0.01	1.4E-08	1.4E+00	1.1E-03	1.0E-03	1.6E-06	1.6E-01	5.5E-02	1.4E-08
233	0.02	1.6E-08	1.6E+00	1.1E-03	1.0E-03	1.8E-06	1.6E-01	5.5E-02	1.6E-08
234	0.02	1.7E-08	1.6E+00	1.1E-03	1.0E-03	1.9E-06	1.6E-01	5.5E-02	1.6E-08
235	0.02	1.6E-08	1.5E+00	1.1E-03	1.0E-03	1.8E-06	1.6E-01	5.5E-02	1.6E-08
236	0.01	1.4E-08	1.4E+00	1.1E-03	1.0E-03	1.6E-06	1.6E-01	5.5E-02	1.4E-08
237	0.01	1.2E-08	1.2E+00	1.1E-03	1.0E-03	1.4E-06	1.6E-01	5.5E-02	1.2E-08
238	0.01	9.9E-09	9.7E-01	1.1E-03	1.0E-03	1.1E-06	1.6E-01	5.5E-02	9.8E-09
239	0.01	7.6E-09	7.4E-01	1.1E-03	1.0E-03	8.7E-07	1.6E-01	5.5E-02	7.5E-09
240	0.01	6.3E-09	6.1E-01	1.1E-03	1.0E-03	7.2E-07	1.6E-01	5.5E-02	6.2E-09
241	0.00	2.9E-09	2.8E-01	1.1E-03	1.0E-03	3.3E-07	1.6E-01	5.5E-02	2.8E-09
242	0.00	3.4E-09	3.3E-01	1.1E-03	1.0E-03	3.9E-07	1.6E-01	5.5E-02	3.3E-09
243	0.00	4.0E-09	3.9E-01	1.1E-03	1.0E-03	4.6E-07	1.6E-01	5.5E-02	4.0E-09
244	0.00	4.8E-09	4.7E-01	1.1E-03	1.0E-03	5.5E-07	1.6E-01	5.5E-02	4.8E-09
245	0.01	5.9E-09	5.7E-01	1.1E-03	1.0E-03	6.8E-07	1.6E-01	5.5E-02	5.8E-09
246	0.01	7.3E-09	7.0E-01	1.1E-03	1.0E-03	8.3E-07	1.6E-01	5.5E-02	7.2E-09
247	0.01	8.9E-09	8.6E-01	1.1E-03	1.0E-03	1.0E-06	1.6E-01	5.5E-02	8.8E-09
248	0.01	1.0E-08	1.0E+00	1.1E-03	1.0E-03	1.2E-06	1.6E-01	5.5E-02	1.0E-08
249	0.01	1.2E-08	1.1E+00	1.1E-03	1.0E-03	1.3E-06	1.6E-01	5.5E-02	1.1E-08
250	0.01	1.2E-08	1.2E+00	1.1E-03	1.0E-03	1.4E-06	1.6E-01	5.5E-02	1.2E-08
251	0.01	1.2E-08	1.1E+00	1.1E-03	1.0E-03	1.4E-06	1.6E-01	5.5E-02	1.2E-08
252	0.01	1.1E-08	1.1E+00	1.1E-03	1.0E-03	1.3E-06	1.6E-01	5.5E-02	1.1E-08
253	0.01	9.7E-09	9.5E-01	1.1E-03	1.0E-03	1.1E-06	1.6E-01	5.5E-02	9.6E-09
254	0.01	8.4E-09	8.2E-01	1.1E-03	1.0E-03	9.7E-07	1.6E-01	5.5E-02	8.3E-09
255	0.01	7.0E-09	6.9E-01	1.1E-03	1.0E-03	8.1E-07	1.6E-01	5.5E-02	7.0E-09
256	0.01	5.6E-09	5.4E-01	1.1E-03	1.0E-03	6.4E-07	1.6E-01	5.5E-02	5.5E-09
257	0.00	2.6E-09	2.5E-01	1.1E-03	1.0E-03	3.0E-07	1.6E-01	5.5E-02	2.6E-09
258	0.00	3.0E-09	2.9E-01	1.1E-03	1.0E-03	3.4E-07	1.6E-01	5.5E-02	3.0E-09
259	0.00	3.5E-09	3.4E-01	1.1E-03	1.0E-03	4.0E-07	1.6E-01	5.5E-02	3.5E-09
260	0.00	4.1E-09	4.0E-01	1.1E-03	1.0E-03	4.7E-07	1.6E-01	5.5E-02	4.1E-09
261	0.00	4.9E-09	4.8E-01	1.1E-03	1.0E-03	5.7E-07	1.6E-01	5.5E-02	4.9E-09
262	0.01	5.9E-09	5.7E-01	1.1E-03	1.0E-03	6.8E-07	1.6E-01	5.5E-02	5.8E-09
263	0.01	7.0E-09	6.8E-01	1.1E-03	1.0E-03	8.0E-07	1.6E-01	5.5E-02	6.9E-09
264	0.01	8.0E-09	7.8E-01	1.1E-03	1.0E-03	9.2E-07	1.6E-01	5.5E-02	7.9E-09
265	0.01	8.7E-09	8.5E-01	1.1E-03	1.0E-03	1.0E-06	1.6E-01	5.5E-02	8.7E-09
266	0.01	9.1E-09	8.9E-01	1.1E-03	1.0E-03	1.0E-06	1.6E-01	5.5E-02	9.0E-09
267	0.01	9.1E-09	8.8E-01	1.1E-03	1.0E-03	1.0E-06	1.6E-01	5.5E-02	9.0E-09
268	0.01	8.6E-09	8.4E-01	1.1E-03	1.0E-03	9.9E-07	1.6E-01	5.5E-02	8.5E-09
269	0.01	7.9E-09	7.7E-01	1.1E-03	1.0E-03	9.1E-07	1.6E-01	5.5E-02	7.8E-09

270	0.01	7.1E-09	6.9E-01	1.1E-03	1.0E-03	8.1E-07	1.6E-01	5.5E-02	7.0E-09
271	0.01	6.2E-09	6.0E-01	1.1E-03	1.0E-03	7.1E-07	1.6E-01	5.5E-02	6.1E-09
272	0.01	5.0E-09	4.9E-01	1.1E-03	1.0E-03	5.8E-07	1.6E-01	5.5E-02	5.0E-09
273	0.02	1.7E-08	1.4E+00	1.1E-03	1.0E-03	1.7E-06	1.6E-01	5.5E-02	1.4E-08
274	0.02	1.8E-08	1.5E+00	1.1E-03	1.0E-03	1.8E-06	1.6E-01	5.5E-02	1.5E-08
275	0.02	2.0E-08	1.6E+00	1.1E-03	1.0E-03	1.9E-06	1.6E-01	5.5E-02	1.6E-08
276	0.02	2.3E-08	1.7E+00	1.1E-03	1.0E-03	2.0E-06	1.6E-01	5.5E-02	1.7E-08
277	0.03	2.6E-08	1.8E+00	1.1E-03	1.0E-03	2.1E-06	1.6E-01	5.5E-02	1.8E-08
278	0.03	2.9E-08	1.9E+00	1.1E-03	1.0E-03	2.3E-06	1.6E-01	5.5E-02	2.0E-08
279	0.03	3.1E-08	2.0E+00	1.1E-03	1.0E-03	2.4E-06	1.6E-01	5.5E-02	2.1E-08
280	0.03	3.3E-08	2.1E+00	1.1E-03	1.0E-03	2.5E-06	1.6E-01	5.5E-02	2.2E-08
281	0.03	3.5E-08	2.3E+00	1.1E-03	1.0E-03	2.7E-06	1.6E-01	5.5E-02	2.3E-08
282	0.04	3.6E-08	2.4E+00	1.1E-03	1.0E-03	2.8E-06	1.6E-01	5.5E-02	2.4E-08
283	0.04	3.6E-08	2.6E+00	1.1E-03	1.0E-03	3.0E-06	1.6E-01	5.5E-02	2.6E-08
284	0.04	3.6E-08	2.7E+00	1.1E-03	1.0E-03	3.2E-06	1.6E-01	5.5E-02	2.7E-08
285	0.04	3.6E-08	2.8E+00	1.1E-03	1.0E-03	3.3E-06	1.6E-01	5.5E-02	2.9E-08
286	0.04	3.6E-08	3.0E+00	1.1E-03	1.0E-03	3.5E-06	1.6E-01	5.5E-02	3.0E-08
287	0.04	3.7E-08	3.1E+00	1.1E-03	1.0E-03	3.7E-06	1.6E-01	5.5E-02	3.2E-08
288	0.04	3.8E-08	3.3E+00	1.1E-03	1.0E-03	3.9E-06	1.6E-01	5.5E-02	3.3E-08
289	0.04	3.9E-08	3.5E+00	1.1E-03	1.0E-03	4.1E-06	1.6E-01	5.5E-02	3.5E-08
290	0.04	4.0E-08	3.7E+00	1.1E-03	1.0E-03	4.3E-06	1.6E-01	5.5E-02	3.7E-08
291	0.04	4.1E-08	3.8E+00	1.1E-03	1.0E-03	4.5E-06	1.6E-01	5.5E-02	3.9E-08
292	0.04	4.2E-08	3.9E+00	1.1E-03	1.0E-03	4.6E-06	1.6E-01	5.5E-02	4.0E-08
293	0.04	4.3E-08	4.0E+00	1.1E-03	1.0E-03	4.7E-06	1.6E-01	5.5E-02	4.1E-08
294	0.04	4.3E-08	4.0E+00	1.1E-03	1.0E-03	4.8E-06	1.6E-01	5.5E-02	4.1E-08
295	0.04	4.3E-08	4.1E+00	1.1E-03	1.0E-03	4.8E-06	1.6E-01	5.5E-02	4.1E-08
296	0.04	4.2E-08	4.0E+00	1.1E-03	1.0E-03	4.8E-06	1.6E-01	5.5E-02	4.1E-08
297	0.04	4.2E-08	4.0E+00	1.1E-03	1.0E-03	4.8E-06	1.6E-01	5.5E-02	4.1E-08
298	0.04	4.1E-08	4.0E+00	1.1E-03	1.0E-03	4.7E-06	1.6E-01	5.5E-02	4.0E-08
299	0.02	1.8E-08	1.5E+00	1.1E-03	1.0E-03	1.8E-06	1.6E-01	5.5E-02	1.5E-08
300	0.02	2.0E-08	1.6E+00	1.1E-03	1.0E-03	1.9E-06	1.6E-01	5.5E-02	1.6E-08
301	0.02	2.3E-08	1.7E+00	1.1E-03	1.0E-03	2.0E-06	1.6E-01	5.5E-02	1.7E-08
302	0.03	2.6E-08	1.8E+00	1.1E-03	1.0E-03	2.2E-06	1.6E-01	5.5E-02	1.9E-08
303	0.02	2.3E-08	2.0E+00	1.1E-03	1.0E-03	2.3E-06	1.6E-01	5.5E-02	2.0E-08
304	0.03	2.5E-08	2.1E+00	1.1E-03	1.0E-03	2.5E-06	1.6E-01	5.5E-02	2.1E-08
305	0.03	2.8E-08	2.2E+00	1.1E-03	1.0E-03	2.6E-06	1.6E-01	5.5E-02	2.3E-08
306	0.03	3.2E-08	2.4E+00	1.1E-03	1.0E-03	2.8E-06	1.6E-01	5.5E-02	2.4E-08
307	0.03	3.4E-08	2.5E+00	1.1E-03	1.0E-03	3.0E-06	1.6E-01	5.5E-02	2.6E-08
308	0.03	3.3E-08	2.7E+00	1.1E-03	1.0E-03	3.2E-06	1.6E-01	5.5E-02	2.8E-08
309	0.03	3.4E-08	2.9E+00	1.1E-03	1.0E-03	3.4E-06	1.6E-01	5.5E-02	2.9E-08
310	0.04	4.3E-08	3.0E+00	1.1E-03	1.0E-03	3.6E-06	1.6E-01	5.5E-02	3.1E-08
311	0.04	4.2E-08	3.2E+00	1.1E-03	1.0E-03	3.8E-06	1.6E-01	5.5E-02	3.3E-08
312	0.04	4.1E-08	3.4E+00	1.1E-03	1.0E-03	4.0E-06	1.6E-01	5.5E-02	3.5E-08
313	0.04	4.2E-08	3.6E+00	1.1E-03	1.0E-03	4.3E-06	1.6E-01	5.5E-02	3.7E-08
314	0.04	4.3E-08	3.8E+00	1.1E-03	1.0E-03	4.5E-06	1.6E-01	5.5E-02	3.9E-08
315	0.04	4.5E-08	4.0E+00	1.1E-03	1.0E-03	4.8E-06	1.6E-01	5.5E-02	4.1E-08

316	0.05	4.6E-08	4.3E+00	1.1E-03	1.0E-03	5.0E-06	1.6E-01	5.5E-02	4.3E-08
317	0.05	4.8E-08	4.4E+00	1.1E-03	1.0E-03	5.2E-06	1.6E-01	5.5E-02	4.5E-08
318	0.05	4.8E-08	4.5E+00	1.1E-03	1.0E-03	5.4E-06	1.6E-01	5.5E-02	4.6E-08
319	0.05	4.9E-08	4.6E+00	1.1E-03	1.0E-03	5.4E-06	1.6E-01	5.5E-02	4.7E-08
320	0.05	4.9E-08	4.6E+00	1.1E-03	1.0E-03	5.4E-06	1.6E-01	5.5E-02	4.7E-08
321	0.05	4.8E-08	4.6E+00	1.1E-03	1.0E-03	5.4E-06	1.6E-01	5.5E-02	4.7E-08
322	0.05	4.8E-08	4.6E+00	1.1E-03	1.0E-03	5.4E-06	1.6E-01	5.5E-02	4.6E-08
323	0.05	4.7E-08	4.5E+00	1.1E-03	1.0E-03	5.3E-06	1.6E-01	5.5E-02	4.6E-08
324	0.05	4.6E-08	4.4E+00	1.1E-03	1.0E-03	5.2E-06	1.6E-01	5.5E-02	4.5E-08
325	0.02	2.0E-08	1.6E+00	1.1E-03	1.0E-03	1.9E-06	1.6E-01	5.5E-02	1.7E-08
326	0.02	2.2E-08	1.7E+00	1.1E-03	1.0E-03	2.0E-06	1.6E-01	5.5E-02	1.8E-08
327	0.03	2.5E-08	1.9E+00	1.1E-03	1.0E-03	2.2E-06	1.6E-01	5.5E-02	1.9E-08
328	0.03	3.0E-08	2.0E+00	1.1E-03	1.0E-03	2.4E-06	1.6E-01	5.5E-02	2.0E-08
329	0.03	2.5E-08	2.2E+00	1.1E-03	1.0E-03	2.6E-06	1.6E-01	5.5E-02	2.2E-08
330	0.03	2.8E-08	2.3E+00	1.1E-03	1.0E-03	2.8E-06	1.6E-01	5.5E-02	2.4E-08
331	0.03	3.3E-08	2.5E+00	1.1E-03	1.0E-03	2.9E-06	1.6E-01	5.5E-02	2.5E-08
332	0.03	2.8E-08	2.7E+00	1.1E-03	1.0E-03	3.2E-06	1.6E-01	5.5E-02	2.7E-08
333	0.03	3.0E-08	2.9E+00	1.1E-03	1.0E-03	3.4E-06	1.6E-01	5.5E-02	2.9E-08
334	0.04	3.9E-08	3.1E+00	1.1E-03	1.0E-03	3.6E-06	1.6E-01	5.5E-02	3.1E-08
335	0.04	3.9E-08	3.3E+00	1.1E-03	1.0E-03	3.9E-06	1.6E-01	5.5E-02	3.4E-08
336	0.04	4.0E-08	3.5E+00	1.1E-03	1.0E-03	4.1E-06	1.6E-01	5.5E-02	3.6E-08
337	0.05	4.8E-08	3.7E+00	1.1E-03	1.0E-03	4.4E-06	1.6E-01	5.5E-02	3.8E-08
338	0.05	4.8E-08	4.0E+00	1.1E-03	1.0E-03	4.7E-06	1.6E-01	5.5E-02	4.0E-08
339	0.05	4.9E-08	4.3E+00	1.1E-03	1.0E-03	5.0E-06	1.6E-01	5.5E-02	4.3E-08
340	0.05	5.1E-08	4.5E+00	1.1E-03	1.0E-03	5.3E-06	1.6E-01	5.5E-02	4.6E-08
341	0.05	5.2E-08	4.8E+00	1.1E-03	1.0E-03	5.6E-06	1.6E-01	5.5E-02	4.9E-08
342	0.05	5.4E-08	5.0E+00	1.1E-03	1.0E-03	5.9E-06	1.6E-01	5.5E-02	5.1E-08
343	0.06	5.5E-08	5.2E+00	1.1E-03	1.0E-03	6.1E-06	1.6E-01	5.5E-02	5.3E-08
344	0.06	5.6E-08	5.3E+00	1.1E-03	1.0E-03	6.2E-06	1.6E-01	5.5E-02	5.4E-08
345	0.06	5.6E-08	5.3E+00	1.1E-03	1.0E-03	6.3E-06	1.6E-01	5.5E-02	5.4E-08
346	0.06	5.5E-08	5.3E+00	1.1E-03	1.0E-03	6.3E-06	1.6E-01	5.5E-02	5.4E-08
347	0.05	5.5E-08	5.2E+00	1.1E-03	1.0E-03	6.2E-06	1.6E-01	5.5E-02	5.3E-08
348	0.05	5.4E-08	5.2E+00	1.1E-03	1.0E-03	6.1E-06	1.6E-01	5.5E-02	5.2E-08
349	0.05	5.2E-08	5.0E+00	1.1E-03	1.0E-03	6.0E-06	1.6E-01	5.5E-02	5.1E-08
350	0.05	5.1E-08	4.9E+00	1.1E-03	1.0E-03	5.8E-06	1.6E-01	5.5E-02	5.0E-08
351	0.02	2.1E-08	1.7E+00	1.1E-03	1.0E-03	2.1E-06	1.6E-01	5.5E-02	1.8E-08
352	0.02	2.4E-08	1.9E+00	1.1E-03	1.0E-03	2.2E-06	1.6E-01	5.5E-02	1.9E-08
353	0.03	2.8E-08	2.0E+00	1.1E-03	1.0E-03	2.4E-06	1.6E-01	5.5E-02	2.1E-08
354	0.02	2.5E-08	2.2E+00	1.1E-03	1.0E-03	2.6E-06	1.6E-01	5.5E-02	2.2E-08
355	0.03	2.8E-08	2.4E+00	1.1E-03	1.0E-03	2.8E-06	1.6E-01	5.5E-02	2.4E-08
356	0.03	3.2E-08	2.6E+00	1.1E-03	1.0E-03	3.1E-06	1.6E-01	5.5E-02	2.6E-08
357	0.03	2.9E-08	2.8E+00	1.1E-03	1.0E-03	3.3E-06	1.6E-01	5.5E-02	2.8E-08
358	0.03	3.2E-08	3.0E+00	1.1E-03	1.0E-03	3.6E-06	1.6E-01	5.5E-02	3.1E-08
359	0.03	3.4E-08	3.3E+00	1.1E-03	1.0E-03	3.9E-06	1.6E-01	5.5E-02	3.3E-08
360	0.04	4.4E-08	3.5E+00	1.1E-03	1.0E-03	4.2E-06	1.6E-01	5.5E-02	3.6E-08
361	0.04	4.4E-08	3.8E+00	1.1E-03	1.0E-03	4.5E-06	1.6E-01	5.5E-02	3.9E-08

362	0.05	4.6E-08	4.1E+00	1.1E-03	1.0E-03	4.8E-06	1.6E-01	5.5E-02	4.2E-08
363	0.06	5.6E-08	4.4E+00	1.1E-03	1.0E-03	5.2E-06	1.6E-01	5.5E-02	4.5E-08
364	0.06	5.6E-08	4.7E+00	1.1E-03	1.0E-03	5.6E-06	1.6E-01	5.5E-02	4.8E-08
365	0.06	5.7E-08	5.1E+00	1.1E-03	1.0E-03	6.0E-06	1.6E-01	5.5E-02	5.2E-08
366	0.06	6.0E-08	5.4E+00	1.1E-03	1.0E-03	6.4E-06	1.6E-01	5.5E-02	5.5E-08
367	0.06	6.2E-08	5.7E+00	1.1E-03	1.0E-03	6.7E-06	1.6E-01	5.5E-02	5.8E-08
368	0.06	6.4E-08	6.0E+00	1.1E-03	1.0E-03	7.1E-06	1.6E-01	5.5E-02	6.1E-08
369	0.07	6.5E-08	6.1E+00	1.1E-03	1.0E-03	7.3E-06	1.6E-01	5.5E-02	6.3E-08
370	0.07	6.5E-08	6.2E+00	1.1E-03	1.0E-03	7.3E-06	1.6E-01	5.5E-02	6.3E-08
371	0.06	6.5E-08	6.2E+00	1.1E-03	1.0E-03	7.3E-06	1.6E-01	5.5E-02	6.3E-08
372	0.06	6.4E-08	6.1E+00	1.1E-03	1.0E-03	7.2E-06	1.6E-01	5.5E-02	6.2E-08
373	0.06	6.2E-08	6.0E+00	1.1E-03	1.0E-03	7.1E-06	1.6E-01	5.5E-02	6.1E-08
374	0.06	6.1E-08	5.8E+00	1.1E-03	1.0E-03	6.9E-06	1.6E-01	5.5E-02	5.9E-08
375	0.06	5.9E-08	5.7E+00	1.1E-03	1.0E-03	6.7E-06	1.6E-01	5.5E-02	5.8E-08
376	0.06	5.7E-08	5.5E+00	1.1E-03	1.0E-03	6.5E-06	1.6E-01	5.5E-02	5.6E-08
377	0.02	2.2E-08	1.9E+00	1.1E-03	1.0E-03	2.2E-06	1.6E-01	5.5E-02	1.9E-08
378	0.03	2.5E-08	2.0E+00	1.1E-03	1.0E-03	2.4E-06	1.6E-01	5.5E-02	2.1E-08
379	0.03	3.0E-08	2.2E+00	1.1E-03	1.0E-03	2.6E-06	1.6E-01	5.5E-02	2.2E-08
380	0.03	2.7E-08	2.4E+00	1.1E-03	1.0E-03	2.8E-06	1.6E-01	5.5E-02	2.4E-08
381	0.03	3.0E-08	2.6E+00	1.1E-03	1.0E-03	3.1E-06	1.6E-01	5.5E-02	2.7E-08
382	0.07	7.4E-08	7.0E+00	1.1E-03	1.0E-03	8.2E-06	1.6E-01	5.5E-02	7.1E-08
383	0.08	7.6E-08	7.2E+00	1.1E-03	1.0E-03	8.5E-06	1.6E-01	5.5E-02	7.3E-08
384	0.08	7.7E-08	7.3E+00	1.1E-03	1.0E-03	8.7E-06	1.6E-01	5.5E-02	7.5E-08
385	0.08	7.6E-08	7.3E+00	1.1E-03	1.0E-03	8.6E-06	1.6E-01	5.5E-02	7.4E-08
386	0.07	7.5E-08	7.2E+00	1.1E-03	1.0E-03	8.5E-06	1.6E-01	5.5E-02	7.3E-08
387	0.07	7.3E-08	7.0E+00	1.1E-03	1.0E-03	8.3E-06	1.6E-01	5.5E-02	7.1E-08
388	0.07	7.1E-08	6.8E+00	1.1E-03	1.0E-03	8.0E-06	1.6E-01	5.5E-02	6.9E-08
389	0.07	6.8E-08	6.6E+00	1.1E-03	1.0E-03	7.8E-06	1.6E-01	5.5E-02	6.7E-08
390	0.07	6.5E-08	6.3E+00	1.1E-03	1.0E-03	7.5E-06	1.6E-01	5.5E-02	6.4E-08
391	0.06	6.3E-08	6.1E+00	1.1E-03	1.0E-03	7.2E-06	1.6E-01	5.5E-02	6.2E-08
392	0.02	2.3E-08	2.0E+00	1.1E-03	1.0E-03	2.4E-06	1.6E-01	5.5E-02	2.0E-08
393	0.03	2.7E-08	2.2E+00	1.1E-03	1.0E-03	2.6E-06	1.6E-01	5.5E-02	2.2E-08
394	0.03	3.1E-08	2.4E+00	1.1E-03	1.0E-03	2.8E-06	1.6E-01	5.5E-02	2.4E-08
395	0.03	2.9E-08	2.6E+00	1.1E-03	1.0E-03	3.1E-06	1.6E-01	5.5E-02	2.7E-08
396	0.03	3.3E-08	2.9E+00	1.1E-03	1.0E-03	3.4E-06	1.6E-01	5.5E-02	3.0E-08
397	0.09	9.1E-08	8.6E+00	1.1E-03	1.0E-03	1.0E-05	1.6E-01	5.5E-02	8.8E-08
398	0.09	9.3E-08	8.8E+00	1.1E-03	1.0E-03	1.0E-05	1.6E-01	5.5E-02	9.0E-08
399	0.09	9.2E-08	8.8E+00	1.1E-03	1.0E-03	1.0E-05	1.6E-01	5.5E-02	9.0E-08
400	0.09	9.0E-08	8.7E+00	1.1E-03	1.0E-03	1.0E-05	1.6E-01	5.5E-02	8.8E-08
401	0.09	8.7E-08	8.4E+00	1.1E-03	1.0E-03	9.9E-06	1.6E-01	5.5E-02	8.6E-08
402	0.08	8.4E-08	8.1E+00	1.1E-03	1.0E-03	9.6E-06	1.6E-01	5.5E-02	8.2E-08
403	0.08	8.0E-08	7.7E+00	1.1E-03	1.0E-03	9.1E-06	1.6E-01	5.5E-02	7.9E-08
404	0.08	7.6E-08	7.4E+00	1.1E-03	1.0E-03	8.7E-06	1.6E-01	5.5E-02	7.5E-08
405	0.07	7.3E-08	7.0E+00	1.1E-03	1.0E-03	8.3E-06	1.6E-01	5.5E-02	7.2E-08
406	0.07	6.9E-08	6.7E+00	1.1E-03	1.0E-03	7.9E-06	1.6E-01	5.5E-02	6.8E-08
407	0.02	2.5E-08	2.1E+00	1.1E-03	1.0E-03	2.5E-06	1.6E-01	5.5E-02	2.2E-08

408	0.03	2.7E-08	2.3E+00	1.1E-03	1.0E-03	2.8E-06	1.6E-01	5.5E-02	2.4E-08
409	0.03	3.1E-08	2.6E+00	1.1E-03	1.0E-03	3.0E-06	1.6E-01	5.5E-02	2.6E-08
410	0.04	3.7E-08	2.8E+00	1.1E-03	1.0E-03	3.4E-06	1.6E-01	5.5E-02	2.9E-08
411	0.03	3.5E-08	3.2E+00	1.1E-03	1.0E-03	3.7E-06	1.6E-01	5.5E-02	3.2E-08
412	0.11	1.1E-07	1.1E+01	1.1E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-02	1.1E-07
413	0.11	1.1E-07	1.1E+01	1.1E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-02	1.1E-07
414	0.11	1.1E-07	1.1E+01	1.1E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-02	1.1E-07
415	0.11	1.1E-07	1.0E+01	1.1E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-02	1.0E-07
416	0.10	1.0E-07	9.8E+00	1.1E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-02	1.0E-07
417	0.10	9.6E-08	9.3E+00	1.1E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-02	9.5E-08
418	0.09	9.1E-08	8.8E+00	1.1E-03	1.0E-03	1.0E-05	1.6E-01	5.5E-02	8.9E-08
419	0.09	8.5E-08	8.3E+00	1.1E-03	1.0E-03	9.8E-06	1.6E-01	5.5E-02	8.4E-08
420	0.08	8.0E-08	7.8E+00	1.1E-03	1.0E-03	9.2E-06	1.6E-01	5.5E-02	7.9E-08
421	0.08	7.5E-08	7.3E+00	1.1E-03	1.0E-03	8.7E-06	1.6E-01	5.5E-02	7.5E-08
422	0.03	2.6E-08	2.3E+00	1.1E-03	1.0E-03	2.7E-06	1.6E-01	5.5E-02	2.3E-08
423	0.03	2.9E-08	2.5E+00	1.1E-03	1.0E-03	3.0E-06	1.6E-01	5.5E-02	2.5E-08
424	0.03	3.2E-08	2.8E+00	1.1E-03	1.0E-03	3.3E-06	1.6E-01	5.5E-02	2.8E-08
425	0.04	3.7E-08	3.1E+00	1.1E-03	1.0E-03	3.6E-06	1.6E-01	5.5E-02	3.1E-08
426	0.04	4.3E-08	3.5E+00	1.1E-03	1.0E-03	4.1E-06	1.6E-01	5.5E-02	3.5E-08
427	0.15	1.5E-07	1.4E+01	1.1E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-02	1.4E-07
428	0.14	1.4E-07	1.4E+01	1.1E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-02	1.4E-07
429	0.13	1.3E-07	1.3E+01	1.1E-03	1.0E-03	1.5E-05	1.6E-01	5.5E-02	1.3E-07
430	0.13	1.3E-07	1.2E+01	1.1E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-02	1.2E-07
431	0.12	1.2E-07	1.1E+01	1.1E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-02	1.2E-07
432	0.11	1.1E-07	1.1E+01	1.1E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-02	1.1E-07
433	0.10	1.0E-07	9.9E+00	1.1E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-02	1.0E-07
434	0.09	9.5E-08	9.2E+00	1.1E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-02	9.4E-08
435	0.09	8.8E-08	8.6E+00	1.1E-03	1.0E-03	1.0E-05	1.6E-01	5.5E-02	8.7E-08
436	0.08	8.2E-08	8.0E+00	1.1E-03	1.0E-03	9.5E-06	1.6E-01	5.5E-02	8.1E-08
437	0.03	2.7E-08	2.4E+00	1.1E-03	1.0E-03	2.8E-06	1.6E-01	5.5E-02	2.5E-08
438	0.03	3.0E-08	2.7E+00	1.1E-03	1.0E-03	3.2E-06	1.6E-01	5.5E-02	2.7E-08
439	0.03	3.4E-08	3.0E+00	1.1E-03	1.0E-03	3.5E-06	1.6E-01	5.5E-02	3.0E-08
440	0.04	3.8E-08	3.3E+00	1.1E-03	1.0E-03	4.0E-06	1.6E-01	5.5E-02	3.4E-08
441	0.04	4.4E-08	3.8E+00	1.1E-03	1.0E-03	4.5E-06	1.6E-01	5.5E-02	3.9E-08
442	0.19	1.9E-07	1.9E+01	1.1E-03	1.0E-03	2.2E-05	1.6E-01	5.5E-02	1.9E-07
443	0.18	1.8E-07	1.7E+01	1.1E-03	1.0E-03	2.0E-05	1.6E-01	5.5E-02	1.8E-07
444	0.16	1.6E-07	1.6E+01	1.1E-03	1.0E-03	1.9E-05	1.6E-01	5.5E-02	1.6E-07
445	0.15	1.5E-07	1.4E+01	1.1E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-02	1.5E-07
446	0.14	1.4E-07	1.3E+01	1.1E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-02	1.3E-07
447	0.12	1.2E-07	1.2E+01	1.1E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-02	1.2E-07
448	0.11	1.1E-07	1.1E+01	1.1E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-02	1.1E-07
449	0.10	1.0E-07	1.0E+01	1.1E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-02	1.0E-07
450	0.10	9.6E-08	9.4E+00	1.1E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-02	9.6E-08
451	0.09	8.9E-08	8.7E+00	1.1E-03	1.0E-03	1.0E-05	1.6E-01	5.5E-02	8.8E-08
452	0.03	2.8E-08	2.5E+00	1.1E-03	1.0E-03	3.0E-06	1.6E-01	5.5E-02	2.6E-08
453	0.03	3.1E-08	2.8E+00	1.1E-03	1.0E-03	3.4E-06	1.6E-01	5.5E-02	2.9E-08

454	0.04	3.6E-08	3.2E+00	1.1E-03	1.0E-03	3.8E-06	1.6E-01	5.5E-02	3.3E-08
455	0.04	4.0E-08	3.6E+00	1.1E-03	1.0E-03	4.3E-06	1.6E-01	5.5E-02	3.7E-08
456	0.05	4.7E-08	4.2E+00	1.1E-03	1.0E-03	5.0E-06	1.6E-01	5.5E-02	4.3E-08
457	0.25	2.5E-07	2.5E+01	1.1E-03	1.0E-03	2.9E-05	1.6E-01	5.5E-02	2.5E-07
458	0.22	2.2E-07	2.2E+01	1.1E-03	1.0E-03	2.6E-05	1.6E-01	5.5E-02	2.2E-07
459	0.19	1.9E-07	1.9E+01	1.1E-03	1.0E-03	2.2E-05	1.6E-01	5.5E-02	1.9E-07
460	0.17	1.7E-07	1.7E+01	1.1E-03	1.0E-03	2.0E-05	1.6E-01	5.5E-02	1.7E-07
461	0.15	1.5E-07	1.5E+01	1.1E-03	1.0E-03	1.8E-05	1.6E-01	5.5E-02	1.5E-07
462	0.14	1.4E-07	1.4E+01	1.1E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-02	1.4E-07
463	0.13	1.3E-07	1.2E+01	1.1E-03	1.0E-03	1.5E-05	1.6E-01	5.5E-02	1.3E-07
464	0.12	1.2E-07	1.1E+01	1.1E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-02	1.1E-07
465	0.11	1.1E-07	1.0E+01	1.1E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-02	1.0E-07
466	0.10	9.6E-08	9.4E+00	1.1E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-02	9.5E-08
467	0.03	2.9E-08	2.7E+00	1.1E-03	1.0E-03	3.2E-06	1.6E-01	5.5E-02	2.7E-08
468	0.03	3.3E-08	3.0E+00	1.1E-03	1.0E-03	3.6E-06	1.6E-01	5.5E-02	3.1E-08
469	0.04	3.7E-08	3.4E+00	1.1E-03	1.0E-03	4.0E-06	1.6E-01	5.5E-02	3.5E-08
470	0.04	4.2E-08	3.9E+00	1.1E-03	1.0E-03	4.6E-06	1.6E-01	5.5E-02	4.0E-08
471	0.05	5.0E-08	4.6E+00	1.1E-03	1.0E-03	5.4E-06	1.6E-01	5.5E-02	4.7E-08
472	0.32	3.2E-07	3.1E+01	1.1E-03	1.0E-03	3.7E-05	1.6E-01	5.5E-02	3.2E-07
473	0.27	2.7E-07	2.6E+01	1.1E-03	1.0E-03	3.1E-05	1.6E-01	5.5E-02	2.7E-07
474	0.23	2.3E-07	2.2E+01	1.1E-03	1.0E-03	2.6E-05	1.6E-01	5.5E-02	2.3E-07
475	0.20	2.0E-07	1.9E+01	1.1E-03	1.0E-03	2.3E-05	1.6E-01	5.5E-02	2.0E-07
476	0.17	1.7E-07	1.7E+01	1.1E-03	1.0E-03	2.0E-05	1.6E-01	5.5E-02	1.7E-07
477	0.16	1.6E-07	1.5E+01	1.1E-03	1.0E-03	1.8E-05	1.6E-01	5.5E-02	1.5E-07
478	0.14	1.4E-07	1.4E+01	1.1E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-02	1.4E-07
479	0.13	1.3E-07	1.2E+01	1.1E-03	1.0E-03	1.5E-05	1.6E-01	5.5E-02	1.3E-07
480	0.11	1.1E-07	1.1E+01	1.1E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-02	1.1E-07
481	0.10	1.0E-07	1.0E+01	1.1E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-02	1.0E-07
482	0.03	3.0E-08	2.8E+00	1.1E-03	1.0E-03	3.3E-06	1.6E-01	5.5E-02	2.9E-08
483	0.03	3.4E-08	3.2E+00	1.1E-03	1.0E-03	3.7E-06	1.6E-01	5.5E-02	3.2E-08
484	0.04	3.9E-08	3.6E+00	1.1E-03	1.0E-03	4.3E-06	1.6E-01	5.5E-02	3.7E-08
485	0.04	4.5E-08	4.2E+00	1.1E-03	1.0E-03	5.0E-06	1.6E-01	5.5E-02	4.3E-08
486	0.05	5.3E-08	5.0E+00	1.1E-03	1.0E-03	5.9E-06	1.6E-01	5.5E-02	5.1E-08
487	0.38	3.8E-07	3.8E+01	1.1E-03	1.0E-03	4.5E-05	1.6E-01	5.5E-02	3.8E-07
488	0.31	3.1E-07	3.0E+01	1.1E-03	1.0E-03	3.6E-05	1.6E-01	5.5E-02	3.1E-07
489	0.26	2.6E-07	2.5E+01	1.1E-03	1.0E-03	3.0E-05	1.6E-01	5.5E-02	2.6E-07
490	0.22	2.2E-07	2.2E+01	1.1E-03	1.0E-03	2.6E-05	1.6E-01	5.5E-02	2.2E-07
491	0.19	1.9E-07	1.9E+01	1.1E-03	1.0E-03	2.2E-05	1.6E-01	5.5E-02	1.9E-07
492	0.17	1.7E-07	1.7E+01	1.1E-03	1.0E-03	2.0E-05	1.6E-01	5.5E-02	1.7E-07
493	0.15	1.5E-07	1.5E+01	1.1E-03	1.0E-03	1.8E-05	1.6E-01	5.5E-02	1.5E-07
494	0.14	1.4E-07	1.3E+01	1.1E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-02	1.4E-07
495	0.12	1.2E-07	1.2E+01	1.1E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-02	1.2E-07
496	0.11	1.1E-07	1.1E+01	1.1E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-02	1.1E-07
497	0.03	3.1E-08	2.9E+00	1.1E-03	1.0E-03	3.5E-06	1.6E-01	5.5E-02	3.0E-08
498	0.04	3.5E-08	3.3E+00	1.1E-03	1.0E-03	3.9E-06	1.6E-01	5.5E-02	3.4E-08
499	0.04	4.1E-08	3.8E+00	1.1E-03	1.0E-03	4.5E-06	1.6E-01	5.5E-02	3.9E-08

500	0.05	4.8E-08	4.5E+00	1.1E-03	1.0E-03	5.3E-06	1.6E-01	5.5E-02	4.6E-08
501	0.06	5.7E-08	5.4E+00	1.1E-03	1.0E-03	6.3E-06	1.6E-01	5.5E-02	5.5E-08
502	0.43	4.3E-07	4.2E+01	1.1E-03	1.0E-03	5.0E-05	1.6E-01	5.5E-02	4.3E-07
503	0.35	3.5E-07	3.4E+01	1.1E-03	1.0E-03	4.0E-05	1.6E-01	5.5E-02	3.5E-07
504	0.29	2.9E-07	2.8E+01	1.1E-03	1.0E-03	3.3E-05	1.6E-01	5.5E-02	2.9E-07
505	0.25	2.5E-07	2.4E+01	1.1E-03	1.0E-03	2.8E-05	1.6E-01	5.5E-02	2.4E-07
506	0.21	2.1E-07	2.1E+01	1.1E-03	1.0E-03	2.5E-05	1.6E-01	5.5E-02	2.1E-07
507	0.19	1.9E-07	1.8E+01	1.1E-03	1.0E-03	2.2E-05	1.6E-01	5.5E-02	1.9E-07
508	0.16	1.6E-07	1.6E+01	1.1E-03	1.0E-03	1.9E-05	1.6E-01	5.5E-02	1.6E-07
509	0.15	1.5E-07	1.4E+01	1.1E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-02	1.5E-07
510	0.13	1.3E-07	1.3E+01	1.1E-03	1.0E-03	1.5E-05	1.6E-01	5.5E-02	1.3E-07
511	0.12	1.2E-07	1.1E+01	1.1E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-02	1.2E-07
512	0.03	3.2E-08	3.0E+00	1.1E-03	1.0E-03	3.6E-06	1.6E-01	5.5E-02	3.1E-08
513	0.04	3.6E-08	3.5E+00	1.1E-03	1.0E-03	4.1E-06	1.6E-01	5.5E-02	3.5E-08
514	0.04	4.2E-08	4.0E+00	1.1E-03	1.0E-03	4.7E-06	1.6E-01	5.5E-02	4.1E-08
515	0.05	5.0E-08	4.7E+00	1.1E-03	1.0E-03	5.6E-06	1.6E-01	5.5E-02	4.8E-08
516	0.06	6.0E-08	5.7E+00	1.1E-03	1.0E-03	6.7E-06	1.6E-01	5.5E-02	5.8E-08
517	0.47	4.7E-07	4.6E+01	1.1E-03	1.0E-03	5.5E-05	1.6E-01	5.5E-02	4.7E-07
518	0.38	3.8E-07	3.7E+01	1.1E-03	1.0E-03	4.4E-05	1.6E-01	5.5E-02	3.8E-07
519	0.32	3.2E-07	3.1E+01	1.1E-03	1.0E-03	3.7E-05	1.6E-01	5.5E-02	3.2E-07
520	0.27	2.7E-07	2.6E+01	1.1E-03	1.0E-03	3.1E-05	1.6E-01	5.5E-02	2.7E-07
521	0.23	2.3E-07	2.3E+01	1.1E-03	1.0E-03	2.7E-05	1.6E-01	5.5E-02	2.3E-07
522	0.20	2.0E-07	2.0E+01	1.1E-03	1.0E-03	2.3E-05	1.6E-01	5.5E-02	2.0E-07
523	0.18	1.8E-07	1.7E+01	1.1E-03	1.0E-03	2.0E-05	1.6E-01	5.5E-02	1.8E-07
524	0.16	1.6E-07	1.5E+01	1.1E-03	1.0E-03	1.8E-05	1.6E-01	5.5E-02	1.5E-07
525	0.14	1.4E-07	1.3E+01	1.1E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-02	1.4E-07
526	0.12	1.2E-07	1.2E+01	1.1E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-02	1.2E-07
527	0.03	3.3E-08	3.1E+00	1.1E-03	1.0E-03	3.7E-06	1.6E-01	5.5E-02	3.2E-08
528	0.04	3.7E-08	3.6E+00	1.1E-03	1.0E-03	4.2E-06	1.6E-01	5.5E-02	3.6E-08
529	0.04	4.4E-08	4.2E+00	1.1E-03	1.0E-03	4.9E-06	1.6E-01	5.5E-02	4.2E-08
530	0.05	5.2E-08	5.0E+00	1.1E-03	1.0E-03	5.9E-06	1.6E-01	5.5E-02	5.0E-08
531	0.06	6.3E-08	6.0E+00	1.1E-03	1.0E-03	7.1E-06	1.6E-01	5.5E-02	6.1E-08
532	0.51	5.1E-07	5.0E+01	1.1E-03	1.0E-03	5.9E-05	1.6E-01	5.5E-02	5.1E-07
533	0.42	4.2E-07	4.1E+01	1.1E-03	1.0E-03	4.8E-05	1.6E-01	5.5E-02	4.2E-07
534	0.34	3.4E-07	3.4E+01	1.1E-03	1.0E-03	4.0E-05	1.6E-01	5.5E-02	3.4E-07
535	0.29	2.9E-07	2.8E+01	1.1E-03	1.0E-03	3.3E-05	1.6E-01	5.5E-02	2.9E-07
536	0.25	2.5E-07	2.4E+01	1.1E-03	1.0E-03	2.9E-05	1.6E-01	5.5E-02	2.5E-07
537	0.21	2.1E-07	2.1E+01	1.1E-03	1.0E-03	2.5E-05	1.6E-01	5.5E-02	2.1E-07
538	0.19	1.9E-07	1.8E+01	1.1E-03	1.0E-03	2.2E-05	1.6E-01	5.5E-02	1.9E-07
539	0.16	1.6E-07	1.6E+01	1.1E-03	1.0E-03	1.9E-05	1.6E-01	5.5E-02	1.6E-07
540	0.14	1.4E-07	1.4E+01	1.1E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-02	1.4E-07
541	0.12	1.2E-07	1.2E+01	1.1E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-02	1.2E-07
542	0.03	3.3E-08	3.2E+00	1.1E-03	1.0E-03	3.8E-06	1.6E-01	5.5E-02	3.2E-08
543	0.04	3.8E-08	3.7E+00	1.1E-03	1.0E-03	4.3E-06	1.6E-01	5.5E-02	3.7E-08
544	0.04	4.5E-08	4.3E+00	1.1E-03	1.0E-03	5.1E-06	1.6E-01	5.5E-02	4.4E-08
545	0.05	5.3E-08	5.1E+00	1.1E-03	1.0E-03	6.1E-06	1.6E-01	5.5E-02	5.2E-08

546	0.06	6.5E-08	6.3E+00	1.1E-03	1.0E-03	7.4E-06	1.6E-01	5.5E-02	6.4E-08
547	0.57	5.7E-07	5.6E+01	1.1E-03	1.0E-03	6.6E-05	1.6E-01	5.5E-02	5.7E-07
548	0.46	4.6E-07	4.5E+01	1.1E-03	1.0E-03	5.3E-05	1.6E-01	5.5E-02	4.6E-07
549	0.38	3.8E-07	3.7E+01	1.1E-03	1.0E-03	4.4E-05	1.6E-01	5.5E-02	3.8E-07
550	0.31	3.1E-07	3.1E+01	1.1E-03	1.0E-03	3.6E-05	1.6E-01	5.5E-02	3.1E-07
551	0.26	2.6E-07	2.5E+01	1.1E-03	1.0E-03	3.0E-05	1.6E-01	5.5E-02	2.6E-07
552	0.22	2.2E-07	2.1E+01	1.1E-03	1.0E-03	2.5E-05	1.6E-01	5.5E-02	2.2E-07
553	0.19	1.9E-07	1.9E+01	1.1E-03	1.0E-03	2.2E-05	1.6E-01	5.5E-02	1.9E-07
554	0.16	1.6E-07	1.6E+01	1.1E-03	1.0E-03	1.9E-05	1.6E-01	5.5E-02	1.6E-07
555	0.14	1.4E-07	1.4E+01	1.1E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-02	1.4E-07
556	0.12	1.2E-07	1.2E+01	1.1E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-02	1.2E-07
557	0.03	3.4E-08	3.2E+00	1.1E-03	1.0E-03	3.8E-06	1.6E-01	5.5E-02	3.3E-08
558	0.04	3.9E-08	3.7E+00	1.1E-03	1.0E-03	4.4E-06	1.6E-01	5.5E-02	3.8E-08
559	0.05	4.6E-08	4.4E+00	1.1E-03	1.0E-03	5.2E-06	1.6E-01	5.5E-02	4.5E-08
560	0.05	5.5E-08	5.3E+00	1.1E-03	1.0E-03	6.2E-06	1.6E-01	5.5E-02	5.4E-08
561	0.07	6.6E-08	6.4E+00	1.1E-03	1.0E-03	7.6E-06	1.6E-01	5.5E-02	6.5E-08
562	0.52	5.2E-07	5.1E+01	1.1E-03	1.0E-03	6.0E-05	1.6E-01	5.5E-02	5.2E-07
563	0.42	4.2E-07	4.1E+01	1.1E-03	1.0E-03	4.9E-05	1.6E-01	5.5E-02	4.2E-07
564	0.34	3.4E-07	3.3E+01	1.1E-03	1.0E-03	3.9E-05	1.6E-01	5.5E-02	3.4E-07
565	0.26	2.6E-07	2.5E+01	1.1E-03	1.0E-03	3.0E-05	1.6E-01	5.5E-02	2.6E-07
566	0.22	2.2E-07	2.1E+01	1.1E-03	1.0E-03	2.5E-05	1.6E-01	5.5E-02	2.2E-07
567	0.18	1.8E-07	1.8E+01	1.1E-03	1.0E-03	2.1E-05	1.6E-01	5.5E-02	1.8E-07
568	0.16	1.6E-07	1.5E+01	1.1E-03	1.0E-03	1.8E-05	1.6E-01	5.5E-02	1.6E-07
569	0.14	1.4E-07	1.3E+01	1.1E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-02	1.4E-07
570	0.12	1.2E-07	1.2E+01	1.1E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-02	1.2E-07
571	0.03	3.4E-08	3.3E+00	1.1E-03	1.0E-03	3.8E-06	1.6E-01	5.5E-02	3.3E-08
572	0.04	3.9E-08	3.8E+00	1.1E-03	1.0E-03	4.5E-06	1.6E-01	5.5E-02	3.9E-08
573	0.05	4.6E-08	4.4E+00	1.1E-03	1.0E-03	5.3E-06	1.6E-01	5.5E-02	4.5E-08
574	0.06	5.5E-08	5.4E+00	1.1E-03	1.0E-03	6.3E-06	1.6E-01	5.5E-02	5.5E-08
575	0.07	6.7E-08	6.5E+00	1.1E-03	1.0E-03	7.7E-06	1.6E-01	5.5E-02	6.6E-08
576	0.48	4.8E-07	4.7E+01	1.1E-03	1.0E-03	5.6E-05	1.6E-01	5.5E-02	4.8E-07
577	0.38	3.8E-07	3.8E+01	1.1E-03	1.0E-03	4.5E-05	1.6E-01	5.5E-02	3.8E-07
578	0.30	3.0E-07	2.9E+01	1.1E-03	1.0E-03	3.4E-05	1.6E-01	5.5E-02	3.0E-07
579	0.24	2.4E-07	2.4E+01	1.1E-03	1.0E-03	2.8E-05	1.6E-01	5.5E-02	2.4E-07
580	0.20	2.0E-07	2.0E+01	1.1E-03	1.0E-03	2.3E-05	1.6E-01	5.5E-02	2.0E-07
581	0.16	1.6E-07	1.6E+01	1.1E-03	1.0E-03	1.9E-05	1.6E-01	5.5E-02	1.6E-07
582	0.14	1.4E-07	1.3E+01	1.1E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-02	1.4E-07
583	0.12	1.2E-07	1.1E+01	1.1E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-02	1.2E-07
584	0.03	3.4E-08	3.3E+00	1.1E-03	1.0E-03	3.8E-06	1.6E-01	5.5E-02	3.3E-08
585	0.04	3.9E-08	3.8E+00	1.1E-03	1.0E-03	4.5E-06	1.6E-01	5.5E-02	3.9E-08
586	0.05	4.6E-08	4.5E+00	1.1E-03	1.0E-03	5.3E-06	1.6E-01	5.5E-02	4.6E-08
587	0.06	5.5E-08	5.4E+00	1.1E-03	1.0E-03	6.3E-06	1.6E-01	5.5E-02	5.4E-08
588	0.07	6.7E-08	6.5E+00	1.1E-03	1.0E-03	7.7E-06	1.6E-01	5.5E-02	6.6E-08
589	0.45	4.5E-07	4.4E+01	1.1E-03	1.0E-03	5.3E-05	1.6E-01	5.5E-02	4.5E-07
590	0.36	3.6E-07	3.5E+01	1.1E-03	1.0E-03	4.2E-05	1.6E-01	5.5E-02	3.6E-07
591	0.28	2.8E-07	2.8E+01	1.1E-03	1.0E-03	3.3E-05	1.6E-01	5.5E-02	2.8E-07

592	0.22	2.2E-07	2.2E+01	1.1E-03	1.0E-03	2.6E-05	1.6E-01	5.5E-02	2.2E-07
593	0.18	1.8E-07	1.8E+01	1.1E-03	1.0E-03	2.1E-05	1.6E-01	5.5E-02	1.8E-07
594	0.15	1.5E-07	1.4E+01	1.1E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-02	1.5E-07
595	0.12	1.2E-07	1.2E+01	1.1E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-02	1.2E-07
596	0.03	3.3E-08	3.2E+00	1.1E-03	1.0E-03	3.8E-06	1.6E-01	5.5E-02	3.3E-08
597	0.04	3.9E-08	3.8E+00	1.1E-03	1.0E-03	4.5E-06	1.6E-01	5.5E-02	3.8E-08
598	0.05	4.6E-08	4.4E+00	1.1E-03	1.0E-03	5.2E-06	1.6E-01	5.5E-02	4.5E-08
599	0.05	5.4E-08	5.3E+00	1.1E-03	1.0E-03	6.2E-06	1.6E-01	5.5E-02	5.4E-08
600	0.07	6.6E-08	6.4E+00	1.1E-03	1.0E-03	7.6E-06	1.6E-01	5.5E-02	6.5E-08
601	0.38	3.8E-07	3.8E+01	1.1E-03	1.0E-03	4.5E-05	1.6E-01	5.5E-02	3.8E-07
602	0.29	2.9E-07	2.9E+01	1.1E-03	1.0E-03	3.4E-05	1.6E-01	5.5E-02	2.9E-07
603	0.23	2.3E-07	2.2E+01	1.1E-03	1.0E-03	2.6E-05	1.6E-01	5.5E-02	2.3E-07
604	0.18	1.8E-07	1.8E+01	1.1E-03	1.0E-03	2.1E-05	1.6E-01	5.5E-02	1.8E-07
605	0.15	1.5E-07	1.5E+01	1.1E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-02	1.5E-07
606	0.12	1.2E-07	1.2E+01	1.1E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-02	1.2E-07
607	0.03	3.3E-08	3.2E+00	1.1E-03	1.0E-03	3.8E-06	1.6E-01	5.5E-02	3.2E-08
608	0.04	3.8E-08	3.7E+00	1.1E-03	1.0E-03	4.4E-06	1.6E-01	5.5E-02	3.8E-08
609	0.04	4.5E-08	4.3E+00	1.1E-03	1.0E-03	5.1E-06	1.6E-01	5.5E-02	4.4E-08
610	0.05	5.3E-08	5.2E+00	1.1E-03	1.0E-03	6.1E-06	1.6E-01	5.5E-02	5.3E-08
611	0.06	6.4E-08	6.2E+00	1.1E-03	1.0E-03	7.4E-06	1.6E-01	5.5E-02	6.4E-08
612	0.39	3.9E-07	3.8E+01	1.1E-03	1.0E-03	4.5E-05	1.6E-01	5.5E-02	3.9E-07
613	0.29	2.9E-07	2.8E+01	1.1E-03	1.0E-03	3.4E-05	1.6E-01	5.5E-02	2.9E-07
614	0.22	2.2E-07	2.2E+01	1.1E-03	1.0E-03	2.6E-05	1.6E-01	5.5E-02	2.2E-07
615	0.18	1.8E-07	1.7E+01	1.1E-03	1.0E-03	2.0E-05	1.6E-01	5.5E-02	1.8E-07
616	0.14	1.4E-07	1.4E+01	1.1E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-02	1.4E-07
617	0.12	1.2E-07	1.1E+01	1.1E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-02	1.2E-07
618	0.03	3.2E-08	3.1E+00	1.1E-03	1.0E-03	3.7E-06	1.6E-01	5.5E-02	3.2E-08
619	0.04	3.7E-08	3.6E+00	1.1E-03	1.0E-03	4.2E-06	1.6E-01	5.5E-02	3.7E-08
620	0.04	4.3E-08	4.2E+00	1.1E-03	1.0E-03	5.0E-06	1.6E-01	5.5E-02	4.3E-08
621	0.05	5.1E-08	5.0E+00	1.1E-03	1.0E-03	5.9E-06	1.6E-01	5.5E-02	5.1E-08
622	0.06	6.2E-08	6.0E+00	1.1E-03	1.0E-03	7.1E-06	1.6E-01	5.5E-02	6.1E-08
623	0.37	3.7E-07	3.6E+01	1.1E-03	1.0E-03	4.3E-05	1.6E-01	5.5E-02	3.7E-07
624	0.27	2.7E-07	2.6E+01	1.1E-03	1.0E-03	3.1E-05	1.6E-01	5.5E-02	2.7E-07
625	0.21	2.1E-07	2.0E+01	1.1E-03	1.0E-03	2.4E-05	1.6E-01	5.5E-02	2.1E-07
626	0.16	1.6E-07	1.6E+01	1.1E-03	1.0E-03	1.9E-05	1.6E-01	5.5E-02	1.6E-07
627	0.14	1.4E-07	1.3E+01	1.1E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-02	1.3E-07
628	0.11	1.1E-07	1.1E+01	1.1E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-02	1.1E-07
629	0.03	3.1E-08	3.0E+00	1.1E-03	1.0E-03	3.6E-06	1.6E-01	5.5E-02	3.1E-08
630	0.04	3.6E-08	3.5E+00	1.1E-03	1.0E-03	4.1E-06	1.6E-01	5.5E-02	3.5E-08
631	0.04	4.1E-08	4.0E+00	1.1E-03	1.0E-03	4.8E-06	1.6E-01	5.5E-02	4.1E-08
632	0.05	4.9E-08	4.7E+00	1.1E-03	1.0E-03	5.6E-06	1.6E-01	5.5E-02	4.8E-08
633	0.06	5.8E-08	5.7E+00	1.1E-03	1.0E-03	6.7E-06	1.6E-01	5.5E-02	5.8E-08
634	0.32	3.2E-07	3.1E+01	1.1E-03	1.0E-03	3.7E-05	1.6E-01	5.5E-02	3.2E-07
635	0.24	2.4E-07	2.3E+01	1.1E-03	1.0E-03	2.8E-05	1.6E-01	5.5E-02	2.4E-07
636	0.19	1.9E-07	1.8E+01	1.1E-03	1.0E-03	2.2E-05	1.6E-01	5.5E-02	1.9E-07
637	0.15	1.5E-07	1.5E+01	1.1E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-02	1.5E-07

638	0.12	1.2E-07	1.2E+01	1.1E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-02	1.2E-07
639	0.10	1.0E-07	1.0E+01	1.1E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-02	1.0E-07
640	0.03	3.0E-08	2.9E+00	1.1E-03	1.0E-03	3.4E-06	1.6E-01	5.5E-02	3.0E-08
641	0.03	3.4E-08	3.3E+00	1.1E-03	1.0E-03	3.9E-06	1.6E-01	5.5E-02	3.4E-08
642	0.04	4.0E-08	3.9E+00	1.1E-03	1.0E-03	4.6E-06	1.6E-01	5.5E-02	3.9E-08
643	0.05	4.6E-08	4.5E+00	1.1E-03	1.0E-03	5.3E-06	1.6E-01	5.5E-02	4.6E-08
644	0.06	5.5E-08	5.4E+00	1.1E-03	1.0E-03	6.4E-06	1.6E-01	5.5E-02	5.5E-08
645	0.25	2.5E-07	2.5E+01	1.1E-03	1.0E-03	2.9E-05	1.6E-01	5.5E-02	2.5E-07
646	0.20	2.0E-07	2.0E+01	1.1E-03	1.0E-03	2.3E-05	1.6E-01	5.5E-02	2.0E-07
647	0.16	1.6E-07	1.6E+01	1.1E-03	1.0E-03	1.9E-05	1.6E-01	5.5E-02	1.6E-07
648	0.13	1.3E-07	1.3E+01	1.1E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-02	1.3E-07
649	0.11	1.1E-07	1.1E+01	1.1E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-02	1.1E-07
650	0.10	9.6E-08	9.4E+00	1.1E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-02	9.6E-08
651	0.03	2.9E-08	2.8E+00	1.1E-03	1.0E-03	3.3E-06	1.6E-01	5.5E-02	2.8E-08
652	0.03	3.3E-08	3.2E+00	1.1E-03	1.0E-03	3.8E-06	1.6E-01	5.5E-02	3.3E-08
653	0.04	3.8E-08	3.7E+00	1.1E-03	1.0E-03	4.4E-06	1.6E-01	5.5E-02	3.7E-08
654	0.04	4.4E-08	4.3E+00	1.1E-03	1.0E-03	5.1E-06	1.6E-01	5.5E-02	4.4E-08
655	0.05	5.2E-08	5.1E+00	1.1E-03	1.0E-03	6.0E-06	1.6E-01	5.5E-02	5.1E-08
656	0.06	6.2E-08	6.0E+00	1.1E-03	1.0E-03	7.1E-06	1.6E-01	5.5E-02	6.1E-08
657	0.07	7.5E-08	7.3E+00	1.1E-03	1.0E-03	8.6E-06	1.6E-01	5.5E-02	7.4E-08
658	0.09	9.3E-08	9.1E+00	1.1E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-02	9.3E-08
659	0.12	1.2E-07	1.2E+01	1.1E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-02	1.2E-07
660	0.15	1.5E-07	1.5E+01	1.1E-03	1.0E-03	1.8E-05	1.6E-01	5.5E-02	1.5E-07
661	0.20	2.0E-07	1.9E+01	1.1E-03	1.0E-03	2.3E-05	1.6E-01	5.5E-02	2.0E-07
662	0.25	2.5E-07	2.4E+01	1.1E-03	1.0E-03	2.9E-05	1.6E-01	5.5E-02	2.5E-07
663	0.29	2.9E-07	2.9E+01	1.1E-03	1.0E-03	3.4E-05	1.6E-01	5.5E-02	2.9E-07
664	0.33	3.3E-07	3.2E+01	1.1E-03	1.0E-03	3.8E-05	1.6E-01	5.5E-02	3.3E-07
665	0.35	3.5E-07	3.4E+01	1.1E-03	1.0E-03	4.0E-05	1.6E-01	5.5E-02	3.5E-07
666	0.35	3.5E-07	3.5E+01	1.1E-03	1.0E-03	4.1E-05	1.6E-01	5.5E-02	3.5E-07
667	0.35	3.5E-07	3.4E+01	1.1E-03	1.0E-03	4.0E-05	1.6E-01	5.5E-02	3.5E-07
668	0.33	3.3E-07	3.2E+01	1.1E-03	1.0E-03	3.8E-05	1.6E-01	5.5E-02	3.3E-07
669	0.29	2.9E-07	2.9E+01	1.1E-03	1.0E-03	3.4E-05	1.6E-01	5.5E-02	2.9E-07
670	0.24	2.4E-07	2.4E+01	1.1E-03	1.0E-03	2.8E-05	1.6E-01	5.5E-02	2.4E-07
671	0.20	2.0E-07	2.0E+01	1.1E-03	1.0E-03	2.3E-05	1.6E-01	5.5E-02	2.0E-07
672	0.17	1.7E-07	1.6E+01	1.1E-03	1.0E-03	1.9E-05	1.6E-01	5.5E-02	1.7E-07
673	0.14	1.4E-07	1.4E+01	1.1E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-02	1.4E-07
674	0.12	1.2E-07	1.2E+01	1.1E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-02	1.2E-07
675	0.10	1.0E-07	9.9E+00	1.1E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-02	1.0E-07
676	0.09	8.7E-08	8.6E+00	1.1E-03	1.0E-03	1.0E-05	1.6E-01	5.5E-02	8.7E-08
677	0.03	2.7E-08	2.7E+00	1.1E-03	1.0E-03	3.1E-06	1.6E-01	5.5E-02	2.7E-08
678	0.03	3.1E-08	3.0E+00	1.1E-03	1.0E-03	3.6E-06	1.6E-01	5.5E-02	3.1E-08
679	0.04	3.6E-08	3.5E+00	1.1E-03	1.0E-03	4.1E-06	1.6E-01	5.5E-02	3.5E-08
680	0.04	4.1E-08	4.0E+00	1.1E-03	1.0E-03	4.7E-06	1.6E-01	5.5E-02	4.0E-08
681	0.05	4.8E-08	4.7E+00	1.1E-03	1.0E-03	5.5E-06	1.6E-01	5.5E-02	4.7E-08
682	0.06	5.6E-08	5.5E+00	1.1E-03	1.0E-03	6.5E-06	1.6E-01	5.5E-02	5.6E-08
683	0.07	6.7E-08	6.5E+00	1.1E-03	1.0E-03	7.7E-06	1.6E-01	5.5E-02	6.7E-08

684	0.08	8.2E-08	8.0E+00	1.1E-03	1.0E-03	9.4E-06	1.6E-01	5.5E-02	8.1E-08
685	0.10	1.0E-07	9.8E+00	1.1E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-02	1.0E-07
686	0.12	1.2E-07	1.2E+01	1.1E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-02	1.2E-07
687	0.15	1.5E-07	1.5E+01	1.1E-03	1.0E-03	1.8E-05	1.6E-01	5.5E-02	1.5E-07
688	0.18	1.8E-07	1.8E+01	1.1E-03	1.0E-03	2.1E-05	1.6E-01	5.5E-02	1.8E-07
689	0.21	2.1E-07	2.1E+01	1.1E-03	1.0E-03	2.4E-05	1.6E-01	5.5E-02	2.1E-07
690	0.23	2.3E-07	2.3E+01	1.1E-03	1.0E-03	2.7E-05	1.6E-01	5.5E-02	2.3E-07
691	0.25	2.5E-07	2.4E+01	1.1E-03	1.0E-03	2.8E-05	1.6E-01	5.5E-02	2.4E-07
692	0.25	2.5E-07	2.5E+01	1.1E-03	1.0E-03	2.9E-05	1.6E-01	5.5E-02	2.5E-07
693	0.25	2.5E-07	2.4E+01	1.1E-03	1.0E-03	2.9E-05	1.6E-01	5.5E-02	2.5E-07
694	0.23	2.3E-07	2.3E+01	1.1E-03	1.0E-03	2.7E-05	1.6E-01	5.5E-02	2.3E-07
695	0.21	2.1E-07	2.1E+01	1.1E-03	1.0E-03	2.5E-05	1.6E-01	5.5E-02	2.1E-07
696	0.19	1.9E-07	1.9E+01	1.1E-03	1.0E-03	2.2E-05	1.6E-01	5.5E-02	1.9E-07
697	0.16	1.6E-07	1.6E+01	1.1E-03	1.0E-03	1.9E-05	1.6E-01	5.5E-02	1.6E-07
698	0.14	1.4E-07	1.4E+01	1.1E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-02	1.4E-07
699	0.12	1.2E-07	1.2E+01	1.1E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-02	1.2E-07
700	0.10	1.0E-07	1.0E+01	1.1E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-02	1.0E-07
701	0.09	9.1E-08	8.9E+00	1.1E-03	1.0E-03	1.0E-05	1.6E-01	5.5E-02	9.0E-08
702	0.08	7.9E-08	7.8E+00	1.1E-03	1.0E-03	9.2E-06	1.6E-01	5.5E-02	7.9E-08
703	0.03	2.6E-08	2.5E+00	1.1E-03	1.0E-03	3.0E-06	1.6E-01	5.5E-02	2.6E-08
704	0.03	2.9E-08	2.9E+00	1.1E-03	1.0E-03	3.4E-06	1.6E-01	5.5E-02	2.9E-08
705	0.03	3.3E-08	3.2E+00	1.1E-03	1.0E-03	3.8E-06	1.6E-01	5.5E-02	3.3E-08
706	0.04	3.8E-08	3.7E+00	1.1E-03	1.0E-03	4.4E-06	1.6E-01	5.5E-02	3.8E-08
707	0.04	4.4E-08	4.3E+00	1.1E-03	1.0E-03	5.1E-06	1.6E-01	5.5E-02	4.4E-08
708	0.05	5.1E-08	5.0E+00	1.1E-03	1.0E-03	5.9E-06	1.6E-01	5.5E-02	5.1E-08
709	0.06	6.0E-08	5.9E+00	1.1E-03	1.0E-03	7.0E-06	1.6E-01	5.5E-02	6.0E-08
710	0.07	7.2E-08	7.1E+00	1.1E-03	1.0E-03	8.3E-06	1.6E-01	5.5E-02	7.2E-08
711	0.09	8.6E-08	8.4E+00	1.1E-03	1.0E-03	9.9E-06	1.6E-01	5.5E-02	8.5E-08
712	0.10	1.0E-07	1.0E+01	1.1E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-02	1.0E-07
713	0.12	1.2E-07	1.2E+01	1.1E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-02	1.2E-07
714	0.14	1.4E-07	1.4E+01	1.1E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-02	1.4E-07
715	0.16	1.6E-07	1.6E+01	1.1E-03	1.0E-03	1.8E-05	1.6E-01	5.5E-02	1.6E-07
716	0.17	1.7E-07	1.7E+01	1.1E-03	1.0E-03	2.0E-05	1.6E-01	5.5E-02	1.7E-07
717	0.18	1.8E-07	1.8E+01	1.1E-03	1.0E-03	2.1E-05	1.6E-01	5.5E-02	1.8E-07
718	0.19	1.9E-07	1.8E+01	1.1E-03	1.0E-03	2.2E-05	1.6E-01	5.5E-02	1.9E-07
719	0.18	1.8E-07	1.8E+01	1.1E-03	1.0E-03	2.1E-05	1.6E-01	5.5E-02	1.8E-07
720	0.18	1.8E-07	1.7E+01	1.1E-03	1.0E-03	2.1E-05	1.6E-01	5.5E-02	1.8E-07
721	0.17	1.7E-07	1.6E+01	1.1E-03	1.0E-03	1.9E-05	1.6E-01	5.5E-02	1.7E-07
722	0.15	1.5E-07	1.5E+01	1.1E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-02	1.5E-07
723	0.13	1.3E-07	1.3E+01	1.1E-03	1.0E-03	1.5E-05	1.6E-01	5.5E-02	1.3E-07
724	0.12	1.2E-07	1.2E+01	1.1E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-02	1.2E-07
725	0.10	1.0E-07	1.0E+01	1.1E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-02	1.0E-07
726	0.09	9.2E-08	9.0E+00	1.1E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-02	9.2E-08
727	0.08	8.1E-08	7.9E+00	1.1E-03	1.0E-03	9.4E-06	1.6E-01	5.5E-02	8.1E-08
728	0.07	7.2E-08	7.0E+00	1.1E-03	1.0E-03	8.3E-06	1.6E-01	5.5E-02	7.2E-08
729	0.02	2.5E-08	2.4E+00	1.1E-03	1.0E-03	2.8E-06	1.6E-01	5.5E-02	2.4E-08

730	0.03	2.8E-08	2.7E+00	1.1E-03	1.0E-03	3.2E-06	1.6E-01	5.5E-02	2.7E-08
731	0.03	3.1E-08	3.0E+00	1.1E-03	1.0E-03	3.6E-06	1.6E-01	5.5E-02	3.1E-08
732	0.04	3.5E-08	3.5E+00	1.1E-03	1.0E-03	4.1E-06	1.6E-01	5.5E-02	3.5E-08
733	0.04	4.0E-08	3.9E+00	1.1E-03	1.0E-03	4.7E-06	1.6E-01	5.5E-02	4.0E-08
734	0.05	4.7E-08	4.6E+00	1.1E-03	1.0E-03	5.4E-06	1.6E-01	5.5E-02	4.6E-08
735	0.05	5.4E-08	5.3E+00	1.1E-03	1.0E-03	6.3E-06	1.6E-01	5.5E-02	5.4E-08
736	0.06	6.4E-08	6.2E+00	1.1E-03	1.0E-03	7.3E-06	1.6E-01	5.5E-02	6.3E-08
737	0.07	7.4E-08	7.2E+00	1.1E-03	1.0E-03	8.5E-06	1.6E-01	5.5E-02	7.3E-08
738	0.09	8.6E-08	8.4E+00	1.1E-03	1.0E-03	9.9E-06	1.6E-01	5.5E-02	8.6E-08
739	0.10	9.9E-08	9.6E+00	1.1E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-02	9.8E-08
740	0.11	1.1E-07	1.1E+01	1.1E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-02	1.1E-07
741	0.12	1.2E-07	1.2E+01	1.1E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-02	1.2E-07
742	0.13	1.3E-07	1.3E+01	1.1E-03	1.0E-03	1.5E-05	1.6E-01	5.5E-02	1.3E-07
743	0.14	1.4E-07	1.4E+01	1.1E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-02	1.4E-07
744	0.14	1.4E-07	1.4E+01	1.1E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-02	1.4E-07
745	0.14	1.4E-07	1.4E+01	1.1E-03	1.0E-03	1.7E-05	1.6E-01	5.5E-02	1.4E-07
746	0.14	1.4E-07	1.4E+01	1.1E-03	1.0E-03	1.6E-05	1.6E-01	5.5E-02	1.4E-07
747	0.13	1.3E-07	1.3E+01	1.1E-03	1.0E-03	1.5E-05	1.6E-01	5.5E-02	1.3E-07
748	0.12	1.2E-07	1.2E+01	1.1E-03	1.0E-03	1.4E-05	1.6E-01	5.5E-02	1.2E-07
749	0.11	1.1E-07	1.1E+01	1.1E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-02	1.1E-07
750	0.10	1.0E-07	9.9E+00	1.1E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-02	1.0E-07
751	0.09	9.1E-08	8.9E+00	1.1E-03	1.0E-03	1.0E-05	1.6E-01	5.5E-02	9.0E-08
752	0.08	8.1E-08	7.9E+00	1.1E-03	1.0E-03	9.4E-06	1.6E-01	5.5E-02	8.1E-08
753	0.07	7.3E-08	7.1E+00	1.1E-03	1.0E-03	8.4E-06	1.6E-01	5.5E-02	7.2E-08
754	0.07	6.5E-08	6.4E+00	1.1E-03	1.0E-03	7.5E-06	1.6E-01	5.5E-02	6.5E-08
755	0.02	2.3E-08	2.3E+00	1.1E-03	1.0E-03	2.7E-06	1.6E-01	5.5E-02	2.3E-08
756	0.03	2.6E-08	2.5E+00	1.1E-03	1.0E-03	3.0E-06	1.6E-01	5.5E-02	2.6E-08
757	0.03	2.9E-08	2.8E+00	1.1E-03	1.0E-03	3.3E-06	1.6E-01	5.5E-02	2.9E-08
758	0.03	3.3E-08	3.2E+00	1.1E-03	1.0E-03	3.8E-06	1.6E-01	5.5E-02	3.2E-08
759	0.04	3.7E-08	3.6E+00	1.1E-03	1.0E-03	4.3E-06	1.6E-01	5.5E-02	3.7E-08
760	0.04	4.2E-08	4.1E+00	1.1E-03	1.0E-03	4.9E-06	1.6E-01	5.5E-02	4.2E-08
761	0.05	4.9E-08	4.7E+00	1.1E-03	1.0E-03	5.6E-06	1.6E-01	5.5E-02	4.8E-08
762	0.06	5.6E-08	5.5E+00	1.1E-03	1.0E-03	6.4E-06	1.6E-01	5.5E-02	5.6E-08
763	0.06	6.4E-08	6.2E+00	1.1E-03	1.0E-03	7.4E-06	1.6E-01	5.5E-02	6.3E-08
764	0.07	7.3E-08	7.1E+00	1.1E-03	1.0E-03	8.4E-06	1.6E-01	5.5E-02	7.2E-08
765	0.08	8.2E-08	8.0E+00	1.1E-03	1.0E-03	9.5E-06	1.6E-01	5.5E-02	8.1E-08
766	0.09	9.1E-08	8.9E+00	1.1E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-02	9.1E-08
767	0.10	1.0E-07	9.8E+00	1.1E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-02	1.0E-07
768	0.11	1.1E-07	1.0E+01	1.1E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-02	1.1E-07
769	0.11	1.1E-07	1.1E+01	1.1E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-02	1.1E-07
770	0.12	1.2E-07	1.1E+01	1.1E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-02	1.2E-07
771	0.12	1.2E-07	1.1E+01	1.1E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-02	1.2E-07
772	0.11	1.1E-07	1.1E+01	1.1E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-02	1.1E-07
773	0.11	1.1E-07	1.1E+01	1.1E-03	1.0E-03	1.3E-05	1.6E-01	5.5E-02	1.1E-07
774	0.10	1.0E-07	1.0E+01	1.1E-03	1.0E-03	1.2E-05	1.6E-01	5.5E-02	1.0E-07
775	0.09	9.5E-08	9.3E+00	1.1E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-02	9.5E-08

776	0.09	8.7E-08	8.5E+00	1.1E-03	1.0E-03	1.0E-05	1.6E-01	5.5E-02	8.7E-08
777	0.08	7.9E-08	7.8E+00	1.1E-03	1.0E-03	9.2E-06	1.6E-01	5.5E-02	7.9E-08
778	0.07	7.2E-08	7.1E+00	1.1E-03	1.0E-03	8.3E-06	1.6E-01	5.5E-02	7.2E-08
779	0.07	6.5E-08	6.4E+00	1.1E-03	1.0E-03	7.6E-06	1.6E-01	5.5E-02	6.5E-08
780	0.06	5.9E-08	5.8E+00	1.1E-03	1.0E-03	6.9E-06	1.6E-01	5.5E-02	5.9E-08
781	0.02	2.2E-08	2.1E+00	1.1E-03	1.0E-03	2.5E-06	1.6E-01	5.5E-02	2.2E-08
782	0.02	2.4E-08	2.4E+00	1.1E-03	1.0E-03	2.8E-06	1.6E-01	5.5E-02	2.4E-08
783	0.03	2.7E-08	2.6E+00	1.1E-03	1.0E-03	3.1E-06	1.6E-01	5.5E-02	2.7E-08
784	0.03	3.0E-08	3.0E+00	1.1E-03	1.0E-03	3.5E-06	1.6E-01	5.5E-02	3.0E-08
785	0.03	3.4E-08	3.3E+00	1.1E-03	1.0E-03	3.9E-06	1.6E-01	5.5E-02	3.4E-08
786	0.04	3.9E-08	3.8E+00	1.1E-03	1.0E-03	4.4E-06	1.6E-01	5.5E-02	3.8E-08
787	0.04	4.4E-08	4.3E+00	1.1E-03	1.0E-03	5.0E-06	1.6E-01	5.5E-02	4.3E-08
788	0.05	5.0E-08	4.8E+00	1.1E-03	1.0E-03	5.7E-06	1.6E-01	5.5E-02	4.9E-08
789	0.06	5.6E-08	5.4E+00	1.1E-03	1.0E-03	6.4E-06	1.6E-01	5.5E-02	5.5E-08
790	0.06	6.2E-08	6.1E+00	1.1E-03	1.0E-03	7.2E-06	1.6E-01	5.5E-02	6.2E-08
791	0.07	6.9E-08	6.8E+00	1.1E-03	1.0E-03	8.0E-06	1.6E-01	5.5E-02	6.9E-08
792	0.08	7.6E-08	7.5E+00	1.1E-03	1.0E-03	8.8E-06	1.6E-01	5.5E-02	7.6E-08
793	0.08	8.3E-08	8.1E+00	1.1E-03	1.0E-03	9.6E-06	1.6E-01	5.5E-02	8.3E-08
794	0.09	8.8E-08	8.6E+00	1.1E-03	1.0E-03	1.0E-05	1.6E-01	5.5E-02	8.8E-08
795	0.09	9.2E-08	9.0E+00	1.1E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-02	9.2E-08
796	0.10	9.5E-08	9.3E+00	1.1E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-02	9.5E-08
797	0.10	9.6E-08	9.4E+00	1.1E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-02	9.6E-08
798	0.10	9.5E-08	9.3E+00	1.1E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-02	9.5E-08
799	0.09	9.2E-08	9.0E+00	1.1E-03	1.0E-03	1.1E-05	1.6E-01	5.5E-02	9.2E-08
800	0.09	8.7E-08	8.5E+00	1.1E-03	1.0E-03	1.0E-05	1.6E-01	5.5E-02	8.6E-08
801	0.08	8.1E-08	8.0E+00	1.1E-03	1.0E-03	9.4E-06	1.6E-01	5.5E-02	8.1E-08
802	0.08	7.6E-08	7.4E+00	1.1E-03	1.0E-03	8.8E-06	1.6E-01	5.5E-02	7.6E-08
803	0.07	7.0E-08	6.9E+00	1.1E-03	1.0E-03	8.1E-06	1.6E-01	5.5E-02	7.0E-08
804	0.06	6.5E-08	6.3E+00	1.1E-03	1.0E-03	7.5E-06	1.6E-01	5.5E-02	6.4E-08
805	0.06	5.9E-08	5.8E+00	1.1E-03	1.0E-03	6.8E-06	1.6E-01	5.5E-02	5.9E-08
806	0.05	5.4E-08	5.3E+00	1.1E-03	1.0E-03	6.3E-06	1.6E-01	5.5E-02	5.4E-08

Franklin School Project

Risk From New Building Demo - Mitigated Residential

Haul Route 1A							Haul Route 2A						
Conc	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
3.2E-01	2.0E-06	1.0E-03	6.6E-10	1.6E-01	5.5E-02	5.7E-12	3.4E-01	6.2E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11
3.6E-01	2.0E-06	1.0E-03	7.5E-10	1.6E-01	5.5E-02	6.5E-12	3.9E-01	6.2E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-02	2.2E-11
4.1E-01	2.0E-06	1.0E-03	8.5E-10	1.6E-01	5.5E-02	7.3E-12	4.5E-01	6.2E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-02	2.5E-11
4.6E-01	2.0E-06	1.0E-03	9.5E-10	1.6E-01	5.5E-02	8.2E-12	5.2E-01	6.2E-06	1.0E-03	3.3E-09	1.6E-01	5.5E-02	2.9E-11
5.1E-01	2.0E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	9.0E-12	5.8E-01	6.2E-06	1.0E-03	3.8E-09	1.6E-01	5.5E-02	3.3E-11
5.5E-01	2.0E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.8E-12	6.5E-01	6.2E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-02	3.6E-11
6.0E-01	2.0E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.1E-11	7.1E-01	6.2E-06	1.0E-03	4.6E-09	1.6E-01	5.5E-02	3.9E-11
6.4E-01	2.0E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11	7.7E-01	6.2E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-02	4.3E-11
6.9E-01	2.0E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11	8.4E-01	6.2E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-02	4.7E-11
7.5E-01	2.0E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11	9.2E-01	6.2E-06	1.0E-03	6.0E-09	1.6E-01	5.5E-02	5.1E-11
8.0E-01	2.0E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.4E-11	9.9E-01	6.2E-06	1.0E-03	6.4E-09	1.6E-01	5.5E-02	5.5E-11
8.4E-01	2.0E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.5E-11	1.0E+00	6.2E-06	1.0E-03	6.7E-09	1.6E-01	5.5E-02	5.8E-11
8.5E-01	2.0E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.5E-11	1.0E+00	6.2E-06	1.0E-03	6.8E-09	1.6E-01	5.5E-02	5.8E-11
8.3E-01	2.0E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.5E-11	1.0E+00	6.2E-06	1.0E-03	6.6E-09	1.6E-01	5.5E-02	5.7E-11
7.9E-01	2.0E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.4E-11	9.5E-01	6.2E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-02	5.3E-11
7.4E-01	2.0E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11	8.8E-01	6.2E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-02	4.9E-11
3.8E-01	2.0E-06	1.0E-03	7.7E-10	1.6E-01	5.5E-02	6.6E-12	3.9E-01	6.2E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-02	2.2E-11
4.4E-01	2.0E-06	1.0E-03	9.0E-10	1.6E-01	5.5E-02	7.7E-12	4.7E-01	6.2E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-02	2.6E-11
5.1E-01	2.0E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	9.0E-12	5.5E-01	6.2E-06	1.0E-03	3.6E-09	1.6E-01	5.5E-02	3.1E-11
5.8E-01	2.0E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11	6.5E-01	6.2E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-02	3.7E-11
6.6E-01	2.0E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11	7.6E-01	6.2E-06	1.0E-03	4.9E-09	1.6E-01	5.5E-02	4.3E-11
7.3E-01	2.0E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11	8.7E-01	6.2E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-02	4.9E-11
8.0E-01	2.0E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.4E-11	9.7E-01	6.2E-06	1.0E-03	6.3E-09	1.6E-01	5.5E-02	5.4E-11
8.7E-01	2.0E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.5E-11	1.1E+00	6.2E-06	1.0E-03	7.0E-09	1.6E-01	5.5E-02	6.1E-11
9.6E-01	2.0E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-02	1.7E-11	1.2E+00	6.2E-06	1.0E-03	7.8E-09	1.6E-01	5.5E-02	6.7E-11
1.1E+00	2.0E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11	1.3E+00	6.2E-06	1.0E-03	8.6E-09	1.6E-01	5.5E-02	7.4E-11
1.1E+00	2.0E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11	1.4E+00	6.2E-06	1.0E-03	9.2E-09	1.6E-01	5.5E-02	7.9E-11
1.1E+00	2.0E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11	1.4E+00	6.2E-06	1.0E-03	9.3E-09	1.6E-01	5.5E-02	8.0E-11
1.1E+00	2.0E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11	1.4E+00	6.2E-06	1.0E-03	9.0E-09	1.6E-01	5.5E-02	7.7E-11
1.0E+00	2.0E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11	1.3E+00	6.2E-06	1.0E-03	8.3E-09	1.6E-01	5.5E-02	7.2E-11
9.6E-01	2.0E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-02	1.7E-11	1.2E+00	6.2E-06	1.0E-03	7.5E-09	1.6E-01	5.5E-02	6.4E-11
8.7E-01	2.0E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.5E-11	1.0E+00	6.2E-06	1.0E-03	6.6E-09	1.6E-01	5.5E-02	5.7E-11
4.4E-01	2.0E-06	1.0E-03	9.1E-10	1.6E-01	5.5E-02	7.8E-12	4.5E-01	6.2E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-02	2.5E-11
5.3E-01	2.0E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.4E-12	5.6E-01	6.2E-06	1.0E-03	3.6E-09	1.6E-01	5.5E-02	3.1E-11
6.3E-01	2.0E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11	6.9E-01	6.2E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-02	3.8E-11
7.6E-01	2.0E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.3E-11	8.5E-01	6.2E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-02	4.7E-11
8.9E-01	2.0E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.6E-11	1.0E+00	6.2E-06	1.0E-03	6.7E-09	1.6E-01	5.5E-02	5.8E-11
1.0E+00	2.0E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11	1.2E+00	6.2E-06	1.0E-03	8.0E-09	1.6E-01	5.5E-02	6.9E-11
1.1E+00	2.0E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11	1.4E+00	6.2E-06	1.0E-03	9.3E-09	1.6E-01	5.5E-02	8.0E-11

1.3E+00	2.0E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-02	2.2E-11	1.6E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.2E-11
1.4E+00	2.0E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-02	2.5E-11	1.9E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10
1.5E+00	2.0E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-02	2.7E-11	2.1E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10
1.6E+00	2.0E-06	1.0E-03	3.3E-09	1.6E-01	5.5E-02	2.8E-11	2.1E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10
1.5E+00	2.0E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-02	2.7E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10
1.4E+00	2.0E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-02	2.5E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10
1.3E+00	2.0E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-02	2.3E-11	1.6E+00	6.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.8E-11
1.1E+00	2.0E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11	1.3E+00	6.2E-06	1.0E-03	8.7E-09	1.6E-01	5.5E-02	7.5E-11
9.8E-01	2.0E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-02	1.7E-11	1.1E+00	6.2E-06	1.0E-03	7.4E-09	1.6E-01	5.5E-02	6.4E-11
5.2E-01	2.0E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.2E-12	5.2E-01	6.2E-06	1.0E-03	3.4E-09	1.6E-01	5.5E-02	2.9E-11
6.4E-01	2.0E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11	6.6E-01	6.2E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-02	3.7E-11
8.1E-01	2.0E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.4E-11	8.6E-01	6.2E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-02	4.8E-11
1.0E+00	2.0E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11	1.1E+00	6.2E-06	1.0E-03	7.3E-09	1.6E-01	5.5E-02	6.3E-11
1.3E+00	2.0E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-02	2.2E-11	1.5E+00	6.2E-06	1.0E-03	9.6E-09	1.6E-01	5.5E-02	8.3E-11
1.5E+00	2.0E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-02	2.7E-11	1.9E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.1E-10
1.7E+00	2.0E-06	1.0E-03	3.6E-09	1.6E-01	5.5E-02	3.1E-11	2.3E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10
2.0E+00	2.0E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-02	3.6E-11	2.8E+00	6.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.6E-10
2.3E+00	2.0E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-02	4.0E-11	3.2E+00	6.2E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10
2.4E+00	2.0E-06	1.0E-03	4.9E-09	1.6E-01	5.5E-02	4.2E-11	3.4E+00	6.2E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10
2.3E+00	2.0E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-02	4.0E-11	3.1E+00	6.2E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.8E-10
2.1E+00	2.0E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-02	3.6E-11	2.7E+00	6.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.5E-10
1.8E+00	2.0E-06	1.0E-03	3.7E-09	1.6E-01	5.5E-02	3.2E-11	2.3E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10
1.5E+00	2.0E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-02	2.7E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10
1.3E+00	2.0E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-02	2.3E-11	1.5E+00	6.2E-06	1.0E-03	9.7E-09	1.6E-01	5.5E-02	8.3E-11
1.1E+00	2.0E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11	1.2E+00	6.2E-06	1.0E-03	7.9E-09	1.6E-01	5.5E-02	6.8E-11
6.0E-01	2.0E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.1E-11	5.9E-01	6.2E-06	1.0E-03	3.8E-09	1.6E-01	5.5E-02	3.3E-11
7.8E-01	2.0E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.4E-11	7.8E-01	6.2E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-02	4.3E-11
1.0E+00	2.0E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11	1.1E+00	6.2E-06	1.0E-03	6.9E-09	1.6E-01	5.5E-02	6.0E-11
1.4E+00	2.0E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-02	2.5E-11	1.5E+00	6.2E-06	1.0E-03	9.9E-09	1.6E-01	5.5E-02	8.5E-11
1.9E+00	2.0E-06	1.0E-03	3.9E-09	1.6E-01	5.5E-02	3.4E-11	2.2E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10
2.5E+00	2.0E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-02	4.4E-11	3.3E+00	6.2E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10
3.0E+00	2.0E-06	1.0E-03	6.3E-09	1.6E-01	5.5E-02	5.4E-11	4.5E+00	6.2E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-02	2.5E-10
3.6E+00	2.0E-06	1.0E-03	7.5E-09	1.6E-01	5.5E-02	6.5E-11	5.6E+00	6.2E-06	1.0E-03	3.7E-08	1.6E-01	5.5E-02	3.2E-10
3.9E+00	2.0E-06	1.0E-03	8.1E-09	1.6E-01	5.5E-02	7.0E-11	6.2E+00	6.2E-06	1.0E-03	4.0E-08	1.6E-01	5.5E-02	3.5E-10
3.7E+00	2.0E-06	1.0E-03	7.7E-09	1.6E-01	5.5E-02	6.6E-11	5.6E+00	6.2E-06	1.0E-03	3.6E-08	1.6E-01	5.5E-02	3.1E-10
3.2E+00	2.0E-06	1.0E-03	6.6E-09	1.6E-01	5.5E-02	5.7E-11	4.5E+00	6.2E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-02	2.5E-10
2.6E+00	2.0E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-02	4.7E-11	3.4E+00	6.2E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10
2.1E+00	2.0E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-02	3.7E-11	2.6E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10
1.7E+00	2.0E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-02	3.0E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10
1.4E+00	2.0E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-02	2.4E-11	1.5E+00	6.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.6E-11
1.1E+00	2.0E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11	1.2E+00	6.2E-06	1.0E-03	7.9E-09	1.6E-01	5.5E-02	6.8E-11
6.8E-01	2.0E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11	6.5E-01	6.2E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-02	3.6E-11
9.3E-01	2.0E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-02	1.6E-11	8.8E-01	6.2E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-02	4.9E-11
1.3E+00	2.0E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-02	2.3E-11	1.3E+00	6.2E-06	1.0E-03	8.3E-09	1.6E-01	5.5E-02	7.2E-11
2.0E+00	2.0E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-02	3.5E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10
3.1E+00	2.0E-06	1.0E-03	6.3E-09	1.6E-01	5.5E-02	5.5E-11	3.5E+00	6.2E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-02	1.9E-10

4.8E+00	2.0E-06	1.0E-03	9.8E-09	1.6E-01	5.5E-02	8.4E-11	6.5E+00	6.2E-06	1.0E-03	4.2E-08	1.6E-01	5.5E-02	3.6E-10
6.6E+00	2.0E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	1.1E+01	6.2E-06	1.0E-03	7.3E-08	1.6E-01	5.5E-02	6.3E-10
7.9E+00	2.0E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	1.5E+01	6.2E-06	1.0E-03	9.7E-08	1.6E-01	5.5E-02	8.3E-10
7.2E+00	2.0E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	1.3E+01	6.2E-06	1.0E-03	8.3E-08	1.6E-01	5.5E-02	7.2E-10
5.6E+00	2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	9.9E-11	8.7E+00	6.2E-06	1.0E-03	5.7E-08	1.6E-01	5.5E-02	4.9E-10
4.2E+00	2.0E-06	1.0E-03	8.5E-09	1.6E-01	5.5E-02	7.4E-11	5.7E+00	6.2E-06	1.0E-03	3.7E-08	1.6E-01	5.5E-02	3.2E-10
3.1E+00	2.0E-06	1.0E-03	6.3E-09	1.6E-01	5.5E-02	5.5E-11	3.9E+00	6.2E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.2E-10
2.3E+00	2.0E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-02	4.1E-11	2.7E+00	6.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.5E-10
1.8E+00	2.0E-06	1.0E-03	3.6E-09	1.6E-01	5.5E-02	3.1E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10
1.4E+00	2.0E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-02	2.4E-11	1.5E+00	6.2E-06	1.0E-03	9.7E-09	1.6E-01	5.5E-02	8.3E-11
1.1E+00	2.0E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11	1.2E+00	6.2E-06	1.0E-03	7.5E-09	1.6E-01	5.5E-02	6.4E-11
7.5E-01	2.0E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11	6.8E-01	6.2E-06	1.0E-03	4.4E-09	1.6E-01	5.5E-02	3.8E-11
1.1E+00	2.0E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11	9.5E-01	6.2E-06	1.0E-03	6.1E-09	1.6E-01	5.5E-02	5.3E-11
1.6E+00	2.0E-06	1.0E-03	3.3E-09	1.6E-01	5.5E-02	2.9E-11	1.4E+00	6.2E-06	1.0E-03	9.4E-09	1.6E-01	5.5E-02	8.1E-11
2.7E+00	2.0E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-02	4.8E-11	2.5E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10
5.2E+00	2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.2E-11	5.0E+00	6.2E-06	1.0E-03	3.2E-08	1.6E-01	5.5E-02	2.8E-10
1.2E+01	2.0E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	1.4E+01	6.2E-06	1.0E-03	9.2E-08	1.6E-01	5.5E-02	7.9E-10
2.3E+01	2.0E-06	1.0E-03	4.8E-08	1.6E-01	5.5E-02	4.2E-10	5.4E+01	6.2E-06	1.0E-03	3.5E-07	1.6E-01	5.5E-02	3.0E-09
2.0E+01	2.0E-06	1.0E-03	4.1E-08	1.6E-01	5.5E-02	3.5E-10	6.1E+01	6.2E-06	1.0E-03	3.9E-07	1.6E-01	5.5E-02	3.4E-09
1.2E+01	2.0E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.2E-10	2.4E+01	6.2E-06	1.0E-03	1.5E-07	1.6E-01	5.5E-02	1.3E-09
7.4E+00	2.0E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	1.1E+01	6.2E-06	1.0E-03	7.1E-08	1.6E-01	5.5E-02	6.1E-10
4.7E+00	2.0E-06	1.0E-03	9.7E-09	1.6E-01	5.5E-02	8.4E-11	6.0E+00	6.2E-06	1.0E-03	3.9E-08	1.6E-01	5.5E-02	3.4E-10
3.2E+00	2.0E-06	1.0E-03	6.6E-09	1.6E-01	5.5E-02	5.7E-11	3.8E+00	6.2E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10
2.3E+00	2.0E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-02	4.0E-11	2.5E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10
1.7E+00	2.0E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-02	3.0E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10
1.3E+00	2.0E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-02	2.3E-11	1.3E+00	6.2E-06	1.0E-03	8.7E-09	1.6E-01	5.5E-02	7.5E-11
1.0E+00	2.0E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11	1.0E+00	6.2E-06	1.0E-03	6.7E-09	1.6E-01	5.5E-02	5.8E-11
7.9E-01	2.0E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.4E-11	6.9E-01	6.2E-06	1.0E-03	4.4E-09	1.6E-01	5.5E-02	3.8E-11
1.1E+00	2.0E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11	9.7E-01	6.2E-06	1.0E-03	6.3E-09	1.6E-01	5.5E-02	5.4E-11
1.8E+00	2.0E-06	1.0E-03	3.7E-09	1.6E-01	5.5E-02	3.2E-11	1.5E+00	6.2E-06	1.0E-03	9.6E-09	1.6E-01	5.5E-02	8.3E-11
3.3E+00	2.0E-06	1.0E-03	6.8E-09	1.6E-01	5.5E-02	5.8E-11	2.6E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.4E-10
7.6E+00	2.0E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.3E-10	5.5E+00	6.2E-06	1.0E-03	3.6E-08	1.6E-01	5.5E-02	3.1E-10
7.7E+00	2.0E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	9.6E+00	6.2E-06	1.0E-03	6.2E-08	1.6E-01	5.5E-02	5.4E-10
4.5E+00	2.0E-06	1.0E-03	9.3E-09	1.6E-01	5.5E-02	8.0E-11	5.1E+00	6.2E-06	1.0E-03	3.3E-08	1.6E-01	5.5E-02	2.9E-10
3.0E+00	2.0E-06	1.0E-03	6.1E-09	1.6E-01	5.5E-02	5.2E-11	3.2E+00	6.2E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10
2.1E+00	2.0E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-02	3.6E-11	2.1E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10
1.5E+00	2.0E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-02	2.7E-11	1.5E+00	6.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.6E-11
1.1E+00	2.0E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.0E-11	1.2E+00	6.2E-06	1.0E-03	7.5E-09	1.6E-01	5.5E-02	6.5E-11
9.0E-01	2.0E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.6E-11	9.0E-01	6.2E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-02	5.1E-11
7.8E-01	2.0E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.4E-11	6.6E-01	6.2E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-02	3.7E-11
1.1E+00	2.0E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11	9.1E-01	6.2E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-02	5.1E-11
1.8E+00	2.0E-06	1.0E-03	3.7E-09	1.6E-01	5.5E-02	3.2E-11	1.4E+00	6.2E-06	1.0E-03	8.8E-09	1.6E-01	5.5E-02	7.6E-11
3.3E+00	2.0E-06	1.0E-03	6.7E-09	1.6E-01	5.5E-02	5.8E-11	2.2E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10
7.4E+00	2.0E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	4.1E+00	6.2E-06	1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.3E-10
6.3E+00	2.0E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	6.4E+00	6.2E-06	1.0E-03	4.2E-08	1.6E-01	5.5E-02	3.6E-10
3.7E+00	2.0E-06	1.0E-03	7.7E-09	1.6E-01	5.5E-02	6.6E-11	3.9E+00	6.2E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.2E-10

2.4E+00	2.0E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-02	4.3E-11	2.5E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10
1.7E+00	2.0E-06	1.0E-03	3.6E-09	1.6E-01	5.5E-02	3.1E-11	1.8E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.9E-11
1.3E+00	2.0E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-02	2.3E-11	1.3E+00	6.2E-06	1.0E-03	8.4E-09	1.6E-01	5.5E-02	7.3E-11
9.9E-01	2.0E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-02	1.8E-11	9.9E-01	6.2E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-02	5.6E-11
7.8E-01	2.0E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.4E-11	7.8E-01	6.2E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-02	4.4E-11
7.4E-01	2.0E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11	6.1E-01	6.2E-06	1.0E-03	3.9E-09	1.6E-01	5.5E-02	3.4E-11
1.0E+00	2.0E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11	8.2E-01	6.2E-06	1.0E-03	5.3E-09	1.6E-01	5.5E-02	4.6E-11
1.6E+00	2.0E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-02	2.8E-11	1.1E+00	6.2E-06	1.0E-03	7.4E-09	1.6E-01	5.5E-02	6.4E-11
2.7E+00	2.0E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-02	4.7E-11	1.7E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.7E-11
5.0E+00	2.0E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.8E-11	2.7E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10
4.5E+00	2.0E-06	1.0E-03	9.2E-09	1.6E-01	5.5E-02	7.9E-11	4.2E+00	6.2E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10
2.9E+00	2.0E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-02	5.1E-11	2.8E+00	6.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.6E-10
2.0E+00	2.0E-06	1.0E-03	4.0E-09	1.6E-01	5.5E-02	3.5E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10
1.5E+00	2.0E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-02	2.6E-11	1.5E+00	6.2E-06	1.0E-03	9.6E-09	1.6E-01	5.5E-02	8.3E-11
1.1E+00	2.0E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	1.9E-11	1.1E+00	6.2E-06	1.0E-03	7.2E-09	1.6E-01	5.5E-02	6.2E-11
8.6E-01	2.0E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.5E-11	8.7E-01	6.2E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-02	4.8E-11
6.9E-01	2.0E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11	6.9E-01	6.2E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-02	3.9E-11
6.7E-01	2.0E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11	5.4E-01	6.2E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-02	3.0E-11
9.0E-01	2.0E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-02	1.6E-11	7.0E-01	6.2E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-02	3.9E-11
1.3E+00	2.0E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-02	2.3E-11	9.4E-01	6.2E-06	1.0E-03	6.1E-09	1.6E-01	5.5E-02	5.2E-11
2.0E+00	2.0E-06	1.0E-03	4.0E-09	1.6E-01	5.5E-02	3.5E-11	1.3E+00	6.2E-06	1.0E-03	8.5E-09	1.6E-01	5.5E-02	7.3E-11
3.1E+00	2.0E-06	1.0E-03	6.4E-09	1.6E-01	5.5E-02	5.5E-11	1.9E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10
3.3E+00	2.0E-06	1.0E-03	6.9E-09	1.6E-01	5.5E-02	5.9E-11	3.0E+00	6.2E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.7E-10
2.3E+00	2.0E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-02	4.0E-11	2.2E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10
1.6E+00	2.0E-06	1.0E-03	3.3E-09	1.6E-01	5.5E-02	2.8E-11	1.6E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.0E-11
1.2E+00	2.0E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-02	2.2E-11	1.3E+00	6.2E-06	1.0E-03	8.3E-09	1.6E-01	5.5E-02	7.1E-11
9.6E-01	2.0E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-02	1.7E-11	9.8E-01	6.2E-06	1.0E-03	6.4E-09	1.6E-01	5.5E-02	5.5E-11
7.6E-01	2.0E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.3E-11	7.8E-01	6.2E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-02	4.3E-11
6.1E-01	2.0E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11	6.3E-01	6.2E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-02	3.5E-11
5.9E-01	2.0E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11	4.7E-01	6.2E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-02	2.6E-11
7.6E-01	2.0E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.3E-11	5.9E-01	6.2E-06	1.0E-03	3.8E-09	1.6E-01	5.5E-02	3.3E-11
1.0E+00	2.0E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11	7.6E-01	6.2E-06	1.0E-03	4.9E-09	1.6E-01	5.5E-02	4.2E-11
1.4E+00	2.0E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-02	2.5E-11	1.0E+00	6.2E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-02	5.6E-11
2.1E+00	2.0E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-02	3.7E-11	1.4E+00	6.2E-06	1.0E-03	8.8E-09	1.6E-01	5.5E-02	7.6E-11
2.9E+00	2.0E-06	1.0E-03	6.0E-09	1.6E-01	5.5E-02	5.2E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10
3.6E+00	2.0E-06	1.0E-03	7.4E-09	1.6E-01	5.5E-02	6.4E-11	2.2E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10
3.6E+00	2.0E-06	1.0E-03	7.5E-09	1.6E-01	5.5E-02	6.5E-11	2.5E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10
3.1E+00	2.0E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-02	5.6E-11	2.4E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.3E-10
2.5E+00	2.0E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-02	4.4E-11	2.1E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10
1.9E+00	2.0E-06	1.0E-03	3.8E-09	1.6E-01	5.5E-02	3.3E-11	1.7E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.7E-11
1.3E+00	2.0E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-02	2.4E-11	1.3E+00	6.2E-06	1.0E-03	8.6E-09	1.6E-01	5.5E-02	7.4E-11
1.0E+00	2.0E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11	1.1E+00	6.2E-06	1.0E-03	6.8E-09	1.6E-01	5.5E-02	5.9E-11
8.5E-01	2.0E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.5E-11	8.7E-01	6.2E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-02	4.9E-11
6.8E-01	2.0E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11	7.0E-01	6.2E-06	1.0E-03	4.6E-09	1.6E-01	5.5E-02	3.9E-11
5.6E-01	2.0E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.9E-12	5.7E-01	6.2E-06	1.0E-03	3.7E-09	1.6E-01	5.5E-02	3.2E-11
5.1E-01	2.0E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	9.0E-12	4.1E-01	6.2E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-02	2.3E-11

6.4E-01	2.0E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11	5.0E-01	6.2E-06	1.0E-03	3.3E-09	1.6E-01	5.5E-02	2.8E-11
8.2E-01	2.0E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.4E-11	6.2E-01	6.2E-06	1.0E-03	4.0E-09	1.6E-01	5.5E-02	3.5E-11
1.1E+00	2.0E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11	8.0E-01	6.2E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-02	4.4E-11
1.5E+00	2.0E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-02	2.6E-11	1.0E+00	6.2E-06	1.0E-03	6.7E-09	1.6E-01	5.5E-02	5.7E-11
1.9E+00	2.0E-06	1.0E-03	3.9E-09	1.6E-01	5.5E-02	3.3E-11	1.3E+00	6.2E-06	1.0E-03	8.3E-09	1.6E-01	5.5E-02	7.2E-11
2.2E+00	2.0E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-02	3.9E-11	1.5E+00	6.2E-06	1.0E-03	9.9E-09	1.6E-01	5.5E-02	8.5E-11
2.3E+00	2.0E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-02	4.1E-11	1.7E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.3E-11
2.2E+00	2.0E-06	1.0E-03	4.4E-09	1.6E-01	5.5E-02	3.8E-11	1.7E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.4E-11
1.8E+00	2.0E-06	1.0E-03	3.8E-09	1.6E-01	5.5E-02	3.2E-11	1.6E+00	6.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.7E-11
1.5E+00	2.0E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-02	2.6E-11	1.4E+00	6.2E-06	1.0E-03	8.8E-09	1.6E-01	5.5E-02	7.6E-11
1.2E+00	2.0E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.1E-11	1.1E+00	6.2E-06	1.0E-03	7.4E-09	1.6E-01	5.5E-02	6.3E-11
9.0E-01	2.0E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-02	1.6E-11	9.0E-01	6.2E-06	1.0E-03	5.8E-09	1.6E-01	5.5E-02	5.0E-11
7.6E-01	2.0E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.3E-11	7.7E-01	6.2E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-02	4.3E-11
6.3E-01	2.0E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11	6.4E-01	6.2E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-02	3.6E-11
5.2E-01	2.0E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.1E-12	5.3E-01	6.2E-06	1.0E-03	3.4E-09	1.6E-01	5.5E-02	3.0E-11
4.4E-01	2.0E-06	1.0E-03	9.0E-10	1.6E-01	5.5E-02	7.8E-12	3.6E-01	6.2E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11
5.4E-01	2.0E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.5E-12	4.3E-01	6.2E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-02	2.4E-11
6.7E-01	2.0E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11	5.3E-01	6.2E-06	1.0E-03	3.4E-09	1.6E-01	5.5E-02	2.9E-11
8.6E-01	2.0E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.5E-11	6.5E-01	6.2E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-02	3.6E-11
1.1E+00	2.0E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11	8.0E-01	6.2E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-02	4.5E-11
1.3E+00	2.0E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-02	2.3E-11	9.6E-01	6.2E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-02	5.4E-11
1.5E+00	2.0E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-02	2.7E-11	1.1E+00	6.2E-06	1.0E-03	7.1E-09	1.6E-01	5.5E-02	6.2E-11
1.6E+00	2.0E-06	1.0E-03	3.3E-09	1.6E-01	5.5E-02	2.8E-11	1.2E+00	6.2E-06	1.0E-03	7.8E-09	1.6E-01	5.5E-02	6.7E-11
1.5E+00	2.0E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-02	2.7E-11	1.2E+00	6.2E-06	1.0E-03	7.9E-09	1.6E-01	5.5E-02	6.8E-11
1.4E+00	2.0E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-02	2.4E-11	1.2E+00	6.2E-06	1.0E-03	7.5E-09	1.6E-01	5.5E-02	6.5E-11
1.1E+00	2.0E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.0E-11	1.0E+00	6.2E-06	1.0E-03	6.6E-09	1.6E-01	5.5E-02	5.7E-11
9.7E-01	2.0E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-02	1.7E-11	9.0E-01	6.2E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-02	5.1E-11
8.0E-01	2.0E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.4E-11	7.8E-01	6.2E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-02	4.3E-11
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5.7E-01	2.0E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11	5.7E-01	6.2E-06	1.0E-03	3.7E-09	1.6E-01	5.5E-02	3.2E-11
4.8E-01	2.0E-06	1.0E-03	9.8E-10	1.6E-01	5.5E-02	8.5E-12	4.9E-01	6.2E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-02	2.7E-11
3.8E-01	2.0E-06	1.0E-03	7.9E-10	1.6E-01	5.5E-02	6.8E-12	3.2E-01	6.2E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11
4.6E-01	2.0E-06	1.0E-03	9.4E-10	1.6E-01	5.5E-02	8.1E-12	3.7E-01	6.2E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.1E-11
5.6E-01	2.0E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	9.9E-12	4.5E-01	6.2E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-02	2.5E-11
6.8E-01	2.0E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11	5.3E-01	6.2E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-02	3.0E-11
8.3E-01	2.0E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.5E-11	6.4E-01	6.2E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-02	3.6E-11
9.7E-01	2.0E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-02	1.7E-11	7.4E-01	6.2E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-02	4.1E-11
1.1E+00	2.0E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11	8.4E-01	6.2E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-02	4.7E-11
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1.1E+00	2.0E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11	8.9E-01	6.2E-06	1.0E-03	5.8E-09	1.6E-01	5.5E-02	5.0E-11
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7.2E-01	2.0E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11	6.8E-01	6.2E-06	1.0E-03	4.4E-09	1.6E-01	5.5E-02	3.8E-11
5.8E-01	2.0E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11	5.6E-01	6.2E-06	1.0E-03	3.6E-09	1.6E-01	5.5E-02	3.1E-11
4.9E-01	2.0E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	8.6E-12	4.9E-01	6.2E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-02	2.7E-11

4.4E-01	2.0E-06	1.0E-03	9.1E-10	1.6E-01	5.5E-02	7.8E-12	4.5E-01	6.2E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-02	2.5E-11
3.4E-01	2.0E-06	1.0E-03	6.9E-10	1.6E-01	5.5E-02	5.9E-12	2.8E-01	6.2E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.6E-11
4.0E-01	2.0E-06	1.0E-03	8.1E-10	1.6E-01	5.5E-02	7.0E-12	3.3E-01	6.2E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11
4.7E-01	2.0E-06	1.0E-03	9.6E-10	1.6E-01	5.5E-02	8.3E-12	3.8E-01	6.2E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-02	2.1E-11
5.6E-01	2.0E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.9E-12	4.5E-01	6.2E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-02	2.5E-11
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7.5E-01	2.0E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11	5.9E-01	6.2E-06	1.0E-03	3.8E-09	1.6E-01	5.5E-02	3.3E-11
8.3E-01	2.0E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.5E-11	6.6E-01	6.2E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-02	3.7E-11
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7.8E-01	2.0E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.4E-11	6.9E-01	6.2E-06	1.0E-03	4.4E-09	1.6E-01	5.5E-02	3.8E-11
7.1E-01	2.0E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11	6.4E-01	6.2E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-02	3.6E-11
6.2E-01	2.0E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11	5.8E-01	6.2E-06	1.0E-03	3.8E-09	1.6E-01	5.5E-02	3.3E-11
5.4E-01	2.0E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.6E-12	5.2E-01	6.2E-06	1.0E-03	3.4E-09	1.6E-01	5.5E-02	2.9E-11
4.4E-01	2.0E-06	1.0E-03	9.0E-10	1.6E-01	5.5E-02	7.8E-12	4.3E-01	6.2E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-02	2.4E-11
3.8E-01	2.0E-06	1.0E-03	7.8E-10	1.6E-01	5.5E-02	6.8E-12	3.8E-01	6.2E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-02	2.1E-11
2.9E-01	2.0E-06	1.0E-03	6.0E-10	1.6E-01	5.5E-02	5.2E-12	2.5E-01	6.2E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.4E-11
3.4E-01	2.0E-06	1.0E-03	7.0E-10	1.6E-01	5.5E-02	6.0E-12	2.9E-01	6.2E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-02	1.6E-11
4.0E-01	2.0E-06	1.0E-03	8.2E-10	1.6E-01	5.5E-02	7.0E-12	3.3E-01	6.2E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11
4.6E-01	2.0E-06	1.0E-03	9.5E-10	1.6E-01	5.5E-02	8.2E-12	3.8E-01	6.2E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-02	2.1E-11
5.3E-01	2.0E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.4E-12	4.3E-01	6.2E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-02	2.4E-11
6.0E-01	2.0E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.1E-11	4.9E-01	6.2E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-02	2.7E-11
6.5E-01	2.0E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.2E-11	5.3E-01	6.2E-06	1.0E-03	3.4E-09	1.6E-01	5.5E-02	3.0E-11
6.8E-01	2.0E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11	5.6E-01	6.2E-06	1.0E-03	3.7E-09	1.6E-01	5.5E-02	3.2E-11
6.9E-01	2.0E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11	5.8E-01	6.2E-06	1.0E-03	3.8E-09	1.6E-01	5.5E-02	3.2E-11
6.7E-01	2.0E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11	5.8E-01	6.2E-06	1.0E-03	3.8E-09	1.6E-01	5.5E-02	3.2E-11
6.4E-01	2.0E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11	5.6E-01	6.2E-06	1.0E-03	3.6E-09	1.6E-01	5.5E-02	3.1E-11
5.9E-01	2.0E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11	5.3E-01	6.2E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-02	3.0E-11
5.4E-01	2.0E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.5E-12	5.0E-01	6.2E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-02	2.8E-11
4.8E-01	2.0E-06	1.0E-03	9.9E-10	1.6E-01	5.5E-02	8.5E-12	4.5E-01	6.2E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-02	2.5E-11
4.2E-01	2.0E-06	1.0E-03	8.6E-10	1.6E-01	5.5E-02	7.4E-12	4.0E-01	6.2E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-02	2.3E-11
3.5E-01	2.0E-06	1.0E-03	7.1E-10	1.6E-01	5.5E-02	6.2E-12	3.4E-01	6.2E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11
2.6E-01	2.0E-06	1.0E-03	5.3E-10	1.6E-01	5.5E-02	4.6E-12	2.2E-01	6.2E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
3.0E-01	2.0E-06	1.0E-03	6.1E-10	1.6E-01	5.5E-02	5.2E-12	2.5E-01	6.2E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.4E-11
3.4E-01	2.0E-06	1.0E-03	7.0E-10	1.6E-01	5.5E-02	6.0E-12	2.9E-01	6.2E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-02	1.6E-11
3.9E-01	2.0E-06	1.0E-03	8.0E-10	1.6E-01	5.5E-02	6.9E-12	3.3E-01	6.2E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11
4.4E-01	2.0E-06	1.0E-03	9.0E-10	1.6E-01	5.5E-02	7.8E-12	3.7E-01	6.2E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.0E-11
4.9E-01	2.0E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	8.6E-12	4.0E-01	6.2E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-02	2.3E-11
5.3E-01	2.0E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.3E-12	4.4E-01	6.2E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-02	2.4E-11
5.5E-01	2.0E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.7E-12	4.6E-01	6.2E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-02	2.6E-11
5.6E-01	2.0E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.9E-12	4.8E-01	6.2E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-02	2.7E-11
5.5E-01	2.0E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.7E-12	4.8E-01	6.2E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-02	2.7E-11
5.3E-01	2.0E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.4E-12	4.7E-01	6.2E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-02	2.6E-11
5.0E-01	2.0E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	8.8E-12	4.5E-01	6.2E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-02	2.5E-11
4.6E-01	2.0E-06	1.0E-03	9.5E-10	1.6E-01	5.5E-02	8.2E-12	4.3E-01	6.2E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-02	2.4E-11

4.2E-01	2.0E-06	1.0E-03	8.7E-10	1.6E-01	5.5E-02	7.5E-12	4.0E-01	6.2E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-02	2.2E-11
3.8E-01	2.0E-06	1.0E-03	7.8E-10	1.6E-01	5.5E-02	6.7E-12	3.6E-01	6.2E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11
3.2E-01	2.0E-06	1.0E-03	6.6E-10	1.6E-01	5.5E-02	5.7E-12	3.1E-01	6.2E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-02	1.7E-11
1.2E+01	2.0E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	1.4E+01	6.2E-06	1.0E-03	9.2E-08	1.6E-01	5.5E-02	7.9E-10
1.4E+01	2.0E-06	1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.5E-10	1.8E+01	6.2E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09
1.6E+01	2.0E-06	1.0E-03	3.3E-08	1.6E-01	5.5E-02	2.9E-10	2.4E+01	6.2E-06	1.0E-03	1.6E-07	1.6E-01	5.5E-02	1.3E-09
1.9E+01	2.0E-06	1.0E-03	3.9E-08	1.6E-01	5.5E-02	3.3E-10	3.2E+01	6.2E-06	1.0E-03	2.1E-07	1.6E-01	5.5E-02	1.8E-09
2.1E+01	2.0E-06	1.0E-03	4.4E-08	1.6E-01	5.5E-02	3.8E-10	4.2E+01	6.2E-06	1.0E-03	2.8E-07	1.6E-01	5.5E-02	2.4E-09
2.3E+01	2.0E-06	1.0E-03	4.8E-08	1.6E-01	5.5E-02	4.2E-10	5.4E+01	6.2E-06	1.0E-03	3.5E-07	1.6E-01	5.5E-02	3.0E-09
2.5E+01	2.0E-06	1.0E-03	5.1E-08	1.6E-01	5.5E-02	4.4E-10	6.3E+01	6.2E-06	1.0E-03	4.1E-07	1.6E-01	5.5E-02	3.5E-09
2.4E+01	2.0E-06	1.0E-03	5.0E-08	1.6E-01	5.5E-02	4.3E-10	6.8E+01	6.2E-06	1.0E-03	4.4E-07	1.6E-01	5.5E-02	3.8E-09
2.3E+01	2.0E-06	1.0E-03	4.8E-08	1.6E-01	5.5E-02	4.1E-10	7.0E+01	6.2E-06	1.0E-03	4.5E-07	1.6E-01	5.5E-02	3.9E-09
2.2E+01	2.0E-06	1.0E-03	4.5E-08	1.6E-01	5.5E-02	3.9E-10	6.8E+01	6.2E-06	1.0E-03	4.4E-07	1.6E-01	5.5E-02	3.8E-09
2.0E+01	2.0E-06	1.0E-03	4.1E-08	1.6E-01	5.5E-02	3.5E-10	6.1E+01	6.2E-06	1.0E-03	3.9E-07	1.6E-01	5.5E-02	3.4E-09
1.8E+01	2.0E-06	1.0E-03	3.7E-08	1.6E-01	5.5E-02	3.2E-10	5.1E+01	6.2E-06	1.0E-03	3.3E-07	1.6E-01	5.5E-02	2.9E-09
1.7E+01	2.0E-06	1.0E-03	3.4E-08	1.6E-01	5.5E-02	2.9E-10	4.2E+01	6.2E-06	1.0E-03	2.7E-07	1.6E-01	5.5E-02	2.4E-09
1.5E+01	2.0E-06	1.0E-03	3.1E-08	1.6E-01	5.5E-02	2.6E-10	3.5E+01	6.2E-06	1.0E-03	2.2E-07	1.6E-01	5.5E-02	1.9E-09
1.3E+01	2.0E-06	1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.4E-10	2.9E+01	6.2E-06	1.0E-03	1.9E-07	1.6E-01	5.5E-02	1.6E-09
1.2E+01	2.0E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.2E-10	2.4E+01	6.2E-06	1.0E-03	1.5E-07	1.6E-01	5.5E-02	1.3E-09
1.1E+01	2.0E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-02	1.9E-10	2.0E+01	6.2E-06	1.0E-03	1.3E-07	1.6E-01	5.5E-02	1.1E-09
9.9E+00	2.0E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.8E-10	1.7E+01	6.2E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.5E-10
9.0E+00	2.0E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.6E-10	1.5E+01	6.2E-06	1.0E-03	9.5E-08	1.6E-01	5.5E-02	8.1E-10
8.1E+00	2.0E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.4E-10	1.3E+01	6.2E-06	1.0E-03	8.2E-08	1.6E-01	5.5E-02	7.0E-10
7.4E+00	2.0E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	1.1E+01	6.2E-06	1.0E-03	7.1E-08	1.6E-01	5.5E-02	6.1E-10
6.7E+00	2.0E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	9.6E+00	6.2E-06	1.0E-03	6.2E-08	1.6E-01	5.5E-02	5.3E-10
6.1E+00	2.0E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	8.5E+00	6.2E-06	1.0E-03	5.5E-08	1.6E-01	5.5E-02	4.7E-10
5.6E+00	2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	9.9E-11	7.5E+00	6.2E-06	1.0E-03	4.9E-08	1.6E-01	5.5E-02	4.2E-10
5.1E+00	2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.1E-11	6.7E+00	6.2E-06	1.0E-03	4.4E-08	1.6E-01	5.5E-02	3.7E-10
4.7E+00	2.0E-06	1.0E-03	9.7E-09	1.6E-01	5.5E-02	8.4E-11	6.0E+00	6.2E-06	1.0E-03	3.9E-08	1.6E-01	5.5E-02	3.4E-10
1.4E+01	2.0E-06	1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.5E-10	1.6E+01	6.2E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.0E-10
1.8E+01	2.0E-06	1.0E-03	3.6E-08	1.6E-01	5.5E-02	3.1E-10	2.2E+01	6.2E-06	1.0E-03	1.4E-07	1.6E-01	5.5E-02	1.2E-09
2.2E+01	2.0E-06	1.0E-03	4.4E-08	1.6E-01	5.5E-02	3.8E-10	3.0E+01	6.2E-06	1.0E-03	2.0E-07	1.6E-01	5.5E-02	1.7E-09
2.6E+01	2.0E-06	1.0E-03	5.4E-08	1.6E-01	5.5E-02	4.6E-10	4.3E+01	6.2E-06	1.0E-03	2.8E-07	1.6E-01	5.5E-02	2.4E-09
3.1E+01	2.0E-06	1.0E-03	6.3E-08	1.6E-01	5.5E-02	5.4E-10	1.5E+01	6.2E-06	1.0E-03	9.9E-08	1.6E-01	5.5E-02	8.5E-10
3.4E+01	2.0E-06	1.0E-03	7.0E-08	1.6E-01	5.5E-02	6.0E-10	2.2E+01	6.2E-06	1.0E-03	1.4E-07	1.6E-01	5.5E-02	1.2E-09
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3.3E+01	2.0E-06	1.0E-03	6.9E-08	1.6E-01	5.5E-02	5.9E-10	4.6E+01	6.2E-06	1.0E-03	3.0E-07	1.6E-01	5.5E-02	2.6E-09
3.0E+01	2.0E-06	1.0E-03	6.3E-08	1.6E-01	5.5E-02	5.4E-10	4.7E+01	6.2E-06	1.0E-03	3.1E-07	1.6E-01	5.5E-02	2.6E-09
2.7E+01	2.0E-06	1.0E-03	5.6E-08	1.6E-01	5.5E-02	4.8E-10	3.5E+01	6.2E-06	1.0E-03	2.3E-07	1.6E-01	5.5E-02	2.0E-09
2.4E+01	2.0E-06	1.0E-03	4.9E-08	1.6E-01	5.5E-02	4.3E-10	2.6E+01	6.2E-06	1.0E-03	1.7E-07	1.6E-01	5.5E-02	1.5E-09
2.1E+01	2.0E-06	1.0E-03	4.4E-08	1.6E-01	5.5E-02	3.8E-10	6.8E+01	6.2E-06	1.0E-03	4.4E-07	1.6E-01	5.5E-02	3.8E-09
1.9E+01	2.0E-06	1.0E-03	3.9E-08	1.6E-01	5.5E-02	3.3E-10	5.2E+01	6.2E-06	1.0E-03	3.4E-07	1.6E-01	5.5E-02	2.9E-09
1.7E+01	2.0E-06	1.0E-03	3.4E-08	1.6E-01	5.5E-02	2.9E-10	4.0E+01	6.2E-06	1.0E-03	2.6E-07	1.6E-01	5.5E-02	2.2E-09
1.5E+01	2.0E-06	1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.6E-10	3.2E+01	6.2E-06	1.0E-03	2.1E-07	1.6E-01	5.5E-02	1.8E-09
1.3E+01	2.0E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10	2.6E+01	6.2E-06	1.0E-03	1.7E-07	1.6E-01	5.5E-02	1.4E-09
1.2E+01	2.0E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	2.1E+01	6.2E-06	1.0E-03	1.4E-07	1.6E-01	5.5E-02	1.2E-09

1.0E+01	2.0E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	1.8E+01	6.2E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.9E-10
9.4E+00	2.0E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.7E-10	1.5E+01	6.2E-06	1.0E-03	9.7E-08	1.6E-01	5.5E-02	8.3E-10
8.4E+00	2.0E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10	1.3E+01	6.2E-06	1.0E-03	8.3E-08	1.6E-01	5.5E-02	7.1E-10
7.6E+00	2.0E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.3E-10	1.1E+01	6.2E-06	1.0E-03	7.1E-08	1.6E-01	5.5E-02	6.1E-10
6.9E+00	2.0E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	9.6E+00	6.2E-06	1.0E-03	6.2E-08	1.6E-01	5.5E-02	5.3E-10
6.2E+00	2.0E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	8.4E+00	6.2E-06	1.0E-03	5.5E-08	1.6E-01	5.5E-02	4.7E-10
5.7E+00	2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	7.4E+00	6.2E-06	1.0E-03	4.8E-08	1.6E-01	5.5E-02	4.2E-10
5.2E+00	2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.2E-11	6.6E+00	6.2E-06	1.0E-03	4.3E-08	1.6E-01	5.5E-02	3.7E-10
4.8E+00	2.0E-06	1.0E-03	9.8E-09	1.6E-01	5.5E-02	8.4E-11	5.9E+00	6.2E-06	1.0E-03	3.8E-08	1.6E-01	5.5E-02	3.3E-10
1.8E+01	2.0E-06	1.0E-03	3.6E-08	1.6E-01	5.5E-02	3.1E-10	1.8E+01	6.2E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09
2.3E+01	2.0E-06	1.0E-03	4.7E-08	1.6E-01	5.5E-02	4.0E-10	2.5E+01	6.2E-06	1.0E-03	1.6E-07	1.6E-01	5.5E-02	1.4E-09
2.9E+01	2.0E-06	1.0E-03	6.0E-08	1.6E-01	5.5E-02	5.2E-10	3.7E+01	6.2E-06	1.0E-03	2.4E-07	1.6E-01	5.5E-02	2.0E-09
3.8E+01	2.0E-06	1.0E-03	7.8E-08	1.6E-01	5.5E-02	6.7E-10	5.7E+01	6.2E-06	1.0E-03	3.7E-07	1.6E-01	5.5E-02	3.2E-09
4.8E+01	2.0E-06	1.0E-03	9.8E-08	1.6E-01	5.5E-02	8.4E-10	1.8E+01	6.2E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09
5.4E+01	2.0E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.5E-10	2.7E+01	6.2E-06	1.0E-03	1.8E-07	1.6E-01	5.5E-02	1.5E-09
5.3E+01	2.0E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.4E-10	4.4E+01	6.2E-06	1.0E-03	2.8E-07	1.6E-01	5.5E-02	2.4E-09
4.7E+01	2.0E-06	1.0E-03	9.6E-08	1.6E-01	5.5E-02	8.3E-10	0.0E+00	6.2E-06	1.0E-03	0.0E+00	1.6E-01	5.5E-02	0.0E+00
4.0E+01	2.0E-06	1.0E-03	8.2E-08	1.6E-01	5.5E-02	7.1E-10	0.0E+00	6.2E-06	1.0E-03	0.0E+00	1.6E-01	5.5E-02	0.0E+00
3.4E+01	2.0E-06	1.0E-03	6.9E-08	1.6E-01	5.5E-02	6.0E-10	4.3E+01	6.2E-06	1.0E-03	2.8E-07	1.6E-01	5.5E-02	2.4E-09
2.9E+01	2.0E-06	1.0E-03	5.9E-08	1.6E-01	5.5E-02	5.1E-10	3.0E+01	6.2E-06	1.0E-03	2.0E-07	1.6E-01	5.5E-02	1.7E-09
2.4E+01	2.0E-06	1.0E-03	5.0E-08	1.6E-01	5.5E-02	4.3E-10	2.2E+01	6.2E-06	1.0E-03	1.5E-07	1.6E-01	5.5E-02	1.3E-09
2.1E+01	2.0E-06	1.0E-03	4.3E-08	1.6E-01	5.5E-02	3.7E-10	6.1E+01	6.2E-06	1.0E-03	4.0E-07	1.6E-01	5.5E-02	3.4E-09
1.8E+01	2.0E-06	1.0E-03	3.8E-08	1.6E-01	5.5E-02	3.2E-10	4.4E+01	6.2E-06	1.0E-03	2.9E-07	1.6E-01	5.5E-02	2.5E-09
1.6E+01	2.0E-06	1.0E-03	3.3E-08	1.6E-01	5.5E-02	2.8E-10	3.4E+01	6.2E-06	1.0E-03	2.2E-07	1.6E-01	5.5E-02	1.9E-09
1.4E+01	2.0E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-02	2.5E-10	2.7E+01	6.2E-06	1.0E-03	1.7E-07	1.6E-01	5.5E-02	1.5E-09
1.2E+01	2.0E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.2E-10	2.2E+01	6.2E-06	1.0E-03	1.4E-07	1.6E-01	5.5E-02	1.2E-09
1.1E+01	2.0E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	1.8E+01	6.2E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09
9.7E+00	2.0E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	1.5E+01	6.2E-06	1.0E-03	9.7E-08	1.6E-01	5.5E-02	8.3E-10
8.7E+00	2.0E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.5E-10	1.3E+01	6.2E-06	1.0E-03	8.2E-08	1.6E-01	5.5E-02	7.1E-10
7.8E+00	2.0E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	1.1E+01	6.2E-06	1.0E-03	7.0E-08	1.6E-01	5.5E-02	6.1E-10
7.0E+00	2.0E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	9.4E+00	6.2E-06	1.0E-03	6.1E-08	1.6E-01	5.5E-02	5.3E-10
6.3E+00	2.0E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	8.2E+00	6.2E-06	1.0E-03	5.4E-08	1.6E-01	5.5E-02	4.6E-10
5.7E+00	2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	7.3E+00	6.2E-06	1.0E-03	4.7E-08	1.6E-01	5.5E-02	4.1E-10
5.2E+00	2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.2E-11	6.5E+00	6.2E-06	1.0E-03	4.2E-08	1.6E-01	5.5E-02	3.6E-10
4.8E+00	2.0E-06	1.0E-03	9.8E-09	1.6E-01	5.5E-02	8.4E-11	5.8E+00	6.2E-06	1.0E-03	3.8E-08	1.6E-01	5.5E-02	3.2E-10
2.1E+01	2.0E-06	1.0E-03	4.4E-08	1.6E-01	5.5E-02	3.8E-10	1.9E+01	6.2E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.1E-09
2.9E+01	2.0E-06	1.0E-03	5.9E-08	1.6E-01	5.5E-02	5.1E-10	2.7E+01	6.2E-06	1.0E-03	1.8E-07	1.6E-01	5.5E-02	1.5E-09
4.0E+01	2.0E-06	1.0E-03	8.2E-08	1.6E-01	5.5E-02	7.1E-10	4.1E+01	6.2E-06	1.0E-03	2.7E-07	1.6E-01	5.5E-02	2.3E-09
5.7E+01	2.0E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09	1.3E+01	6.2E-06	1.0E-03	8.5E-08	1.6E-01	5.5E-02	7.3E-10
2.2E+01	2.0E-06	1.0E-03	4.6E-08	1.6E-01	5.5E-02	4.0E-10	2.0E+01	6.2E-06	1.0E-03	1.3E-07	1.6E-01	5.5E-02	1.1E-09
2.5E+01	2.0E-06	1.0E-03	5.1E-08	1.6E-01	5.5E-02	4.4E-10	3.1E+01	6.2E-06	1.0E-03	2.0E-07	1.6E-01	5.5E-02	1.7E-09
2.6E+01	2.0E-06	1.0E-03	5.3E-08	1.6E-01	5.5E-02	4.6E-10	0.0E+00	6.2E-06	1.0E-03	0.0E+00	1.6E-01	5.5E-02	0.0E+00
6.8E+01	2.0E-06	1.0E-03	1.4E-07	1.6E-01	5.5E-02	1.2E-09	0.0E+00	6.2E-06	1.0E-03	0.0E+00	1.6E-01	5.5E-02	0.0E+00
5.2E+01	2.0E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.2E-10	0.0E+00	6.2E-06	1.0E-03	0.0E+00	1.6E-01	5.5E-02	0.0E+00
4.1E+01	2.0E-06	1.0E-03	8.4E-08	1.6E-01	5.5E-02	7.2E-10	5.0E+01	6.2E-06	1.0E-03	3.2E-07	1.6E-01	5.5E-02	2.8E-09
3.3E+01	2.0E-06	1.0E-03	6.8E-08	1.6E-01	5.5E-02	5.9E-10	3.2E+01	6.2E-06	1.0E-03	2.1E-07	1.6E-01	5.5E-02	1.8E-09

2.8E+01	2.0E-06	1.0E-03	5.7E-08	1.6E-01	5.5E-02	4.9E-10	2.3E+01	6.2E-06	1.0E-03	1.5E-07	1.6E-01	5.5E-02	1.3E-09
2.3E+01	2.0E-06	1.0E-03	4.8E-08	1.6E-01	5.5E-02	4.1E-10	6.8E+01	6.2E-06	1.0E-03	4.4E-07	1.6E-01	5.5E-02	3.8E-09
2.0E+01	2.0E-06	1.0E-03	4.1E-08	1.6E-01	5.5E-02	3.5E-10	4.6E+01	6.2E-06	1.0E-03	3.0E-07	1.6E-01	5.5E-02	2.6E-09
1.7E+01	2.0E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-02	3.0E-10	3.4E+01	6.2E-06	1.0E-03	2.2E-07	1.6E-01	5.5E-02	1.9E-09
1.5E+01	2.0E-06	1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.6E-10	2.7E+01	6.2E-06	1.0E-03	1.7E-07	1.6E-01	5.5E-02	1.5E-09
1.3E+01	2.0E-06	1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.3E-10	2.1E+01	6.2E-06	1.0E-03	1.4E-07	1.6E-01	5.5E-02	1.2E-09
1.1E+01	2.0E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	1.8E+01	6.2E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.8E-10
9.9E+00	2.0E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.8E-10	1.5E+01	6.2E-06	1.0E-03	9.5E-08	1.6E-01	5.5E-02	8.2E-10
8.8E+00	2.0E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.6E-10	1.2E+01	6.2E-06	1.0E-03	8.0E-08	1.6E-01	5.5E-02	6.9E-10
7.8E+00	2.0E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	1.1E+01	6.2E-06	1.0E-03	6.9E-08	1.6E-01	5.5E-02	5.9E-10
7.0E+00	2.0E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	9.2E+00	6.2E-06	1.0E-03	5.9E-08	1.6E-01	5.5E-02	5.1E-10
6.3E+00	2.0E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	8.0E+00	6.2E-06	1.0E-03	5.2E-08	1.6E-01	5.5E-02	4.5E-10
5.7E+00	2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	7.0E+00	6.2E-06	1.0E-03	4.6E-08	1.6E-01	5.5E-02	3.9E-10
5.2E+00	2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.2E-11	6.3E+00	6.2E-06	1.0E-03	4.1E-08	1.6E-01	5.5E-02	3.5E-10
4.7E+00	2.0E-06	1.0E-03	9.7E-09	1.6E-01	5.5E-02	8.3E-11	5.6E+00	6.2E-06	1.0E-03	3.6E-08	1.6E-01	5.5E-02	3.1E-10
2.5E+01	2.0E-06	1.0E-03	5.2E-08	1.6E-01	5.5E-02	4.4E-10	1.9E+01	6.2E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.1E-09
3.6E+01	2.0E-06	1.0E-03	7.3E-08	1.6E-01	5.5E-02	6.3E-10	2.7E+01	6.2E-06	1.0E-03	1.8E-07	1.6E-01	5.5E-02	1.5E-09
5.3E+01	2.0E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.4E-10	4.2E+01	6.2E-06	1.0E-03	2.7E-07	1.6E-01	5.5E-02	2.3E-09
2.8E+01	2.0E-06	1.0E-03	5.7E-08	1.6E-01	5.5E-02	4.9E-10	1.3E+01	6.2E-06	1.0E-03	8.6E-08	1.6E-01	5.5E-02	7.4E-10
3.4E+01	2.0E-06	1.0E-03	7.0E-08	1.6E-01	5.5E-02	6.0E-10	2.0E+01	6.2E-06	1.0E-03	1.3E-07	1.6E-01	5.5E-02	1.1E-09
1.3E+01	2.0E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10	2.1E+01	6.2E-06	1.0E-03	1.3E-07	1.6E-01	5.5E-02	1.1E-09
1.1E+01	2.0E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.0E-10	1.7E+01	6.2E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.4E-10
1.0E+01	2.0E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	1.4E+01	6.2E-06	1.0E-03	9.1E-08	1.6E-01	5.5E-02	7.8E-10
8.8E+00	2.0E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.6E-10	1.2E+01	6.2E-06	1.0E-03	7.7E-08	1.6E-01	5.5E-02	6.6E-10
7.8E+00	2.0E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	1.0E+01	6.2E-06	1.0E-03	6.6E-08	1.6E-01	5.5E-02	5.7E-10
7.0E+00	2.0E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	8.8E+00	6.2E-06	1.0E-03	5.7E-08	1.6E-01	5.5E-02	4.9E-10
6.3E+00	2.0E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	7.7E+00	6.2E-06	1.0E-03	5.0E-08	1.6E-01	5.5E-02	4.3E-10
5.6E+00	2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	6.8E+00	6.2E-06	1.0E-03	4.4E-08	1.6E-01	5.5E-02	3.8E-10
5.1E+00	2.0E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	9.0E-11	6.0E+00	6.2E-06	1.0E-03	3.9E-08	1.6E-01	5.5E-02	3.4E-10
4.6E+00	2.0E-06	1.0E-03	9.5E-09	1.6E-01	5.5E-02	8.2E-11	5.4E+00	6.2E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-02	3.0E-10
2.9E+01	2.0E-06	1.0E-03	5.9E-08	1.6E-01	5.5E-02	5.0E-10	1.8E+01	6.2E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09
4.2E+01	2.0E-06	1.0E-03	8.5E-08	1.6E-01	5.5E-02	7.3E-10	2.6E+01	6.2E-06	1.0E-03	1.7E-07	1.6E-01	5.5E-02	1.4E-09
6.4E+01	2.0E-06	1.0E-03	1.3E-07	1.6E-01	5.5E-02	1.1E-09	3.8E+01	6.2E-06	1.0E-03	2.4E-07	1.6E-01	5.5E-02	2.1E-09
4.2E+01	2.0E-06	1.0E-03	8.7E-08	1.6E-01	5.5E-02	7.5E-10	1.2E+01	6.2E-06	1.0E-03	8.1E-08	1.6E-01	5.5E-02	7.0E-10
5.7E+01	2.0E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09	1.8E+01	6.2E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09
1.3E+01	2.0E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10	1.9E+01	6.2E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.1E-09
1.1E+01	2.0E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.0E-10	1.6E+01	6.2E-06	1.0E-03	1.0E-07	1.6E-01	5.5E-02	8.8E-10
1.0E+01	2.0E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.8E-10	1.3E+01	6.2E-06	1.0E-03	8.5E-08	1.6E-01	5.5E-02	7.4E-10
8.8E+00	2.0E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.5E-10	1.1E+01	6.2E-06	1.0E-03	7.2E-08	1.6E-01	5.5E-02	6.2E-10
7.7E+00	2.0E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	9.6E+00	6.2E-06	1.0E-03	6.2E-08	1.6E-01	5.5E-02	5.4E-10
6.9E+00	2.0E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	8.3E+00	6.2E-06	1.0E-03	5.4E-08	1.6E-01	5.5E-02	4.6E-10
6.1E+00	2.0E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	7.3E+00	6.2E-06	1.0E-03	4.7E-08	1.6E-01	5.5E-02	4.1E-10
5.5E+00	2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.8E-11	6.4E+00	6.2E-06	1.0E-03	4.2E-08	1.6E-01	5.5E-02	3.6E-10
5.0E+00	2.0E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.8E-11	5.7E+00	6.2E-06	1.0E-03	3.7E-08	1.6E-01	5.5E-02	3.2E-10
4.5E+00	2.0E-06	1.0E-03	9.3E-09	1.6E-01	5.5E-02	8.0E-11	5.1E+00	6.2E-06	1.0E-03	3.3E-08	1.6E-01	5.5E-02	2.9E-10
3.1E+01	2.0E-06	1.0E-03	6.4E-08	1.6E-01	5.5E-02	5.5E-10	1.6E+01	6.2E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.2E-10

4.5E+01	2.0E-06	1.0E-03	9.3E-08	1.6E-01	5.5E-02	8.0E-10	2.2E+01	6.2E-06	1.0E-03	1.4E-07	1.6E-01	5.5E-02	1.2E-09
7.1E+01	2.0E-06	1.0E-03	1.5E-07	1.6E-01	5.5E-02	1.3E-09	3.1E+01	6.2E-06	1.0E-03	2.0E-07	1.6E-01	5.5E-02	1.7E-09
1.7E+01	2.0E-06	1.0E-03	3.4E-08	1.6E-01	5.5E-02	2.9E-10	4.5E+01	6.2E-06	1.0E-03	2.9E-07	1.6E-01	5.5E-02	2.5E-09
2.0E+01	2.0E-06	1.0E-03	4.2E-08	1.6E-01	5.5E-02	3.6E-10	1.5E+01	6.2E-06	1.0E-03	9.9E-08	1.6E-01	5.5E-02	8.6E-10
1.3E+01	2.0E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10	1.7E+01	6.2E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.7E-10
1.1E+01	2.0E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	1.4E+01	6.2E-06	1.0E-03	9.3E-08	1.6E-01	5.5E-02	8.0E-10
9.8E+00	2.0E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	1.2E+01	6.2E-06	1.0E-03	7.9E-08	1.6E-01	5.5E-02	6.8E-10
8.6E+00	2.0E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.5E-10	1.0E+01	6.2E-06	1.0E-03	6.7E-08	1.6E-01	5.5E-02	5.8E-10
7.6E+00	2.0E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.3E-10	9.0E+00	6.2E-06	1.0E-03	5.8E-08	1.6E-01	5.5E-02	5.0E-10
6.7E+00	2.0E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	7.8E+00	6.2E-06	1.0E-03	5.1E-08	1.6E-01	5.5E-02	4.4E-10
6.0E+00	2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.1E-10	6.9E+00	6.2E-06	1.0E-03	4.5E-08	1.6E-01	5.5E-02	3.8E-10
5.4E+00	2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.5E-11	6.1E+00	6.2E-06	1.0E-03	3.9E-08	1.6E-01	5.5E-02	3.4E-10
4.9E+00	2.0E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.6E-11	5.4E+00	6.2E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-02	3.0E-10
4.4E+00	2.0E-06	1.0E-03	9.1E-09	1.6E-01	5.5E-02	7.8E-11	4.9E+00	6.2E-06	1.0E-03	3.1E-08	1.6E-01	5.5E-02	2.7E-10
3.2E+01	2.0E-06	1.0E-03	6.6E-08	1.6E-01	5.5E-02	5.7E-10	1.5E+01	6.2E-06	1.0E-03	9.4E-08	1.6E-01	5.5E-02	8.1E-10
4.7E+01	2.0E-06	1.0E-03	9.7E-08	1.6E-01	5.5E-02	8.4E-10	1.9E+01	6.2E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09
7.5E+01	2.0E-06	1.0E-03	1.5E-07	1.6E-01	5.5E-02	1.3E-09	2.5E+01	6.2E-06	1.0E-03	1.6E-07	1.6E-01	5.5E-02	1.4E-09
6.2E+01	2.0E-06	1.0E-03	1.3E-07	1.6E-01	5.5E-02	1.1E-09	3.3E+01	6.2E-06	1.0E-03	2.1E-07	1.6E-01	5.5E-02	1.8E-09
3.4E+01	2.0E-06	1.0E-03	6.9E-08	1.6E-01	5.5E-02	6.0E-10	4.4E+01	6.2E-06	1.0E-03	2.8E-07	1.6E-01	5.5E-02	2.4E-09
1.3E+01	2.0E-06	1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.3E-10	1.5E+01	6.2E-06	1.0E-03	9.9E-08	1.6E-01	5.5E-02	8.6E-10
1.1E+01	2.0E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-02	1.9E-10	1.3E+01	6.2E-06	1.0E-03	8.4E-08	1.6E-01	5.5E-02	7.3E-10
9.5E+00	2.0E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	1.1E+01	6.2E-06	1.0E-03	7.2E-08	1.6E-01	5.5E-02	6.2E-10
8.3E+00	2.0E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10	9.6E+00	6.2E-06	1.0E-03	6.2E-08	1.6E-01	5.5E-02	5.3E-10
7.3E+00	2.0E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	8.3E+00	6.2E-06	1.0E-03	5.4E-08	1.6E-01	5.5E-02	4.6E-10
6.5E+00	2.0E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.2E-10	7.3E+00	6.2E-06	1.0E-03	4.7E-08	1.6E-01	5.5E-02	4.1E-10
5.8E+00	2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	6.4E+00	6.2E-06	1.0E-03	4.2E-08	1.6E-01	5.5E-02	3.6E-10
5.2E+00	2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.2E-11	5.7E+00	6.2E-06	1.0E-03	3.7E-08	1.6E-01	5.5E-02	3.2E-10
4.7E+00	2.0E-06	1.0E-03	9.6E-09	1.6E-01	5.5E-02	8.3E-11	5.1E+00	6.2E-06	1.0E-03	3.3E-08	1.6E-01	5.5E-02	2.8E-10
4.3E+00	2.0E-06	1.0E-03	8.7E-09	1.6E-01	5.5E-02	7.5E-11	4.6E+00	6.2E-06	1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.6E-10
3.2E+01	2.0E-06	1.0E-03	6.6E-08	1.6E-01	5.5E-02	5.6E-10	1.3E+01	6.2E-06	1.0E-03	8.1E-08	1.6E-01	5.5E-02	7.0E-10
4.7E+01	2.0E-06	1.0E-03	9.7E-08	1.6E-01	5.5E-02	8.3E-10	1.6E+01	6.2E-06	1.0E-03	1.0E-07	1.6E-01	5.5E-02	8.7E-10
7.4E+01	2.0E-06	1.0E-03	1.5E-07	1.6E-01	5.5E-02	1.3E-09	2.0E+01	6.2E-06	1.0E-03	1.3E-07	1.6E-01	5.5E-02	1.1E-09
6.2E+01	2.0E-06	1.0E-03	1.3E-07	1.6E-01	5.5E-02	1.1E-09	2.4E+01	6.2E-06	1.0E-03	1.6E-07	1.6E-01	5.5E-02	1.4E-09
3.0E+01	2.0E-06	1.0E-03	6.1E-08	1.6E-01	5.5E-02	5.3E-10	3.0E+01	6.2E-06	1.0E-03	2.0E-07	1.6E-01	5.5E-02	1.7E-09
1.2E+01	2.0E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.2E-10	1.3E+01	6.2E-06	1.0E-03	8.7E-08	1.6E-01	5.5E-02	7.5E-10
1.1E+01	2.0E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	1.2E+01	6.2E-06	1.0E-03	7.5E-08	1.6E-01	5.5E-02	6.5E-10
9.1E+00	2.0E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.6E-10	1.0E+01	6.2E-06	1.0E-03	6.5E-08	1.6E-01	5.5E-02	5.6E-10
8.0E+00	2.0E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	8.7E+00	6.2E-06	1.0E-03	5.7E-08	1.6E-01	5.5E-02	4.9E-10
7.0E+00	2.0E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	7.7E+00	6.2E-06	1.0E-03	5.0E-08	1.6E-01	5.5E-02	4.3E-10
6.2E+00	2.0E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	6.8E+00	6.2E-06	1.0E-03	4.4E-08	1.6E-01	5.5E-02	3.8E-10
5.6E+00	2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.9E-11	6.0E+00	6.2E-06	1.0E-03	3.9E-08	1.6E-01	5.5E-02	3.4E-10
5.0E+00	2.0E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.9E-11	5.3E+00	6.2E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-02	3.0E-10
4.5E+00	2.0E-06	1.0E-03	9.3E-09	1.6E-01	5.5E-02	8.0E-11	4.8E+00	6.2E-06	1.0E-03	3.1E-08	1.6E-01	5.5E-02	2.7E-10
4.1E+00	2.0E-06	1.0E-03	8.4E-09	1.6E-01	5.5E-02	7.2E-11	4.3E+00	6.2E-06	1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.4E-10
3.0E+01	2.0E-06	1.0E-03	6.2E-08	1.6E-01	5.5E-02	5.4E-10	1.1E+01	6.2E-06	1.0E-03	6.9E-08	1.6E-01	5.5E-02	6.0E-10
4.5E+01	2.0E-06	1.0E-03	9.2E-08	1.6E-01	5.5E-02	7.9E-10	1.3E+01	6.2E-06	1.0E-03	8.4E-08	1.6E-01	5.5E-02	7.2E-10

7.0E+01	2.0E-06	1.0E-03	1.4E-07	1.6E-01	5.5E-02	1.2E-09	1.6E+01	6.2E-06	1.0E-03	1.0E-07	1.6E-01	5.5E-02	8.8E-10
1.5E+01	2.0E-06	1.0E-03	3.1E-08	1.6E-01	5.5E-02	2.7E-10	1.9E+01	6.2E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.1E-09
1.8E+01	2.0E-06	1.0E-03	3.6E-08	1.6E-01	5.5E-02	3.1E-10	2.2E+01	6.2E-06	1.0E-03	1.5E-07	1.6E-01	5.5E-02	1.3E-09
1.2E+01	2.0E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.0E-10	1.2E+01	6.2E-06	1.0E-03	7.6E-08	1.6E-01	5.5E-02	6.6E-10
1.0E+01	2.0E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	1.0E+01	6.2E-06	1.0E-03	6.7E-08	1.6E-01	5.5E-02	5.8E-10
8.7E+00	2.0E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.5E-10	9.0E+00	6.2E-06	1.0E-03	5.9E-08	1.6E-01	5.5E-02	5.0E-10
7.6E+00	2.0E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.3E-10	7.9E+00	6.2E-06	1.0E-03	5.2E-08	1.6E-01	5.5E-02	4.4E-10
6.7E+00	2.0E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	7.0E+00	6.2E-06	1.0E-03	4.6E-08	1.6E-01	5.5E-02	3.9E-10
6.0E+00	2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.1E-10	6.2E+00	6.2E-06	1.0E-03	4.1E-08	1.6E-01	5.5E-02	3.5E-10
5.3E+00	2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.4E-11	5.6E+00	6.2E-06	1.0E-03	3.6E-08	1.6E-01	5.5E-02	3.1E-10
4.8E+00	2.0E-06	1.0E-03	9.9E-09	1.6E-01	5.5E-02	8.5E-11	5.0E+00	6.2E-06	1.0E-03	3.3E-08	1.6E-01	5.5E-02	2.8E-10
4.3E+00	2.0E-06	1.0E-03	8.9E-09	1.6E-01	5.5E-02	7.6E-11	4.5E+00	6.2E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-02	2.5E-10
3.9E+00	2.0E-06	1.0E-03	8.1E-09	1.6E-01	5.5E-02	6.9E-11	4.1E+00	6.2E-06	1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.3E-10
2.8E+01	2.0E-06	1.0E-03	5.7E-08	1.6E-01	5.5E-02	4.9E-10	9.1E+00	6.2E-06	1.0E-03	5.9E-08	1.6E-01	5.5E-02	5.1E-10
4.0E+01	2.0E-06	1.0E-03	8.2E-08	1.6E-01	5.5E-02	7.0E-10	1.1E+01	6.2E-06	1.0E-03	6.9E-08	1.6E-01	5.5E-02	6.0E-10
6.1E+01	2.0E-06	1.0E-03	1.3E-07	1.6E-01	5.5E-02	1.1E-09	1.3E+01	6.2E-06	1.0E-03	8.2E-08	1.6E-01	5.5E-02	7.0E-10
3.9E+01	2.0E-06	1.0E-03	8.0E-08	1.6E-01	5.5E-02	6.9E-10	1.5E+01	6.2E-06	1.0E-03	9.6E-08	1.6E-01	5.5E-02	8.3E-10
5.0E+01	2.0E-06	1.0E-03	1.0E-07	1.6E-01	5.5E-02	8.9E-10	1.7E+01	6.2E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.7E-10
1.1E+01	2.0E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	1.0E+01	6.2E-06	1.0E-03	6.7E-08	1.6E-01	5.5E-02	5.8E-10
9.3E+00	2.0E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.7E-10	9.1E+00	6.2E-06	1.0E-03	5.9E-08	1.6E-01	5.5E-02	5.1E-10
8.2E+00	2.0E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.4E-10	8.1E+00	6.2E-06	1.0E-03	5.3E-08	1.6E-01	5.5E-02	4.5E-10
7.2E+00	2.0E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	7.2E+00	6.2E-06	1.0E-03	4.7E-08	1.6E-01	5.5E-02	4.0E-10
6.3E+00	2.0E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	6.4E+00	6.2E-06	1.0E-03	4.2E-08	1.6E-01	5.5E-02	3.6E-10
5.7E+00	2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	5.8E+00	6.2E-06	1.0E-03	3.7E-08	1.6E-01	5.5E-02	3.2E-10
5.1E+00	2.0E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	9.0E-11	5.2E+00	6.2E-06	1.0E-03	3.4E-08	1.6E-01	5.5E-02	2.9E-10
4.6E+00	2.0E-06	1.0E-03	9.4E-09	1.6E-01	5.5E-02	8.1E-11	4.7E+00	6.2E-06	1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.6E-10
4.1E+00	2.0E-06	1.0E-03	8.5E-09	1.6E-01	5.5E-02	7.3E-11	4.2E+00	6.2E-06	1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.4E-10
3.7E+00	2.0E-06	1.0E-03	7.7E-09	1.6E-01	5.5E-02	6.6E-11	3.9E+00	6.2E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.2E-10
2.4E+01	2.0E-06	1.0E-03	4.9E-08	1.6E-01	5.5E-02	4.2E-10	7.8E+00	6.2E-06	1.0E-03	5.0E-08	1.6E-01	5.5E-02	4.3E-10
3.4E+01	2.0E-06	1.0E-03	6.9E-08	1.6E-01	5.5E-02	6.0E-10	9.0E+00	6.2E-06	1.0E-03	5.8E-08	1.6E-01	5.5E-02	5.0E-10
5.0E+01	2.0E-06	1.0E-03	1.0E-07	1.6E-01	5.5E-02	8.8E-10	1.0E+01	6.2E-06	1.0E-03	6.7E-08	1.6E-01	5.5E-02	5.8E-10
2.6E+01	2.0E-06	1.0E-03	5.3E-08	1.6E-01	5.5E-02	4.6E-10	1.2E+01	6.2E-06	1.0E-03	7.8E-08	1.6E-01	5.5E-02	6.7E-10
3.1E+01	2.0E-06	1.0E-03	6.3E-08	1.6E-01	5.5E-02	5.4E-10	1.4E+01	6.2E-06	1.0E-03	8.9E-08	1.6E-01	5.5E-02	7.7E-10
9.9E+00	2.0E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.8E-10	9.1E+00	6.2E-06	1.0E-03	5.9E-08	1.6E-01	5.5E-02	5.1E-10
8.7E+00	2.0E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.5E-10	8.1E+00	6.2E-06	1.0E-03	5.3E-08	1.6E-01	5.5E-02	4.6E-10
7.6E+00	2.0E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.3E-10	7.3E+00	6.2E-06	1.0E-03	4.7E-08	1.6E-01	5.5E-02	4.1E-10
6.7E+00	2.0E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	6.6E+00	6.2E-06	1.0E-03	4.3E-08	1.6E-01	5.5E-02	3.7E-10
6.0E+00	2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.1E-10	5.9E+00	6.2E-06	1.0E-03	3.8E-08	1.6E-01	5.5E-02	3.3E-10
5.3E+00	2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.5E-11	5.3E+00	6.2E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-02	3.0E-10
4.8E+00	2.0E-06	1.0E-03	9.9E-09	1.6E-01	5.5E-02	8.5E-11	4.8E+00	6.2E-06	1.0E-03	3.1E-08	1.6E-01	5.5E-02	2.7E-10
4.3E+00	2.0E-06	1.0E-03	8.9E-09	1.6E-01	5.5E-02	7.7E-11	4.4E+00	6.2E-06	1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.5E-10
3.9E+00	2.0E-06	1.0E-03	8.1E-09	1.6E-01	5.5E-02	7.0E-11	4.0E+00	6.2E-06	1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.2E-10
3.6E+00	2.0E-06	1.0E-03	7.4E-09	1.6E-01	5.5E-02	6.3E-11	3.6E+00	6.2E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.0E-10
2.0E+01	2.0E-06	1.0E-03	4.2E-08	1.6E-01	5.5E-02	3.6E-10	6.7E+00	6.2E-06	1.0E-03	4.4E-08	1.6E-01	5.5E-02	3.8E-10
2.7E+01	2.0E-06	1.0E-03	5.6E-08	1.6E-01	5.5E-02	4.8E-10	7.7E+00	6.2E-06	1.0E-03	5.0E-08	1.6E-01	5.5E-02	4.3E-10
3.8E+01	2.0E-06	1.0E-03	7.8E-08	1.6E-01	5.5E-02	6.7E-10	8.8E+00	6.2E-06	1.0E-03	5.7E-08	1.6E-01	5.5E-02	4.9E-10

5.3E+01	2.0E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.4E-10	1.0E+01	6.2E-06	1.0E-03	6.5E-08	1.6E-01	5.5E-02	5.6E-10
2.0E+01	2.0E-06	1.0E-03	4.2E-08	1.6E-01	5.5E-02	3.6E-10	1.1E+01	6.2E-06	1.0E-03	7.2E-08	1.6E-01	5.5E-02	6.2E-10
9.1E+00	2.0E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.6E-10	8.0E+00	6.2E-06	1.0E-03	5.2E-08	1.6E-01	5.5E-02	4.5E-10
8.0E+00	2.0E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	7.3E+00	6.2E-06	1.0E-03	4.7E-08	1.6E-01	5.5E-02	4.1E-10
7.1E+00	2.0E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.2E-10	6.6E+00	6.2E-06	1.0E-03	4.3E-08	1.6E-01	5.5E-02	3.7E-10
6.3E+00	2.0E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	6.0E+00	6.2E-06	1.0E-03	3.9E-08	1.6E-01	5.5E-02	3.3E-10
5.6E+00	2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	9.9E-11	5.4E+00	6.2E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-02	3.0E-10
5.0E+00	2.0E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.9E-11	4.9E+00	6.2E-06	1.0E-03	3.2E-08	1.6E-01	5.5E-02	2.8E-10
4.5E+00	2.0E-06	1.0E-03	9.3E-09	1.6E-01	5.5E-02	8.0E-11	4.5E+00	6.2E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-02	2.5E-10
4.1E+00	2.0E-06	1.0E-03	8.4E-09	1.6E-01	5.5E-02	7.3E-11	4.1E+00	6.2E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10
3.7E+00	2.0E-06	1.0E-03	7.7E-09	1.6E-01	5.5E-02	6.6E-11	3.8E+00	6.2E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10
3.4E+00	2.0E-06	1.0E-03	7.0E-09	1.6E-01	5.5E-02	6.0E-11	3.4E+00	6.2E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10
1.7E+01	2.0E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-02	3.0E-10	5.9E+00	6.2E-06	1.0E-03	3.8E-08	1.6E-01	5.5E-02	3.3E-10
2.2E+01	2.0E-06	1.0E-03	4.4E-08	1.6E-01	5.5E-02	3.8E-10	6.6E+00	6.2E-06	1.0E-03	4.3E-08	1.6E-01	5.5E-02	3.7E-10
2.8E+01	2.0E-06	1.0E-03	5.7E-08	1.6E-01	5.5E-02	4.9E-10	7.4E+00	6.2E-06	1.0E-03	4.8E-08	1.6E-01	5.5E-02	4.1E-10
3.6E+01	2.0E-06	1.0E-03	7.3E-08	1.6E-01	5.5E-02	6.3E-10	8.3E+00	6.2E-06	1.0E-03	5.4E-08	1.6E-01	5.5E-02	4.6E-10
4.3E+01	2.0E-06	1.0E-03	8.7E-08	1.6E-01	5.5E-02	7.5E-10	9.2E+00	6.2E-06	1.0E-03	6.0E-08	1.6E-01	5.5E-02	5.1E-10
8.3E+00	2.0E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10	7.1E+00	6.2E-06	1.0E-03	4.6E-08	1.6E-01	5.5E-02	4.0E-10
7.4E+00	2.0E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	6.6E+00	6.2E-06	1.0E-03	4.3E-08	1.6E-01	5.5E-02	3.7E-10
6.5E+00	2.0E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.2E-10	6.0E+00	6.2E-06	1.0E-03	3.9E-08	1.6E-01	5.5E-02	3.3E-10
5.8E+00	2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	5.5E+00	6.2E-06	1.0E-03	3.6E-08	1.6E-01	5.5E-02	3.1E-10
5.2E+00	2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.3E-11	5.0E+00	6.2E-06	1.0E-03	3.2E-08	1.6E-01	5.5E-02	2.8E-10
4.7E+00	2.0E-06	1.0E-03	9.7E-09	1.6E-01	5.5E-02	8.4E-11	4.6E+00	6.2E-06	1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.6E-10
4.3E+00	2.0E-06	1.0E-03	8.8E-09	1.6E-01	5.5E-02	7.6E-11	4.2E+00	6.2E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10
3.9E+00	2.0E-06	1.0E-03	8.0E-09	1.6E-01	5.5E-02	6.9E-11	3.8E+00	6.2E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.1E-10
3.5E+00	2.0E-06	1.0E-03	7.3E-09	1.6E-01	5.5E-02	6.3E-11	3.5E+00	6.2E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10
3.2E+00	2.0E-06	1.0E-03	6.6E-09	1.6E-01	5.5E-02	5.7E-11	3.2E+00	6.2E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10
1.4E+01	2.0E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-02	2.5E-10	5.2E+00	6.2E-06	1.0E-03	3.4E-08	1.6E-01	5.5E-02	2.9E-10
1.7E+01	2.0E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-02	3.0E-10	5.8E+00	6.2E-06	1.0E-03	3.7E-08	1.6E-01	5.5E-02	3.2E-10
2.1E+01	2.0E-06	1.0E-03	4.3E-08	1.6E-01	5.5E-02	3.7E-10	6.4E+00	6.2E-06	1.0E-03	4.2E-08	1.6E-01	5.5E-02	3.6E-10
2.5E+01	2.0E-06	1.0E-03	5.1E-08	1.6E-01	5.5E-02	4.4E-10	7.1E+00	6.2E-06	1.0E-03	4.6E-08	1.6E-01	5.5E-02	4.0E-10
2.8E+01	2.0E-06	1.0E-03	5.8E-08	1.6E-01	5.5E-02	5.0E-10	7.8E+00	6.2E-06	1.0E-03	5.0E-08	1.6E-01	5.5E-02	4.3E-10
7.6E+00	2.0E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.3E-10	6.4E+00	6.2E-06	1.0E-03	4.1E-08	1.6E-01	5.5E-02	3.6E-10
6.8E+00	2.0E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	5.9E+00	6.2E-06	1.0E-03	3.8E-08	1.6E-01	5.5E-02	3.3E-10
6.0E+00	2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.1E-10	5.4E+00	6.2E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-02	3.0E-10
5.4E+00	2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.5E-11	5.0E+00	6.2E-06	1.0E-03	3.2E-08	1.6E-01	5.5E-02	2.8E-10
4.9E+00	2.0E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.6E-11	4.6E+00	6.2E-06	1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.6E-10
4.4E+00	2.0E-06	1.0E-03	9.0E-09	1.6E-01	5.5E-02	7.8E-11	4.2E+00	6.2E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.4E-10
4.0E+00	2.0E-06	1.0E-03	8.2E-09	1.6E-01	5.5E-02	7.1E-11	3.9E+00	6.2E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.2E-10
3.7E+00	2.0E-06	1.0E-03	7.5E-09	1.6E-01	5.5E-02	6.5E-11	3.6E+00	6.2E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10
3.3E+00	2.0E-06	1.0E-03	6.9E-09	1.6E-01	5.5E-02	5.9E-11	3.3E+00	6.2E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10
3.0E+00	2.0E-06	1.0E-03	6.3E-09	1.6E-01	5.5E-02	5.4E-11	3.0E+00	6.2E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10
1.2E+01	2.0E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.0E-10	4.6E+00	6.2E-06	1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.6E-10
1.4E+01	2.0E-06	1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.4E-10	5.1E+00	6.2E-06	1.0E-03	3.3E-08	1.6E-01	5.5E-02	2.8E-10
1.6E+01	2.0E-06	1.0E-03	3.3E-08	1.6E-01	5.5E-02	2.9E-10	5.6E+00	6.2E-06	1.0E-03	3.6E-08	1.6E-01	5.5E-02	3.1E-10
1.8E+01	2.0E-06	1.0E-03	3.8E-08	1.6E-01	5.5E-02	3.2E-10	6.1E+00	6.2E-06	1.0E-03	4.0E-08	1.6E-01	5.5E-02	3.4E-10

2.0E+01	2.0E-06	1.0E-03	4.1E-08	1.6E-01	5.5E-02	3.5E-10	6.6E+00	6.2E-06	1.0E-03	4.3E-08	1.6E-01	5.5E-02	3.7E-10
6.9E+00	2.0E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	5.7E+00	6.2E-06	1.0E-03	3.7E-08	1.6E-01	5.5E-02	3.2E-10
6.2E+00	2.0E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	5.3E+00	6.2E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-02	3.0E-10
5.5E+00	2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.8E-11	4.9E+00	6.2E-06	1.0E-03	3.2E-08	1.6E-01	5.5E-02	2.8E-10
5.0E+00	2.0E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.8E-11	4.6E+00	6.2E-06	1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.5E-10
4.5E+00	2.0E-06	1.0E-03	9.2E-09	1.6E-01	5.5E-02	7.9E-11	4.2E+00	6.2E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10
4.0E+00	2.0E-06	1.0E-03	8.3E-09	1.6E-01	5.5E-02	7.1E-11	3.8E+00	6.2E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.1E-10
3.7E+00	2.0E-06	1.0E-03	7.6E-09	1.6E-01	5.5E-02	6.5E-11	3.6E+00	6.2E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10
3.4E+00	2.0E-06	1.0E-03	7.0E-09	1.6E-01	5.5E-02	6.0E-11	3.3E+00	6.2E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10
3.1E+00	2.0E-06	1.0E-03	6.4E-09	1.6E-01	5.5E-02	5.5E-11	3.1E+00	6.2E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10
2.9E+00	2.0E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-02	5.1E-11	2.8E+00	6.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.6E-10
9.6E+00	2.0E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	4.1E+00	6.2E-06	1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.3E-10
1.1E+01	2.0E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	4.5E+00	6.2E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-02	2.5E-10
1.3E+01	2.0E-06	1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.3E-10	4.9E+00	6.2E-06	1.0E-03	3.2E-08	1.6E-01	5.5E-02	2.7E-10
1.4E+01	2.0E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-02	2.5E-10	5.3E+00	6.2E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-02	3.0E-10
1.5E+01	2.0E-06	1.0E-03	3.1E-08	1.6E-01	5.5E-02	2.7E-10	5.7E+00	6.2E-06	1.0E-03	3.7E-08	1.6E-01	5.5E-02	3.2E-10
5.7E+00	2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	4.9E+00	6.2E-06	1.0E-03	3.1E-08	1.6E-01	5.5E-02	2.7E-10
5.1E+00	2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.1E-11	4.5E+00	6.2E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-02	2.5E-10
4.6E+00	2.0E-06	1.0E-03	9.5E-09	1.6E-01	5.5E-02	8.2E-11	4.2E+00	6.2E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10
4.1E+00	2.0E-06	1.0E-03	8.3E-09	1.6E-01	5.5E-02	7.2E-11	3.8E+00	6.2E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10
3.7E+00	2.0E-06	1.0E-03	7.6E-09	1.6E-01	5.5E-02	6.5E-11	3.5E+00	6.2E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-02	1.9E-10
3.4E+00	2.0E-06	1.0E-03	6.9E-09	1.6E-01	5.5E-02	6.0E-11	3.2E+00	6.2E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10
3.1E+00	2.0E-06	1.0E-03	6.4E-09	1.6E-01	5.5E-02	5.5E-11	3.0E+00	6.2E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10
2.9E+00	2.0E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-02	5.1E-11	2.8E+00	6.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.6E-10
2.7E+00	2.0E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-02	4.7E-11	2.6E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10
8.2E+00	2.0E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.4E-10	3.7E+00	6.2E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10
9.3E+00	2.0E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.6E-10	4.0E+00	6.2E-06	1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.2E-10
1.0E+01	2.0E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	4.3E+00	6.2E-06	1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.4E-10
1.1E+01	2.0E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	4.7E+00	6.2E-06	1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.6E-10
1.2E+01	2.0E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	5.0E+00	6.2E-06	1.0E-03	3.2E-08	1.6E-01	5.5E-02	2.8E-10
4.8E+00	2.0E-06	1.0E-03	9.8E-09	1.6E-01	5.5E-02	8.5E-11	4.2E+00	6.2E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10
4.3E+00	2.0E-06	1.0E-03	8.9E-09	1.6E-01	5.5E-02	7.7E-11	3.9E+00	6.2E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.2E-10
3.9E+00	2.0E-06	1.0E-03	8.0E-09	1.6E-01	5.5E-02	6.9E-11	3.6E+00	6.2E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10
3.6E+00	2.0E-06	1.0E-03	7.3E-09	1.6E-01	5.5E-02	6.3E-11	3.3E+00	6.2E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10
3.3E+00	2.0E-06	1.0E-03	6.7E-09	1.6E-01	5.5E-02	5.8E-11	3.1E+00	6.2E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10
3.0E+00	2.0E-06	1.0E-03	6.1E-09	1.6E-01	5.5E-02	5.3E-11	2.9E+00	6.2E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.6E-10
2.7E+00	2.0E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-02	4.8E-11	2.7E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10
2.5E+00	2.0E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-02	4.4E-11	2.5E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10
7.0E+00	2.0E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	3.3E+00	6.2E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10
7.8E+00	2.0E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	3.6E+00	6.2E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10
8.5E+00	2.0E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10	3.9E+00	6.2E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.2E-10
9.1E+00	2.0E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.6E-10	4.1E+00	6.2E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10
9.7E+00	2.0E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	4.4E+00	6.2E-06	1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.5E-10
4.1E+00	2.0E-06	1.0E-03	8.4E-09	1.6E-01	5.5E-02	7.2E-11	3.6E+00	6.2E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.0E-10
3.8E+00	2.0E-06	1.0E-03	7.8E-09	1.6E-01	5.5E-02	6.7E-11	3.4E+00	6.2E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10
3.5E+00	2.0E-06	1.0E-03	7.1E-09	1.6E-01	5.5E-02	6.2E-11	3.2E+00	6.2E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10

3.2E+00	2.0E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-02	5.6E-11	3.0E+00	6.2E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.7E-10
2.9E+00	2.0E-06	1.0E-03	6.0E-09	1.6E-01	5.5E-02	5.2E-11	2.8E+00	6.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.6E-10
2.7E+00	2.0E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-02	4.7E-11	2.6E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10
2.4E+00	2.0E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-02	4.3E-11	2.4E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.3E-10
6.0E+00	2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.1E-10	3.0E+00	6.2E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10
6.6E+00	2.0E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	3.3E+00	6.2E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10
7.1E+00	2.0E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	3.5E+00	6.2E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-02	1.9E-10
7.6E+00	2.0E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.3E-10	3.7E+00	6.2E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10
8.0E+00	2.0E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	3.9E+00	6.2E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.2E-10
3.5E+00	2.0E-06	1.0E-03	7.3E-09	1.6E-01	5.5E-02	6.3E-11	3.2E+00	6.2E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10
3.3E+00	2.0E-06	1.0E-03	6.7E-09	1.6E-01	5.5E-02	5.8E-11	3.0E+00	6.2E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10
3.0E+00	2.0E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-02	5.4E-11	2.8E+00	6.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.6E-10
2.8E+00	2.0E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-02	5.0E-11	2.7E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10
2.6E+00	2.0E-06	1.0E-03	5.3E-09	1.6E-01	5.5E-02	4.6E-11	2.5E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10
2.4E+00	2.0E-06	1.0E-03	4.9E-09	1.6E-01	5.5E-02	4.2E-11	2.3E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10
5.2E+00	2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.2E-11	2.7E+00	6.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.5E-10
5.7E+00	2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	2.9E+00	6.2E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.6E-10
6.1E+00	2.0E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	3.1E+00	6.2E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.8E-10
6.5E+00	2.0E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	3.3E+00	6.2E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10
6.8E+00	2.0E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	3.5E+00	6.2E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-02	1.9E-10
3.3E+00	2.0E-06	1.0E-03	6.9E-09	1.6E-01	5.5E-02	5.9E-11	3.0E+00	6.2E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.7E-10
3.1E+00	2.0E-06	1.0E-03	6.4E-09	1.6E-01	5.5E-02	5.5E-11	2.8E+00	6.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.6E-10
2.9E+00	2.0E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-02	5.1E-11	2.7E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10
2.7E+00	2.0E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-02	4.7E-11	2.5E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10
2.5E+00	2.0E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-02	4.4E-11	2.4E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10
2.3E+00	2.0E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-02	4.0E-11	2.2E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10
4.6E+00	2.0E-06	1.0E-03	9.4E-09	1.6E-01	5.5E-02	8.1E-11	2.5E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10
4.9E+00	2.0E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.7E-11	2.7E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10
5.3E+00	2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.3E-11	2.8E+00	6.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.6E-10
5.6E+00	2.0E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.8E-11	3.0E+00	6.2E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.7E-10
5.8E+00	2.0E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	3.1E+00	6.2E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.8E-10
3.1E+00	2.0E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-02	5.6E-11	2.8E+00	6.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.6E-10
2.9E+00	2.0E-06	1.0E-03	6.0E-09	1.6E-01	5.5E-02	5.2E-11	2.6E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10
2.7E+00	2.0E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-02	4.8E-11	2.5E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10
2.5E+00	2.0E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-02	4.5E-11	2.4E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10
2.4E+00	2.0E-06	1.0E-03	4.9E-09	1.6E-01	5.5E-02	4.2E-11	2.2E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10
2.2E+00	2.0E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-02	3.9E-11	2.1E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10
4.1E+00	2.0E-06	1.0E-03	8.3E-09	1.6E-01	5.5E-02	7.2E-11	2.3E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10
4.3E+00	2.0E-06	1.0E-03	8.9E-09	1.6E-01	5.5E-02	7.7E-11	2.4E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10
4.6E+00	2.0E-06	1.0E-03	9.5E-09	1.6E-01	5.5E-02	8.1E-11	2.6E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.4E-10
4.8E+00	2.0E-06	1.0E-03	9.9E-09	1.6E-01	5.5E-02	8.6E-11	2.7E+00	6.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.5E-10
5.0E+00	2.0E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.9E-11	2.8E+00	6.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.6E-10
3.0E+00	2.0E-06	1.0E-03	6.1E-09	1.6E-01	5.5E-02	5.2E-11	2.6E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.4E-10
2.8E+00	2.0E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-02	4.9E-11	2.5E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10
2.6E+00	2.0E-06	1.0E-03	5.3E-09	1.6E-01	5.5E-02	4.6E-11	2.4E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10
2.4E+00	2.0E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-02	4.3E-11	2.2E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10

2.3E+00	2.0E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-02	4.0E-11	2.1E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10
2.1E+00	2.0E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-02	3.7E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10
3.6E+00	2.0E-06	1.0E-03	7.4E-09	1.6E-01	5.5E-02	6.4E-11	2.1E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10
3.8E+00	2.0E-06	1.0E-03	7.9E-09	1.6E-01	5.5E-02	6.8E-11	2.2E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10
4.1E+00	2.0E-06	1.0E-03	8.3E-09	1.6E-01	5.5E-02	7.2E-11	2.4E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10
4.3E+00	2.0E-06	1.0E-03	8.7E-09	1.6E-01	5.5E-02	7.5E-11	2.5E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10
4.4E+00	2.0E-06	1.0E-03	9.1E-09	1.6E-01	5.5E-02	7.8E-11	2.6E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.4E-10
2.8E+00	2.0E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-02	4.9E-11	2.4E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10
2.6E+00	2.0E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-02	4.6E-11	2.3E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10
2.5E+00	2.0E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-02	4.3E-11	2.2E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10
2.3E+00	2.0E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-02	4.1E-11	2.1E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10
2.2E+00	2.0E-06	1.0E-03	4.4E-09	1.6E-01	5.5E-02	3.8E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10
2.0E+00	2.0E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-02	3.6E-11	1.9E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.1E-10
3.2E+00	2.0E-06	1.0E-03	6.7E-09	1.6E-01	5.5E-02	5.7E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10
3.4E+00	2.0E-06	1.0E-03	7.1E-09	1.6E-01	5.5E-02	6.1E-11	2.1E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.2E-10
3.6E+00	2.0E-06	1.0E-03	7.4E-09	1.6E-01	5.5E-02	6.4E-11	2.2E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10
3.8E+00	2.0E-06	1.0E-03	7.8E-09	1.6E-01	5.5E-02	6.7E-11	2.3E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10
3.9E+00	2.0E-06	1.0E-03	8.0E-09	1.6E-01	5.5E-02	6.9E-11	2.4E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10
4.0E+00	2.0E-06	1.0E-03	8.3E-09	1.6E-01	5.5E-02	7.1E-11	2.4E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10
4.1E+00	2.0E-06	1.0E-03	8.4E-09	1.6E-01	5.5E-02	7.3E-11	2.5E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10
4.1E+00	2.0E-06	1.0E-03	8.5E-09	1.6E-01	5.5E-02	7.3E-11	2.6E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.4E-10
4.1E+00	2.0E-06	1.0E-03	8.5E-09	1.6E-01	5.5E-02	7.3E-11	2.6E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10
4.1E+00	2.0E-06	1.0E-03	8.4E-09	1.6E-01	5.5E-02	7.3E-11	2.7E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10
4.0E+00	2.0E-06	1.0E-03	8.3E-09	1.6E-01	5.5E-02	7.2E-11	2.7E+00	6.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.5E-10
3.9E+00	2.0E-06	1.0E-03	8.1E-09	1.6E-01	5.5E-02	7.0E-11	2.7E+00	6.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.5E-10
3.8E+00	2.0E-06	1.0E-03	7.9E-09	1.6E-01	5.5E-02	6.8E-11	2.7E+00	6.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.5E-10
3.7E+00	2.0E-06	1.0E-03	7.6E-09	1.6E-01	5.5E-02	6.6E-11	2.7E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10
3.6E+00	2.0E-06	1.0E-03	7.3E-09	1.6E-01	5.5E-02	6.3E-11	2.7E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10
3.4E+00	2.0E-06	1.0E-03	7.0E-09	1.6E-01	5.5E-02	6.0E-11	2.6E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10
3.3E+00	2.0E-06	1.0E-03	6.7E-09	1.6E-01	5.5E-02	5.8E-11	2.6E+00	6.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.4E-10
3.1E+00	2.0E-06	1.0E-03	6.4E-09	1.6E-01	5.5E-02	5.5E-11	2.5E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10
2.9E+00	2.0E-06	1.0E-03	6.0E-09	1.6E-01	5.5E-02	5.2E-11	2.4E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10
2.8E+00	2.0E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-02	4.9E-11	2.3E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10
2.6E+00	2.0E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-02	4.6E-11	2.3E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10
2.5E+00	2.0E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-02	4.4E-11	2.2E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10
2.3E+00	2.0E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-02	4.1E-11	2.1E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10
2.2E+00	2.0E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-02	3.9E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10
2.1E+00	2.0E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-02	3.7E-11	1.9E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.1E-10
1.9E+00	2.0E-06	1.0E-03	4.0E-09	1.6E-01	5.5E-02	3.4E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10
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3.4E+00	2.0E-06	1.0E-03	6.9E-09	1.6E-01	5.5E-02	6.0E-11	2.1E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10
3.5E+00	2.0E-06	1.0E-03	7.2E-09	1.6E-01	5.5E-02	6.2E-11	2.2E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10
3.6E+00	2.0E-06	1.0E-03	7.4E-09	1.6E-01	5.5E-02	6.4E-11	2.2E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10
3.7E+00	2.0E-06	1.0E-03	7.5E-09	1.6E-01	5.5E-02	6.5E-11	2.3E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10

3.7E+00	2.0E-06	1.0E-03	7.6E-09	1.6E-01	5.5E-02	6.5E-11	2.4E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10
3.7E+00	2.0E-06	1.0E-03	7.6E-09	1.6E-01	5.5E-02	6.6E-11	2.4E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.3E-10
3.7E+00	2.0E-06	1.0E-03	7.6E-09	1.6E-01	5.5E-02	6.5E-11	2.4E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10
3.6E+00	2.0E-06	1.0E-03	7.5E-09	1.6E-01	5.5E-02	6.5E-11	2.5E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10
3.6E+00	2.0E-06	1.0E-03	7.3E-09	1.6E-01	5.5E-02	6.3E-11	2.5E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10
3.5E+00	2.0E-06	1.0E-03	7.2E-09	1.6E-01	5.5E-02	6.2E-11	2.5E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10
3.4E+00	2.0E-06	1.0E-03	7.0E-09	1.6E-01	5.5E-02	6.0E-11	2.5E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10
3.3E+00	2.0E-06	1.0E-03	6.7E-09	1.6E-01	5.5E-02	5.8E-11	2.4E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10
3.1E+00	2.0E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-02	5.6E-11	2.4E+00	6.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.3E-10
3.0E+00	2.0E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-02	5.3E-11	2.4E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10
2.9E+00	2.0E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-02	5.1E-11	2.3E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10
2.7E+00	2.0E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-02	4.9E-11	2.3E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10
2.6E+00	2.0E-06	1.0E-03	5.3E-09	1.6E-01	5.5E-02	4.6E-11	2.2E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10
2.5E+00	2.0E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-02	4.4E-11	2.1E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10
2.3E+00	2.0E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-02	4.1E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10
2.2E+00	2.0E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-02	3.9E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10
2.1E+00	2.0E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-02	3.7E-11	1.9E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.1E-10
2.0E+00	2.0E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-02	3.5E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10
1.9E+00	2.0E-06	1.0E-03	3.8E-09	1.6E-01	5.5E-02	3.3E-11	1.7E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.7E-11
2.7E+00	2.0E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-02	4.7E-11	1.7E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.4E-11
2.8E+00	2.0E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-02	4.9E-11	1.8E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.9E-11
2.9E+00	2.0E-06	1.0E-03	6.0E-09	1.6E-01	5.5E-02	5.2E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10
3.0E+00	2.0E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-02	5.4E-11	1.9E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.1E-10
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3.2E+00	2.0E-06	1.0E-03	6.6E-09	1.6E-01	5.5E-02	5.7E-11	2.1E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10
3.3E+00	2.0E-06	1.0E-03	6.8E-09	1.6E-01	5.5E-02	5.8E-11	2.1E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10
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3.1E+00	2.0E-06	1.0E-03	6.4E-09	1.6E-01	5.5E-02	5.5E-11	2.3E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10
3.0E+00	2.0E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-02	5.3E-11	2.3E+00	6.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10
2.9E+00	2.0E-06	1.0E-03	6.0E-09	1.6E-01	5.5E-02	5.1E-11	2.2E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10
2.8E+00	2.0E-06	1.0E-03	5.8E-09	1.6E-01	5.5E-02	5.0E-11	2.2E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10
2.7E+00	2.0E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-02	4.7E-11	2.2E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10
2.6E+00	2.0E-06	1.0E-03	5.3E-09	1.6E-01	5.5E-02	4.5E-11	2.1E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10
2.4E+00	2.0E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-02	4.3E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10
2.3E+00	2.0E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-02	4.1E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10
2.2E+00	2.0E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-02	3.9E-11	1.9E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10
2.1E+00	2.0E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-02	3.7E-11	1.9E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10
2.0E+00	2.0E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-02	3.5E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10
1.9E+00	2.0E-06	1.0E-03	3.9E-09	1.6E-01	5.5E-02	3.3E-11	1.7E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.6E-11
1.8E+00	2.0E-06	1.0E-03	3.7E-09	1.6E-01	5.5E-02	3.2E-11	1.7E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.2E-11
2.4E+00	2.0E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-02	4.3E-11	1.6E+00	6.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.8E-11

2.5E+00	2.0E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-02	4.5E-11	1.6E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.2E-11
2.6E+00	2.0E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-02	4.7E-11	1.7E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.6E-11
2.7E+00	2.0E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-02	4.9E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	9.9E-11
2.8E+00	2.0E-06	1.0E-03	5.8E-09	1.6E-01	5.5E-02	5.0E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10
2.9E+00	2.0E-06	1.0E-03	6.0E-09	1.6E-01	5.5E-02	5.2E-11	1.9E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.1E-10
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3.0E+00	2.0E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-02	5.3E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10
3.0E+00	2.0E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-02	5.4E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10
3.0E+00	2.0E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-02	5.3E-11	2.1E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.2E-10
3.0E+00	2.0E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-02	5.3E-11	2.1E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10
3.0E+00	2.0E-06	1.0E-03	6.1E-09	1.6E-01	5.5E-02	5.3E-11	2.1E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10
2.9E+00	2.0E-06	1.0E-03	6.0E-09	1.6E-01	5.5E-02	5.2E-11	2.1E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10
2.9E+00	2.0E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-02	5.0E-11	2.1E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10
2.8E+00	2.0E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-02	4.9E-11	2.1E+00	6.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10
2.7E+00	2.0E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-02	4.8E-11	2.1E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.2E-10
2.6E+00	2.0E-06	1.0E-03	5.3E-09	1.6E-01	5.5E-02	4.6E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10
2.5E+00	2.0E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-02	4.4E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10
2.4E+00	2.0E-06	1.0E-03	4.9E-09	1.6E-01	5.5E-02	4.2E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10
2.3E+00	2.0E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-02	4.1E-11	1.9E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.1E-10
2.2E+00	2.0E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-02	3.9E-11	1.9E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10
2.1E+00	2.0E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-02	3.7E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10
2.0E+00	2.0E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-02	3.5E-11	1.8E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.8E-11
1.9E+00	2.0E-06	1.0E-03	3.9E-09	1.6E-01	5.5E-02	3.3E-11	1.7E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.5E-11
1.8E+00	2.0E-06	1.0E-03	3.7E-09	1.6E-01	5.5E-02	3.2E-11	1.6E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.1E-11
1.7E+00	2.0E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-02	3.0E-11	1.6E+00	6.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.8E-11
2.2E+00	2.0E-06	1.0E-03	4.6E-09	1.6E-01	5.5E-02	3.9E-11	1.5E+00	6.2E-06	1.0E-03	9.5E-09	1.6E-01	5.5E-02	8.2E-11
2.3E+00	2.0E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-02	4.1E-11	1.5E+00	6.2E-06	1.0E-03	9.9E-09	1.6E-01	5.5E-02	8.5E-11
2.4E+00	2.0E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-02	4.3E-11	1.6E+00	6.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.9E-11
2.5E+00	2.0E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-02	4.4E-11	1.6E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.2E-11
2.6E+00	2.0E-06	1.0E-03	5.3E-09	1.6E-01	5.5E-02	4.6E-11	1.7E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.5E-11
2.6E+00	2.0E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-02	4.7E-11	1.8E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.8E-11
2.7E+00	2.0E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-02	4.8E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10
2.7E+00	2.0E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-02	4.8E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10
2.8E+00	2.0E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-02	4.9E-11	1.9E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.1E-10
2.8E+00	2.0E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-02	4.9E-11	1.9E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.1E-10
2.7E+00	2.0E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-02	4.9E-11	1.9E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10
2.7E+00	2.0E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-02	4.8E-11	1.9E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10
2.7E+00	2.0E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-02	4.7E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10
2.6E+00	2.0E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-02	4.6E-11	2.0E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10
2.6E+00	2.0E-06	1.0E-03	5.3E-09	1.6E-01	5.5E-02	4.5E-11	1.9E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10
2.5E+00	2.0E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-02	4.4E-11	1.9E+00	6.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10
2.4E+00	2.0E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-02	4.3E-11	1.9E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.1E-10
2.3E+00	2.0E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-02	4.1E-11	1.9E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10
2.2E+00	2.0E-06	1.0E-03	4.6E-09	1.6E-01	5.5E-02	4.0E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10
2.2E+00	2.0E-06	1.0E-03	4.4E-09	1.6E-01	5.5E-02	3.8E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10
2.1E+00	2.0E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-02	3.7E-11	1.8E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.8E-11

2.0E+00	2.0E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-02	3.5E-11	1.7E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.5E-11
1.9E+00	2.0E-06	1.0E-03	3.9E-09	1.6E-01	5.5E-02	3.3E-11	1.7E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.2E-11
1.8E+00	2.0E-06	1.0E-03	3.7E-09	1.6E-01	5.5E-02	3.2E-11	1.6E+00	6.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	9.0E-11
1.7E+00	2.0E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-02	3.0E-11	1.6E+00	6.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.7E-11
1.6E+00	2.0E-06	1.0E-03	3.4E-09	1.6E-01	5.5E-02	2.9E-11	1.5E+00	6.2E-06	1.0E-03	9.7E-09	1.6E-01	5.5E-02	8.4E-11
2.0E+00	2.0E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-02	3.6E-11	1.4E+00	6.2E-06	1.0E-03	8.9E-09	1.6E-01	5.5E-02	7.7E-11
2.1E+00	2.0E-06	1.0E-03	4.4E-09	1.6E-01	5.5E-02	3.8E-11	1.4E+00	6.2E-06	1.0E-03	9.3E-09	1.6E-01	5.5E-02	8.0E-11
2.2E+00	2.0E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-02	3.9E-11	1.5E+00	6.2E-06	1.0E-03	9.6E-09	1.6E-01	5.5E-02	8.3E-11
2.3E+00	2.0E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-02	4.0E-11	1.5E+00	6.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.6E-11
2.4E+00	2.0E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-02	4.2E-11	1.6E+00	6.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.9E-11
2.4E+00	2.0E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-02	4.3E-11	1.6E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.1E-11
2.5E+00	2.0E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-02	4.3E-11	1.7E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.4E-11
2.5E+00	2.0E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-02	4.4E-11	1.7E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.6E-11
2.5E+00	2.0E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-02	4.4E-11	1.7E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.7E-11
2.5E+00	2.0E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-02	4.5E-11	1.8E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.9E-11
2.5E+00	2.0E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-02	4.4E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10
2.5E+00	2.0E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-02	4.4E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10
2.5E+00	2.0E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-02	4.4E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10
2.4E+00	2.0E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-02	4.3E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10
2.4E+00	2.0E-06	1.0E-03	4.9E-09	1.6E-01	5.5E-02	4.2E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10
2.3E+00	2.0E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-02	4.1E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10
2.3E+00	2.0E-06	1.0E-03	4.6E-09	1.6E-01	5.5E-02	4.0E-11	1.8E+00	6.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	9.9E-11
2.2E+00	2.0E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-02	3.9E-11	1.8E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.8E-11
2.1E+00	2.0E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-02	3.7E-11	1.7E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.6E-11
2.0E+00	2.0E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-02	3.6E-11	1.7E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.4E-11
1.9E+00	2.0E-06	1.0E-03	4.0E-09	1.6E-01	5.5E-02	3.4E-11	1.6E+00	6.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.2E-11
1.9E+00	2.0E-06	1.0E-03	3.8E-09	1.6E-01	5.5E-02	3.3E-11	1.6E+00	6.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	9.0E-11
1.8E+00	2.0E-06	1.0E-03	3.7E-09	1.6E-01	5.5E-02	3.2E-11	1.6E+00	6.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.7E-11
1.7E+00	2.0E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-02	3.0E-11	1.5E+00	6.2E-06	1.0E-03	9.9E-09	1.6E-01	5.5E-02	8.5E-11
1.6E+00	2.0E-06	1.0E-03	3.4E-09	1.6E-01	5.5E-02	2.9E-11	1.5E+00	6.2E-06	1.0E-03	9.6E-09	1.6E-01	5.5E-02	8.2E-11
1.6E+00	2.0E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-02	2.8E-11	1.4E+00	6.2E-06	1.0E-03	9.2E-09	1.6E-01	5.5E-02	8.0E-11

Franklin School Project

Risk From New Building Demo - Mitigated Residential

Haul Route 1A							Haul Route 2A						
Conc	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
3.4E-01	1.3E-05	1.0E-03	4.5E-09	1.6E-01	5.5E-02	3.9E-11	3.9E+00	1.4E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-02	4.8E-11
3.9E-01	1.3E-05	1.0E-03	5.2E-09	1.6E-01	5.5E-02	4.5E-11	4.4E+00	1.4E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-02	5.4E-11
4.5E-01	1.3E-05	1.0E-03	6.0E-09	1.6E-01	5.5E-02	5.2E-11	4.7E+00	1.4E-06	1.0E-03	6.7E-09	1.6E-01	5.5E-02	5.8E-11
5.2E-01	1.3E-05	1.0E-03	6.9E-09	1.6E-01	5.5E-02	5.9E-11	4.8E+00	1.4E-06	1.0E-03	6.9E-09	1.6E-01	5.5E-02	5.9E-11
5.8E-01	1.3E-05	1.0E-03	7.7E-09	1.6E-01	5.5E-02	6.7E-11	4.8E+00	1.4E-06	1.0E-03	6.9E-09	1.6E-01	5.5E-02	6.0E-11
6.5E-01	1.3E-05	1.0E-03	8.6E-09	1.6E-01	5.5E-02	7.4E-11	4.7E+00	1.4E-06	1.0E-03	6.7E-09	1.6E-01	5.5E-02	5.8E-11
7.1E-01	1.3E-05	1.0E-03	9.4E-09	1.6E-01	5.5E-02	8.1E-11	4.3E+00	1.4E-06	1.0E-03	6.1E-09	1.6E-01	5.5E-02	5.3E-11
7.7E-01	1.3E-05	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.8E-11	3.6E+00	1.4E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-02	4.4E-11
8.4E-01	1.3E-05	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.6E-11	2.8E+00	1.4E-06	1.0E-03	4.0E-09	1.6E-01	5.5E-02	3.5E-11
9.2E-01	1.3E-05	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.1E-10	2.2E+00	1.4E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-02	2.7E-11
9.9E-01	1.3E-05	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	1.6E+00	1.4E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.0E-11
1.0E+00	1.3E-05	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	1.3E+00	1.4E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.6E-11
1.0E+00	1.3E-05	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	1.0E+00	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
1.0E+00	1.3E-05	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.2E-10	8.0E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.9E-12
9.5E-01	1.3E-05	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	6.5E-01	1.4E-06	1.0E-03	9.3E-10	1.6E-01	5.5E-02	8.0E-12
8.8E-01	1.3E-05	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	5.4E-01	1.4E-06	1.0E-03	7.7E-10	1.6E-01	5.5E-02	6.7E-12
3.9E-01	1.3E-05	1.0E-03	5.2E-09	1.6E-01	5.5E-02	4.5E-11	8.3E+00	1.4E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10
4.7E-01	1.3E-05	1.0E-03	6.2E-09	1.6E-01	5.5E-02	5.3E-11	8.9E+00	1.4E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10
5.5E-01	1.3E-05	1.0E-03	7.4E-09	1.6E-01	5.5E-02	6.3E-11	9.3E+00	1.4E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10
6.5E-01	1.3E-05	1.0E-03	8.7E-09	1.6E-01	5.5E-02	7.5E-11	9.5E+00	1.4E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10
7.6E-01	1.3E-05	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.7E-11	9.4E+00	1.4E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10
8.7E-01	1.3E-05	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	9.0E+00	1.4E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10
9.7E-01	1.3E-05	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	7.7E+00	1.4E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.5E-11
1.1E+00	1.3E-05	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	5.3E+00	1.4E-06	1.0E-03	7.6E-09	1.6E-01	5.5E-02	6.5E-11
1.2E+00	1.3E-05	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	3.4E+00	1.4E-06	1.0E-03	4.9E-09	1.6E-01	5.5E-02	4.3E-11
1.3E+00	1.3E-05	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.5E-10	2.3E+00	1.4E-06	1.0E-03	3.3E-09	1.6E-01	5.5E-02	2.9E-11
1.4E+00	1.3E-05	1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.6E-10	1.7E+00	1.4E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.0E-11
1.4E+00	1.3E-05	1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.6E-10	1.2E+00	1.4E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.5E-11
1.4E+00	1.3E-05	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.6E-10	9.4E-01	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
1.3E+00	1.3E-05	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10	7.5E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.2E-12
1.2E+00	1.3E-05	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	6.1E-01	1.4E-06	1.0E-03	8.7E-10	1.6E-01	5.5E-02	7.5E-12
1.0E+00	1.3E-05	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	5.0E-01	1.4E-06	1.0E-03	7.2E-10	1.6E-01	5.5E-02	6.2E-12
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5.6E-01	1.3E-05	1.0E-03	7.4E-09	1.6E-01	5.5E-02	6.4E-11	1.1E+01	1.4E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10
6.9E-01	1.3E-05	1.0E-03	9.1E-09	1.6E-01	5.5E-02	7.9E-11	6.2E+00	1.4E-06	1.0E-03	8.8E-09	1.6E-01	5.5E-02	7.6E-11
8.5E-01	1.3E-05	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.7E-11	6.1E+00	1.4E-06	1.0E-03	8.8E-09	1.6E-01	5.5E-02	7.6E-11
1.0E+00	1.3E-05	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	6.0E+00	1.4E-06	1.0E-03	8.6E-09	1.6E-01	5.5E-02	7.4E-11
1.2E+00	1.3E-05	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	5.4E+00	1.4E-06	1.0E-03	7.7E-09	1.6E-01	5.5E-02	6.6E-11
1.4E+00	1.3E-05	1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.6E-10	6.2E+00	1.4E-06	1.0E-03	8.8E-09	1.6E-01	5.5E-02	7.6E-11

1.6E+00	1.3E-05	1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	7.1E+00	1.4E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.8E-11
1.9E+00	1.3E-05	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.1E-10	3.6E+00	1.4E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-02	4.5E-11
2.1E+00	1.3E-05	1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.4E-10	2.2E+00	1.4E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-02	2.7E-11
2.1E+00	1.3E-05	1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.4E-10	1.5E+00	1.4E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11
2.0E+00	1.3E-05	1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10	1.1E+00	1.4E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.4E-11
1.8E+00	1.3E-05	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	8.5E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11
1.6E+00	1.3E-05	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	6.7E-01	1.4E-06	1.0E-03	9.6E-10	1.6E-01	5.5E-02	8.3E-12
1.3E+00	1.3E-05	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.5E-10	5.4E-01	1.4E-06	1.0E-03	7.8E-10	1.6E-01	5.5E-02	6.7E-12
1.1E+00	1.3E-05	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	4.5E-01	1.4E-06	1.0E-03	6.5E-10	1.6E-01	5.5E-02	5.6E-12
5.2E-01	1.3E-05	1.0E-03	7.0E-09	1.6E-01	5.5E-02	6.0E-11	6.3E+00	1.4E-06	1.0E-03	9.1E-09	1.6E-01	5.5E-02	7.8E-11
6.6E-01	1.3E-05	1.0E-03	8.8E-09	1.6E-01	5.5E-02	7.6E-11	1.0E+01	1.4E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10
8.6E-01	1.3E-05	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.8E-11	5.6E+00	1.4E-06	1.0E-03	8.1E-09	1.6E-01	5.5E-02	6.9E-11
1.1E+00	1.3E-05	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	5.5E+00	1.4E-06	1.0E-03	7.9E-09	1.6E-01	5.5E-02	6.8E-11
1.5E+00	1.3E-05	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	5.3E+00	1.4E-06	1.0E-03	7.5E-09	1.6E-01	5.5E-02	6.5E-11
1.9E+00	1.3E-05	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.2E-10	4.5E+00	1.4E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-02	5.6E-11
2.3E+00	1.3E-05	1.0E-03	3.1E-08	1.6E-01	5.5E-02	2.7E-10	5.2E+00	1.4E-06	1.0E-03	7.5E-09	1.6E-01	5.5E-02	6.4E-11
2.8E+00	1.3E-05	1.0E-03	3.7E-08	1.6E-01	5.5E-02	3.2E-10	6.0E+00	1.4E-06	1.0E-03	8.6E-09	1.6E-01	5.5E-02	7.4E-11
3.2E+00	1.3E-05	1.0E-03	4.3E-08	1.6E-01	5.5E-02	3.7E-10	3.0E+00	1.4E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-02	3.7E-11
3.4E+00	1.3E-05	1.0E-03	4.5E-08	1.6E-01	5.5E-02	3.8E-10	1.9E+00	1.4E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-02	2.3E-11
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2.7E+00	1.3E-05	1.0E-03	3.6E-08	1.6E-01	5.5E-02	3.1E-10	9.5E-01	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
2.3E+00	1.3E-05	1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.6E-10	7.4E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.1E-12
1.8E+00	1.3E-05	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	5.9E-01	1.4E-06	1.0E-03	8.4E-10	1.6E-01	5.5E-02	7.3E-12
1.5E+00	1.3E-05	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	4.8E-01	1.4E-06	1.0E-03	6.9E-10	1.6E-01	5.5E-02	6.0E-12
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5.9E-01	1.3E-05	1.0E-03	7.9E-09	1.6E-01	5.5E-02	6.8E-11	7.0E+00	1.4E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.6E-11
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1.1E+00	1.3E-05	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	7.4E+00	1.4E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.1E-11
1.5E+00	1.3E-05	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	7.3E+00	1.4E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	9.0E-11
2.2E+00	1.3E-05	1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.6E-10	7.0E+00	1.4E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.7E-11
3.3E+00	1.3E-05	1.0E-03	4.4E-08	1.6E-01	5.5E-02	3.7E-10	6.4E+00	1.4E-06	1.0E-03	9.2E-09	1.6E-01	5.5E-02	7.9E-11
4.5E+00	1.3E-05	1.0E-03	5.9E-08	1.6E-01	5.5E-02	5.1E-10	5.2E+00	1.4E-06	1.0E-03	7.4E-09	1.6E-01	5.5E-02	6.4E-11
5.6E+00	1.3E-05	1.0E-03	7.5E-08	1.6E-01	5.5E-02	6.5E-10	3.4E+00	1.4E-06	1.0E-03	4.9E-09	1.6E-01	5.5E-02	4.2E-11
6.2E+00	1.3E-05	1.0E-03	8.3E-08	1.6E-01	5.5E-02	7.1E-10	2.2E+00	1.4E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-02	2.7E-11
5.6E+00	1.3E-05	1.0E-03	7.5E-08	1.6E-01	5.5E-02	6.4E-10	1.5E+00	1.4E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11
4.5E+00	1.3E-05	1.0E-03	6.0E-08	1.6E-01	5.5E-02	5.2E-10	1.1E+00	1.4E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11
3.4E+00	1.3E-05	1.0E-03	4.6E-08	1.6E-01	5.5E-02	4.0E-10	8.2E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11
2.6E+00	1.3E-05	1.0E-03	3.5E-08	1.6E-01	5.5E-02	3.0E-10	6.4E-01	1.4E-06	1.0E-03	9.2E-10	1.6E-01	5.5E-02	7.9E-12
2.0E+00	1.3E-05	1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10	5.2E-01	1.4E-06	1.0E-03	7.5E-10	1.6E-01	5.5E-02	6.4E-12
1.5E+00	1.3E-05	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	4.3E-01	1.4E-06	1.0E-03	6.2E-10	1.6E-01	5.5E-02	5.3E-12
1.2E+00	1.3E-05	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	3.6E-01	1.4E-06	1.0E-03	5.2E-10	1.6E-01	5.5E-02	4.5E-12
6.5E-01	1.3E-05	1.0E-03	8.6E-09	1.6E-01	5.5E-02	7.4E-11	3.5E+00	1.4E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-02	4.4E-11
8.8E-01	1.3E-05	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	3.8E+00	1.4E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-02	4.6E-11
1.3E+00	1.3E-05	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10	3.8E+00	1.4E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-02	4.7E-11
2.0E+00	1.3E-05	1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10	3.8E+00	1.4E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-02	4.7E-11
3.5E+00	1.3E-05	1.0E-03	4.6E-08	1.6E-01	5.5E-02	4.0E-10	3.7E+00	1.4E-06	1.0E-03	5.3E-09	1.6E-01	5.5E-02	4.5E-11

6.5E+00	1.3E-05	1.0E-03	8.6E-08	1.6E-01	5.5E-02	7.4E-10	3.4E+00	1.4E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-02	4.2E-11
1.1E+01	1.3E-05	1.0E-03	1.5E-07	1.6E-01	5.5E-02	1.3E-09	2.9E+00	1.4E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-02	3.5E-11
1.5E+01	1.3E-05	1.0E-03	2.0E-07	1.6E-01	5.5E-02	1.7E-09	2.2E+00	1.4E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-02	2.7E-11
1.3E+01	1.3E-05	1.0E-03	1.7E-07	1.6E-01	5.5E-02	1.5E-09	1.6E+00	1.4E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.0E-11
8.7E+00	1.3E-05	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09	1.2E+00	1.4E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.5E-11
5.7E+00	1.3E-05	1.0E-03	7.6E-08	1.6E-01	5.5E-02	6.6E-10	9.1E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
3.9E+00	1.3E-05	1.0E-03	5.2E-08	1.6E-01	5.5E-02	4.5E-10	7.1E-01	1.4E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	8.7E-12
2.7E+00	1.3E-05	1.0E-03	3.6E-08	1.6E-01	5.5E-02	3.1E-10	5.7E-01	1.4E-06	1.0E-03	8.1E-10	1.6E-01	5.5E-02	7.0E-12
2.0E+00	1.3E-05	1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.3E-10	4.7E-01	1.4E-06	1.0E-03	6.7E-10	1.6E-01	5.5E-02	5.8E-12
1.5E+00	1.3E-05	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	3.9E-01	1.4E-06	1.0E-03	5.6E-10	1.6E-01	5.5E-02	4.8E-12
1.2E+00	1.3E-05	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	3.3E-01	1.4E-06	1.0E-03	4.7E-10	1.6E-01	5.5E-02	4.1E-12
6.8E-01	1.3E-05	1.0E-03	9.0E-09	1.6E-01	5.5E-02	7.8E-11	2.2E+00	1.4E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-02	2.7E-11
9.5E-01	1.3E-05	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	2.4E+00	1.4E-06	1.0E-03	3.4E-09	1.6E-01	5.5E-02	2.9E-11
1.4E+00	1.3E-05	1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.7E-10	2.4E+00	1.4E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-02	3.0E-11
2.5E+00	1.3E-05	1.0E-03	3.3E-08	1.6E-01	5.5E-02	2.8E-10	2.4E+00	1.4E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-02	3.0E-11
5.0E+00	1.3E-05	1.0E-03	6.7E-08	1.6E-01	5.5E-02	5.7E-10	2.4E+00	1.4E-06	1.0E-03	3.4E-09	1.6E-01	5.5E-02	2.9E-11
1.4E+01	1.3E-05	1.0E-03	1.9E-07	1.6E-01	5.5E-02	1.6E-09	2.2E+00	1.4E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-02	2.7E-11
5.4E+01	1.3E-05	1.0E-03	7.2E-07	1.6E-01	5.5E-02	6.2E-09	1.9E+00	1.4E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-02	2.4E-11
6.1E+01	1.3E-05	1.0E-03	8.1E-07	1.6E-01	5.5E-02	6.9E-09	1.6E+00	1.4E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11
2.4E+01	1.3E-05	1.0E-03	3.2E-07	1.6E-01	5.5E-02	2.7E-09	1.3E+00	1.4E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.6E-11
1.1E+01	1.3E-05	1.0E-03	1.5E-07	1.6E-01	5.5E-02	1.3E-09	1.0E+00	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
6.0E+00	1.3E-05	1.0E-03	8.0E-08	1.6E-01	5.5E-02	6.9E-10	7.9E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.7E-12
3.8E+00	1.3E-05	1.0E-03	5.0E-08	1.6E-01	5.5E-02	4.3E-10	6.3E-01	1.4E-06	1.0E-03	9.0E-10	1.6E-01	5.5E-02	7.8E-12
2.5E+00	1.3E-05	1.0E-03	3.4E-08	1.6E-01	5.5E-02	2.9E-10	5.1E-01	1.4E-06	1.0E-03	7.4E-10	1.6E-01	5.5E-02	6.3E-12
1.8E+00	1.3E-05	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	4.3E-01	1.4E-06	1.0E-03	6.1E-10	1.6E-01	5.5E-02	5.3E-12
1.3E+00	1.3E-05	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.5E-10	3.6E-01	1.4E-06	1.0E-03	5.1E-10	1.6E-01	5.5E-02	4.4E-12
1.0E+00	1.3E-05	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	3.1E-01	1.4E-06	1.0E-03	4.4E-10	1.6E-01	5.5E-02	3.8E-12
6.9E-01	1.3E-05	1.0E-03	9.1E-09	1.6E-01	5.5E-02	7.9E-11	1.5E+00	1.4E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.9E-11
9.7E-01	1.3E-05	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	1.6E+00	1.4E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11
1.5E+00	1.3E-05	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	1.7E+00	1.4E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.1E-11
2.6E+00	1.3E-05	1.0E-03	3.4E-08	1.6E-01	5.5E-02	2.9E-10	1.7E+00	1.4E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.1E-11
5.5E+00	1.3E-05	1.0E-03	7.3E-08	1.6E-01	5.5E-02	6.3E-10	1.7E+00	1.4E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.1E-11
9.6E+00	1.3E-05	1.0E-03	1.3E-07	1.6E-01	5.5E-02	1.1E-09	8.5E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11
5.1E+00	1.3E-05	1.0E-03	6.8E-08	1.6E-01	5.5E-02	5.9E-10	6.9E-01	1.4E-06	1.0E-03	9.9E-10	1.6E-01	5.5E-02	8.5E-12
3.2E+00	1.3E-05	1.0E-03	4.2E-08	1.6E-01	5.5E-02	3.6E-10	5.7E-01	1.4E-06	1.0E-03	8.1E-10	1.6E-01	5.5E-02	7.0E-12
2.1E+00	1.3E-05	1.0E-03	2.9E-08	1.6E-01	5.5E-02	2.5E-10	4.7E-01	1.4E-06	1.0E-03	6.7E-10	1.6E-01	5.5E-02	5.8E-12
1.5E+00	1.3E-05	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	3.9E-01	1.4E-06	1.0E-03	5.6E-10	1.6E-01	5.5E-02	4.9E-12
1.2E+00	1.3E-05	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	3.3E-01	1.4E-06	1.0E-03	4.8E-10	1.6E-01	5.5E-02	4.1E-12
9.0E-01	1.3E-05	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	2.9E-01	1.4E-06	1.0E-03	4.1E-10	1.6E-01	5.5E-02	3.5E-12
6.6E-01	1.3E-05	1.0E-03	8.8E-09	1.6E-01	5.5E-02	7.6E-11	1.1E+00	1.4E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.3E-11
9.1E-01	1.3E-05	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	1.2E+00	1.4E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.5E-11
1.4E+00	1.3E-05	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.6E-10	1.2E+00	1.4E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.5E-11
2.2E+00	1.3E-05	1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.5E-10	1.3E+00	1.4E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.5E-11
4.1E+00	1.3E-05	1.0E-03	5.4E-08	1.6E-01	5.5E-02	4.7E-10	1.2E+00	1.4E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.5E-11
6.4E+00	1.3E-05	1.0E-03	8.6E-08	1.6E-01	5.5E-02	7.4E-10	7.2E-01	1.4E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	8.9E-12
3.9E+00	1.3E-05	1.0E-03	5.1E-08	1.6E-01	5.5E-02	4.4E-10	6.1E-01	1.4E-06	1.0E-03	8.7E-10	1.6E-01	5.5E-02	7.5E-12

2.5E+00	1.3E-05	1.0E-03	3.3E-08	1.6E-01	5.5E-02	2.9E-10	5.1E-01	1.4E-06	1.0E-03	7.3E-10	1.6E-01	5.5E-02	6.3E-12
1.8E+00	1.3E-05	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.0E-10	4.3E-01	1.4E-06	1.0E-03	6.2E-10	1.6E-01	5.5E-02	5.3E-12
1.3E+00	1.3E-05	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10	3.7E-01	1.4E-06	1.0E-03	5.3E-10	1.6E-01	5.5E-02	4.5E-12
9.9E-01	1.3E-05	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	3.1E-01	1.4E-06	1.0E-03	4.5E-10	1.6E-01	5.5E-02	3.9E-12
7.8E-01	1.3E-05	1.0E-03	1.0E-08	1.6E-01	5.5E-02	9.0E-11	2.7E-01	1.4E-06	1.0E-03	3.9E-10	1.6E-01	5.5E-02	3.4E-12
6.1E-01	1.3E-05	1.0E-03	8.1E-09	1.6E-01	5.5E-02	7.0E-11	8.3E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11
8.2E-01	1.3E-05	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.4E-11	9.0E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
1.1E+00	1.3E-05	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	9.4E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.2E-11
1.7E+00	1.3E-05	1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	9.6E-01	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
2.7E+00	1.3E-05	1.0E-03	3.6E-08	1.6E-01	5.5E-02	3.1E-10	9.6E-01	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
4.2E+00	1.3E-05	1.0E-03	5.6E-08	1.6E-01	5.5E-02	4.8E-10	6.1E-01	1.4E-06	1.0E-03	8.8E-10	1.6E-01	5.5E-02	7.6E-12
2.8E+00	1.3E-05	1.0E-03	3.8E-08	1.6E-01	5.5E-02	3.3E-10	5.3E-01	1.4E-06	1.0E-03	7.6E-10	1.6E-01	5.5E-02	6.5E-12
2.0E+00	1.3E-05	1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10	4.6E-01	1.4E-06	1.0E-03	6.5E-10	1.6E-01	5.5E-02	5.6E-12
1.5E+00	1.3E-05	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	4.0E-01	1.4E-06	1.0E-03	5.7E-10	1.6E-01	5.5E-02	4.9E-12
1.1E+00	1.3E-05	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	3.4E-01	1.4E-06	1.0E-03	4.9E-10	1.6E-01	5.5E-02	4.2E-12
8.7E-01	1.3E-05	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	3.0E-01	1.4E-06	1.0E-03	4.2E-10	1.6E-01	5.5E-02	3.6E-12
6.9E-01	1.3E-05	1.0E-03	9.2E-09	1.6E-01	5.5E-02	7.9E-11	2.6E-01	1.4E-06	1.0E-03	3.7E-10	1.6E-01	5.5E-02	3.2E-12
5.4E-01	1.3E-05	1.0E-03	7.2E-09	1.6E-01	5.5E-02	6.2E-11	6.5E-01	1.4E-06	1.0E-03	9.4E-10	1.6E-01	5.5E-02	8.1E-12
7.0E-01	1.3E-05	1.0E-03	9.3E-09	1.6E-01	5.5E-02	8.0E-11	7.0E-01	1.4E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	8.7E-12
9.4E-01	1.3E-05	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	7.4E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.1E-12
1.3E+00	1.3E-05	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10	7.6E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.4E-12
1.9E+00	1.3E-05	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.1E-10	7.6E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.4E-12
3.0E+00	1.3E-05	1.0E-03	4.0E-08	1.6E-01	5.5E-02	3.4E-10	5.3E-01	1.4E-06	1.0E-03	7.6E-10	1.6E-01	5.5E-02	6.6E-12
2.2E+00	1.3E-05	1.0E-03	2.9E-08	1.6E-01	5.5E-02	2.5E-10	4.7E-01	1.4E-06	1.0E-03	6.7E-10	1.6E-01	5.5E-02	5.8E-12
1.6E+00	1.3E-05	1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	4.1E-01	1.4E-06	1.0E-03	5.8E-10	1.6E-01	5.5E-02	5.0E-12
1.3E+00	1.3E-05	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10	3.6E-01	1.4E-06	1.0E-03	5.2E-10	1.6E-01	5.5E-02	4.5E-12
9.8E-01	1.3E-05	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	3.2E-01	1.4E-06	1.0E-03	4.5E-10	1.6E-01	5.5E-02	3.9E-12
7.8E-01	1.3E-05	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.9E-11	2.8E-01	1.4E-06	1.0E-03	4.0E-10	1.6E-01	5.5E-02	3.4E-12
6.3E-01	1.3E-05	1.0E-03	8.3E-09	1.6E-01	5.5E-02	7.2E-11	2.4E-01	1.4E-06	1.0E-03	3.5E-10	1.6E-01	5.5E-02	3.0E-12
4.7E-01	1.3E-05	1.0E-03	6.3E-09	1.6E-01	5.5E-02	5.4E-11	5.3E-01	1.4E-06	1.0E-03	7.6E-10	1.6E-01	5.5E-02	6.5E-12
5.9E-01	1.3E-05	1.0E-03	7.9E-09	1.6E-01	5.5E-02	6.8E-11	5.7E-01	1.4E-06	1.0E-03	8.1E-10	1.6E-01	5.5E-02	7.0E-12
7.6E-01	1.3E-05	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.7E-11	6.0E-01	1.4E-06	1.0E-03	8.5E-10	1.6E-01	5.5E-02	7.3E-12
1.0E+00	1.3E-05	1.0E-03	1.3E-08	1.6E-01	5.5E-02	1.1E-10	6.1E-01	1.4E-06	1.0E-03	8.8E-10	1.6E-01	5.5E-02	7.5E-12
1.4E+00	1.3E-05	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.6E-10	6.2E-01	1.4E-06	1.0E-03	8.8E-10	1.6E-01	5.5E-02	7.6E-12
1.8E+00	1.3E-05	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	6.1E-01	1.4E-06	1.0E-03	8.7E-10	1.6E-01	5.5E-02	7.5E-12
2.2E+00	1.3E-05	1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.6E-10	5.8E-01	1.4E-06	1.0E-03	8.3E-10	1.6E-01	5.5E-02	7.2E-12
2.5E+00	1.3E-05	1.0E-03	3.3E-08	1.6E-01	5.5E-02	2.8E-10	5.5E-01	1.4E-06	1.0E-03	7.9E-10	1.6E-01	5.5E-02	6.8E-12
2.4E+00	1.3E-05	1.0E-03	3.2E-08	1.6E-01	5.5E-02	2.8E-10	5.1E-01	1.4E-06	1.0E-03	7.3E-10	1.6E-01	5.5E-02	6.3E-12
2.1E+00	1.3E-05	1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.4E-10	4.6E-01	1.4E-06	1.0E-03	6.6E-10	1.6E-01	5.5E-02	5.7E-12
1.7E+00	1.3E-05	1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	4.2E-01	1.4E-06	1.0E-03	6.0E-10	1.6E-01	5.5E-02	5.1E-12
1.3E+00	1.3E-05	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.5E-10	3.7E-01	1.4E-06	1.0E-03	5.2E-10	1.6E-01	5.5E-02	4.5E-12
1.1E+00	1.3E-05	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	3.2E-01	1.4E-06	1.0E-03	4.6E-10	1.6E-01	5.5E-02	4.0E-12
8.7E-01	1.3E-05	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	2.9E-01	1.4E-06	1.0E-03	4.2E-10	1.6E-01	5.5E-02	3.6E-12
7.0E-01	1.3E-05	1.0E-03	9.4E-09	1.6E-01	5.5E-02	8.1E-11	2.6E-01	1.4E-06	1.0E-03	3.7E-10	1.6E-01	5.5E-02	3.2E-12
5.7E-01	1.3E-05	1.0E-03	7.7E-09	1.6E-01	5.5E-02	6.6E-11	2.3E-01	1.4E-06	1.0E-03	3.3E-10	1.6E-01	5.5E-02	2.8E-12
4.1E-01	1.3E-05	1.0E-03	5.5E-09	1.6E-01	5.5E-02	4.7E-11	4.4E-01	1.4E-06	1.0E-03	6.3E-10	1.6E-01	5.5E-02	5.4E-12

5.0E-01	1.3E-05	1.0E-03	6.7E-09	1.6E-01	5.5E-02	5.8E-11	4.7E-01	1.4E-06	1.0E-03	6.7E-10	1.6E-01	5.5E-02	5.8E-12
6.2E-01	1.3E-05	1.0E-03	8.3E-09	1.6E-01	5.5E-02	7.1E-11	4.9E-01	1.4E-06	1.0E-03	7.0E-10	1.6E-01	5.5E-02	6.0E-12
8.0E-01	1.3E-05	1.0E-03	1.1E-08	1.6E-01	5.5E-02	9.1E-11	5.0E-01	1.4E-06	1.0E-03	7.2E-10	1.6E-01	5.5E-02	6.2E-12
1.0E+00	1.3E-05	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	5.1E-01	1.4E-06	1.0E-03	7.3E-10	1.6E-01	5.5E-02	6.3E-12
1.3E+00	1.3E-05	1.0E-03	1.7E-08	1.6E-01	5.5E-02	1.5E-10	5.0E-01	1.4E-06	1.0E-03	7.2E-10	1.6E-01	5.5E-02	6.2E-12
1.5E+00	1.3E-05	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	4.9E-01	1.4E-06	1.0E-03	7.0E-10	1.6E-01	5.5E-02	6.0E-12
1.7E+00	1.3E-05	1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	4.7E-01	1.4E-06	1.0E-03	6.7E-10	1.6E-01	5.5E-02	5.7E-12
1.7E+00	1.3E-05	1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	4.4E-01	1.4E-06	1.0E-03	6.3E-10	1.6E-01	5.5E-02	5.4E-12
1.6E+00	1.3E-05	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	4.0E-01	1.4E-06	1.0E-03	5.8E-10	1.6E-01	5.5E-02	5.0E-12
1.4E+00	1.3E-05	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.6E-10	3.7E-01	1.4E-06	1.0E-03	5.3E-10	1.6E-01	5.5E-02	4.6E-12
1.1E+00	1.3E-05	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	3.3E-01	1.4E-06	1.0E-03	4.8E-10	1.6E-01	5.5E-02	4.1E-12
9.0E-01	1.3E-05	1.0E-03	1.2E-08	1.6E-01	5.5E-02	1.0E-10	2.9E-01	1.4E-06	1.0E-03	4.2E-10	1.6E-01	5.5E-02	3.6E-12
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4.3E-01	1.3E-05	1.0E-03	5.7E-09	1.6E-01	5.5E-02	5.0E-11	3.9E-01	1.4E-06	1.0E-03	5.6E-10	1.6E-01	5.5E-02	4.8E-12
5.3E-01	1.3E-05	1.0E-03	7.0E-09	1.6E-01	5.5E-02	6.0E-11	4.1E-01	1.4E-06	1.0E-03	5.9E-10	1.6E-01	5.5E-02	5.0E-12
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1.1E+00	1.3E-05	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	4.1E-01	1.4E-06	1.0E-03	5.9E-10	1.6E-01	5.5E-02	5.1E-12
1.2E+00	1.3E-05	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	4.0E-01	1.4E-06	1.0E-03	5.7E-10	1.6E-01	5.5E-02	4.9E-12
1.2E+00	1.3E-05	1.0E-03	1.6E-08	1.6E-01	5.5E-02	1.4E-10	3.8E-01	1.4E-06	1.0E-03	5.4E-10	1.6E-01	5.5E-02	4.7E-12
1.2E+00	1.3E-05	1.0E-03	1.5E-08	1.6E-01	5.5E-02	1.3E-10	3.5E-01	1.4E-06	1.0E-03	5.0E-10	1.6E-01	5.5E-02	4.3E-12
1.0E+00	1.3E-05	1.0E-03	1.4E-08	1.6E-01	5.5E-02	1.2E-10	3.2E-01	1.4E-06	1.0E-03	4.6E-10	1.6E-01	5.5E-02	4.0E-12
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7.8E-01	1.3E-05	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.9E-11	2.7E-01	1.4E-06	1.0E-03	3.9E-10	1.6E-01	5.5E-02	3.3E-12
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5.7E-01	1.3E-05	1.0E-03	7.6E-09	1.6E-01	5.5E-02	6.6E-11	2.3E-01	1.4E-06	1.0E-03	3.2E-10	1.6E-01	5.5E-02	2.8E-12
4.9E-01	1.3E-05	1.0E-03	6.5E-09	1.6E-01	5.5E-02	5.6E-11	2.1E-01	1.4E-06	1.0E-03	2.9E-10	1.6E-01	5.5E-02	2.5E-12
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7.7E-01	1.3E-05	1.0E-03	1.0E-08	1.6E-01	5.5E-02	8.8E-11	2.7E-01	1.4E-06	1.0E-03	3.9E-10	1.6E-01	5.5E-02	3.3E-12
6.8E-01	1.3E-05	1.0E-03	9.1E-09	1.6E-01	5.5E-02	7.8E-11	2.5E-01	1.4E-06	1.0E-03	3.6E-10	1.6E-01	5.5E-02	3.1E-12
5.6E-01	1.3E-05	1.0E-03	7.5E-09	1.6E-01	5.5E-02	6.5E-11	2.2E-01	1.4E-06	1.0E-03	3.2E-10	1.6E-01	5.5E-02	2.7E-12
4.9E-01	1.3E-05	1.0E-03	6.5E-09	1.6E-01	5.5E-02	5.6E-11	2.0E-01	1.4E-06	1.0E-03	2.9E-10	1.6E-01	5.5E-02	2.5E-12

4.5E-01	1.3E-05	1.0E-03	5.9E-09	1.6E-01	5.5E-02	5.1E-11	1.9E-01	1.4E-06	1.0E-03	2.7E-10	1.6E-01	5.5E-02	2.4E-12
2.8E-01	1.3E-05	1.0E-03	3.8E-09	1.6E-01	5.5E-02	3.2E-11	2.7E-01	1.4E-06	1.0E-03	3.9E-10	1.6E-01	5.5E-02	3.3E-12
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5.9E-01	1.3E-05	1.0E-03	7.9E-09	1.6E-01	5.5E-02	6.8E-11	3.1E-01	1.4E-06	1.0E-03	4.4E-10	1.6E-01	5.5E-02	3.8E-12
6.6E-01	1.3E-05	1.0E-03	8.8E-09	1.6E-01	5.5E-02	7.5E-11	3.1E-01	1.4E-06	1.0E-03	4.4E-10	1.6E-01	5.5E-02	3.8E-12
7.0E-01	1.3E-05	1.0E-03	9.4E-09	1.6E-01	5.5E-02	8.1E-11	3.0E-01	1.4E-06	1.0E-03	4.3E-10	1.6E-01	5.5E-02	3.7E-12
7.2E-01	1.3E-05	1.0E-03	9.6E-09	1.6E-01	5.5E-02	8.3E-11	2.9E-01	1.4E-06	1.0E-03	4.1E-10	1.6E-01	5.5E-02	3.6E-12
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6.4E-01	1.3E-05	1.0E-03	8.5E-09	1.6E-01	5.5E-02	7.3E-11	2.4E-01	1.4E-06	1.0E-03	3.5E-10	1.6E-01	5.5E-02	3.0E-12
5.8E-01	1.3E-05	1.0E-03	7.8E-09	1.6E-01	5.5E-02	6.7E-11	2.3E-01	1.4E-06	1.0E-03	3.3E-10	1.6E-01	5.5E-02	2.8E-12
5.2E-01	1.3E-05	1.0E-03	6.9E-09	1.6E-01	5.5E-02	6.0E-11	2.1E-01	1.4E-06	1.0E-03	3.0E-10	1.6E-01	5.5E-02	2.6E-12
4.3E-01	1.3E-05	1.0E-03	5.8E-09	1.6E-01	5.5E-02	5.0E-11	1.9E-01	1.4E-06	1.0E-03	2.7E-10	1.6E-01	5.5E-02	2.3E-12
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4.3E-01	1.3E-05	1.0E-03	5.8E-09	1.6E-01	5.5E-02	5.0E-11	2.7E-01	1.4E-06	1.0E-03	3.9E-10	1.6E-01	5.5E-02	3.3E-12
4.9E-01	1.3E-05	1.0E-03	6.5E-09	1.6E-01	5.5E-02	5.6E-11	2.7E-01	1.4E-06	1.0E-03	3.9E-10	1.6E-01	5.5E-02	3.3E-12
5.3E-01	1.3E-05	1.0E-03	7.1E-09	1.6E-01	5.5E-02	6.1E-11	2.7E-01	1.4E-06	1.0E-03	3.8E-10	1.6E-01	5.5E-02	3.3E-12
5.6E-01	1.3E-05	1.0E-03	7.5E-09	1.6E-01	5.5E-02	6.5E-11	2.6E-01	1.4E-06	1.0E-03	3.8E-10	1.6E-01	5.5E-02	3.2E-12
5.8E-01	1.3E-05	1.0E-03	7.7E-09	1.6E-01	5.5E-02	6.7E-11	2.5E-01	1.4E-06	1.0E-03	3.6E-10	1.6E-01	5.5E-02	3.1E-12
5.8E-01	1.3E-05	1.0E-03	7.7E-09	1.6E-01	5.5E-02	6.6E-11	2.4E-01	1.4E-06	1.0E-03	3.5E-10	1.6E-01	5.5E-02	3.0E-12
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5.3E-01	1.3E-05	1.0E-03	7.1E-09	1.6E-01	5.5E-02	6.1E-11	2.2E-01	1.4E-06	1.0E-03	3.2E-10	1.6E-01	5.5E-02	2.7E-12
5.0E-01	1.3E-05	1.0E-03	6.6E-09	1.6E-01	5.5E-02	5.7E-11	2.1E-01	1.4E-06	1.0E-03	3.0E-10	1.6E-01	5.5E-02	2.6E-12
4.5E-01	1.3E-05	1.0E-03	6.1E-09	1.6E-01	5.5E-02	5.2E-11	1.9E-01	1.4E-06	1.0E-03	2.8E-10	1.6E-01	5.5E-02	2.4E-12
4.0E-01	1.3E-05	1.0E-03	5.4E-09	1.6E-01	5.5E-02	4.6E-11	1.8E-01	1.4E-06	1.0E-03	2.6E-10	1.6E-01	5.5E-02	2.2E-12
3.4E-01	1.3E-05	1.0E-03	4.6E-09	1.6E-01	5.5E-02	3.9E-11	1.6E-01	1.4E-06	1.0E-03	2.3E-10	1.6E-01	5.5E-02	2.0E-12
2.2E-01	1.3E-05	1.0E-03	3.0E-09	1.6E-01	5.5E-02	2.6E-11	2.1E-01	1.4E-06	1.0E-03	3.0E-10	1.6E-01	5.5E-02	2.6E-12
2.5E-01	1.3E-05	1.0E-03	3.4E-09	1.6E-01	5.5E-02	2.9E-11	2.2E-01	1.4E-06	1.0E-03	3.1E-10	1.6E-01	5.5E-02	2.7E-12
2.9E-01	1.3E-05	1.0E-03	3.8E-09	1.6E-01	5.5E-02	3.3E-11	2.3E-01	1.4E-06	1.0E-03	3.3E-10	1.6E-01	5.5E-02	2.8E-12
3.3E-01	1.3E-05	1.0E-03	4.3E-09	1.6E-01	5.5E-02	3.7E-11	2.3E-01	1.4E-06	1.0E-03	3.3E-10	1.6E-01	5.5E-02	2.9E-12
3.7E-01	1.3E-05	1.0E-03	4.9E-09	1.6E-01	5.5E-02	4.2E-11	2.4E-01	1.4E-06	1.0E-03	3.4E-10	1.6E-01	5.5E-02	2.9E-12
4.0E-01	1.3E-05	1.0E-03	5.4E-09	1.6E-01	5.5E-02	4.6E-11	2.4E-01	1.4E-06	1.0E-03	3.4E-10	1.6E-01	5.5E-02	2.9E-12
4.4E-01	1.3E-05	1.0E-03	5.8E-09	1.6E-01	5.5E-02	5.0E-11	2.4E-01	1.4E-06	1.0E-03	3.4E-10	1.6E-01	5.5E-02	2.9E-12
4.6E-01	1.3E-05	1.0E-03	6.2E-09	1.6E-01	5.5E-02	5.3E-11	2.3E-01	1.4E-06	1.0E-03	3.3E-10	1.6E-01	5.5E-02	2.9E-12
4.8E-01	1.3E-05	1.0E-03	6.3E-09	1.6E-01	5.5E-02	5.5E-11	2.3E-01	1.4E-06	1.0E-03	3.2E-10	1.6E-01	5.5E-02	2.8E-12
4.8E-01	1.3E-05	1.0E-03	6.4E-09	1.6E-01	5.5E-02	5.5E-11	2.2E-01	1.4E-06	1.0E-03	3.1E-10	1.6E-01	5.5E-02	2.7E-12
4.7E-01	1.3E-05	1.0E-03	6.2E-09	1.6E-01	5.5E-02	5.4E-11	2.1E-01	1.4E-06	1.0E-03	3.0E-10	1.6E-01	5.5E-02	2.6E-12
4.5E-01	1.3E-05	1.0E-03	6.0E-09	1.6E-01	5.5E-02	5.2E-11	2.0E-01	1.4E-06	1.0E-03	2.9E-10	1.6E-01	5.5E-02	2.5E-12
4.3E-01	1.3E-05	1.0E-03	5.7E-09	1.6E-01	5.5E-02	4.9E-11	1.9E-01	1.4E-06	1.0E-03	2.7E-10	1.6E-01	5.5E-02	2.3E-12

4.0E-01	1.3E-05	1.0E-03	5.3E-09	1.6E-01	5.5E-02	4.5E-11	1.8E-01	1.4E-06	1.0E-03	2.6E-10	1.6E-01	5.5E-02	2.2E-12
3.6E-01	1.3E-05	1.0E-03	4.8E-09	1.6E-01	5.5E-02	4.1E-11	1.7E-01	1.4E-06	1.0E-03	2.4E-10	1.6E-01	5.5E-02	2.1E-12
3.1E-01	1.3E-05	1.0E-03	4.2E-09	1.6E-01	5.5E-02	3.6E-11	1.5E-01	1.4E-06	1.0E-03	2.2E-10	1.6E-01	5.5E-02	1.9E-12
1.4E+01	1.3E-05	1.0E-03	1.9E-07	1.6E-01	5.5E-02	1.6E-09	2.2E+00	1.4E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-02	2.7E-11
1.8E+01	1.3E-05	1.0E-03	2.4E-07	1.6E-01	5.5E-02	2.1E-09	2.2E+00	1.4E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-02	2.7E-11
2.4E+01	1.3E-05	1.0E-03	3.2E-07	1.6E-01	5.5E-02	2.8E-09	2.1E+00	1.4E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-02	2.6E-11
3.2E+01	1.3E-05	1.0E-03	4.3E-07	1.6E-01	5.5E-02	3.7E-09	2.1E+00	1.4E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-02	2.5E-11
4.2E+01	1.3E-05	1.0E-03	5.7E-07	1.6E-01	5.5E-02	4.9E-09	2.0E+00	1.4E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-02	2.5E-11
5.4E+01	1.3E-05	1.0E-03	7.2E-07	1.6E-01	5.5E-02	6.2E-09	1.9E+00	1.4E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-02	2.4E-11
6.3E+01	1.3E-05	1.0E-03	8.4E-07	1.6E-01	5.5E-02	7.2E-09	1.9E+00	1.4E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-02	2.3E-11
6.8E+01	1.3E-05	1.0E-03	9.1E-07	1.6E-01	5.5E-02	7.8E-09	1.8E+00	1.4E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-02	2.2E-11
7.0E+01	1.3E-05	1.0E-03	9.3E-07	1.6E-01	5.5E-02	8.0E-09	1.7E+00	1.4E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-02	2.2E-11
6.8E+01	1.3E-05	1.0E-03	9.0E-07	1.6E-01	5.5E-02	7.8E-09	1.7E+00	1.4E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.1E-11
6.1E+01	1.3E-05	1.0E-03	8.1E-07	1.6E-01	5.5E-02	6.9E-09	1.6E+00	1.4E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11
5.1E+01	1.3E-05	1.0E-03	6.8E-07	1.6E-01	5.5E-02	5.9E-09	1.5E+00	1.4E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11
4.2E+01	1.3E-05	1.0E-03	5.6E-07	1.6E-01	5.5E-02	4.8E-09	1.5E+00	1.4E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11
3.5E+01	1.3E-05	1.0E-03	4.6E-07	1.6E-01	5.5E-02	4.0E-09	1.4E+00	1.4E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-02	1.7E-11
2.9E+01	1.3E-05	1.0E-03	3.8E-07	1.6E-01	5.5E-02	3.3E-09	1.3E+00	1.4E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-02	1.7E-11
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2.0E+01	1.3E-05	1.0E-03	2.7E-07	1.6E-01	5.5E-02	2.3E-09	1.2E+00	1.4E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.5E-11
1.7E+01	1.3E-05	1.0E-03	2.3E-07	1.6E-01	5.5E-02	2.0E-09	1.2E+00	1.4E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.4E-11
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1.3E+01	1.3E-05	1.0E-03	1.7E-07	1.6E-01	5.5E-02	1.4E-09	1.1E+00	1.4E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11
1.1E+01	1.3E-05	1.0E-03	1.5E-07	1.6E-01	5.5E-02	1.3E-09	1.0E+00	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
9.6E+00	1.3E-05	1.0E-03	1.3E-07	1.6E-01	5.5E-02	1.1E-09	9.5E-01	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
8.5E+00	1.3E-05	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.7E-10	9.1E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
7.5E+00	1.3E-05	1.0E-03	1.0E-07	1.6E-01	5.5E-02	8.6E-10	8.7E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.1E-11
6.7E+00	1.3E-05	1.0E-03	8.9E-08	1.6E-01	5.5E-02	7.7E-10	8.3E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11
6.0E+00	1.3E-05	1.0E-03	8.0E-08	1.6E-01	5.5E-02	6.9E-10	7.9E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.7E-12
1.6E+01	1.3E-05	1.0E-03	2.2E-07	1.6E-01	5.5E-02	1.9E-09	2.0E+00	1.4E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-02	2.5E-11
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4.3E+01	1.3E-05	1.0E-03	5.7E-07	1.6E-01	5.5E-02	4.9E-09	1.9E+00	1.4E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-02	2.4E-11
1.5E+01	1.3E-05	1.0E-03	2.0E-07	1.6E-01	5.5E-02	1.8E-09	1.9E+00	1.4E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-02	2.3E-11
2.2E+01	1.3E-05	1.0E-03	2.9E-07	1.6E-01	5.5E-02	2.5E-09	1.8E+00	1.4E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-02	2.2E-11
3.2E+01	1.3E-05	1.0E-03	4.2E-07	1.6E-01	5.5E-02	3.6E-09	1.8E+00	1.4E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-02	2.2E-11
4.6E+01	1.3E-05	1.0E-03	6.2E-07	1.6E-01	5.5E-02	5.3E-09	1.7E+00	1.4E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.1E-11
4.7E+01	1.3E-05	1.0E-03	6.3E-07	1.6E-01	5.5E-02	5.4E-09	1.6E+00	1.4E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.0E-11
3.5E+01	1.3E-05	1.0E-03	4.7E-07	1.6E-01	5.5E-02	4.0E-09	1.6E+00	1.4E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11
2.6E+01	1.3E-05	1.0E-03	3.5E-07	1.6E-01	5.5E-02	3.0E-09	1.5E+00	1.4E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11
6.8E+01	1.3E-05	1.0E-03	9.1E-07	1.6E-01	5.5E-02	7.8E-09	1.5E+00	1.4E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11
5.2E+01	1.3E-05	1.0E-03	6.9E-07	1.6E-01	5.5E-02	5.9E-09	1.4E+00	1.4E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-02	1.7E-11
4.0E+01	1.3E-05	1.0E-03	5.3E-07	1.6E-01	5.5E-02	4.6E-09	1.3E+00	1.4E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-02	1.7E-11
3.2E+01	1.3E-05	1.0E-03	4.2E-07	1.6E-01	5.5E-02	3.6E-09	1.3E+00	1.4E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.6E-11
2.6E+01	1.3E-05	1.0E-03	3.4E-07	1.6E-01	5.5E-02	2.9E-09	1.2E+00	1.4E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.5E-11
2.1E+01	1.3E-05	1.0E-03	2.8E-07	1.6E-01	5.5E-02	2.4E-09	1.2E+00	1.4E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.4E-11

1.8E+01	1.3E-05	1.0E-03	2.3E-07	1.6E-01	5.5E-02	2.0E-09	1.1E+00	1.4E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.4E-11
1.5E+01	1.3E-05	1.0E-03	2.0E-07	1.6E-01	5.5E-02	1.7E-09	1.1E+00	1.4E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11
1.3E+01	1.3E-05	1.0E-03	1.7E-07	1.6E-01	5.5E-02	1.5E-09	1.0E+00	1.4E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11
1.1E+01	1.3E-05	1.0E-03	1.5E-07	1.6E-01	5.5E-02	1.3E-09	9.7E-01	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
9.6E+00	1.3E-05	1.0E-03	1.3E-07	1.6E-01	5.5E-02	1.1E-09	9.2E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
8.4E+00	1.3E-05	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.6E-10	8.8E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
7.4E+00	1.3E-05	1.0E-03	9.9E-08	1.6E-01	5.5E-02	8.5E-10	8.4E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11
6.6E+00	1.3E-05	1.0E-03	8.8E-08	1.6E-01	5.5E-02	7.6E-10	8.0E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	9.9E-12
5.9E+00	1.3E-05	1.0E-03	7.9E-08	1.6E-01	5.5E-02	6.8E-10	7.7E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.5E-12
1.8E+01	1.3E-05	1.0E-03	2.4E-07	1.6E-01	5.5E-02	2.1E-09	1.9E+00	1.4E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-02	2.3E-11
2.5E+01	1.3E-05	1.0E-03	3.3E-07	1.6E-01	5.5E-02	2.9E-09	1.9E+00	1.4E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-02	2.3E-11
3.7E+01	1.3E-05	1.0E-03	4.9E-07	1.6E-01	5.5E-02	4.2E-09	1.8E+00	1.4E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-02	2.3E-11
5.7E+01	1.3E-05	1.0E-03	7.5E-07	1.6E-01	5.5E-02	6.5E-09	1.8E+00	1.4E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-02	2.2E-11
1.8E+01	1.3E-05	1.0E-03	2.4E-07	1.6E-01	5.5E-02	2.1E-09	1.7E+00	1.4E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-02	2.2E-11
2.7E+01	1.3E-05	1.0E-03	3.6E-07	1.6E-01	5.5E-02	3.1E-09	1.7E+00	1.4E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.1E-11
4.4E+01	1.3E-05	1.0E-03	5.8E-07	1.6E-01	5.5E-02	5.0E-09	1.7E+00	1.4E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.0E-11
0.0E+00	1.3E-05	1.0E-03	0.0E+00	1.6E-01	5.5E-02	0.0E+00	1.6E+00	1.4E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11
0.0E+00	1.3E-05	1.0E-03	0.0E+00	1.6E-01	5.5E-02	0.0E+00	1.6E+00	1.4E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11
4.3E+01	1.3E-05	1.0E-03	5.8E-07	1.6E-01	5.5E-02	5.0E-09	1.5E+00	1.4E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11
3.0E+01	1.3E-05	1.0E-03	4.0E-07	1.6E-01	5.5E-02	3.5E-09	1.4E+00	1.4E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11
2.2E+01	1.3E-05	1.0E-03	3.0E-07	1.6E-01	5.5E-02	2.6E-09	1.4E+00	1.4E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-02	1.7E-11
6.1E+01	1.3E-05	1.0E-03	8.2E-07	1.6E-01	5.5E-02	7.0E-09	1.3E+00	1.4E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-02	1.6E-11
4.4E+01	1.3E-05	1.0E-03	5.9E-07	1.6E-01	5.5E-02	5.1E-09	1.3E+00	1.4E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.6E-11
3.4E+01	1.3E-05	1.0E-03	4.5E-07	1.6E-01	5.5E-02	3.9E-09	1.2E+00	1.4E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.5E-11
2.7E+01	1.3E-05	1.0E-03	3.6E-07	1.6E-01	5.5E-02	3.1E-09	1.2E+00	1.4E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.4E-11
2.2E+01	1.3E-05	1.0E-03	2.9E-07	1.6E-01	5.5E-02	2.5E-09	1.1E+00	1.4E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.4E-11
1.8E+01	1.3E-05	1.0E-03	2.4E-07	1.6E-01	5.5E-02	2.0E-09	1.1E+00	1.4E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11
1.5E+01	1.3E-05	1.0E-03	2.0E-07	1.6E-01	5.5E-02	1.7E-09	1.0E+00	1.4E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11
1.3E+01	1.3E-05	1.0E-03	1.7E-07	1.6E-01	5.5E-02	1.5E-09	9.8E-01	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
1.1E+01	1.3E-05	1.0E-03	1.4E-07	1.6E-01	5.5E-02	1.2E-09	9.4E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.2E-11
9.4E+00	1.3E-05	1.0E-03	1.3E-07	1.6E-01	5.5E-02	1.1E-09	9.0E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
8.2E+00	1.3E-05	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.5E-10	8.6E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.1E-11
7.3E+00	1.3E-05	1.0E-03	9.7E-08	1.6E-01	5.5E-02	8.3E-10	8.2E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11
6.5E+00	1.3E-05	1.0E-03	8.6E-08	1.6E-01	5.5E-02	7.4E-10	7.8E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.6E-12
5.8E+00	1.3E-05	1.0E-03	7.7E-08	1.6E-01	5.5E-02	6.6E-10	7.5E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.2E-12
1.9E+01	1.3E-05	1.0E-03	2.5E-07	1.6E-01	5.5E-02	2.2E-09	1.8E+00	1.4E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-02	2.2E-11
2.7E+01	1.3E-05	1.0E-03	3.6E-07	1.6E-01	5.5E-02	3.1E-09	1.8E+00	1.4E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-02	2.2E-11
4.1E+01	1.3E-05	1.0E-03	5.5E-07	1.6E-01	5.5E-02	4.7E-09	1.7E+00	1.4E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-02	2.1E-11
1.3E+01	1.3E-05	1.0E-03	1.7E-07	1.6E-01	5.5E-02	1.5E-09	1.7E+00	1.4E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.1E-11
2.0E+01	1.3E-05	1.0E-03	2.6E-07	1.6E-01	5.5E-02	2.3E-09	1.6E+00	1.4E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11
3.1E+01	1.3E-05	1.0E-03	4.1E-07	1.6E-01	5.5E-02	3.6E-09	1.6E+00	1.4E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11
0.0E+00	1.3E-05	1.0E-03	0.0E+00	1.6E-01	5.5E-02	0.0E+00	1.6E+00	1.4E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11
0.0E+00	1.3E-05	1.0E-03	0.0E+00	1.6E-01	5.5E-02	0.0E+00	1.5E+00	1.4E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11
0.0E+00	1.3E-05	1.0E-03	0.0E+00	1.6E-01	5.5E-02	0.0E+00	1.5E+00	1.4E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11
5.0E+01	1.3E-05	1.0E-03	6.6E-07	1.6E-01	5.5E-02	5.7E-09	1.4E+00	1.4E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-02	1.7E-11
3.2E+01	1.3E-05	1.0E-03	4.3E-07	1.6E-01	5.5E-02	3.7E-09	1.4E+00	1.4E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-02	1.7E-11

2.3E+01	1.3E-05	1.0E-03	3.1E-07	1.6E-01	5.5E-02	2.6E-09	1.3E+00	1.4E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-02	1.6E-11
6.8E+01	1.3E-05	1.0E-03	9.1E-07	1.6E-01	5.5E-02	7.8E-09	1.3E+00	1.4E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.6E-11
4.6E+01	1.3E-05	1.0E-03	6.2E-07	1.6E-01	5.5E-02	5.3E-09	1.2E+00	1.4E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.5E-11
3.4E+01	1.3E-05	1.0E-03	4.6E-07	1.6E-01	5.5E-02	3.9E-09	1.2E+00	1.4E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.4E-11
2.7E+01	1.3E-05	1.0E-03	3.6E-07	1.6E-01	5.5E-02	3.1E-09	1.1E+00	1.4E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.4E-11
2.1E+01	1.3E-05	1.0E-03	2.9E-07	1.6E-01	5.5E-02	2.5E-09	1.1E+00	1.4E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11
1.8E+01	1.3E-05	1.0E-03	2.3E-07	1.6E-01	5.5E-02	2.0E-09	1.0E+00	1.4E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11
1.5E+01	1.3E-05	1.0E-03	1.9E-07	1.6E-01	5.5E-02	1.7E-09	9.9E-01	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
1.2E+01	1.3E-05	1.0E-03	1.6E-07	1.6E-01	5.5E-02	1.4E-09	9.5E-01	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
1.1E+01	1.3E-05	1.0E-03	1.4E-07	1.6E-01	5.5E-02	1.2E-09	9.1E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
9.2E+00	1.3E-05	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09	8.7E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.1E-11
8.0E+00	1.3E-05	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.2E-10	8.3E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11
7.0E+00	1.3E-05	1.0E-03	9.4E-08	1.6E-01	5.5E-02	8.1E-10	7.9E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.8E-12
6.3E+00	1.3E-05	1.0E-03	8.3E-08	1.6E-01	5.5E-02	7.2E-10	7.6E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.4E-12
5.6E+00	1.3E-05	1.0E-03	7.4E-08	1.6E-01	5.5E-02	6.4E-10	7.3E-01	1.4E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	9.0E-12
1.9E+01	1.3E-05	1.0E-03	2.5E-07	1.6E-01	5.5E-02	2.2E-09	1.7E+00	1.4E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.1E-11
2.7E+01	1.3E-05	1.0E-03	3.6E-07	1.6E-01	5.5E-02	3.1E-09	1.6E+00	1.4E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-02	2.0E-11
4.2E+01	1.3E-05	1.0E-03	5.6E-07	1.6E-01	5.5E-02	4.8E-09	1.6E+00	1.4E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	2.0E-11
1.3E+01	1.3E-05	1.0E-03	1.8E-07	1.6E-01	5.5E-02	1.5E-09	1.6E+00	1.4E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-02	1.9E-11
2.0E+01	1.3E-05	1.0E-03	2.6E-07	1.6E-01	5.5E-02	2.3E-09	1.5E+00	1.4E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11
2.1E+01	1.3E-05	1.0E-03	2.7E-07	1.6E-01	5.5E-02	2.4E-09	1.0E+00	1.4E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11
1.7E+01	1.3E-05	1.0E-03	2.2E-07	1.6E-01	5.5E-02	1.9E-09	1.0E+00	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
1.4E+01	1.3E-05	1.0E-03	1.9E-07	1.6E-01	5.5E-02	1.6E-09	9.5E-01	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
1.2E+01	1.3E-05	1.0E-03	1.6E-07	1.6E-01	5.5E-02	1.4E-09	9.2E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
1.0E+01	1.3E-05	1.0E-03	1.3E-07	1.6E-01	5.5E-02	1.2E-09	8.8E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
8.8E+00	1.3E-05	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09	8.4E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11
7.7E+00	1.3E-05	1.0E-03	1.0E-07	1.6E-01	5.5E-02	8.8E-10	8.1E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	9.9E-12
6.8E+00	1.3E-05	1.0E-03	9.0E-08	1.6E-01	5.5E-02	7.8E-10	7.7E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.5E-12
6.0E+00	1.3E-05	1.0E-03	8.0E-08	1.6E-01	5.5E-02	6.9E-10	7.4E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.1E-12
5.4E+00	1.3E-05	1.0E-03	7.2E-08	1.6E-01	5.5E-02	6.2E-10	7.1E-01	1.4E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	8.8E-12
1.8E+01	1.3E-05	1.0E-03	2.4E-07	1.6E-01	5.5E-02	2.1E-09	1.6E+00	1.4E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11
2.6E+01	1.3E-05	1.0E-03	3.4E-07	1.6E-01	5.5E-02	2.9E-09	1.5E+00	1.4E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11
3.8E+01	1.3E-05	1.0E-03	5.0E-07	1.6E-01	5.5E-02	4.3E-09	1.5E+00	1.4E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-02	1.9E-11
1.2E+01	1.3E-05	1.0E-03	1.7E-07	1.6E-01	5.5E-02	1.4E-09	1.5E+00	1.4E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11
1.8E+01	1.3E-05	1.0E-03	2.4E-07	1.6E-01	5.5E-02	2.1E-09	1.5E+00	1.4E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11
1.9E+01	1.3E-05	1.0E-03	2.5E-07	1.6E-01	5.5E-02	2.2E-09	1.0E+00	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
1.6E+01	1.3E-05	1.0E-03	2.1E-07	1.6E-01	5.5E-02	1.8E-09	9.6E-01	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
1.3E+01	1.3E-05	1.0E-03	1.8E-07	1.6E-01	5.5E-02	1.5E-09	9.2E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
1.1E+01	1.3E-05	1.0E-03	1.5E-07	1.6E-01	5.5E-02	1.3E-09	8.8E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
9.6E+00	1.3E-05	1.0E-03	1.3E-07	1.6E-01	5.5E-02	1.1E-09	8.5E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11
8.3E+00	1.3E-05	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.5E-10	8.1E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11
7.3E+00	1.3E-05	1.0E-03	9.7E-08	1.6E-01	5.5E-02	8.3E-10	7.8E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.6E-12
6.4E+00	1.3E-05	1.0E-03	8.6E-08	1.6E-01	5.5E-02	7.4E-10	7.5E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.2E-12
5.7E+00	1.3E-05	1.0E-03	7.6E-08	1.6E-01	5.5E-02	6.6E-10	7.2E-01	1.4E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	8.9E-12
5.1E+00	1.3E-05	1.0E-03	6.8E-08	1.6E-01	5.5E-02	5.9E-10	6.9E-01	1.4E-06	1.0E-03	9.9E-10	1.6E-01	5.5E-02	8.5E-12
1.6E+01	1.3E-05	1.0E-03	2.2E-07	1.6E-01	5.5E-02	1.9E-09	1.5E+00	1.4E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11

2.2E+01	1.3E-05	1.0E-03	2.9E-07	1.6E-01	5.5E-02	2.5E-09	1.5E+00	1.4E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-02	1.8E-11
3.1E+01	1.3E-05	1.0E-03	4.1E-07	1.6E-01	5.5E-02	3.6E-09	1.4E+00	1.4E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-02	1.8E-11
4.5E+01	1.3E-05	1.0E-03	6.0E-07	1.6E-01	5.5E-02	5.1E-09	1.4E+00	1.4E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-02	1.7E-11
1.5E+01	1.3E-05	1.0E-03	2.0E-07	1.6E-01	5.5E-02	1.8E-09	1.4E+00	1.4E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-02	1.7E-11
1.7E+01	1.3E-05	1.0E-03	2.3E-07	1.6E-01	5.5E-02	2.0E-09	9.6E-01	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
1.4E+01	1.3E-05	1.0E-03	1.9E-07	1.6E-01	5.5E-02	1.7E-09	9.2E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
1.2E+01	1.3E-05	1.0E-03	1.6E-07	1.6E-01	5.5E-02	1.4E-09	8.9E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
1.0E+01	1.3E-05	1.0E-03	1.4E-07	1.6E-01	5.5E-02	1.2E-09	8.5E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.1E-11
9.0E+00	1.3E-05	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09	8.2E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11
7.8E+00	1.3E-05	1.0E-03	1.0E-07	1.6E-01	5.5E-02	9.0E-10	7.9E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.7E-12
6.9E+00	1.3E-05	1.0E-03	9.1E-08	1.6E-01	5.5E-02	7.9E-10	7.6E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.4E-12
6.1E+00	1.3E-05	1.0E-03	8.1E-08	1.6E-01	5.5E-02	6.9E-10	7.3E-01	1.4E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	9.0E-12
5.4E+00	1.3E-05	1.0E-03	7.2E-08	1.6E-01	5.5E-02	6.2E-10	7.0E-01	1.4E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	8.6E-12
4.9E+00	1.3E-05	1.0E-03	6.5E-08	1.6E-01	5.5E-02	5.6E-10	6.7E-01	1.4E-06	1.0E-03	9.6E-10	1.6E-01	5.5E-02	8.3E-12
1.5E+01	1.3E-05	1.0E-03	1.9E-07	1.6E-01	5.5E-02	1.7E-09	1.4E+00	1.4E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-02	1.7E-11
1.9E+01	1.3E-05	1.0E-03	2.5E-07	1.6E-01	5.5E-02	2.1E-09	1.4E+00	1.4E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-02	1.7E-11
2.5E+01	1.3E-05	1.0E-03	3.3E-07	1.6E-01	5.5E-02	2.8E-09	1.4E+00	1.4E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-02	1.7E-11
3.3E+01	1.3E-05	1.0E-03	4.4E-07	1.6E-01	5.5E-02	3.8E-09	1.3E+00	1.4E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-02	1.6E-11
4.4E+01	1.3E-05	1.0E-03	5.8E-07	1.6E-01	5.5E-02	5.0E-09	1.3E+00	1.4E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-02	1.6E-11
1.5E+01	1.3E-05	1.0E-03	2.0E-07	1.6E-01	5.5E-02	1.8E-09	9.2E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
1.3E+01	1.3E-05	1.0E-03	1.7E-07	1.6E-01	5.5E-02	1.5E-09	8.9E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
1.1E+01	1.3E-05	1.0E-03	1.5E-07	1.6E-01	5.5E-02	1.3E-09	8.6E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.1E-11
9.6E+00	1.3E-05	1.0E-03	1.3E-07	1.6E-01	5.5E-02	1.1E-09	8.3E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11
8.3E+00	1.3E-05	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.5E-10	8.0E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.8E-12
7.3E+00	1.3E-05	1.0E-03	9.7E-08	1.6E-01	5.5E-02	8.4E-10	7.7E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.4E-12
6.4E+00	1.3E-05	1.0E-03	8.6E-08	1.6E-01	5.5E-02	7.4E-10	7.4E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.1E-12
5.7E+00	1.3E-05	1.0E-03	7.6E-08	1.6E-01	5.5E-02	6.5E-10	7.1E-01	1.4E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	8.7E-12
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4.6E+00	1.3E-05	1.0E-03	6.1E-08	1.6E-01	5.5E-02	5.3E-10	6.6E-01	1.4E-06	1.0E-03	9.4E-10	1.6E-01	5.5E-02	8.1E-12
1.3E+01	1.3E-05	1.0E-03	1.7E-07	1.6E-01	5.5E-02	1.4E-09	1.3E+00	1.4E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-02	1.6E-11
1.6E+01	1.3E-05	1.0E-03	2.1E-07	1.6E-01	5.5E-02	1.8E-09	1.3E+00	1.4E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-02	1.6E-11
2.0E+01	1.3E-05	1.0E-03	2.6E-07	1.6E-01	5.5E-02	2.2E-09	1.3E+00	1.4E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.6E-11
2.4E+01	1.3E-05	1.0E-03	3.3E-07	1.6E-01	5.5E-02	2.8E-09	1.3E+00	1.4E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.6E-11
3.0E+01	1.3E-05	1.0E-03	4.1E-07	1.6E-01	5.5E-02	3.5E-09	1.2E+00	1.4E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.5E-11
1.3E+01	1.3E-05	1.0E-03	1.8E-07	1.6E-01	5.5E-02	1.5E-09	8.9E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
1.2E+01	1.3E-05	1.0E-03	1.5E-07	1.6E-01	5.5E-02	1.3E-09	8.6E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.1E-11
1.0E+01	1.3E-05	1.0E-03	1.3E-07	1.6E-01	5.5E-02	1.1E-09	8.3E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11
8.7E+00	1.3E-05	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09	8.0E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.8E-12
7.7E+00	1.3E-05	1.0E-03	1.0E-07	1.6E-01	5.5E-02	8.8E-10	7.7E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.5E-12
6.8E+00	1.3E-05	1.0E-03	9.0E-08	1.6E-01	5.5E-02	7.7E-10	7.4E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.2E-12
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5.3E+00	1.3E-05	1.0E-03	7.1E-08	1.6E-01	5.5E-02	6.1E-10	6.9E-01	1.4E-06	1.0E-03	9.9E-10	1.6E-01	5.5E-02	8.5E-12
4.8E+00	1.3E-05	1.0E-03	6.4E-08	1.6E-01	5.5E-02	5.5E-10	6.6E-01	1.4E-06	1.0E-03	9.5E-10	1.6E-01	5.5E-02	8.2E-12
4.3E+00	1.3E-05	1.0E-03	5.8E-08	1.6E-01	5.5E-02	5.0E-10	6.4E-01	1.4E-06	1.0E-03	9.2E-10	1.6E-01	5.5E-02	7.9E-12
1.1E+01	1.3E-05	1.0E-03	1.4E-07	1.6E-01	5.5E-02	1.2E-09	1.2E+00	1.4E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.5E-11
1.3E+01	1.3E-05	1.0E-03	1.7E-07	1.6E-01	5.5E-02	1.5E-09	1.2E+00	1.4E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-02	1.5E-11

1.6E+01	1.3E-05	1.0E-03	2.1E-07	1.6E-01	5.5E-02	1.8E-09	1.2E+00	1.4E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.5E-11
1.9E+01	1.3E-05	1.0E-03	2.5E-07	1.6E-01	5.5E-02	2.2E-09	1.2E+00	1.4E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.5E-11
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1.2E+01	1.3E-05	1.0E-03	1.6E-07	1.6E-01	5.5E-02	1.3E-09	8.5E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.1E-11
1.0E+01	1.3E-05	1.0E-03	1.4E-07	1.6E-01	5.5E-02	1.2E-09	8.3E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11
9.0E+00	1.3E-05	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09	8.0E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.9E-12
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6.2E+00	1.3E-05	1.0E-03	8.3E-08	1.6E-01	5.5E-02	7.2E-10	7.2E-01	1.4E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	8.9E-12
5.6E+00	1.3E-05	1.0E-03	7.4E-08	1.6E-01	5.5E-02	6.4E-10	7.0E-01	1.4E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	8.6E-12
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4.5E+00	1.3E-05	1.0E-03	6.0E-08	1.6E-01	5.5E-02	5.2E-10	6.5E-01	1.4E-06	1.0E-03	9.3E-10	1.6E-01	5.5E-02	8.0E-12
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9.1E+00	1.3E-05	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09	1.2E+00	1.4E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.5E-11
1.1E+01	1.3E-05	1.0E-03	1.4E-07	1.6E-01	5.5E-02	1.2E-09	1.2E+00	1.4E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-02	1.4E-11
1.3E+01	1.3E-05	1.0E-03	1.7E-07	1.6E-01	5.5E-02	1.4E-09	1.2E+00	1.4E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.4E-11
1.5E+01	1.3E-05	1.0E-03	2.0E-07	1.6E-01	5.5E-02	1.7E-09	1.1E+00	1.4E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.4E-11
1.7E+01	1.3E-05	1.0E-03	2.3E-07	1.6E-01	5.5E-02	2.0E-09	1.1E+00	1.4E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.4E-11
1.0E+01	1.3E-05	1.0E-03	1.4E-07	1.6E-01	5.5E-02	1.2E-09	8.2E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11
9.1E+00	1.3E-05	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09	8.0E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.8E-12
8.1E+00	1.3E-05	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.3E-10	7.7E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.5E-12
7.2E+00	1.3E-05	1.0E-03	9.6E-08	1.6E-01	5.5E-02	8.3E-10	7.5E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.2E-12
6.4E+00	1.3E-05	1.0E-03	8.6E-08	1.6E-01	5.5E-02	7.4E-10	7.2E-01	1.4E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	8.9E-12
5.8E+00	1.3E-05	1.0E-03	7.7E-08	1.6E-01	5.5E-02	6.6E-10	7.0E-01	1.4E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	8.6E-12
5.2E+00	1.3E-05	1.0E-03	6.9E-08	1.6E-01	5.5E-02	6.0E-10	6.8E-01	1.4E-06	1.0E-03	9.7E-10	1.6E-01	5.5E-02	8.3E-12
4.7E+00	1.3E-05	1.0E-03	6.2E-08	1.6E-01	5.5E-02	5.4E-10	6.5E-01	1.4E-06	1.0E-03	9.3E-10	1.6E-01	5.5E-02	8.0E-12
4.2E+00	1.3E-05	1.0E-03	5.7E-08	1.6E-01	5.5E-02	4.9E-10	6.3E-01	1.4E-06	1.0E-03	9.0E-10	1.6E-01	5.5E-02	7.8E-12
3.9E+00	1.3E-05	1.0E-03	5.1E-08	1.6E-01	5.5E-02	4.4E-10	6.1E-01	1.4E-06	1.0E-03	8.7E-10	1.6E-01	5.5E-02	7.5E-12
7.8E+00	1.3E-05	1.0E-03	1.0E-07	1.6E-01	5.5E-02	8.9E-10	1.1E+00	1.4E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.4E-11
9.0E+00	1.3E-05	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09	1.1E+00	1.4E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.4E-11
1.0E+01	1.3E-05	1.0E-03	1.4E-07	1.6E-01	5.5E-02	1.2E-09	1.1E+00	1.4E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-02	1.4E-11
1.2E+01	1.3E-05	1.0E-03	1.6E-07	1.6E-01	5.5E-02	1.4E-09	1.1E+00	1.4E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11
1.4E+01	1.3E-05	1.0E-03	1.8E-07	1.6E-01	5.5E-02	1.6E-09	1.1E+00	1.4E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11
9.1E+00	1.3E-05	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09	7.9E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.8E-12
8.1E+00	1.3E-05	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.3E-10	7.7E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.5E-12
7.3E+00	1.3E-05	1.0E-03	9.7E-08	1.6E-01	5.5E-02	8.4E-10	7.5E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.2E-12
6.6E+00	1.3E-05	1.0E-03	8.7E-08	1.6E-01	5.5E-02	7.5E-10	7.2E-01	1.4E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	8.9E-12
5.9E+00	1.3E-05	1.0E-03	7.9E-08	1.6E-01	5.5E-02	6.8E-10	7.0E-01	1.4E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	8.6E-12
5.3E+00	1.3E-05	1.0E-03	7.1E-08	1.6E-01	5.5E-02	6.1E-10	6.8E-01	1.4E-06	1.0E-03	9.7E-10	1.6E-01	5.5E-02	8.4E-12
4.8E+00	1.3E-05	1.0E-03	6.4E-08	1.6E-01	5.5E-02	5.5E-10	6.6E-01	1.4E-06	1.0E-03	9.4E-10	1.6E-01	5.5E-02	8.1E-12
4.4E+00	1.3E-05	1.0E-03	5.8E-08	1.6E-01	5.5E-02	5.0E-10	6.3E-01	1.4E-06	1.0E-03	9.1E-10	1.6E-01	5.5E-02	7.8E-12
4.0E+00	1.3E-05	1.0E-03	5.3E-08	1.6E-01	5.5E-02	4.6E-10	6.1E-01	1.4E-06	1.0E-03	8.8E-10	1.6E-01	5.5E-02	7.6E-12
3.6E+00	1.3E-05	1.0E-03	4.9E-08	1.6E-01	5.5E-02	4.2E-10	5.9E-01	1.4E-06	1.0E-03	8.5E-10	1.6E-01	5.5E-02	7.3E-12
6.7E+00	1.3E-05	1.0E-03	9.0E-08	1.6E-01	5.5E-02	7.7E-10	1.1E+00	1.4E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11
7.7E+00	1.3E-05	1.0E-03	1.0E-07	1.6E-01	5.5E-02	8.8E-10	1.1E+00	1.4E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11
8.8E+00	1.3E-05	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.0E-09	1.0E+00	1.4E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11

1.0E+01	1.3E-05	1.0E-03	1.3E-07	1.6E-01	5.5E-02	1.1E-09	1.0E+00	1.4E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11
1.1E+01	1.3E-05	1.0E-03	1.5E-07	1.6E-01	5.5E-02	1.3E-09	1.0E+00	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
8.0E+00	1.3E-05	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.2E-10	7.7E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.4E-12
7.3E+00	1.3E-05	1.0E-03	9.7E-08	1.6E-01	5.5E-02	8.4E-10	7.4E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.2E-12
6.6E+00	1.3E-05	1.0E-03	8.8E-08	1.6E-01	5.5E-02	7.6E-10	7.2E-01	1.4E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	8.9E-12
6.0E+00	1.3E-05	1.0E-03	8.0E-08	1.6E-01	5.5E-02	6.9E-10	7.0E-01	1.4E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	8.6E-12
5.4E+00	1.3E-05	1.0E-03	7.2E-08	1.6E-01	5.5E-02	6.2E-10	6.8E-01	1.4E-06	1.0E-03	9.7E-10	1.6E-01	5.5E-02	8.4E-12
4.9E+00	1.3E-05	1.0E-03	6.6E-08	1.6E-01	5.5E-02	5.7E-10	6.6E-01	1.4E-06	1.0E-03	9.4E-10	1.6E-01	5.5E-02	8.1E-12
4.5E+00	1.3E-05	1.0E-03	6.0E-08	1.6E-01	5.5E-02	5.2E-10	6.4E-01	1.4E-06	1.0E-03	9.1E-10	1.6E-01	5.5E-02	7.9E-12
4.1E+00	1.3E-05	1.0E-03	5.5E-08	1.6E-01	5.5E-02	4.7E-10	6.2E-01	1.4E-06	1.0E-03	8.8E-10	1.6E-01	5.5E-02	7.6E-12
3.8E+00	1.3E-05	1.0E-03	5.0E-08	1.6E-01	5.5E-02	4.3E-10	6.0E-01	1.4E-06	1.0E-03	8.6E-10	1.6E-01	5.5E-02	7.4E-12
3.4E+00	1.3E-05	1.0E-03	4.6E-08	1.6E-01	5.5E-02	3.9E-10	5.8E-01	1.4E-06	1.0E-03	8.3E-10	1.6E-01	5.5E-02	7.1E-12
5.9E+00	1.3E-05	1.0E-03	7.8E-08	1.6E-01	5.5E-02	6.7E-10	1.0E+00	1.4E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-02	1.3E-11
6.6E+00	1.3E-05	1.0E-03	8.8E-08	1.6E-01	5.5E-02	7.6E-10	1.0E+00	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
7.4E+00	1.3E-05	1.0E-03	9.9E-08	1.6E-01	5.5E-02	8.5E-10	9.9E-01	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
8.3E+00	1.3E-05	1.0E-03	1.1E-07	1.6E-01	5.5E-02	9.5E-10	9.8E-01	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
9.2E+00	1.3E-05	1.0E-03	1.2E-07	1.6E-01	5.5E-02	1.1E-09	9.7E-01	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
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6.6E+00	1.3E-05	1.0E-03	8.7E-08	1.6E-01	5.5E-02	7.5E-10	7.2E-01	1.4E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	8.9E-12
6.0E+00	1.3E-05	1.0E-03	8.0E-08	1.6E-01	5.5E-02	6.9E-10	7.0E-01	1.4E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	8.6E-12
5.5E+00	1.3E-05	1.0E-03	7.3E-08	1.6E-01	5.5E-02	6.3E-10	6.8E-01	1.4E-06	1.0E-03	9.7E-10	1.6E-01	5.5E-02	8.4E-12
5.0E+00	1.3E-05	1.0E-03	6.7E-08	1.6E-01	5.5E-02	5.7E-10	6.6E-01	1.4E-06	1.0E-03	9.4E-10	1.6E-01	5.5E-02	8.1E-12
4.6E+00	1.3E-05	1.0E-03	6.1E-08	1.6E-01	5.5E-02	5.3E-10	6.4E-01	1.4E-06	1.0E-03	9.1E-10	1.6E-01	5.5E-02	7.9E-12
4.2E+00	1.3E-05	1.0E-03	5.6E-08	1.6E-01	5.5E-02	4.8E-10	6.2E-01	1.4E-06	1.0E-03	8.9E-10	1.6E-01	5.5E-02	7.6E-12
3.8E+00	1.3E-05	1.0E-03	5.1E-08	1.6E-01	5.5E-02	4.4E-10	6.0E-01	1.4E-06	1.0E-03	8.6E-10	1.6E-01	5.5E-02	7.4E-12
3.5E+00	1.3E-05	1.0E-03	4.7E-08	1.6E-01	5.5E-02	4.0E-10	5.8E-01	1.4E-06	1.0E-03	8.3E-10	1.6E-01	5.5E-02	7.2E-12
3.2E+00	1.3E-05	1.0E-03	4.3E-08	1.6E-01	5.5E-02	3.7E-10	5.6E-01	1.4E-06	1.0E-03	8.1E-10	1.6E-01	5.5E-02	6.9E-12
5.2E+00	1.3E-05	1.0E-03	6.9E-08	1.6E-01	5.5E-02	5.9E-10	9.7E-01	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
5.8E+00	1.3E-05	1.0E-03	7.7E-08	1.6E-01	5.5E-02	6.6E-10	9.6E-01	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
6.4E+00	1.3E-05	1.0E-03	8.5E-08	1.6E-01	5.5E-02	7.3E-10	9.5E-01	1.4E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-02	1.2E-11
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7.8E+00	1.3E-05	1.0E-03	1.0E-07	1.6E-01	5.5E-02	8.9E-10	9.2E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
6.4E+00	1.3E-05	1.0E-03	8.5E-08	1.6E-01	5.5E-02	7.3E-10	7.1E-01	1.4E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-02	8.8E-12
5.9E+00	1.3E-05	1.0E-03	7.9E-08	1.6E-01	5.5E-02	6.8E-10	6.9E-01	1.4E-06	1.0E-03	9.9E-10	1.6E-01	5.5E-02	8.6E-12
5.4E+00	1.3E-05	1.0E-03	7.2E-08	1.6E-01	5.5E-02	6.2E-10	6.7E-01	1.4E-06	1.0E-03	9.7E-10	1.6E-01	5.5E-02	8.3E-12
5.0E+00	1.3E-05	1.0E-03	6.6E-08	1.6E-01	5.5E-02	5.7E-10	6.6E-01	1.4E-06	1.0E-03	9.4E-10	1.6E-01	5.5E-02	8.1E-12
4.6E+00	1.3E-05	1.0E-03	6.1E-08	1.6E-01	5.5E-02	5.3E-10	6.4E-01	1.4E-06	1.0E-03	9.1E-10	1.6E-01	5.5E-02	7.8E-12
4.2E+00	1.3E-05	1.0E-03	5.6E-08	1.6E-01	5.5E-02	4.8E-10	6.2E-01	1.4E-06	1.0E-03	8.8E-10	1.6E-01	5.5E-02	7.6E-12
3.9E+00	1.3E-05	1.0E-03	5.2E-08	1.6E-01	5.5E-02	4.5E-10	6.0E-01	1.4E-06	1.0E-03	8.6E-10	1.6E-01	5.5E-02	7.4E-12
3.6E+00	1.3E-05	1.0E-03	4.8E-08	1.6E-01	5.5E-02	4.1E-10	5.8E-01	1.4E-06	1.0E-03	8.3E-10	1.6E-01	5.5E-02	7.2E-12
3.3E+00	1.3E-05	1.0E-03	4.4E-08	1.6E-01	5.5E-02	3.8E-10	5.7E-01	1.4E-06	1.0E-03	8.1E-10	1.6E-01	5.5E-02	7.0E-12
3.0E+00	1.3E-05	1.0E-03	4.1E-08	1.6E-01	5.5E-02	3.5E-10	5.5E-01	1.4E-06	1.0E-03	7.8E-10	1.6E-01	5.5E-02	6.7E-12
4.6E+00	1.3E-05	1.0E-03	6.1E-08	1.6E-01	5.5E-02	5.2E-10	9.2E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
5.1E+00	1.3E-05	1.0E-03	6.7E-08	1.6E-01	5.5E-02	5.8E-10	9.2E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
5.6E+00	1.3E-05	1.0E-03	7.5E-08	1.6E-01	5.5E-02	6.4E-10	9.0E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
6.1E+00	1.3E-05	1.0E-03	8.2E-08	1.6E-01	5.5E-02	7.0E-10	8.9E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11

6.6E+00	1.3E-05	1.0E-03	8.8E-08	1.6E-01	5.5E-02	7.6E-10	8.8E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
5.7E+00	1.3E-05	1.0E-03	7.6E-08	1.6E-01	5.5E-02	6.6E-10	6.9E-01	1.4E-06	1.0E-03	9.9E-10	1.6E-01	5.5E-02	8.5E-12
5.3E+00	1.3E-05	1.0E-03	7.1E-08	1.6E-01	5.5E-02	6.1E-10	6.7E-01	1.4E-06	1.0E-03	9.6E-10	1.6E-01	5.5E-02	8.3E-12
4.9E+00	1.3E-05	1.0E-03	6.6E-08	1.6E-01	5.5E-02	5.7E-10	6.5E-01	1.4E-06	1.0E-03	9.3E-10	1.6E-01	5.5E-02	8.0E-12
4.6E+00	1.3E-05	1.0E-03	6.1E-08	1.6E-01	5.5E-02	5.2E-10	6.3E-01	1.4E-06	1.0E-03	9.1E-10	1.6E-01	5.5E-02	7.8E-12
4.2E+00	1.3E-05	1.0E-03	5.6E-08	1.6E-01	5.5E-02	4.8E-10	6.1E-01	1.4E-06	1.0E-03	8.8E-10	1.6E-01	5.5E-02	7.6E-12
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3.3E+00	1.3E-05	1.0E-03	4.4E-08	1.6E-01	5.5E-02	3.8E-10	5.6E-01	1.4E-06	1.0E-03	8.1E-10	1.6E-01	5.5E-02	6.9E-12
3.1E+00	1.3E-05	1.0E-03	4.1E-08	1.6E-01	5.5E-02	3.5E-10	5.5E-01	1.4E-06	1.0E-03	7.8E-10	1.6E-01	5.5E-02	6.7E-12
2.8E+00	1.3E-05	1.0E-03	3.8E-08	1.6E-01	5.5E-02	3.3E-10	5.3E-01	1.4E-06	1.0E-03	7.6E-10	1.6E-01	5.5E-02	6.5E-12
4.1E+00	1.3E-05	1.0E-03	5.4E-08	1.6E-01	5.5E-02	4.7E-10	8.8E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
4.5E+00	1.3E-05	1.0E-03	6.0E-08	1.6E-01	5.5E-02	5.1E-10	8.7E-01	1.4E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-02	1.1E-11
4.9E+00	1.3E-05	1.0E-03	6.5E-08	1.6E-01	5.5E-02	5.6E-10	8.6E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.1E-11
5.3E+00	1.3E-05	1.0E-03	7.1E-08	1.6E-01	5.5E-02	6.1E-10	8.5E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.1E-11
5.7E+00	1.3E-05	1.0E-03	7.6E-08	1.6E-01	5.5E-02	6.5E-10	8.4E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11
4.9E+00	1.3E-05	1.0E-03	6.5E-08	1.6E-01	5.5E-02	5.6E-10	6.5E-01	1.4E-06	1.0E-03	9.3E-10	1.6E-01	5.5E-02	8.0E-12
4.5E+00	1.3E-05	1.0E-03	6.0E-08	1.6E-01	5.5E-02	5.2E-10	6.3E-01	1.4E-06	1.0E-03	9.0E-10	1.6E-01	5.5E-02	7.8E-12
4.2E+00	1.3E-05	1.0E-03	5.6E-08	1.6E-01	5.5E-02	4.8E-10	6.1E-01	1.4E-06	1.0E-03	8.8E-10	1.6E-01	5.5E-02	7.6E-12
3.8E+00	1.3E-05	1.0E-03	5.0E-08	1.6E-01	5.5E-02	4.3E-10	5.9E-01	1.4E-06	1.0E-03	8.4E-10	1.6E-01	5.5E-02	7.3E-12
3.5E+00	1.3E-05	1.0E-03	4.6E-08	1.6E-01	5.5E-02	4.0E-10	5.7E-01	1.4E-06	1.0E-03	8.2E-10	1.6E-01	5.5E-02	7.1E-12
3.2E+00	1.3E-05	1.0E-03	4.3E-08	1.6E-01	5.5E-02	3.7E-10	5.6E-01	1.4E-06	1.0E-03	8.0E-10	1.6E-01	5.5E-02	6.9E-12
3.0E+00	1.3E-05	1.0E-03	4.0E-08	1.6E-01	5.5E-02	3.5E-10	5.4E-01	1.4E-06	1.0E-03	7.8E-10	1.6E-01	5.5E-02	6.7E-12
2.8E+00	1.3E-05	1.0E-03	3.7E-08	1.6E-01	5.5E-02	3.2E-10	5.3E-01	1.4E-06	1.0E-03	7.5E-10	1.6E-01	5.5E-02	6.5E-12
2.6E+00	1.3E-05	1.0E-03	3.5E-08	1.6E-01	5.5E-02	3.0E-10	5.1E-01	1.4E-06	1.0E-03	7.3E-10	1.6E-01	5.5E-02	6.3E-12
3.7E+00	1.3E-05	1.0E-03	4.9E-08	1.6E-01	5.5E-02	4.2E-10	8.4E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11
4.0E+00	1.3E-05	1.0E-03	5.3E-08	1.6E-01	5.5E-02	4.6E-10	8.4E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11
4.3E+00	1.3E-05	1.0E-03	5.8E-08	1.6E-01	5.5E-02	5.0E-10	8.3E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11
4.7E+00	1.3E-05	1.0E-03	6.2E-08	1.6E-01	5.5E-02	5.4E-10	8.2E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11
5.0E+00	1.3E-05	1.0E-03	6.6E-08	1.6E-01	5.5E-02	5.7E-10	8.1E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	1.0E-11
4.2E+00	1.3E-05	1.0E-03	5.5E-08	1.6E-01	5.5E-02	4.8E-10	6.1E-01	1.4E-06	1.0E-03	8.8E-10	1.6E-01	5.5E-02	7.5E-12
3.9E+00	1.3E-05	1.0E-03	5.2E-08	1.6E-01	5.5E-02	4.5E-10	6.0E-01	1.4E-06	1.0E-03	8.5E-10	1.6E-01	5.5E-02	7.3E-12
3.6E+00	1.3E-05	1.0E-03	4.8E-08	1.6E-01	5.5E-02	4.1E-10	5.8E-01	1.4E-06	1.0E-03	8.3E-10	1.6E-01	5.5E-02	7.1E-12
3.3E+00	1.3E-05	1.0E-03	4.5E-08	1.6E-01	5.5E-02	3.8E-10	5.6E-01	1.4E-06	1.0E-03	8.0E-10	1.6E-01	5.5E-02	6.9E-12
3.1E+00	1.3E-05	1.0E-03	4.1E-08	1.6E-01	5.5E-02	3.6E-10	5.5E-01	1.4E-06	1.0E-03	7.8E-10	1.6E-01	5.5E-02	6.7E-12
2.9E+00	1.3E-05	1.0E-03	3.8E-08	1.6E-01	5.5E-02	3.3E-10	5.3E-01	1.4E-06	1.0E-03	7.6E-10	1.6E-01	5.5E-02	6.5E-12
2.7E+00	1.3E-05	1.0E-03	3.5E-08	1.6E-01	5.5E-02	3.1E-10	5.1E-01	1.4E-06	1.0E-03	7.3E-10	1.6E-01	5.5E-02	6.3E-12
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3.3E+00	1.3E-05	1.0E-03	4.4E-08	1.6E-01	5.5E-02	3.8E-10	8.1E-01	1.4E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-02	9.9E-12
3.6E+00	1.3E-05	1.0E-03	4.8E-08	1.6E-01	5.5E-02	4.1E-10	8.0E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.9E-12
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3.0E+00	1.3E-05	1.0E-03	4.0E-08	1.6E-01	5.5E-02	3.4E-10	5.4E-01	1.4E-06	1.0E-03	7.7E-10	1.6E-01	5.5E-02	6.6E-12
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3.0E+00	1.3E-05	1.0E-03	4.0E-08	1.6E-01	5.5E-02	3.5E-10	7.7E-01	1.4E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-02	9.5E-12
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3.0E+00	1.3E-05	1.0E-03	4.0E-08	1.6E-01	5.5E-02	3.5E-10	5.4E-01	1.4E-06	1.0E-03	7.7E-10	1.6E-01	5.5E-02	6.6E-12
2.8E+00	1.3E-05	1.0E-03	3.8E-08	1.6E-01	5.5E-02	3.2E-10	5.2E-01	1.4E-06	1.0E-03	7.5E-10	1.6E-01	5.5E-02	6.4E-12
2.7E+00	1.3E-05	1.0E-03	3.5E-08	1.6E-01	5.5E-02	3.0E-10	5.1E-01	1.4E-06	1.0E-03	7.3E-10	1.6E-01	5.5E-02	6.3E-12
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3.0E+00	1.3E-05	1.0E-03	4.0E-08	1.6E-01	5.5E-02	3.4E-10	5.3E-01	1.4E-06	1.0E-03	7.6E-10	1.6E-01	5.5E-02	6.6E-12
2.8E+00	1.3E-05	1.0E-03	3.8E-08	1.6E-01	5.5E-02	3.2E-10	5.2E-01	1.4E-06	1.0E-03	7.5E-10	1.6E-01	5.5E-02	6.4E-12
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2.5E+00	1.3E-05	1.0E-03	3.3E-08	1.6E-01	5.5E-02	2.9E-10	5.0E-01	1.4E-06	1.0E-03	7.1E-10	1.6E-01	5.5E-02	6.1E-12
2.4E+00	1.3E-05	1.0E-03	3.1E-08	1.6E-01	5.5E-02	2.7E-10	4.8E-01	1.4E-06	1.0E-03	6.9E-10	1.6E-01	5.5E-02	6.0E-12
2.2E+00	1.3E-05	1.0E-03	2.9E-08	1.6E-01	5.5E-02	2.5E-10	4.7E-01	1.4E-06	1.0E-03	6.7E-10	1.6E-01	5.5E-02	5.8E-12
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2.4E+00	1.3E-05	1.0E-03	3.3E-08	1.6E-01	5.5E-02	2.8E-10	6.8E-01	1.4E-06	1.0E-03	9.7E-10	1.6E-01	5.5E-02	8.3E-12
2.6E+00	1.3E-05	1.0E-03	3.4E-08	1.6E-01	5.5E-02	3.0E-10	6.7E-01	1.4E-06	1.0E-03	9.6E-10	1.6E-01	5.5E-02	8.3E-12
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2.6E+00	1.3E-05	1.0E-03	3.5E-08	1.6E-01	5.5E-02	3.0E-10	5.0E-01	1.4E-06	1.0E-03	7.2E-10	1.6E-01	5.5E-02	6.2E-12
2.5E+00	1.3E-05	1.0E-03	3.3E-08	1.6E-01	5.5E-02	2.8E-10	4.9E-01	1.4E-06	1.0E-03	7.1E-10	1.6E-01	5.5E-02	6.1E-12
2.4E+00	1.3E-05	1.0E-03	3.1E-08	1.6E-01	5.5E-02	2.7E-10	4.8E-01	1.4E-06	1.0E-03	6.9E-10	1.6E-01	5.5E-02	5.9E-12
2.2E+00	1.3E-05	1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.6E-10	4.7E-01	1.4E-06	1.0E-03	6.7E-10	1.6E-01	5.5E-02	5.8E-12

2.1E+00	1.3E-05	1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.4E-10	4.6E-01	1.4E-06	1.0E-03	6.6E-10	1.6E-01	5.5E-02	5.7E-12
2.0E+00	1.3E-05	1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10	4.5E-01	1.4E-06	1.0E-03	6.4E-10	1.6E-01	5.5E-02	5.5E-12
2.1E+00	1.3E-05	1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.4E-10	6.5E-01	1.4E-06	1.0E-03	9.4E-10	1.6E-01	5.5E-02	8.1E-12
2.2E+00	1.3E-05	1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.6E-10	6.5E-01	1.4E-06	1.0E-03	9.3E-10	1.6E-01	5.5E-02	8.0E-12
2.4E+00	1.3E-05	1.0E-03	3.1E-08	1.6E-01	5.5E-02	2.7E-10	6.5E-01	1.4E-06	1.0E-03	9.2E-10	1.6E-01	5.5E-02	8.0E-12
2.5E+00	1.3E-05	1.0E-03	3.3E-08	1.6E-01	5.5E-02	2.8E-10	6.4E-01	1.4E-06	1.0E-03	9.2E-10	1.6E-01	5.5E-02	7.9E-12
2.6E+00	1.3E-05	1.0E-03	3.4E-08	1.6E-01	5.5E-02	3.0E-10	6.3E-01	1.4E-06	1.0E-03	9.1E-10	1.6E-01	5.5E-02	7.8E-12
2.4E+00	1.3E-05	1.0E-03	3.2E-08	1.6E-01	5.5E-02	2.8E-10	4.9E-01	1.4E-06	1.0E-03	7.0E-10	1.6E-01	5.5E-02	6.0E-12
2.3E+00	1.3E-05	1.0E-03	3.1E-08	1.6E-01	5.5E-02	2.7E-10	4.8E-01	1.4E-06	1.0E-03	6.9E-10	1.6E-01	5.5E-02	5.9E-12
2.2E+00	1.3E-05	1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.6E-10	4.7E-01	1.4E-06	1.0E-03	6.7E-10	1.6E-01	5.5E-02	5.8E-12
2.1E+00	1.3E-05	1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.4E-10	4.6E-01	1.4E-06	1.0E-03	6.6E-10	1.6E-01	5.5E-02	5.7E-12
2.0E+00	1.3E-05	1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10	4.5E-01	1.4E-06	1.0E-03	6.4E-10	1.6E-01	5.5E-02	5.5E-12
1.9E+00	1.3E-05	1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.2E-10	4.4E-01	1.4E-06	1.0E-03	6.3E-10	1.6E-01	5.5E-02	5.4E-12
2.0E+00	1.3E-05	1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.3E-10	6.3E-01	1.4E-06	1.0E-03	9.0E-10	1.6E-01	5.5E-02	7.8E-12
2.1E+00	1.3E-05	1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.4E-10	6.3E-01	1.4E-06	1.0E-03	8.9E-10	1.6E-01	5.5E-02	7.7E-12
2.2E+00	1.3E-05	1.0E-03	2.9E-08	1.6E-01	5.5E-02	2.5E-10	6.2E-01	1.4E-06	1.0E-03	8.9E-10	1.6E-01	5.5E-02	7.6E-12
2.3E+00	1.3E-05	1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.6E-10	6.2E-01	1.4E-06	1.0E-03	8.8E-10	1.6E-01	5.5E-02	7.6E-12
2.4E+00	1.3E-05	1.0E-03	3.1E-08	1.6E-01	5.5E-02	2.7E-10	6.1E-01	1.4E-06	1.0E-03	8.7E-10	1.6E-01	5.5E-02	7.5E-12
2.4E+00	1.3E-05	1.0E-03	3.3E-08	1.6E-01	5.5E-02	2.8E-10	6.0E-01	1.4E-06	1.0E-03	8.6E-10	1.6E-01	5.5E-02	7.4E-12
2.5E+00	1.3E-05	1.0E-03	3.4E-08	1.6E-01	5.5E-02	2.9E-10	6.0E-01	1.4E-06	1.0E-03	8.6E-10	1.6E-01	5.5E-02	7.4E-12
2.6E+00	1.3E-05	1.0E-03	3.4E-08	1.6E-01	5.5E-02	3.0E-10	5.9E-01	1.4E-06	1.0E-03	8.5E-10	1.6E-01	5.5E-02	7.3E-12
2.6E+00	1.3E-05	1.0E-03	3.5E-08	1.6E-01	5.5E-02	3.0E-10	5.8E-01	1.4E-06	1.0E-03	8.4E-10	1.6E-01	5.5E-02	7.2E-12
2.7E+00	1.3E-05	1.0E-03	3.6E-08	1.6E-01	5.5E-02	3.1E-10	5.8E-01	1.4E-06	1.0E-03	8.2E-10	1.6E-01	5.5E-02	7.1E-12
2.7E+00	1.3E-05	1.0E-03	3.6E-08	1.6E-01	5.5E-02	3.1E-10	5.7E-01	1.4E-06	1.0E-03	8.1E-10	1.6E-01	5.5E-02	7.0E-12
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2.2E+00	1.3E-05	1.0E-03	2.9E-08	1.6E-01	5.5E-02	2.5E-10	5.9E-01	1.4E-06	1.0E-03	8.4E-10	1.6E-01	5.5E-02	7.2E-12
2.2E+00	1.3E-05	1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.6E-10	5.8E-01	1.4E-06	1.0E-03	8.3E-10	1.6E-01	5.5E-02	7.2E-12
2.3E+00	1.3E-05	1.0E-03	3.1E-08	1.6E-01	5.5E-02	2.6E-10	5.8E-01	1.4E-06	1.0E-03	8.2E-10	1.6E-01	5.5E-02	7.1E-12

2.4E+00	1.3E-05	1.0E-03	3.1E-08	1.6E-01	5.5E-02	2.7E-10	5.7E-01	1.4E-06	1.0E-03	8.2E-10	1.6E-01	5.5E-02	7.0E-12
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2.2E+00	1.3E-05	1.0E-03	2.9E-08	1.6E-01	5.5E-02	2.5E-10	5.5E-01	1.4E-06	1.0E-03	7.9E-10	1.6E-01	5.5E-02	6.8E-12
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2.3E+00	1.3E-05	1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.6E-10	5.2E-01	1.4E-06	1.0E-03	7.5E-10	1.6E-01	5.5E-02	6.4E-12
2.3E+00	1.3E-05	1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.6E-10	5.2E-01	1.4E-06	1.0E-03	7.4E-10	1.6E-01	5.5E-02	6.4E-12
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2.2E+00	1.3E-05	1.0E-03	3.0E-08	1.6E-01	5.5E-02	2.6E-10	4.9E-01	1.4E-06	1.0E-03	7.1E-10	1.6E-01	5.5E-02	6.1E-12
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2.1E+00	1.3E-05	1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.4E-10	4.7E-01	1.4E-06	1.0E-03	6.7E-10	1.6E-01	5.5E-02	5.8E-12
2.0E+00	1.3E-05	1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10	4.6E-01	1.4E-06	1.0E-03	6.6E-10	1.6E-01	5.5E-02	5.7E-12
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1.8E+00	1.3E-05	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	4.2E-01	1.4E-06	1.0E-03	6.1E-10	1.6E-01	5.5E-02	5.2E-12
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1.7E+00	1.3E-05	1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	5.5E-01	1.4E-06	1.0E-03	7.9E-10	1.6E-01	5.5E-02	6.8E-12
1.8E+00	1.3E-05	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.0E-10	5.5E-01	1.4E-06	1.0E-03	7.9E-10	1.6E-01	5.5E-02	6.8E-12
1.8E+00	1.3E-05	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.1E-10	5.5E-01	1.4E-06	1.0E-03	7.8E-10	1.6E-01	5.5E-02	6.7E-12
1.9E+00	1.3E-05	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.2E-10	5.4E-01	1.4E-06	1.0E-03	7.7E-10	1.6E-01	5.5E-02	6.7E-12
2.0E+00	1.3E-05	1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.2E-10	5.4E-01	1.4E-06	1.0E-03	7.7E-10	1.6E-01	5.5E-02	6.6E-12
2.0E+00	1.3E-05	1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10	5.3E-01	1.4E-06	1.0E-03	7.6E-10	1.6E-01	5.5E-02	6.5E-12
2.0E+00	1.3E-05	1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10	5.3E-01	1.4E-06	1.0E-03	7.5E-10	1.6E-01	5.5E-02	6.5E-12
2.1E+00	1.3E-05	1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.4E-10	5.2E-01	1.4E-06	1.0E-03	7.4E-10	1.6E-01	5.5E-02	6.4E-12
2.1E+00	1.3E-05	1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.4E-10	5.1E-01	1.4E-06	1.0E-03	7.3E-10	1.6E-01	5.5E-02	6.3E-12
2.1E+00	1.3E-05	1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.4E-10	5.1E-01	1.4E-06	1.0E-03	7.2E-10	1.6E-01	5.5E-02	6.2E-12
2.1E+00	1.3E-05	1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.4E-10	5.0E-01	1.4E-06	1.0E-03	7.1E-10	1.6E-01	5.5E-02	6.2E-12
2.1E+00	1.3E-05	1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.4E-10	4.9E-01	1.4E-06	1.0E-03	7.0E-10	1.6E-01	5.5E-02	6.1E-12
2.1E+00	1.3E-05	1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.4E-10	4.9E-01	1.4E-06	1.0E-03	6.9E-10	1.6E-01	5.5E-02	6.0E-12
2.1E+00	1.3E-05	1.0E-03	2.8E-08	1.6E-01	5.5E-02	2.4E-10	4.8E-01	1.4E-06	1.0E-03	6.8E-10	1.6E-01	5.5E-02	5.9E-12
2.0E+00	1.3E-05	1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10	4.7E-01	1.4E-06	1.0E-03	6.7E-10	1.6E-01	5.5E-02	5.8E-12
2.0E+00	1.3E-05	1.0E-03	2.7E-08	1.6E-01	5.5E-02	2.3E-10	4.6E-01	1.4E-06	1.0E-03	6.6E-10	1.6E-01	5.5E-02	5.7E-12
2.0E+00	1.3E-05	1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.3E-10	4.5E-01	1.4E-06	1.0E-03	6.5E-10	1.6E-01	5.5E-02	5.6E-12
1.9E+00	1.3E-05	1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.2E-10	4.5E-01	1.4E-06	1.0E-03	6.4E-10	1.6E-01	5.5E-02	5.5E-12
1.9E+00	1.3E-05	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.1E-10	4.4E-01	1.4E-06	1.0E-03	6.3E-10	1.6E-01	5.5E-02	5.4E-12
1.8E+00	1.3E-05	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	4.3E-01	1.4E-06	1.0E-03	6.2E-10	1.6E-01	5.5E-02	5.3E-12
1.8E+00	1.3E-05	1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	4.2E-01	1.4E-06	1.0E-03	6.0E-10	1.6E-01	5.5E-02	5.2E-12
1.7E+00	1.3E-05	1.0E-03	2.3E-08	1.6E-01	5.5E-02	1.9E-10	4.1E-01	1.4E-06	1.0E-03	5.9E-10	1.6E-01	5.5E-02	5.1E-12
1.6E+00	1.3E-05	1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	4.1E-01	1.4E-06	1.0E-03	5.8E-10	1.6E-01	5.5E-02	5.0E-12
1.6E+00	1.3E-05	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	4.0E-01	1.4E-06	1.0E-03	5.7E-10	1.6E-01	5.5E-02	4.9E-12
1.5E+00	1.3E-05	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	5.4E-01	1.4E-06	1.0E-03	7.7E-10	1.6E-01	5.5E-02	6.7E-12
1.5E+00	1.3E-05	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.8E-10	5.4E-01	1.4E-06	1.0E-03	7.7E-10	1.6E-01	5.5E-02	6.6E-12
1.6E+00	1.3E-05	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	5.3E-01	1.4E-06	1.0E-03	7.6E-10	1.6E-01	5.5E-02	6.6E-12
1.6E+00	1.3E-05	1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	5.3E-01	1.4E-06	1.0E-03	7.6E-10	1.6E-01	5.5E-02	6.5E-12
1.7E+00	1.3E-05	1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	5.3E-01	1.4E-06	1.0E-03	7.5E-10	1.6E-01	5.5E-02	6.5E-12
1.8E+00	1.3E-05	1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	5.2E-01	1.4E-06	1.0E-03	7.5E-10	1.6E-01	5.5E-02	6.4E-12
1.8E+00	1.3E-05	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	5.2E-01	1.4E-06	1.0E-03	7.4E-10	1.6E-01	5.5E-02	6.4E-12
1.8E+00	1.3E-05	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.1E-10	5.1E-01	1.4E-06	1.0E-03	7.3E-10	1.6E-01	5.5E-02	6.3E-12
1.9E+00	1.3E-05	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.2E-10	5.1E-01	1.4E-06	1.0E-03	7.3E-10	1.6E-01	5.5E-02	6.3E-12
1.9E+00	1.3E-05	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.2E-10	5.0E-01	1.4E-06	1.0E-03	7.2E-10	1.6E-01	5.5E-02	6.2E-12
1.9E+00	1.3E-05	1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.2E-10	5.0E-01	1.4E-06	1.0E-03	7.1E-10	1.6E-01	5.5E-02	6.1E-12
1.9E+00	1.3E-05	1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.2E-10	4.9E-01	1.4E-06	1.0E-03	7.0E-10	1.6E-01	5.5E-02	6.0E-12
2.0E+00	1.3E-05	1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.2E-10	4.8E-01	1.4E-06	1.0E-03	6.9E-10	1.6E-01	5.5E-02	6.0E-12
2.0E+00	1.3E-05	1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.2E-10	4.8E-01	1.4E-06	1.0E-03	6.8E-10	1.6E-01	5.5E-02	5.9E-12
1.9E+00	1.3E-05	1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.2E-10	4.7E-01	1.4E-06	1.0E-03	6.7E-10	1.6E-01	5.5E-02	5.8E-12
1.9E+00	1.3E-05	1.0E-03	2.6E-08	1.6E-01	5.5E-02	2.2E-10	4.6E-01	1.4E-06	1.0E-03	6.6E-10	1.6E-01	5.5E-02	5.7E-12
1.9E+00	1.3E-05	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.2E-10	4.6E-01	1.4E-06	1.0E-03	6.5E-10	1.6E-01	5.5E-02	5.6E-12
1.9E+00	1.3E-05	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.2E-10	4.5E-01	1.4E-06	1.0E-03	6.4E-10	1.6E-01	5.5E-02	5.5E-12
1.8E+00	1.3E-05	1.0E-03	2.5E-08	1.6E-01	5.5E-02	2.1E-10	4.4E-01	1.4E-06	1.0E-03	6.3E-10	1.6E-01	5.5E-02	5.4E-12
1.8E+00	1.3E-05	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	4.3E-01	1.4E-06	1.0E-03	6.2E-10	1.6E-01	5.5E-02	5.4E-12
1.8E+00	1.3E-05	1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	4.3E-01	1.4E-06	1.0E-03	6.1E-10	1.6E-01	5.5E-02	5.3E-12

1.7E+00	1.3E-05	1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	4.2E-01	1.4E-06	1.0E-03	6.0E-10	1.6E-01	5.5E-02	5.2E-12
1.7E+00	1.3E-05	1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	4.1E-01	1.4E-06	1.0E-03	5.9E-10	1.6E-01	5.5E-02	5.1E-12
1.6E+00	1.3E-05	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	4.0E-01	1.4E-06	1.0E-03	5.8E-10	1.6E-01	5.5E-02	5.0E-12
1.6E+00	1.3E-05	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	4.0E-01	1.4E-06	1.0E-03	5.7E-10	1.6E-01	5.5E-02	4.9E-12
1.5E+00	1.3E-05	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	3.9E-01	1.4E-06	1.0E-03	5.6E-10	1.6E-01	5.5E-02	4.8E-12
1.4E+00	1.3E-05	1.0E-03	1.8E-08	1.6E-01	5.5E-02	1.6E-10	5.2E-01	1.4E-06	1.0E-03	7.5E-10	1.6E-01	5.5E-02	6.4E-12
1.4E+00	1.3E-05	1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.6E-10	5.2E-01	1.4E-06	1.0E-03	7.4E-10	1.6E-01	5.5E-02	6.4E-12
1.5E+00	1.3E-05	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	5.2E-01	1.4E-06	1.0E-03	7.4E-10	1.6E-01	5.5E-02	6.4E-12
1.5E+00	1.3E-05	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.8E-10	5.1E-01	1.4E-06	1.0E-03	7.3E-10	1.6E-01	5.5E-02	6.3E-12
1.6E+00	1.3E-05	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	5.1E-01	1.4E-06	1.0E-03	7.3E-10	1.6E-01	5.5E-02	6.3E-12
1.6E+00	1.3E-05	1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	5.0E-01	1.4E-06	1.0E-03	7.2E-10	1.6E-01	5.5E-02	6.2E-12
1.7E+00	1.3E-05	1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	5.0E-01	1.4E-06	1.0E-03	7.2E-10	1.6E-01	5.5E-02	6.2E-12
1.7E+00	1.3E-05	1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	5.0E-01	1.4E-06	1.0E-03	7.1E-10	1.6E-01	5.5E-02	6.1E-12
1.7E+00	1.3E-05	1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	4.9E-01	1.4E-06	1.0E-03	7.0E-10	1.6E-01	5.5E-02	6.0E-12
1.8E+00	1.3E-05	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.0E-10	4.9E-01	1.4E-06	1.0E-03	7.0E-10	1.6E-01	5.5E-02	6.0E-12
1.8E+00	1.3E-05	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	4.8E-01	1.4E-06	1.0E-03	6.9E-10	1.6E-01	5.5E-02	5.9E-12
1.8E+00	1.3E-05	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	4.7E-01	1.4E-06	1.0E-03	6.8E-10	1.6E-01	5.5E-02	5.8E-12
1.8E+00	1.3E-05	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	4.7E-01	1.4E-06	1.0E-03	6.7E-10	1.6E-01	5.5E-02	5.8E-12
1.8E+00	1.3E-05	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	4.6E-01	1.4E-06	1.0E-03	6.6E-10	1.6E-01	5.5E-02	5.7E-12
1.8E+00	1.3E-05	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	4.6E-01	1.4E-06	1.0E-03	6.5E-10	1.6E-01	5.5E-02	5.6E-12
1.8E+00	1.3E-05	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.1E-10	4.5E-01	1.4E-06	1.0E-03	6.4E-10	1.6E-01	5.5E-02	5.5E-12
1.8E+00	1.3E-05	1.0E-03	2.4E-08	1.6E-01	5.5E-02	2.0E-10	4.4E-01	1.4E-06	1.0E-03	6.3E-10	1.6E-01	5.5E-02	5.5E-12
1.8E+00	1.3E-05	1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	4.4E-01	1.4E-06	1.0E-03	6.2E-10	1.6E-01	5.5E-02	5.4E-12
1.7E+00	1.3E-05	1.0E-03	2.3E-08	1.6E-01	5.5E-02	2.0E-10	4.3E-01	1.4E-06	1.0E-03	6.1E-10	1.6E-01	5.5E-02	5.3E-12
1.7E+00	1.3E-05	1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	4.2E-01	1.4E-06	1.0E-03	6.0E-10	1.6E-01	5.5E-02	5.2E-12
1.6E+00	1.3E-05	1.0E-03	2.2E-08	1.6E-01	5.5E-02	1.9E-10	4.1E-01	1.4E-06	1.0E-03	5.9E-10	1.6E-01	5.5E-02	5.1E-12
1.6E+00	1.3E-05	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	4.1E-01	1.4E-06	1.0E-03	5.8E-10	1.6E-01	5.5E-02	5.0E-12
1.6E+00	1.3E-05	1.0E-03	2.1E-08	1.6E-01	5.5E-02	1.8E-10	4.0E-01	1.4E-06	1.0E-03	5.7E-10	1.6E-01	5.5E-02	4.9E-12
1.5E+00	1.3E-05	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	3.9E-01	1.4E-06	1.0E-03	5.6E-10	1.6E-01	5.5E-02	4.8E-12
1.5E+00	1.3E-05	1.0E-03	2.0E-08	1.6E-01	5.5E-02	1.7E-10	3.9E-01	1.4E-06	1.0E-03	5.5E-10	1.6E-01	5.5E-02	4.8E-12
1.4E+00	1.3E-05	1.0E-03	1.9E-08	1.6E-01	5.5E-02	1.6E-10	3.8E-01	1.4E-06	1.0E-03	5.4E-10	1.6E-01	5.5E-02	4.7E-12

Risk From New Building Grading - Mitigated Residential

Franklin School Project
Risk From New Building Grading - Mitigated Residential

	0.06	Max					Onsite		
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
1	0.00	2.2E-10	2.0E-01	4.9E-04	1.0E-03	1.0E-07	1.6E-01	1.4E-02	2.2E-10
2	0.00	2.4E-10	2.2E-01	4.9E-04	1.0E-03	1.1E-07	1.6E-01	1.4E-02	2.4E-10
3	0.00	2.6E-10	2.4E-01	4.9E-04	1.0E-03	1.2E-07	1.6E-01	1.4E-02	2.6E-10
4	0.00	2.9E-10	2.6E-01	4.9E-04	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.9E-10
5	0.00	3.1E-10	2.9E-01	4.9E-04	1.0E-03	1.5E-07	1.6E-01	1.4E-02	3.1E-10
6	0.00	3.4E-10	3.1E-01	4.9E-04	1.0E-03	1.6E-07	1.6E-01	1.4E-02	3.4E-10
7	0.00	3.6E-10	3.3E-01	4.9E-04	1.0E-03	1.7E-07	1.6E-01	1.4E-02	3.6E-10
8	0.00	3.8E-10	3.5E-01	4.9E-04	1.0E-03	1.8E-07	1.6E-01	1.4E-02	3.8E-10
9	0.00	4.1E-10	3.7E-01	4.9E-04	1.0E-03	1.9E-07	1.6E-01	1.4E-02	4.1E-10
10	0.00	4.3E-10	3.9E-01	4.9E-04	1.0E-03	2.0E-07	1.6E-01	1.4E-02	4.3E-10
11	0.00	4.6E-10	4.2E-01	4.9E-04	1.0E-03	2.2E-07	1.6E-01	1.4E-02	4.6E-10
12	0.00	5.0E-10	4.5E-01	4.9E-04	1.0E-03	2.3E-07	1.6E-01	1.4E-02	5.0E-10
13	0.00	5.3E-10	4.8E-01	4.9E-04	1.0E-03	2.5E-07	1.6E-01	1.4E-02	5.3E-10
14	0.00	5.6E-10	5.0E-01	4.9E-04	1.0E-03	2.6E-07	1.6E-01	1.4E-02	5.6E-10
15	0.00	5.7E-10	5.2E-01	4.9E-04	1.0E-03	2.7E-07	1.6E-01	1.4E-02	5.7E-10
16	0.00	5.8E-10	5.3E-01	4.9E-04	1.0E-03	2.7E-07	1.6E-01	1.4E-02	5.8E-10
17	0.00	2.4E-10	2.2E-01	4.9E-04	1.0E-03	1.1E-07	1.6E-01	1.4E-02	2.4E-10
18	0.00	2.7E-10	2.5E-01	4.9E-04	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.7E-10
19	0.00	3.0E-10	2.8E-01	4.9E-04	1.0E-03	1.4E-07	1.6E-01	1.4E-02	3.0E-10
20	0.00	3.4E-10	3.1E-01	4.9E-04	1.0E-03	1.6E-07	1.6E-01	1.4E-02	3.4E-10
21	0.00	3.7E-10	3.4E-01	4.9E-04	1.0E-03	1.7E-07	1.6E-01	1.4E-02	3.7E-10
22	0.00	4.1E-10	3.7E-01	4.9E-04	1.0E-03	1.9E-07	1.6E-01	1.4E-02	4.1E-10
23	0.00	4.4E-10	4.0E-01	4.9E-04	1.0E-03	2.1E-07	1.6E-01	1.4E-02	4.4E-10
24	0.00	4.7E-10	4.3E-01	4.9E-04	1.0E-03	2.2E-07	1.6E-01	1.4E-02	4.7E-10
25	0.00	5.1E-10	4.6E-01	4.9E-04	1.0E-03	2.4E-07	1.6E-01	1.4E-02	5.1E-10
26	0.00	5.4E-10	4.9E-01	4.9E-04	1.0E-03	2.5E-07	1.6E-01	1.4E-02	5.4E-10
27	0.00	6.0E-10	5.4E-01	4.9E-04	1.0E-03	2.8E-07	1.6E-01	1.4E-02	6.0E-10
28	0.00	6.5E-10	5.9E-01	4.9E-04	1.0E-03	3.0E-07	1.6E-01	1.4E-02	6.5E-10
29	0.00	6.9E-10	6.2E-01	4.9E-04	1.0E-03	3.2E-07	1.6E-01	1.4E-02	6.9E-10
30	0.00	7.1E-10	6.5E-01	4.9E-04	1.0E-03	3.3E-07	1.6E-01	1.4E-02	7.1E-10
31	0.00	7.3E-10	6.6E-01	4.9E-04	1.0E-03	3.4E-07	1.6E-01	1.4E-02	7.3E-10
32	0.00	7.2E-10	6.5E-01	4.9E-04	1.0E-03	3.3E-07	1.6E-01	1.4E-02	7.2E-10
33	0.00	2.7E-10	2.5E-01	4.9E-04	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.7E-10
34	0.00	3.1E-10	2.8E-01	4.9E-04	1.0E-03	1.4E-07	1.6E-01	1.4E-02	3.1E-10
35	0.00	3.5E-10	3.2E-01	4.9E-04	1.0E-03	1.6E-07	1.6E-01	1.4E-02	3.5E-10
36	0.00	4.0E-10	3.6E-01	4.9E-04	1.0E-03	1.9E-07	1.6E-01	1.4E-02	4.0E-10
37	0.00	4.5E-10	4.1E-01	4.9E-04	1.0E-03	2.1E-07	1.6E-01	1.4E-02	4.5E-10
38	0.00	5.0E-10	4.6E-01	4.9E-04	1.0E-03	2.3E-07	1.6E-01	1.4E-02	5.0E-10
39	0.00	5.6E-10	5.1E-01	4.9E-04	1.0E-03	2.6E-07	1.6E-01	1.4E-02	5.6E-10

40	0.00	6.0E-10	5.5E-01	4.9E-04	1.0E-03	2.8E-07	1.6E-01	1.4E-02	6.0E-10
41	0.00	6.5E-10	5.9E-01	4.9E-04	1.0E-03	3.0E-07	1.6E-01	1.4E-02	6.5E-10
42	0.00	7.1E-10	6.5E-01	4.9E-04	1.0E-03	3.3E-07	1.6E-01	1.4E-02	7.1E-10
43	0.00	7.9E-10	7.2E-01	4.9E-04	1.0E-03	3.7E-07	1.6E-01	1.4E-02	7.9E-10
44	0.00	8.6E-10	7.8E-01	4.9E-04	1.0E-03	4.0E-07	1.6E-01	1.4E-02	8.6E-10
45	0.00	9.1E-10	8.3E-01	4.9E-04	1.0E-03	4.2E-07	1.6E-01	1.4E-02	9.1E-10
46	0.00	9.3E-10	8.5E-01	4.9E-04	1.0E-03	4.3E-07	1.6E-01	1.4E-02	9.3E-10
47	0.00	9.3E-10	8.4E-01	4.9E-04	1.0E-03	4.3E-07	1.6E-01	1.4E-02	9.3E-10
48	0.00	9.0E-10	8.1E-01	4.9E-04	1.0E-03	4.2E-07	1.6E-01	1.4E-02	9.0E-10
49	0.00	3.1E-10	2.8E-01	4.9E-04	1.0E-03	1.4E-07	1.6E-01	1.4E-02	3.1E-10
50	0.00	3.6E-10	3.2E-01	4.9E-04	1.0E-03	1.7E-07	1.6E-01	1.4E-02	3.6E-10
51	0.00	4.1E-10	3.8E-01	4.9E-04	1.0E-03	1.9E-07	1.6E-01	1.4E-02	4.1E-10
52	0.00	4.8E-10	4.4E-01	4.9E-04	1.0E-03	2.2E-07	1.6E-01	1.4E-02	4.8E-10
53	0.00	5.6E-10	5.0E-01	4.9E-04	1.0E-03	2.6E-07	1.6E-01	1.4E-02	5.6E-10
54	0.00	6.4E-10	5.8E-01	4.9E-04	1.0E-03	3.0E-07	1.6E-01	1.4E-02	6.4E-10
55	0.00	7.2E-10	6.5E-01	4.9E-04	1.0E-03	3.3E-07	1.6E-01	1.4E-02	7.2E-10
56	0.00	7.9E-10	7.2E-01	4.9E-04	1.0E-03	3.7E-07	1.6E-01	1.4E-02	7.9E-10
57	0.00	8.7E-10	7.9E-01	4.9E-04	1.0E-03	4.1E-07	1.6E-01	1.4E-02	8.7E-10
58	0.00	9.8E-10	8.9E-01	4.9E-04	1.0E-03	4.5E-07	1.6E-01	1.4E-02	9.8E-10
59	0.00	1.1E-09	1.0E+00	4.9E-04	1.0E-03	5.2E-07	1.6E-01	1.4E-02	1.1E-09
60	0.00	1.2E-09	1.1E+00	4.9E-04	1.0E-03	5.6E-07	1.6E-01	1.4E-02	1.2E-09
61	0.00	1.2E-09	1.1E+00	4.9E-04	1.0E-03	5.8E-07	1.6E-01	1.4E-02	1.2E-09
62	0.00	1.2E-09	1.1E+00	4.9E-04	1.0E-03	5.8E-07	1.6E-01	1.4E-02	1.2E-09
63	0.00	1.2E-09	1.1E+00	4.9E-04	1.0E-03	5.5E-07	1.6E-01	1.4E-02	1.2E-09
64	0.00	1.1E-09	1.0E+00	4.9E-04	1.0E-03	5.1E-07	1.6E-01	1.4E-02	1.1E-09
65	0.00	3.5E-10	3.1E-01	4.9E-04	1.0E-03	1.6E-07	1.6E-01	1.4E-02	3.5E-10
66	0.00	4.1E-10	3.7E-01	4.9E-04	1.0E-03	1.9E-07	1.6E-01	1.4E-02	4.1E-10
67	0.00	4.9E-10	4.4E-01	4.9E-04	1.0E-03	2.3E-07	1.6E-01	1.4E-02	4.9E-10
68	0.00	5.8E-10	5.3E-01	4.9E-04	1.0E-03	2.7E-07	1.6E-01	1.4E-02	5.8E-10
69	0.00	7.0E-10	6.3E-01	4.9E-04	1.0E-03	3.2E-07	1.6E-01	1.4E-02	7.0E-10
70	0.00	8.3E-10	7.5E-01	4.9E-04	1.0E-03	3.8E-07	1.6E-01	1.4E-02	8.3E-10
71	0.00	9.7E-10	8.8E-01	4.9E-04	1.0E-03	4.5E-07	1.6E-01	1.4E-02	9.7E-10
72	0.00	1.1E-09	1.0E+00	4.9E-04	1.0E-03	5.1E-07	1.6E-01	1.4E-02	1.1E-09
73	0.00	1.3E-09	1.1E+00	4.9E-04	1.0E-03	5.8E-07	1.6E-01	1.4E-02	1.3E-09
74	0.00	1.5E-09	1.3E+00	4.9E-04	1.0E-03	6.8E-07	1.6E-01	1.4E-02	1.5E-09
75	0.00	1.6E-09	1.5E+00	4.9E-04	1.0E-03	7.7E-07	1.6E-01	1.4E-02	1.6E-09
76	0.00	1.7E-09	1.6E+00	4.9E-04	1.0E-03	8.1E-07	1.6E-01	1.4E-02	1.7E-09
77	0.00	1.7E-09	1.6E+00	4.9E-04	1.0E-03	8.1E-07	1.6E-01	1.4E-02	1.7E-09
78	0.00	1.6E-09	1.5E+00	4.9E-04	1.0E-03	7.6E-07	1.6E-01	1.4E-02	1.6E-09
79	0.00	1.5E-09	1.4E+00	4.9E-04	1.0E-03	7.0E-07	1.6E-01	1.4E-02	1.5E-09
80	0.00	1.3E-09	1.2E+00	4.9E-04	1.0E-03	6.2E-07	1.6E-01	1.4E-02	1.3E-09
81	0.00	3.9E-10	3.5E-01	4.9E-04	1.0E-03	1.8E-07	1.6E-01	1.4E-02	3.9E-10
82	0.00	4.6E-10	4.2E-01	4.9E-04	1.0E-03	2.2E-07	1.6E-01	1.4E-02	4.6E-10
83	0.00	5.7E-10	5.2E-01	4.9E-04	1.0E-03	2.6E-07	1.6E-01	1.4E-02	5.7E-10
84	0.00	7.1E-10	6.4E-01	4.9E-04	1.0E-03	3.3E-07	1.6E-01	1.4E-02	7.1E-10
85	0.00	8.9E-10	8.1E-01	4.9E-04	1.0E-03	4.1E-07	1.6E-01	1.4E-02	8.9E-10

86	0.00	1.1E-09	1.0E+00	4.9E-04	1.0E-03	5.2E-07	1.6E-01	1.4E-02	1.1E-09
87	0.00	1.4E-09	1.3E+00	4.9E-04	1.0E-03	6.4E-07	1.6E-01	1.4E-02	1.4E-09
88	0.00	1.7E-09	1.5E+00	4.9E-04	1.0E-03	7.7E-07	1.6E-01	1.4E-02	1.7E-09
89	0.00	2.0E-09	1.8E+00	4.9E-04	1.0E-03	9.2E-07	1.6E-01	1.4E-02	2.0E-09
90	0.00	2.4E-09	2.2E+00	4.9E-04	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.4E-09
91	0.00	2.6E-09	2.4E+00	4.9E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
92	0.00	2.6E-09	2.4E+00	4.9E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
93	0.00	2.4E-09	2.2E+00	4.9E-04	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.4E-09
94	0.00	2.1E-09	1.9E+00	4.9E-04	1.0E-03	9.9E-07	1.6E-01	1.4E-02	2.1E-09
95	0.00	1.8E-09	1.7E+00	4.9E-04	1.0E-03	8.5E-07	1.6E-01	1.4E-02	1.8E-09
96	0.00	1.6E-09	1.4E+00	4.9E-04	1.0E-03	7.2E-07	1.6E-01	1.4E-02	1.6E-09
97	0.00	4.2E-10	3.8E-01	4.9E-04	1.0E-03	2.0E-07	1.6E-01	1.4E-02	4.2E-10
98	0.00	5.2E-10	4.7E-01	4.9E-04	1.0E-03	2.4E-07	1.6E-01	1.4E-02	5.2E-10
99	0.00	6.6E-10	6.0E-01	4.9E-04	1.0E-03	3.1E-07	1.6E-01	1.4E-02	6.6E-10
100	0.00	8.6E-10	7.8E-01	4.9E-04	1.0E-03	4.0E-07	1.6E-01	1.4E-02	8.6E-10
101	0.00	1.1E-09	1.0E+00	4.9E-04	1.0E-03	5.3E-07	1.6E-01	1.4E-02	1.1E-09
102	0.00	1.6E-09	1.4E+00	4.9E-04	1.0E-03	7.2E-07	1.6E-01	1.4E-02	1.6E-09
103	0.00	2.1E-09	1.9E+00	4.9E-04	1.0E-03	9.8E-07	1.6E-01	1.4E-02	2.1E-09
104	0.00	2.8E-09	2.6E+00	4.9E-04	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
105	0.00	3.6E-09	3.3E+00	4.9E-04	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.6E-09
106	0.00	4.4E-09	4.0E+00	4.9E-04	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.4E-09
107	0.00	4.4E-09	4.0E+00	4.9E-04	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.4E-09
108	0.00	3.9E-09	3.6E+00	4.9E-04	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.9E-09
109	0.00	3.3E-09	3.0E+00	4.9E-04	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
110	0.00	2.7E-09	2.4E+00	4.9E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.7E-09
111	0.00	2.1E-09	1.9E+00	4.9E-04	1.0E-03	9.9E-07	1.6E-01	1.4E-02	2.1E-09
112	0.00	1.7E-09	1.6E+00	4.9E-04	1.0E-03	8.0E-07	1.6E-01	1.4E-02	1.7E-09
113	0.00	4.6E-10	4.2E-01	4.9E-04	1.0E-03	2.1E-07	1.6E-01	1.4E-02	4.6E-10
114	0.00	5.8E-10	5.3E-01	4.9E-04	1.0E-03	2.7E-07	1.6E-01	1.4E-02	5.8E-10
115	0.00	7.6E-10	6.9E-01	4.9E-04	1.0E-03	3.5E-07	1.6E-01	1.4E-02	7.6E-10
116	0.00	1.0E-09	9.4E-01	4.9E-04	1.0E-03	4.8E-07	1.6E-01	1.4E-02	1.0E-09
117	0.00	1.5E-09	1.3E+00	4.9E-04	1.0E-03	6.8E-07	1.6E-01	1.4E-02	1.5E-09
118	0.01	9.3E-09	8.4E+00	4.9E-04	1.0E-03	4.3E-06	1.6E-01	1.4E-02	9.3E-09
119	0.01	7.4E-09	6.7E+00	4.9E-04	1.0E-03	3.4E-06	1.6E-01	1.4E-02	7.4E-09
120	0.01	5.6E-09	5.1E+00	4.9E-04	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.6E-09
121	0.00	4.1E-09	3.8E+00	4.9E-04	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.1E-09
122	0.00	3.1E-09	2.8E+00	4.9E-04	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.1E-09
123	0.00	2.3E-09	2.1E+00	4.9E-04	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.3E-09
124	0.00	1.8E-09	1.6E+00	4.9E-04	1.0E-03	8.4E-07	1.6E-01	1.4E-02	1.8E-09
125	0.00	4.8E-10	4.4E-01	4.9E-04	1.0E-03	2.2E-07	1.6E-01	1.4E-02	4.8E-10
126	0.00	6.2E-10	5.6E-01	4.9E-04	1.0E-03	2.9E-07	1.6E-01	1.4E-02	6.2E-10
127	0.00	8.3E-10	7.6E-01	4.9E-04	1.0E-03	3.9E-07	1.6E-01	1.4E-02	8.3E-10
128	0.00	1.2E-09	1.1E+00	4.9E-04	1.0E-03	5.4E-07	1.6E-01	1.4E-02	1.2E-09
129	0.00	1.8E-09	1.6E+00	4.9E-04	1.0E-03	8.2E-07	1.6E-01	1.4E-02	1.8E-09
130	0.02	1.9E-08	1.7E+01	4.9E-04	1.0E-03	8.7E-06	1.6E-01	1.4E-02	1.9E-08
131	0.01	1.1E-08	1.0E+01	4.9E-04	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08

132	0.01	7.0E-09	6.3E+00	4.9E-04	1.0E-03	3.2E-06	1.6E-01	1.4E-02	7.0E-09
133	0.00	4.7E-09	4.2E+00	4.9E-04	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.7E-09
134	0.00	3.2E-09	2.9E+00	4.9E-04	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.2E-09
135	0.00	2.3E-09	2.1E+00	4.9E-04	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.3E-09
136	0.00	1.7E-09	1.6E+00	4.9E-04	1.0E-03	8.1E-07	1.6E-01	1.4E-02	1.7E-09
137	0.00	4.9E-10	4.5E-01	4.9E-04	1.0E-03	2.3E-07	1.6E-01	1.4E-02	4.9E-10
138	0.00	6.4E-10	5.9E-01	4.9E-04	1.0E-03	3.0E-07	1.6E-01	1.4E-02	6.4E-10
139	0.00	8.7E-10	7.9E-01	4.9E-04	1.0E-03	4.0E-07	1.6E-01	1.4E-02	8.7E-10
140	0.00	1.3E-09	1.1E+00	4.9E-04	1.0E-03	5.8E-07	1.6E-01	1.4E-02	1.3E-09
141	0.00	1.9E-09	1.8E+00	4.9E-04	1.0E-03	9.0E-07	1.6E-01	1.4E-02	1.9E-09
142	0.03	2.8E-08	2.5E+01	4.9E-04	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.8E-08
143	0.01	1.3E-08	1.2E+01	4.9E-04	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.3E-08
144	0.01	7.3E-09	6.7E+00	4.9E-04	1.0E-03	3.4E-06	1.6E-01	1.4E-02	7.3E-09
145	0.00	4.6E-09	4.2E+00	4.9E-04	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.6E-09
146	0.00	3.0E-09	2.8E+00	4.9E-04	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.0E-09
147	0.00	2.1E-09	1.9E+00	4.9E-04	1.0E-03	1.0E-06	1.6E-01	1.4E-02	2.1E-09
148	0.00	1.6E-09	1.4E+00	4.9E-04	1.0E-03	7.3E-07	1.6E-01	1.4E-02	1.6E-09
149	0.00	4.9E-10	4.5E-01	4.9E-04	1.0E-03	2.3E-07	1.6E-01	1.4E-02	4.9E-10
150	0.00	6.3E-10	5.7E-01	4.9E-04	1.0E-03	2.9E-07	1.6E-01	1.4E-02	6.3E-10
151	0.00	8.6E-10	7.8E-01	4.9E-04	1.0E-03	4.0E-07	1.6E-01	1.4E-02	8.6E-10
152	0.00	1.2E-09	1.1E+00	4.9E-04	1.0E-03	5.7E-07	1.6E-01	1.4E-02	1.2E-09
153	0.00	1.9E-09	1.7E+00	4.9E-04	1.0E-03	8.8E-07	1.6E-01	1.4E-02	1.9E-09
154	0.04	4.2E-08	3.8E+01	4.9E-04	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.2E-08
155	0.01	1.3E-08	1.1E+01	4.9E-04	1.0E-03	5.8E-06	1.6E-01	1.4E-02	1.3E-08
156	0.01	6.1E-09	5.6E+00	4.9E-04	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.1E-09
157	0.00	3.9E-09	3.6E+00	4.9E-04	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.9E-09
158	0.00	2.6E-09	2.4E+00	4.9E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
159	0.00	1.8E-09	1.7E+00	4.9E-04	1.0E-03	8.5E-07	1.6E-01	1.4E-02	1.8E-09
160	0.00	1.4E-09	1.2E+00	4.9E-04	1.0E-03	6.3E-07	1.6E-01	1.4E-02	1.4E-09
161	0.00	4.5E-10	4.0E-01	4.9E-04	1.0E-03	2.1E-07	1.6E-01	1.4E-02	4.5E-10
162	0.00	5.7E-10	5.2E-01	4.9E-04	1.0E-03	2.6E-07	1.6E-01	1.4E-02	5.7E-10
163	0.00	7.6E-10	6.9E-01	4.9E-04	1.0E-03	3.5E-07	1.6E-01	1.4E-02	7.6E-10
164	0.00	1.1E-09	1.0E+00	4.9E-04	1.0E-03	5.2E-07	1.6E-01	1.4E-02	1.1E-09
165	0.00	1.7E-09	1.6E+00	4.9E-04	1.0E-03	8.0E-07	1.6E-01	1.4E-02	1.7E-09
166	0.00	2.9E-09	2.7E+00	4.9E-04	1.0E-03	1.4E-06	1.6E-01	1.4E-02	2.9E-09
167	0.01	6.0E-09	5.5E+00	4.9E-04	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.0E-09
168	0.02	1.6E-08	1.5E+01	4.9E-04	1.0E-03	7.7E-06	1.6E-01	1.4E-02	1.6E-08
169	0.03	2.7E-08	2.5E+01	4.9E-04	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.7E-08
170	0.02	1.8E-08	1.6E+01	4.9E-04	1.0E-03	8.2E-06	1.6E-01	1.4E-02	1.8E-08
171	0.01	8.5E-09	7.8E+00	4.9E-04	1.0E-03	4.0E-06	1.6E-01	1.4E-02	8.5E-09
172	0.00	4.4E-09	4.0E+00	4.9E-04	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.4E-09
173	0.00	2.9E-09	2.6E+00	4.9E-04	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.9E-09
174	0.00	2.1E-09	1.9E+00	4.9E-04	1.0E-03	9.9E-07	1.6E-01	1.4E-02	2.1E-09
175	0.00	1.5E-09	1.4E+00	4.9E-04	1.0E-03	7.1E-07	1.6E-01	1.4E-02	1.5E-09
176	0.00	1.2E-09	1.1E+00	4.9E-04	1.0E-03	5.4E-07	1.6E-01	1.4E-02	1.2E-09
177	0.00	4.1E-10	3.8E-01	4.9E-04	1.0E-03	1.9E-07	1.6E-01	1.4E-02	4.1E-10

178	0.00	5.2E-10	4.8E-01	4.9E-04	1.0E-03	2.4E-07	1.6E-01	1.4E-02	5.2E-10
179	0.00	6.8E-10	6.1E-01	4.9E-04	1.0E-03	3.1E-07	1.6E-01	1.4E-02	6.8E-10
180	0.00	9.9E-10	9.0E-01	4.9E-04	1.0E-03	4.6E-07	1.6E-01	1.4E-02	9.9E-10
181	0.00	1.4E-09	1.3E+00	4.9E-04	1.0E-03	6.7E-07	1.6E-01	1.4E-02	1.4E-09
182	0.00	2.2E-09	2.0E+00	4.9E-04	1.0E-03	1.0E-06	1.6E-01	1.4E-02	2.2E-09
183	0.00	3.8E-09	3.4E+00	4.9E-04	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.8E-09
184	0.01	6.4E-09	5.8E+00	4.9E-04	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.4E-09
185	0.01	8.6E-09	7.8E+00	4.9E-04	1.0E-03	4.0E-06	1.6E-01	1.4E-02	8.6E-09
186	0.01	7.6E-09	6.9E+00	4.9E-04	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.6E-09
187	0.01	5.3E-09	4.8E+00	4.9E-04	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.3E-09
188	0.00	3.5E-09	3.2E+00	4.9E-04	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09
189	0.00	2.3E-09	2.0E+00	4.9E-04	1.0E-03	1.0E-06	1.6E-01	1.4E-02	2.3E-09
190	0.00	1.7E-09	1.6E+00	4.9E-04	1.0E-03	8.1E-07	1.6E-01	1.4E-02	1.7E-09
191	0.00	1.3E-09	1.2E+00	4.9E-04	1.0E-03	6.1E-07	1.6E-01	1.4E-02	1.3E-09
192	0.00	1.0E-09	9.2E-01	4.9E-04	1.0E-03	4.7E-07	1.6E-01	1.4E-02	1.0E-09
193	0.00	3.8E-10	3.5E-01	4.9E-04	1.0E-03	1.8E-07	1.6E-01	1.4E-02	3.8E-10
194	0.00	4.9E-10	4.5E-01	4.9E-04	1.0E-03	2.3E-07	1.6E-01	1.4E-02	4.9E-10
195	0.00	6.5E-10	5.9E-01	4.9E-04	1.0E-03	3.0E-07	1.6E-01	1.4E-02	6.5E-10
196	0.00	8.6E-10	7.8E-01	4.9E-04	1.0E-03	4.0E-07	1.6E-01	1.4E-02	8.6E-10
197	0.00	1.2E-09	1.1E+00	4.9E-04	1.0E-03	5.4E-07	1.6E-01	1.4E-02	1.2E-09
198	0.00	1.7E-09	1.5E+00	4.9E-04	1.0E-03	7.7E-07	1.6E-01	1.4E-02	1.7E-09
199	0.00	2.5E-09	2.2E+00	4.9E-04	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.5E-09
200	0.00	3.5E-09	3.2E+00	4.9E-04	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09
201	0.00	4.3E-09	3.9E+00	4.9E-04	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.3E-09
202	0.00	4.1E-09	3.7E+00	4.9E-04	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.1E-09
203	0.00	3.2E-09	2.9E+00	4.9E-04	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.2E-09
204	0.00	2.5E-09	2.3E+00	4.9E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.5E-09
205	0.00	1.9E-09	1.7E+00	4.9E-04	1.0E-03	8.7E-07	1.6E-01	1.4E-02	1.9E-09
206	0.00	1.4E-09	1.2E+00	4.9E-04	1.0E-03	6.4E-07	1.6E-01	1.4E-02	1.4E-09
207	0.00	1.1E-09	1.0E+00	4.9E-04	1.0E-03	5.3E-07	1.6E-01	1.4E-02	1.1E-09
208	0.00	9.0E-10	8.2E-01	4.9E-04	1.0E-03	4.2E-07	1.6E-01	1.4E-02	9.0E-10
209	0.00	3.8E-10	3.4E-01	4.9E-04	1.0E-03	1.7E-07	1.6E-01	1.4E-02	3.8E-10
210	0.00	4.6E-10	4.2E-01	4.9E-04	1.0E-03	2.1E-07	1.6E-01	1.4E-02	4.6E-10
211	0.00	5.7E-10	5.2E-01	4.9E-04	1.0E-03	2.7E-07	1.6E-01	1.4E-02	5.7E-10
212	0.00	7.2E-10	6.5E-01	4.9E-04	1.0E-03	3.3E-07	1.6E-01	1.4E-02	7.2E-10
213	0.00	9.4E-10	8.5E-01	4.9E-04	1.0E-03	4.4E-07	1.6E-01	1.4E-02	9.4E-10
214	0.00	1.3E-09	1.2E+00	4.9E-04	1.0E-03	5.9E-07	1.6E-01	1.4E-02	1.3E-09
215	0.00	1.7E-09	1.6E+00	4.9E-04	1.0E-03	8.0E-07	1.6E-01	1.4E-02	1.7E-09
216	0.00	2.2E-09	2.0E+00	4.9E-04	1.0E-03	1.0E-06	1.6E-01	1.4E-02	2.2E-09
217	0.00	2.5E-09	2.3E+00	4.9E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.5E-09
218	0.00	2.6E-09	2.3E+00	4.9E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
219	0.00	2.4E-09	2.1E+00	4.9E-04	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.4E-09
220	0.00	2.0E-09	1.8E+00	4.9E-04	1.0E-03	9.2E-07	1.6E-01	1.4E-02	2.0E-09
221	0.00	1.6E-09	1.4E+00	4.9E-04	1.0E-03	7.4E-07	1.6E-01	1.4E-02	1.6E-09
222	0.00	1.2E-09	1.1E+00	4.9E-04	1.0E-03	5.4E-07	1.6E-01	1.4E-02	1.2E-09
223	0.00	9.3E-10	8.4E-01	4.9E-04	1.0E-03	4.3E-07	1.6E-01	1.4E-02	9.3E-10

224	0.00	8.1E-10	7.4E-01	4.9E-04	1.0E-03	3.8E-07	1.6E-01	1.4E-02	8.1E-10
225	0.00	3.5E-10	3.1E-01	4.9E-04	1.0E-03	1.6E-07	1.6E-01	1.4E-02	3.5E-10
226	0.00	4.1E-10	3.7E-01	4.9E-04	1.0E-03	1.9E-07	1.6E-01	1.4E-02	4.1E-10
227	0.00	5.0E-10	4.5E-01	4.9E-04	1.0E-03	2.3E-07	1.6E-01	1.4E-02	5.0E-10
228	0.00	6.1E-10	5.6E-01	4.9E-04	1.0E-03	2.8E-07	1.6E-01	1.4E-02	6.1E-10
229	0.00	7.7E-10	7.0E-01	4.9E-04	1.0E-03	3.6E-07	1.6E-01	1.4E-02	7.7E-10
230	0.00	9.9E-10	9.0E-01	4.9E-04	1.0E-03	4.6E-07	1.6E-01	1.4E-02	9.9E-10
231	0.00	1.3E-09	1.1E+00	4.9E-04	1.0E-03	5.8E-07	1.6E-01	1.4E-02	1.3E-09
232	0.00	1.5E-09	1.4E+00	4.9E-04	1.0E-03	7.1E-07	1.6E-01	1.4E-02	1.5E-09
233	0.00	1.7E-09	1.6E+00	4.9E-04	1.0E-03	8.0E-07	1.6E-01	1.4E-02	1.7E-09
234	0.00	1.8E-09	1.6E+00	4.9E-04	1.0E-03	8.3E-07	1.6E-01	1.4E-02	1.8E-09
235	0.00	1.7E-09	1.5E+00	4.9E-04	1.0E-03	7.9E-07	1.6E-01	1.4E-02	1.7E-09
236	0.00	1.5E-09	1.4E+00	4.9E-04	1.0E-03	7.0E-07	1.6E-01	1.4E-02	1.5E-09
237	0.00	1.3E-09	1.2E+00	4.9E-04	1.0E-03	6.0E-07	1.6E-01	1.4E-02	1.3E-09
238	0.00	1.1E-09	9.7E-01	4.9E-04	1.0E-03	4.9E-07	1.6E-01	1.4E-02	1.1E-09
239	0.00	8.1E-10	7.4E-01	4.9E-04	1.0E-03	3.8E-07	1.6E-01	1.4E-02	8.1E-10
240	0.00	6.7E-10	6.1E-01	4.9E-04	1.0E-03	3.1E-07	1.6E-01	1.4E-02	6.7E-10
241	0.00	3.1E-10	2.8E-01	4.9E-04	1.0E-03	1.4E-07	1.6E-01	1.4E-02	3.1E-10
242	0.00	3.6E-10	3.3E-01	4.9E-04	1.0E-03	1.7E-07	1.6E-01	1.4E-02	3.6E-10
243	0.00	4.3E-10	3.9E-01	4.9E-04	1.0E-03	2.0E-07	1.6E-01	1.4E-02	4.3E-10
244	0.00	5.1E-10	4.7E-01	4.9E-04	1.0E-03	2.4E-07	1.6E-01	1.4E-02	5.1E-10
245	0.00	6.3E-10	5.7E-01	4.9E-04	1.0E-03	2.9E-07	1.6E-01	1.4E-02	6.3E-10
246	0.00	7.8E-10	7.0E-01	4.9E-04	1.0E-03	3.6E-07	1.6E-01	1.4E-02	7.8E-10
247	0.00	9.5E-10	8.6E-01	4.9E-04	1.0E-03	4.4E-07	1.6E-01	1.4E-02	9.5E-10
248	0.00	1.1E-09	1.0E+00	4.9E-04	1.0E-03	5.2E-07	1.6E-01	1.4E-02	1.1E-09
249	0.00	1.2E-09	1.1E+00	4.9E-04	1.0E-03	5.8E-07	1.6E-01	1.4E-02	1.2E-09
250	0.00	1.3E-09	1.2E+00	4.9E-04	1.0E-03	6.0E-07	1.6E-01	1.4E-02	1.3E-09
251	0.00	1.3E-09	1.1E+00	4.9E-04	1.0E-03	5.9E-07	1.6E-01	1.4E-02	1.3E-09
252	0.00	1.2E-09	1.1E+00	4.9E-04	1.0E-03	5.4E-07	1.6E-01	1.4E-02	1.2E-09
253	0.00	1.0E-09	9.5E-01	4.9E-04	1.0E-03	4.8E-07	1.6E-01	1.4E-02	1.0E-09
254	0.00	9.0E-10	8.2E-01	4.9E-04	1.0E-03	4.2E-07	1.6E-01	1.4E-02	9.0E-10
255	0.00	7.5E-10	6.9E-01	4.9E-04	1.0E-03	3.5E-07	1.6E-01	1.4E-02	7.5E-10
256	0.00	6.0E-10	5.4E-01	4.9E-04	1.0E-03	2.8E-07	1.6E-01	1.4E-02	6.0E-10
257	0.00	2.8E-10	2.5E-01	4.9E-04	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.8E-10
258	0.00	3.2E-10	2.9E-01	4.9E-04	1.0E-03	1.5E-07	1.6E-01	1.4E-02	3.2E-10
259	0.00	3.7E-10	3.4E-01	4.9E-04	1.0E-03	1.7E-07	1.6E-01	1.4E-02	3.7E-10
260	0.00	4.4E-10	4.0E-01	4.9E-04	1.0E-03	2.1E-07	1.6E-01	1.4E-02	4.4E-10
261	0.00	5.3E-10	4.8E-01	4.9E-04	1.0E-03	2.5E-07	1.6E-01	1.4E-02	5.3E-10
262	0.00	6.3E-10	5.7E-01	4.9E-04	1.0E-03	2.9E-07	1.6E-01	1.4E-02	6.3E-10
263	0.00	7.5E-10	6.8E-01	4.9E-04	1.0E-03	3.5E-07	1.6E-01	1.4E-02	7.5E-10
264	0.00	8.5E-10	7.8E-01	4.9E-04	1.0E-03	4.0E-07	1.6E-01	1.4E-02	8.5E-10
265	0.00	9.4E-10	8.5E-01	4.9E-04	1.0E-03	4.3E-07	1.6E-01	1.4E-02	9.4E-10
266	0.00	9.8E-10	8.9E-01	4.9E-04	1.0E-03	4.5E-07	1.6E-01	1.4E-02	9.8E-10
267	0.00	9.7E-10	8.8E-01	4.9E-04	1.0E-03	4.5E-07	1.6E-01	1.4E-02	9.7E-10
268	0.00	9.2E-10	8.4E-01	4.9E-04	1.0E-03	4.3E-07	1.6E-01	1.4E-02	9.2E-10
269	0.00	8.5E-10	7.7E-01	4.9E-04	1.0E-03	3.9E-07	1.6E-01	1.4E-02	8.5E-10

270	0.00	7.6E-10	6.9E-01	4.9E-04	1.0E-03	3.5E-07	1.6E-01	1.4E-02	7.6E-10
271	0.00	6.6E-10	6.0E-01	4.9E-04	1.0E-03	3.1E-07	1.6E-01	1.4E-02	6.6E-10
272	0.00	5.4E-10	4.9E-01	4.9E-04	1.0E-03	2.5E-07	1.6E-01	1.4E-02	5.4E-10
273	0.00	1.6E-09	1.4E+00	4.9E-04	1.0E-03	7.2E-07	1.6E-01	1.4E-02	1.6E-09
274	0.00	1.6E-09	1.5E+00	4.9E-04	1.0E-03	7.6E-07	1.6E-01	1.4E-02	1.6E-09
275	0.00	1.7E-09	1.6E+00	4.9E-04	1.0E-03	8.1E-07	1.6E-01	1.4E-02	1.7E-09
276	0.00	1.9E-09	1.7E+00	4.9E-04	1.0E-03	8.6E-07	1.6E-01	1.4E-02	1.9E-09
277	0.00	2.0E-09	1.8E+00	4.9E-04	1.0E-03	9.2E-07	1.6E-01	1.4E-02	2.0E-09
278	0.00	2.1E-09	1.9E+00	4.9E-04	1.0E-03	9.8E-07	1.6E-01	1.4E-02	2.1E-09
279	0.00	2.2E-09	2.0E+00	4.9E-04	1.0E-03	1.0E-06	1.6E-01	1.4E-02	2.2E-09
280	0.00	2.4E-09	2.1E+00	4.9E-04	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.4E-09
281	0.00	2.5E-09	2.3E+00	4.9E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.5E-09
282	0.00	2.6E-09	2.4E+00	4.9E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
283	0.00	2.8E-09	2.6E+00	4.9E-04	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
284	0.00	2.9E-09	2.7E+00	4.9E-04	1.0E-03	1.4E-06	1.6E-01	1.4E-02	2.9E-09
285	0.00	3.1E-09	2.8E+00	4.9E-04	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.1E-09
286	0.00	3.3E-09	3.0E+00	4.9E-04	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
287	0.00	3.5E-09	3.1E+00	4.9E-04	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09
288	0.00	3.6E-09	3.3E+00	4.9E-04	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.6E-09
289	0.00	3.8E-09	3.5E+00	4.9E-04	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.8E-09
290	0.00	4.0E-09	3.7E+00	4.9E-04	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.0E-09
291	0.00	4.2E-09	3.8E+00	4.9E-04	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.2E-09
292	0.00	4.3E-09	3.9E+00	4.9E-04	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.3E-09
293	0.00	4.4E-09	4.0E+00	4.9E-04	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.4E-09
294	0.00	4.4E-09	4.0E+00	4.9E-04	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.4E-09
295	0.00	4.5E-09	4.1E+00	4.9E-04	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.5E-09
296	0.00	4.5E-09	4.0E+00	4.9E-04	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.5E-09
297	0.00	4.4E-09	4.0E+00	4.9E-04	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.4E-09
298	0.00	4.4E-09	4.0E+00	4.9E-04	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.4E-09
299	0.00	1.7E-09	1.5E+00	4.9E-04	1.0E-03	7.7E-07	1.6E-01	1.4E-02	1.7E-09
300	0.00	1.8E-09	1.6E+00	4.9E-04	1.0E-03	8.2E-07	1.6E-01	1.4E-02	1.8E-09
301	0.00	1.9E-09	1.7E+00	4.9E-04	1.0E-03	8.8E-07	1.6E-01	1.4E-02	1.9E-09
302	0.00	2.0E-09	1.8E+00	4.9E-04	1.0E-03	9.4E-07	1.6E-01	1.4E-02	2.0E-09
303	0.00	2.2E-09	2.0E+00	4.9E-04	1.0E-03	1.0E-06	1.6E-01	1.4E-02	2.2E-09
304	0.00	2.3E-09	2.1E+00	4.9E-04	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.3E-09
305	0.00	2.5E-09	2.2E+00	4.9E-04	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.5E-09
306	0.00	2.6E-09	2.4E+00	4.9E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
307	0.00	2.8E-09	2.5E+00	4.9E-04	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
308	0.00	3.0E-09	2.7E+00	4.9E-04	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.0E-09
309	0.00	3.2E-09	2.9E+00	4.9E-04	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.2E-09
310	0.00	3.3E-09	3.0E+00	4.9E-04	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.3E-09
311	0.00	3.5E-09	3.2E+00	4.9E-04	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09
312	0.00	3.7E-09	3.4E+00	4.9E-04	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09
313	0.00	4.0E-09	3.6E+00	4.9E-04	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.0E-09
314	0.00	4.2E-09	3.8E+00	4.9E-04	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.2E-09
315	0.00	4.5E-09	4.0E+00	4.9E-04	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.5E-09

316	0.00	4.7E-09	4.3E+00	4.9E-04	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.7E-09
317	0.00	4.9E-09	4.4E+00	4.9E-04	1.0E-03	2.3E-06	1.6E-01	1.4E-02	4.9E-09
318	0.00	5.0E-09	4.5E+00	4.9E-04	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.0E-09
319	0.01	5.1E-09	4.6E+00	4.9E-04	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.1E-09
320	0.01	5.1E-09	4.6E+00	4.9E-04	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.1E-09
321	0.01	5.1E-09	4.6E+00	4.9E-04	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.1E-09
322	0.01	5.0E-09	4.6E+00	4.9E-04	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.0E-09
323	0.00	5.0E-09	4.5E+00	4.9E-04	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.0E-09
324	0.00	4.9E-09	4.4E+00	4.9E-04	1.0E-03	2.3E-06	1.6E-01	1.4E-02	4.9E-09
325	0.00	1.8E-09	1.6E+00	4.9E-04	1.0E-03	8.3E-07	1.6E-01	1.4E-02	1.8E-09
326	0.00	1.9E-09	1.7E+00	4.9E-04	1.0E-03	8.9E-07	1.6E-01	1.4E-02	1.9E-09
327	0.00	2.0E-09	1.9E+00	4.9E-04	1.0E-03	9.5E-07	1.6E-01	1.4E-02	2.0E-09
328	0.00	2.2E-09	2.0E+00	4.9E-04	1.0E-03	1.0E-06	1.6E-01	1.4E-02	2.2E-09
329	0.00	2.4E-09	2.2E+00	4.9E-04	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.4E-09
330	0.00	2.6E-09	2.3E+00	4.9E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
331	0.00	2.7E-09	2.5E+00	4.9E-04	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.7E-09
332	0.00	2.9E-09	2.7E+00	4.9E-04	1.0E-03	1.4E-06	1.6E-01	1.4E-02	2.9E-09
333	0.00	3.1E-09	2.9E+00	4.9E-04	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.1E-09
334	0.00	3.4E-09	3.1E+00	4.9E-04	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.4E-09
335	0.00	3.6E-09	3.3E+00	4.9E-04	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.6E-09
336	0.00	3.9E-09	3.5E+00	4.9E-04	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.9E-09
337	0.00	4.1E-09	3.7E+00	4.9E-04	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.1E-09
338	0.00	4.4E-09	4.0E+00	4.9E-04	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.4E-09
339	0.00	4.7E-09	4.3E+00	4.9E-04	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.7E-09
340	0.00	5.0E-09	4.5E+00	4.9E-04	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.0E-09
341	0.01	5.2E-09	4.8E+00	4.9E-04	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.2E-09
342	0.01	5.5E-09	5.0E+00	4.9E-04	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.5E-09
343	0.01	5.7E-09	5.2E+00	4.9E-04	1.0E-03	2.7E-06	1.6E-01	1.4E-02	5.7E-09
344	0.01	5.8E-09	5.3E+00	4.9E-04	1.0E-03	2.7E-06	1.6E-01	1.4E-02	5.8E-09
345	0.01	5.8E-09	5.3E+00	4.9E-04	1.0E-03	2.7E-06	1.6E-01	1.4E-02	5.8E-09
346	0.01	5.8E-09	5.3E+00	4.9E-04	1.0E-03	2.7E-06	1.6E-01	1.4E-02	5.8E-09
347	0.01	5.8E-09	5.2E+00	4.9E-04	1.0E-03	2.7E-06	1.6E-01	1.4E-02	5.8E-09
348	0.01	5.7E-09	5.2E+00	4.9E-04	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.7E-09
349	0.01	5.6E-09	5.0E+00	4.9E-04	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.6E-09
350	0.01	5.4E-09	4.9E+00	4.9E-04	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.4E-09
351	0.00	1.9E-09	1.7E+00	4.9E-04	1.0E-03	8.9E-07	1.6E-01	1.4E-02	1.9E-09
352	0.00	2.1E-09	1.9E+00	4.9E-04	1.0E-03	9.6E-07	1.6E-01	1.4E-02	2.1E-09
353	0.00	2.2E-09	2.0E+00	4.9E-04	1.0E-03	1.0E-06	1.6E-01	1.4E-02	2.2E-09
354	0.00	2.4E-09	2.2E+00	4.9E-04	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.4E-09
355	0.00	2.6E-09	2.4E+00	4.9E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
356	0.00	2.8E-09	2.6E+00	4.9E-04	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
357	0.00	3.1E-09	2.8E+00	4.9E-04	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.1E-09
358	0.00	3.3E-09	3.0E+00	4.9E-04	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
359	0.00	3.6E-09	3.3E+00	4.9E-04	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.6E-09
360	0.00	3.9E-09	3.5E+00	4.9E-04	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.9E-09
361	0.00	4.2E-09	3.8E+00	4.9E-04	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.2E-09

362	0.00	4.5E-09	4.1E+00	4.9E-04	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.5E-09
363	0.00	4.8E-09	4.4E+00	4.9E-04	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09
364	0.01	5.2E-09	4.7E+00	4.9E-04	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.2E-09
365	0.01	5.6E-09	5.1E+00	4.9E-04	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.6E-09
366	0.01	5.9E-09	5.4E+00	4.9E-04	1.0E-03	2.8E-06	1.6E-01	1.4E-02	5.9E-09
367	0.01	6.3E-09	5.7E+00	4.9E-04	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.3E-09
368	0.01	6.6E-09	6.0E+00	4.9E-04	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.6E-09
369	0.01	6.8E-09	6.1E+00	4.9E-04	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.8E-09
370	0.01	6.8E-09	6.2E+00	4.9E-04	1.0E-03	3.2E-06	1.6E-01	1.4E-02	6.8E-09
371	0.01	6.8E-09	6.2E+00	4.9E-04	1.0E-03	3.2E-06	1.6E-01	1.4E-02	6.8E-09
372	0.01	6.7E-09	6.1E+00	4.9E-04	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.7E-09
373	0.01	6.6E-09	6.0E+00	4.9E-04	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.6E-09
374	0.01	6.4E-09	5.8E+00	4.9E-04	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.4E-09
375	0.01	6.2E-09	5.7E+00	4.9E-04	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.2E-09
376	0.01	6.0E-09	5.5E+00	4.9E-04	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.0E-09
377	0.00	2.1E-09	1.9E+00	4.9E-04	1.0E-03	9.5E-07	1.6E-01	1.4E-02	2.1E-09
378	0.00	2.2E-09	2.0E+00	4.9E-04	1.0E-03	1.0E-06	1.6E-01	1.4E-02	2.2E-09
379	0.00	2.4E-09	2.2E+00	4.9E-04	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.4E-09
380	0.00	2.6E-09	2.4E+00	4.9E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
381	0.00	2.9E-09	2.6E+00	4.9E-04	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.9E-09
382	0.01	7.7E-09	7.0E+00	4.9E-04	1.0E-03	3.6E-06	1.6E-01	1.4E-02	7.7E-09
383	0.01	7.9E-09	7.2E+00	4.9E-04	1.0E-03	3.7E-06	1.6E-01	1.4E-02	7.9E-09
384	0.01	8.1E-09	7.3E+00	4.9E-04	1.0E-03	3.8E-06	1.6E-01	1.4E-02	8.1E-09
385	0.01	8.1E-09	7.3E+00	4.9E-04	1.0E-03	3.7E-06	1.6E-01	1.4E-02	8.1E-09
386	0.01	7.9E-09	7.2E+00	4.9E-04	1.0E-03	3.7E-06	1.6E-01	1.4E-02	7.9E-09
387	0.01	7.7E-09	7.0E+00	4.9E-04	1.0E-03	3.6E-06	1.6E-01	1.4E-02	7.7E-09
388	0.01	7.5E-09	6.8E+00	4.9E-04	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.5E-09
389	0.01	7.2E-09	6.6E+00	4.9E-04	1.0E-03	3.4E-06	1.6E-01	1.4E-02	7.2E-09
390	0.01	7.0E-09	6.3E+00	4.9E-04	1.0E-03	3.2E-06	1.6E-01	1.4E-02	7.0E-09
391	0.01	6.7E-09	6.1E+00	4.9E-04	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.7E-09
392	0.00	2.2E-09	2.0E+00	4.9E-04	1.0E-03	1.0E-06	1.6E-01	1.4E-02	2.2E-09
393	0.00	2.4E-09	2.2E+00	4.9E-04	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.4E-09
394	0.00	2.6E-09	2.4E+00	4.9E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
395	0.00	2.9E-09	2.6E+00	4.9E-04	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.9E-09
396	0.00	3.2E-09	2.9E+00	4.9E-04	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.2E-09
397	0.01	9.5E-09	8.6E+00	4.9E-04	1.0E-03	4.4E-06	1.6E-01	1.4E-02	9.5E-09
398	0.01	9.7E-09	8.8E+00	4.9E-04	1.0E-03	4.5E-06	1.6E-01	1.4E-02	9.7E-09
399	0.01	9.7E-09	8.8E+00	4.9E-04	1.0E-03	4.5E-06	1.6E-01	1.4E-02	9.7E-09
400	0.01	9.5E-09	8.7E+00	4.9E-04	1.0E-03	4.4E-06	1.6E-01	1.4E-02	9.5E-09
401	0.01	9.3E-09	8.4E+00	4.9E-04	1.0E-03	4.3E-06	1.6E-01	1.4E-02	9.3E-09
402	0.01	8.9E-09	8.1E+00	4.9E-04	1.0E-03	4.1E-06	1.6E-01	1.4E-02	8.9E-09
403	0.01	8.5E-09	7.7E+00	4.9E-04	1.0E-03	4.0E-06	1.6E-01	1.4E-02	8.5E-09
404	0.01	8.1E-09	7.4E+00	4.9E-04	1.0E-03	3.8E-06	1.6E-01	1.4E-02	8.1E-09
405	0.01	7.7E-09	7.0E+00	4.9E-04	1.0E-03	3.6E-06	1.6E-01	1.4E-02	7.7E-09
406	0.01	7.4E-09	6.7E+00	4.9E-04	1.0E-03	3.4E-06	1.6E-01	1.4E-02	7.4E-09
407	0.00	2.3E-09	2.1E+00	4.9E-04	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.3E-09

408	0.00	2.6E-09	2.3E+00	4.9E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
409	0.00	2.8E-09	2.6E+00	4.9E-04	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
410	0.00	3.1E-09	2.8E+00	4.9E-04	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.1E-09
411	0.00	3.5E-09	3.2E+00	4.9E-04	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09
412	0.01	1.2E-08	1.1E+01	4.9E-04	1.0E-03	5.6E-06	1.6E-01	1.4E-02	1.2E-08
413	0.01	1.2E-08	1.1E+01	4.9E-04	1.0E-03	5.6E-06	1.6E-01	1.4E-02	1.2E-08
414	0.01	1.2E-08	1.1E+01	4.9E-04	1.0E-03	5.5E-06	1.6E-01	1.4E-02	1.2E-08
415	0.01	1.1E-08	1.0E+01	4.9E-04	1.0E-03	5.3E-06	1.6E-01	1.4E-02	1.1E-08
416	0.01	1.1E-08	9.8E+00	4.9E-04	1.0E-03	5.0E-06	1.6E-01	1.4E-02	1.1E-08
417	0.01	1.0E-08	9.3E+00	4.9E-04	1.0E-03	4.8E-06	1.6E-01	1.4E-02	1.0E-08
418	0.01	9.7E-09	8.8E+00	4.9E-04	1.0E-03	4.5E-06	1.6E-01	1.4E-02	9.7E-09
419	0.01	9.1E-09	8.3E+00	4.9E-04	1.0E-03	4.2E-06	1.6E-01	1.4E-02	9.1E-09
420	0.01	8.6E-09	7.8E+00	4.9E-04	1.0E-03	4.0E-06	1.6E-01	1.4E-02	8.6E-09
421	0.01	8.1E-09	7.3E+00	4.9E-04	1.0E-03	3.7E-06	1.6E-01	1.4E-02	8.1E-09
422	0.00	2.5E-09	2.3E+00	4.9E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.5E-09
423	0.00	2.8E-09	2.5E+00	4.9E-04	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
424	0.00	3.1E-09	2.8E+00	4.9E-04	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.1E-09
425	0.00	3.4E-09	3.1E+00	4.9E-04	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.4E-09
426	0.00	3.8E-09	3.5E+00	4.9E-04	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.8E-09
427	0.02	1.6E-08	1.4E+01	4.9E-04	1.0E-03	7.2E-06	1.6E-01	1.4E-02	1.6E-08
428	0.02	1.5E-08	1.4E+01	4.9E-04	1.0E-03	7.0E-06	1.6E-01	1.4E-02	1.5E-08
429	0.01	1.4E-08	1.3E+01	4.9E-04	1.0E-03	6.7E-06	1.6E-01	1.4E-02	1.4E-08
430	0.01	1.3E-08	1.2E+01	4.9E-04	1.0E-03	6.3E-06	1.6E-01	1.4E-02	1.3E-08
431	0.01	1.3E-08	1.1E+01	4.9E-04	1.0E-03	5.8E-06	1.6E-01	1.4E-02	1.3E-08
432	0.01	1.2E-08	1.1E+01	4.9E-04	1.0E-03	5.4E-06	1.6E-01	1.4E-02	1.2E-08
433	0.01	1.1E-08	9.9E+00	4.9E-04	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08
434	0.01	1.0E-08	9.2E+00	4.9E-04	1.0E-03	4.7E-06	1.6E-01	1.4E-02	1.0E-08
435	0.01	9.4E-09	8.6E+00	4.9E-04	1.0E-03	4.4E-06	1.6E-01	1.4E-02	9.4E-09
436	0.01	8.8E-09	8.0E+00	4.9E-04	1.0E-03	4.1E-06	1.6E-01	1.4E-02	8.8E-09
437	0.00	2.7E-09	2.4E+00	4.9E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.7E-09
438	0.00	2.9E-09	2.7E+00	4.9E-04	1.0E-03	1.4E-06	1.6E-01	1.4E-02	2.9E-09
439	0.00	3.3E-09	3.0E+00	4.9E-04	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
440	0.00	3.7E-09	3.3E+00	4.9E-04	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09
441	0.00	4.2E-09	3.8E+00	4.9E-04	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.2E-09
442	0.02	2.1E-08	1.9E+01	4.9E-04	1.0E-03	9.5E-06	1.6E-01	1.4E-02	2.1E-08
443	0.02	1.9E-08	1.7E+01	4.9E-04	1.0E-03	8.9E-06	1.6E-01	1.4E-02	1.9E-08
444	0.02	1.7E-08	1.6E+01	4.9E-04	1.0E-03	8.1E-06	1.6E-01	1.4E-02	1.7E-08
445	0.02	1.6E-08	1.4E+01	4.9E-04	1.0E-03	7.4E-06	1.6E-01	1.4E-02	1.6E-08
446	0.01	1.5E-08	1.3E+01	4.9E-04	1.0E-03	6.8E-06	1.6E-01	1.4E-02	1.5E-08
447	0.01	1.3E-08	1.2E+01	4.9E-04	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.3E-08
448	0.01	1.2E-08	1.1E+01	4.9E-04	1.0E-03	5.7E-06	1.6E-01	1.4E-02	1.2E-08
449	0.01	1.1E-08	1.0E+01	4.9E-04	1.0E-03	5.2E-06	1.6E-01	1.4E-02	1.1E-08
450	0.01	1.0E-08	9.4E+00	4.9E-04	1.0E-03	4.8E-06	1.6E-01	1.4E-02	1.0E-08
451	0.01	9.6E-09	8.7E+00	4.9E-04	1.0E-03	4.4E-06	1.6E-01	1.4E-02	9.6E-09
452	0.00	2.8E-09	2.5E+00	4.9E-04	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
453	0.00	3.1E-09	2.8E+00	4.9E-04	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.1E-09

454	0.00	3.5E-09	3.2E+00	4.9E-04	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09
455	0.00	4.0E-09	3.6E+00	4.9E-04	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.0E-09
456	0.00	4.6E-09	4.2E+00	4.9E-04	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.6E-09
457	0.03	2.7E-08	2.5E+01	4.9E-04	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.7E-08
458	0.02	2.4E-08	2.2E+01	4.9E-04	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
459	0.02	2.1E-08	1.9E+01	4.9E-04	1.0E-03	9.7E-06	1.6E-01	1.4E-02	2.1E-08
460	0.02	1.9E-08	1.7E+01	4.9E-04	1.0E-03	8.6E-06	1.6E-01	1.4E-02	1.9E-08
461	0.02	1.7E-08	1.5E+01	4.9E-04	1.0E-03	7.7E-06	1.6E-01	1.4E-02	1.7E-08
462	0.01	1.5E-08	1.4E+01	4.9E-04	1.0E-03	7.0E-06	1.6E-01	1.4E-02	1.5E-08
463	0.01	1.4E-08	1.2E+01	4.9E-04	1.0E-03	6.3E-06	1.6E-01	1.4E-02	1.4E-08
464	0.01	1.2E-08	1.1E+01	4.9E-04	1.0E-03	5.8E-06	1.6E-01	1.4E-02	1.2E-08
465	0.01	1.1E-08	1.0E+01	4.9E-04	1.0E-03	5.2E-06	1.6E-01	1.4E-02	1.1E-08
466	0.01	1.0E-08	9.4E+00	4.9E-04	1.0E-03	4.8E-06	1.6E-01	1.4E-02	1.0E-08
467	0.00	2.9E-09	2.7E+00	4.9E-04	1.0E-03	1.4E-06	1.6E-01	1.4E-02	2.9E-09
468	0.00	3.3E-09	3.0E+00	4.9E-04	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
469	0.00	3.8E-09	3.4E+00	4.9E-04	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.8E-09
470	0.00	4.3E-09	3.9E+00	4.9E-04	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.3E-09
471	0.01	5.0E-09	4.6E+00	4.9E-04	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.0E-09
472	0.03	3.5E-08	3.1E+01	4.9E-04	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.5E-08
473	0.03	2.9E-08	2.6E+01	4.9E-04	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.9E-08
474	0.02	2.4E-08	2.2E+01	4.9E-04	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
475	0.02	2.1E-08	1.9E+01	4.9E-04	1.0E-03	9.9E-06	1.6E-01	1.4E-02	2.1E-08
476	0.02	1.9E-08	1.7E+01	4.9E-04	1.0E-03	8.7E-06	1.6E-01	1.4E-02	1.9E-08
477	0.02	1.7E-08	1.5E+01	4.9E-04	1.0E-03	7.8E-06	1.6E-01	1.4E-02	1.7E-08
478	0.01	1.5E-08	1.4E+01	4.9E-04	1.0E-03	7.0E-06	1.6E-01	1.4E-02	1.5E-08
479	0.01	1.4E-08	1.2E+01	4.9E-04	1.0E-03	6.3E-06	1.6E-01	1.4E-02	1.4E-08
480	0.01	1.2E-08	1.1E+01	4.9E-04	1.0E-03	5.7E-06	1.6E-01	1.4E-02	1.2E-08
481	0.01	1.1E-08	1.0E+01	4.9E-04	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08
482	0.00	3.1E-09	2.8E+00	4.9E-04	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.1E-09
483	0.00	3.5E-09	3.2E+00	4.9E-04	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09
484	0.00	4.0E-09	3.6E+00	4.9E-04	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.0E-09
485	0.00	4.6E-09	4.2E+00	4.9E-04	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.6E-09
486	0.01	5.5E-09	5.0E+00	4.9E-04	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.5E-09
487	0.04	4.1E-08	3.8E+01	4.9E-04	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.1E-08
488	0.03	3.3E-08	3.0E+01	4.9E-04	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.3E-08
489	0.03	2.8E-08	2.5E+01	4.9E-04	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.8E-08
490	0.02	2.4E-08	2.2E+01	4.9E-04	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
491	0.02	2.1E-08	1.9E+01	4.9E-04	1.0E-03	9.7E-06	1.6E-01	1.4E-02	2.1E-08
492	0.02	1.8E-08	1.7E+01	4.9E-04	1.0E-03	8.5E-06	1.6E-01	1.4E-02	1.8E-08
493	0.02	1.6E-08	1.5E+01	4.9E-04	1.0E-03	7.6E-06	1.6E-01	1.4E-02	1.6E-08
494	0.01	1.5E-08	1.3E+01	4.9E-04	1.0E-03	6.8E-06	1.6E-01	1.4E-02	1.5E-08
495	0.01	1.3E-08	1.2E+01	4.9E-04	1.0E-03	6.1E-06	1.6E-01	1.4E-02	1.3E-08
496	0.01	1.2E-08	1.1E+01	4.9E-04	1.0E-03	5.5E-06	1.6E-01	1.4E-02	1.2E-08
497	0.00	3.2E-09	2.9E+00	4.9E-04	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.2E-09
498	0.00	3.7E-09	3.3E+00	4.9E-04	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09
499	0.00	4.2E-09	3.8E+00	4.9E-04	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.2E-09

500	0.00	5.0E-09	4.5E+00	4.9E-04	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.0E-09
501	0.01	5.9E-09	5.4E+00	4.9E-04	1.0E-03	2.7E-06	1.6E-01	1.4E-02	5.9E-09
502	0.05	4.7E-08	4.2E+01	4.9E-04	1.0E-03	2.2E-05	1.6E-01	1.4E-02	4.7E-08
503	0.04	3.7E-08	3.4E+01	4.9E-04	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.7E-08
504	0.03	3.1E-08	2.8E+01	4.9E-04	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.1E-08
505	0.03	2.6E-08	2.4E+01	4.9E-04	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.6E-08
506	0.02	2.3E-08	2.1E+01	4.9E-04	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.3E-08
507	0.02	2.0E-08	1.8E+01	4.9E-04	1.0E-03	9.3E-06	1.6E-01	1.4E-02	2.0E-08
508	0.02	1.8E-08	1.6E+01	4.9E-04	1.0E-03	8.2E-06	1.6E-01	1.4E-02	1.8E-08
509	0.02	1.6E-08	1.4E+01	4.9E-04	1.0E-03	7.3E-06	1.6E-01	1.4E-02	1.6E-08
510	0.01	1.4E-08	1.3E+01	4.9E-04	1.0E-03	6.5E-06	1.6E-01	1.4E-02	1.4E-08
511	0.01	1.2E-08	1.1E+01	4.9E-04	1.0E-03	5.8E-06	1.6E-01	1.4E-02	1.2E-08
512	0.00	3.3E-09	3.0E+00	4.9E-04	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
513	0.00	3.8E-09	3.5E+00	4.9E-04	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.8E-09
514	0.00	4.4E-09	4.0E+00	4.9E-04	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.4E-09
515	0.01	5.2E-09	4.7E+00	4.9E-04	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.2E-09
516	0.01	6.3E-09	5.7E+00	4.9E-04	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.3E-09
517	0.05	5.1E-08	4.6E+01	4.9E-04	1.0E-03	2.4E-05	1.6E-01	1.4E-02	5.1E-08
518	0.04	4.1E-08	3.7E+01	4.9E-04	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.1E-08
519	0.03	3.4E-08	3.1E+01	4.9E-04	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.4E-08
520	0.03	2.9E-08	2.6E+01	4.9E-04	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.9E-08
521	0.02	2.5E-08	2.3E+01	4.9E-04	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.5E-08
522	0.02	2.2E-08	2.0E+01	4.9E-04	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08
523	0.02	1.9E-08	1.7E+01	4.9E-04	1.0E-03	8.8E-06	1.6E-01	1.4E-02	1.9E-08
524	0.02	1.7E-08	1.5E+01	4.9E-04	1.0E-03	7.8E-06	1.6E-01	1.4E-02	1.7E-08
525	0.01	1.5E-08	1.3E+01	4.9E-04	1.0E-03	6.9E-06	1.6E-01	1.4E-02	1.5E-08
526	0.01	1.3E-08	1.2E+01	4.9E-04	1.0E-03	6.1E-06	1.6E-01	1.4E-02	1.3E-08
527	0.00	3.4E-09	3.1E+00	4.9E-04	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.4E-09
528	0.00	3.9E-09	3.6E+00	4.9E-04	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.9E-09
529	0.00	4.6E-09	4.2E+00	4.9E-04	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.6E-09
530	0.01	5.5E-09	5.0E+00	4.9E-04	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.5E-09
531	0.01	6.6E-09	6.0E+00	4.9E-04	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.6E-09
532	0.06	5.5E-08	5.0E+01	4.9E-04	1.0E-03	2.6E-05	1.6E-01	1.4E-02	5.5E-08
533	0.05	4.5E-08	4.1E+01	4.9E-04	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.5E-08
534	0.04	3.7E-08	3.4E+01	4.9E-04	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.7E-08
535	0.03	3.1E-08	2.8E+01	4.9E-04	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.1E-08
536	0.03	2.7E-08	2.4E+01	4.9E-04	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.7E-08
537	0.02	2.3E-08	2.1E+01	4.9E-04	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.3E-08
538	0.02	2.0E-08	1.8E+01	4.9E-04	1.0E-03	9.3E-06	1.6E-01	1.4E-02	2.0E-08
539	0.02	1.8E-08	1.6E+01	4.9E-04	1.0E-03	8.2E-06	1.6E-01	1.4E-02	1.8E-08
540	0.02	1.5E-08	1.4E+01	4.9E-04	1.0E-03	7.1E-06	1.6E-01	1.4E-02	1.5E-08
541	0.01	1.3E-08	1.2E+01	4.9E-04	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.3E-08
542	0.00	3.5E-09	3.2E+00	4.9E-04	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09
543	0.00	4.0E-09	3.7E+00	4.9E-04	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.0E-09
544	0.00	4.8E-09	4.3E+00	4.9E-04	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09
545	0.01	5.7E-09	5.1E+00	4.9E-04	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.7E-09

546	0.01	6.9E-09	6.3E+00	4.9E-04	1.0E-03	3.2E-06	1.6E-01	1.4E-02	6.9E-09
547	0.06	6.1E-08	5.6E+01	4.9E-04	1.0E-03	2.9E-05	1.6E-01	1.4E-02	6.1E-08
548	0.05	5.0E-08	4.5E+01	4.9E-04	1.0E-03	2.3E-05	1.6E-01	1.4E-02	5.0E-08
549	0.04	4.1E-08	3.7E+01	4.9E-04	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.1E-08
550	0.03	3.4E-08	3.1E+01	4.9E-04	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.4E-08
551	0.03	2.8E-08	2.5E+01	4.9E-04	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.8E-08
552	0.02	2.3E-08	2.1E+01	4.9E-04	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.3E-08
553	0.02	2.0E-08	1.9E+01	4.9E-04	1.0E-03	9.5E-06	1.6E-01	1.4E-02	2.0E-08
554	0.02	1.8E-08	1.6E+01	4.9E-04	1.0E-03	8.2E-06	1.6E-01	1.4E-02	1.8E-08
555	0.02	1.5E-08	1.4E+01	4.9E-04	1.0E-03	7.1E-06	1.6E-01	1.4E-02	1.5E-08
556	0.01	1.3E-08	1.2E+01	4.9E-04	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.3E-08
557	0.00	3.5E-09	3.2E+00	4.9E-04	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09
558	0.00	4.1E-09	3.7E+00	4.9E-04	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.1E-09
559	0.00	4.8E-09	4.4E+00	4.9E-04	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09
560	0.01	5.8E-09	5.3E+00	4.9E-04	1.0E-03	2.7E-06	1.6E-01	1.4E-02	5.8E-09
561	0.01	7.1E-09	6.4E+00	4.9E-04	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.1E-09
562	0.06	5.6E-08	5.1E+01	4.9E-04	1.0E-03	2.6E-05	1.6E-01	1.4E-02	5.6E-08
563	0.05	4.6E-08	4.1E+01	4.9E-04	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.6E-08
564	0.04	3.7E-08	3.3E+01	4.9E-04	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.7E-08
565	0.03	2.8E-08	2.5E+01	4.9E-04	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.8E-08
566	0.02	2.3E-08	2.1E+01	4.9E-04	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.3E-08
567	0.02	2.0E-08	1.8E+01	4.9E-04	1.0E-03	9.2E-06	1.6E-01	1.4E-02	2.0E-08
568	0.02	1.7E-08	1.5E+01	4.9E-04	1.0E-03	7.9E-06	1.6E-01	1.4E-02	1.7E-08
569	0.01	1.5E-08	1.3E+01	4.9E-04	1.0E-03	6.8E-06	1.6E-01	1.4E-02	1.5E-08
570	0.01	1.3E-08	1.2E+01	4.9E-04	1.0E-03	6.0E-06	1.6E-01	1.4E-02	1.3E-08
571	0.00	3.6E-09	3.3E+00	4.9E-04	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.6E-09
572	0.00	4.2E-09	3.8E+00	4.9E-04	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.2E-09
573	0.00	4.9E-09	4.4E+00	4.9E-04	1.0E-03	2.3E-06	1.6E-01	1.4E-02	4.9E-09
574	0.01	5.9E-09	5.4E+00	4.9E-04	1.0E-03	2.7E-06	1.6E-01	1.4E-02	5.9E-09
575	0.01	7.2E-09	6.5E+00	4.9E-04	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.2E-09
576	0.05	5.2E-08	4.7E+01	4.9E-04	1.0E-03	2.4E-05	1.6E-01	1.4E-02	5.2E-08
577	0.04	4.1E-08	3.8E+01	4.9E-04	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.1E-08
578	0.03	3.2E-08	2.9E+01	4.9E-04	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.2E-08
579	0.03	2.6E-08	2.4E+01	4.9E-04	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.6E-08
580	0.02	2.2E-08	2.0E+01	4.9E-04	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08
581	0.02	1.8E-08	1.6E+01	4.9E-04	1.0E-03	8.2E-06	1.6E-01	1.4E-02	1.8E-08
582	0.01	1.5E-08	1.3E+01	4.9E-04	1.0E-03	6.9E-06	1.6E-01	1.4E-02	1.5E-08
583	0.01	1.3E-08	1.1E+01	4.9E-04	1.0E-03	5.8E-06	1.6E-01	1.4E-02	1.3E-08
584	0.00	3.6E-09	3.3E+00	4.9E-04	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.6E-09
585	0.00	4.2E-09	3.8E+00	4.9E-04	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.2E-09
586	0.00	4.9E-09	4.5E+00	4.9E-04	1.0E-03	2.3E-06	1.6E-01	1.4E-02	4.9E-09
587	0.01	5.9E-09	5.4E+00	4.9E-04	1.0E-03	2.7E-06	1.6E-01	1.4E-02	5.9E-09
588	0.01	7.2E-09	6.5E+00	4.9E-04	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.2E-09
589	0.05	4.9E-08	4.4E+01	4.9E-04	1.0E-03	2.3E-05	1.6E-01	1.4E-02	4.9E-08
590	0.04	3.9E-08	3.5E+01	4.9E-04	1.0E-03	1.8E-05	1.6E-01	1.4E-02	3.9E-08
591	0.03	3.1E-08	2.8E+01	4.9E-04	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.1E-08

592	0.02	2.4E-08	2.2E+01	4.9E-04	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
593	0.02	1.9E-08	1.8E+01	4.9E-04	1.0E-03	9.1E-06	1.6E-01	1.4E-02	1.9E-08
594	0.02	1.6E-08	1.4E+01	4.9E-04	1.0E-03	7.3E-06	1.6E-01	1.4E-02	1.6E-08
595	0.01	1.3E-08	1.2E+01	4.9E-04	1.0E-03	6.0E-06	1.6E-01	1.4E-02	1.3E-08
596	0.00	3.6E-09	3.2E+00	4.9E-04	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.6E-09
597	0.00	4.1E-09	3.8E+00	4.9E-04	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.1E-09
598	0.00	4.9E-09	4.4E+00	4.9E-04	1.0E-03	2.3E-06	1.6E-01	1.4E-02	4.9E-09
599	0.01	5.8E-09	5.3E+00	4.9E-04	1.0E-03	2.7E-06	1.6E-01	1.4E-02	5.8E-09
600	0.01	7.1E-09	6.4E+00	4.9E-04	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.1E-09
601	0.04	4.1E-08	3.8E+01	4.9E-04	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.1E-08
602	0.03	3.2E-08	2.9E+01	4.9E-04	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.2E-08
603	0.02	2.5E-08	2.2E+01	4.9E-04	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.5E-08
604	0.02	2.0E-08	1.8E+01	4.9E-04	1.0E-03	9.1E-06	1.6E-01	1.4E-02	2.0E-08
605	0.02	1.6E-08	1.5E+01	4.9E-04	1.0E-03	7.4E-06	1.6E-01	1.4E-02	1.6E-08
606	0.01	1.3E-08	1.2E+01	4.9E-04	1.0E-03	6.1E-06	1.6E-01	1.4E-02	1.3E-08
607	0.00	3.5E-09	3.2E+00	4.9E-04	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09
608	0.00	4.1E-09	3.7E+00	4.9E-04	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.1E-09
609	0.00	4.8E-09	4.3E+00	4.9E-04	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09
610	0.01	5.7E-09	5.2E+00	4.9E-04	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.7E-09
611	0.01	6.9E-09	6.2E+00	4.9E-04	1.0E-03	3.2E-06	1.6E-01	1.4E-02	6.9E-09
612	0.04	4.2E-08	3.8E+01	4.9E-04	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.2E-08
613	0.03	3.1E-08	2.8E+01	4.9E-04	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.1E-08
614	0.02	2.4E-08	2.2E+01	4.9E-04	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
615	0.02	1.9E-08	1.7E+01	4.9E-04	1.0E-03	8.8E-06	1.6E-01	1.4E-02	1.9E-08
616	0.02	1.5E-08	1.4E+01	4.9E-04	1.0E-03	7.2E-06	1.6E-01	1.4E-02	1.5E-08
617	0.01	1.3E-08	1.1E+01	4.9E-04	1.0E-03	5.8E-06	1.6E-01	1.4E-02	1.3E-08
618	0.00	3.4E-09	3.1E+00	4.9E-04	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.4E-09
619	0.00	4.0E-09	3.6E+00	4.9E-04	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
620	0.00	4.6E-09	4.2E+00	4.9E-04	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.6E-09
621	0.01	5.5E-09	5.0E+00	4.9E-04	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.5E-09
622	0.01	6.6E-09	6.0E+00	4.9E-04	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.6E-09
623	0.04	4.0E-08	3.6E+01	4.9E-04	1.0E-03	1.8E-05	1.6E-01	1.4E-02	4.0E-08
624	0.03	2.9E-08	2.6E+01	4.9E-04	1.0E-03	1.4E-05	1.6E-01	1.4E-02	2.9E-08
625	0.02	2.2E-08	2.0E+01	4.9E-04	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08
626	0.02	1.8E-08	1.6E+01	4.9E-04	1.0E-03	8.3E-06	1.6E-01	1.4E-02	1.8E-08
627	0.01	1.5E-08	1.3E+01	4.9E-04	1.0E-03	6.8E-06	1.6E-01	1.4E-02	1.5E-08
628	0.01	1.2E-08	1.1E+01	4.9E-04	1.0E-03	5.6E-06	1.6E-01	1.4E-02	1.2E-08
629	0.00	3.3E-09	3.0E+00	4.9E-04	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
630	0.00	3.8E-09	3.5E+00	4.9E-04	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.8E-09
631	0.00	4.4E-09	4.0E+00	4.9E-04	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.4E-09
632	0.01	5.2E-09	4.7E+00	4.9E-04	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.2E-09
633	0.01	6.3E-09	5.7E+00	4.9E-04	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.3E-09
634	0.03	3.4E-08	3.1E+01	4.9E-04	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.4E-08
635	0.03	2.6E-08	2.3E+01	4.9E-04	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.6E-08
636	0.02	2.0E-08	1.8E+01	4.9E-04	1.0E-03	9.3E-06	1.6E-01	1.4E-02	2.0E-08
637	0.02	1.6E-08	1.5E+01	4.9E-04	1.0E-03	7.5E-06	1.6E-01	1.4E-02	1.6E-08

638	0.01	1.3E-08	1.2E+01	4.9E-04	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.3E-08
639	0.01	1.1E-08	1.0E+01	4.9E-04	1.0E-03	5.2E-06	1.6E-01	1.4E-02	1.1E-08
640	0.00	3.2E-09	2.9E+00	4.9E-04	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.2E-09
641	0.00	3.7E-09	3.3E+00	4.9E-04	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09
642	0.00	4.2E-09	3.9E+00	4.9E-04	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.2E-09
643	0.00	5.0E-09	4.5E+00	4.9E-04	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.0E-09
644	0.01	5.9E-09	5.4E+00	4.9E-04	1.0E-03	2.7E-06	1.6E-01	1.4E-02	5.9E-09
645	0.03	2.7E-08	2.5E+01	4.9E-04	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.7E-08
646	0.02	2.2E-08	2.0E+01	4.9E-04	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08
647	0.02	1.8E-08	1.6E+01	4.9E-04	1.0E-03	8.2E-06	1.6E-01	1.4E-02	1.8E-08
648	0.01	1.4E-08	1.3E+01	4.9E-04	1.0E-03	6.7E-06	1.6E-01	1.4E-02	1.4E-08
649	0.01	1.2E-08	1.1E+01	4.9E-04	1.0E-03	5.7E-06	1.6E-01	1.4E-02	1.2E-08
650	0.01	1.0E-08	9.4E+00	4.9E-04	1.0E-03	4.8E-06	1.6E-01	1.4E-02	1.0E-08
651	0.00	3.1E-09	2.8E+00	4.9E-04	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.1E-09
652	0.00	3.5E-09	3.2E+00	4.9E-04	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09
653	0.00	4.1E-09	3.7E+00	4.9E-04	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.1E-09
654	0.00	4.7E-09	4.3E+00	4.9E-04	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.7E-09
655	0.01	5.6E-09	5.1E+00	4.9E-04	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.6E-09
656	0.01	6.6E-09	6.0E+00	4.9E-04	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.6E-09
657	0.01	8.1E-09	7.3E+00	4.9E-04	1.0E-03	3.7E-06	1.6E-01	1.4E-02	8.1E-09
658	0.01	1.0E-08	9.1E+00	4.9E-04	1.0E-03	4.7E-06	1.6E-01	1.4E-02	1.0E-08
659	0.01	1.3E-08	1.2E+01	4.9E-04	1.0E-03	5.9E-06	1.6E-01	1.4E-02	1.3E-08
660	0.02	1.7E-08	1.5E+01	4.9E-04	1.0E-03	7.7E-06	1.6E-01	1.4E-02	1.7E-08
661	0.02	2.1E-08	1.9E+01	4.9E-04	1.0E-03	9.9E-06	1.6E-01	1.4E-02	2.1E-08
662	0.03	2.7E-08	2.4E+01	4.9E-04	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.7E-08
663	0.03	3.2E-08	2.9E+01	4.9E-04	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.2E-08
664	0.04	3.6E-08	3.2E+01	4.9E-04	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.6E-08
665	0.04	3.8E-08	3.4E+01	4.9E-04	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.8E-08
666	0.04	3.8E-08	3.5E+01	4.9E-04	1.0E-03	1.8E-05	1.6E-01	1.4E-02	3.8E-08
667	0.04	3.7E-08	3.4E+01	4.9E-04	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.7E-08
668	0.04	3.5E-08	3.2E+01	4.9E-04	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.5E-08
669	0.03	3.1E-08	2.9E+01	4.9E-04	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.1E-08
670	0.03	2.6E-08	2.4E+01	4.9E-04	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.6E-08
671	0.02	2.2E-08	2.0E+01	4.9E-04	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08
672	0.02	1.8E-08	1.6E+01	4.9E-04	1.0E-03	8.4E-06	1.6E-01	1.4E-02	1.8E-08
673	0.02	1.5E-08	1.4E+01	4.9E-04	1.0E-03	7.0E-06	1.6E-01	1.4E-02	1.5E-08
674	0.01	1.3E-08	1.2E+01	4.9E-04	1.0E-03	5.9E-06	1.6E-01	1.4E-02	1.3E-08
675	0.01	1.1E-08	9.9E+00	4.9E-04	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08
676	0.01	9.4E-09	8.6E+00	4.9E-04	1.0E-03	4.4E-06	1.6E-01	1.4E-02	9.4E-09
677	0.00	2.9E-09	2.7E+00	4.9E-04	1.0E-03	1.4E-06	1.6E-01	1.4E-02	2.9E-09
678	0.00	3.3E-09	3.0E+00	4.9E-04	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
679	0.00	3.8E-09	3.5E+00	4.9E-04	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.8E-09
680	0.00	4.4E-09	4.0E+00	4.9E-04	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.4E-09
681	0.01	5.1E-09	4.7E+00	4.9E-04	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.1E-09
682	0.01	6.0E-09	5.5E+00	4.9E-04	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.0E-09
683	0.01	7.2E-09	6.5E+00	4.9E-04	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.2E-09

684	0.01	8.8E-09	8.0E+00	4.9E-04	1.0E-03	4.1E-06	1.6E-01	1.4E-02	8.8E-09
685	0.01	1.1E-08	9.8E+00	4.9E-04	1.0E-03	5.0E-06	1.6E-01	1.4E-02	1.1E-08
686	0.01	1.3E-08	1.2E+01	4.9E-04	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.3E-08
687	0.02	1.6E-08	1.5E+01	4.9E-04	1.0E-03	7.7E-06	1.6E-01	1.4E-02	1.6E-08
688	0.02	2.0E-08	1.8E+01	4.9E-04	1.0E-03	9.2E-06	1.6E-01	1.4E-02	2.0E-08
689	0.02	2.3E-08	2.1E+01	4.9E-04	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.3E-08
690	0.03	2.5E-08	2.3E+01	4.9E-04	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.5E-08
691	0.03	2.6E-08	2.4E+01	4.9E-04	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.6E-08
692	0.03	2.7E-08	2.5E+01	4.9E-04	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.7E-08
693	0.03	2.7E-08	2.4E+01	4.9E-04	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.7E-08
694	0.03	2.5E-08	2.3E+01	4.9E-04	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.5E-08
695	0.02	2.3E-08	2.1E+01	4.9E-04	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.3E-08
696	0.02	2.0E-08	1.9E+01	4.9E-04	1.0E-03	9.5E-06	1.6E-01	1.4E-02	2.0E-08
697	0.02	1.8E-08	1.6E+01	4.9E-04	1.0E-03	8.2E-06	1.6E-01	1.4E-02	1.8E-08
698	0.02	1.5E-08	1.4E+01	4.9E-04	1.0E-03	7.0E-06	1.6E-01	1.4E-02	1.5E-08
699	0.01	1.3E-08	1.2E+01	4.9E-04	1.0E-03	6.0E-06	1.6E-01	1.4E-02	1.3E-08
700	0.01	1.1E-08	1.0E+01	4.9E-04	1.0E-03	5.2E-06	1.6E-01	1.4E-02	1.1E-08
701	0.01	9.8E-09	8.9E+00	4.9E-04	1.0E-03	4.5E-06	1.6E-01	1.4E-02	9.8E-09
702	0.01	8.5E-09	7.8E+00	4.9E-04	1.0E-03	4.0E-06	1.6E-01	1.4E-02	8.5E-09
703	0.00	2.8E-09	2.5E+00	4.9E-04	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
704	0.00	3.1E-09	2.9E+00	4.9E-04	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.1E-09
705	0.00	3.6E-09	3.2E+00	4.9E-04	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.6E-09
706	0.00	4.1E-09	3.7E+00	4.9E-04	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.1E-09
707	0.00	4.7E-09	4.3E+00	4.9E-04	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.7E-09
708	0.01	5.5E-09	5.0E+00	4.9E-04	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.5E-09
709	0.01	6.5E-09	5.9E+00	4.9E-04	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.5E-09
710	0.01	7.8E-09	7.1E+00	4.9E-04	1.0E-03	3.6E-06	1.6E-01	1.4E-02	7.8E-09
711	0.01	9.2E-09	8.4E+00	4.9E-04	1.0E-03	4.3E-06	1.6E-01	1.4E-02	9.2E-09
712	0.01	1.1E-08	1.0E+01	4.9E-04	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08
713	0.01	1.3E-08	1.2E+01	4.9E-04	1.0E-03	6.1E-06	1.6E-01	1.4E-02	1.3E-08
714	0.02	1.5E-08	1.4E+01	4.9E-04	1.0E-03	7.1E-06	1.6E-01	1.4E-02	1.5E-08
715	0.02	1.7E-08	1.6E+01	4.9E-04	1.0E-03	8.0E-06	1.6E-01	1.4E-02	1.7E-08
716	0.02	1.9E-08	1.7E+01	4.9E-04	1.0E-03	8.7E-06	1.6E-01	1.4E-02	1.9E-08
717	0.02	2.0E-08	1.8E+01	4.9E-04	1.0E-03	9.1E-06	1.6E-01	1.4E-02	2.0E-08
718	0.02	2.0E-08	1.8E+01	4.9E-04	1.0E-03	9.3E-06	1.6E-01	1.4E-02	2.0E-08
719	0.02	2.0E-08	1.8E+01	4.9E-04	1.0E-03	9.2E-06	1.6E-01	1.4E-02	2.0E-08
720	0.02	1.9E-08	1.7E+01	4.9E-04	1.0E-03	8.9E-06	1.6E-01	1.4E-02	1.9E-08
721	0.02	1.8E-08	1.6E+01	4.9E-04	1.0E-03	8.3E-06	1.6E-01	1.4E-02	1.8E-08
722	0.02	1.6E-08	1.5E+01	4.9E-04	1.0E-03	7.5E-06	1.6E-01	1.4E-02	1.6E-08
723	0.01	1.4E-08	1.3E+01	4.9E-04	1.0E-03	6.7E-06	1.6E-01	1.4E-02	1.4E-08
724	0.01	1.3E-08	1.2E+01	4.9E-04	1.0E-03	5.9E-06	1.6E-01	1.4E-02	1.3E-08
725	0.01	1.1E-08	1.0E+01	4.9E-04	1.0E-03	5.2E-06	1.6E-01	1.4E-02	1.1E-08
726	0.01	9.9E-09	9.0E+00	4.9E-04	1.0E-03	4.6E-06	1.6E-01	1.4E-02	9.9E-09
727	0.01	8.7E-09	7.9E+00	4.9E-04	1.0E-03	4.1E-06	1.6E-01	1.4E-02	8.7E-09
728	0.01	7.7E-09	7.0E+00	4.9E-04	1.0E-03	3.6E-06	1.6E-01	1.4E-02	7.7E-09
729	0.00	2.6E-09	2.4E+00	4.9E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09

730	0.00	3.0E-09	2.7E+00	4.9E-04	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.0E-09
731	0.00	3.3E-09	3.0E+00	4.9E-04	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.3E-09
732	0.00	3.8E-09	3.5E+00	4.9E-04	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.8E-09
733	0.00	4.3E-09	3.9E+00	4.9E-04	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.3E-09
734	0.01	5.0E-09	4.6E+00	4.9E-04	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.0E-09
735	0.01	5.8E-09	5.3E+00	4.9E-04	1.0E-03	2.7E-06	1.6E-01	1.4E-02	5.8E-09
736	0.01	6.8E-09	6.2E+00	4.9E-04	1.0E-03	3.2E-06	1.6E-01	1.4E-02	6.8E-09
737	0.01	7.9E-09	7.2E+00	4.9E-04	1.0E-03	3.7E-06	1.6E-01	1.4E-02	7.9E-09
738	0.01	9.3E-09	8.4E+00	4.9E-04	1.0E-03	4.3E-06	1.6E-01	1.4E-02	9.3E-09
739	0.01	1.1E-08	9.6E+00	4.9E-04	1.0E-03	4.9E-06	1.6E-01	1.4E-02	1.1E-08
740	0.01	1.2E-08	1.1E+01	4.9E-04	1.0E-03	5.6E-06	1.6E-01	1.4E-02	1.2E-08
741	0.01	1.3E-08	1.2E+01	4.9E-04	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.3E-08
742	0.01	1.4E-08	1.3E+01	4.9E-04	1.0E-03	6.7E-06	1.6E-01	1.4E-02	1.4E-08
743	0.02	1.5E-08	1.4E+01	4.9E-04	1.0E-03	7.0E-06	1.6E-01	1.4E-02	1.5E-08
744	0.02	1.6E-08	1.4E+01	4.9E-04	1.0E-03	7.2E-06	1.6E-01	1.4E-02	1.6E-08
745	0.02	1.6E-08	1.4E+01	4.9E-04	1.0E-03	7.2E-06	1.6E-01	1.4E-02	1.6E-08
746	0.02	1.5E-08	1.4E+01	4.9E-04	1.0E-03	7.0E-06	1.6E-01	1.4E-02	1.5E-08
747	0.01	1.4E-08	1.3E+01	4.9E-04	1.0E-03	6.7E-06	1.6E-01	1.4E-02	1.4E-08
748	0.01	1.3E-08	1.2E+01	4.9E-04	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.3E-08
749	0.01	1.2E-08	1.1E+01	4.9E-04	1.0E-03	5.6E-06	1.6E-01	1.4E-02	1.2E-08
750	0.01	1.1E-08	9.9E+00	4.9E-04	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08
751	0.01	9.8E-09	8.9E+00	4.9E-04	1.0E-03	4.5E-06	1.6E-01	1.4E-02	9.8E-09
752	0.01	8.7E-09	7.9E+00	4.9E-04	1.0E-03	4.1E-06	1.6E-01	1.4E-02	8.7E-09
753	0.01	7.8E-09	7.1E+00	4.9E-04	1.0E-03	3.6E-06	1.6E-01	1.4E-02	7.8E-09
754	0.01	7.0E-09	6.4E+00	4.9E-04	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.0E-09
755	0.00	2.5E-09	2.3E+00	4.9E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.5E-09
756	0.00	2.8E-09	2.5E+00	4.9E-04	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
757	0.00	3.1E-09	2.8E+00	4.9E-04	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.1E-09
758	0.00	3.5E-09	3.2E+00	4.9E-04	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09
759	0.00	4.0E-09	3.6E+00	4.9E-04	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.0E-09
760	0.00	4.6E-09	4.1E+00	4.9E-04	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.6E-09
761	0.01	5.2E-09	4.7E+00	4.9E-04	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.2E-09
762	0.01	6.0E-09	5.5E+00	4.9E-04	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.0E-09
763	0.01	6.9E-09	6.2E+00	4.9E-04	1.0E-03	3.2E-06	1.6E-01	1.4E-02	6.9E-09
764	0.01	7.8E-09	7.1E+00	4.9E-04	1.0E-03	3.6E-06	1.6E-01	1.4E-02	7.8E-09
765	0.01	8.8E-09	8.0E+00	4.9E-04	1.0E-03	4.1E-06	1.6E-01	1.4E-02	8.8E-09
766	0.01	9.8E-09	8.9E+00	4.9E-04	1.0E-03	4.6E-06	1.6E-01	1.4E-02	9.8E-09
767	0.01	1.1E-08	9.8E+00	4.9E-04	1.0E-03	5.0E-06	1.6E-01	1.4E-02	1.1E-08
768	0.01	1.2E-08	1.0E+01	4.9E-04	1.0E-03	5.4E-06	1.6E-01	1.4E-02	1.2E-08
769	0.01	1.2E-08	1.1E+01	4.9E-04	1.0E-03	5.6E-06	1.6E-01	1.4E-02	1.2E-08
770	0.01	1.2E-08	1.1E+01	4.9E-04	1.0E-03	5.8E-06	1.6E-01	1.4E-02	1.2E-08
771	0.01	1.3E-08	1.1E+01	4.9E-04	1.0E-03	5.8E-06	1.6E-01	1.4E-02	1.3E-08
772	0.01	1.2E-08	1.1E+01	4.9E-04	1.0E-03	5.7E-06	1.6E-01	1.4E-02	1.2E-08
773	0.01	1.2E-08	1.1E+01	4.9E-04	1.0E-03	5.5E-06	1.6E-01	1.4E-02	1.2E-08
774	0.01	1.1E-08	1.0E+01	4.9E-04	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08
775	0.01	1.0E-08	9.3E+00	4.9E-04	1.0E-03	4.7E-06	1.6E-01	1.4E-02	1.0E-08

776	0.01	9.4E-09	8.5E+00	4.9E-04	1.0E-03	4.4E-06	1.6E-01	1.4E-02	9.4E-09
777	0.01	8.6E-09	7.8E+00	4.9E-04	1.0E-03	4.0E-06	1.6E-01	1.4E-02	8.6E-09
778	0.01	7.8E-09	7.1E+00	4.9E-04	1.0E-03	3.6E-06	1.6E-01	1.4E-02	7.8E-09
779	0.01	7.0E-09	6.4E+00	4.9E-04	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.0E-09
780	0.01	6.4E-09	5.8E+00	4.9E-04	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.4E-09
781	0.00	2.4E-09	2.1E+00	4.9E-04	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.4E-09
782	0.00	2.6E-09	2.4E+00	4.9E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
783	0.00	2.9E-09	2.6E+00	4.9E-04	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.9E-09
784	0.00	3.3E-09	3.0E+00	4.9E-04	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
785	0.00	3.7E-09	3.3E+00	4.9E-04	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09
786	0.00	4.1E-09	3.8E+00	4.9E-04	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.1E-09
787	0.00	4.7E-09	4.3E+00	4.9E-04	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.7E-09
788	0.01	5.3E-09	4.8E+00	4.9E-04	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.3E-09
789	0.01	6.0E-09	5.4E+00	4.9E-04	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.0E-09
790	0.01	6.7E-09	6.1E+00	4.9E-04	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.7E-09
791	0.01	7.4E-09	6.8E+00	4.9E-04	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.4E-09
792	0.01	8.2E-09	7.5E+00	4.9E-04	1.0E-03	3.8E-06	1.6E-01	1.4E-02	8.2E-09
793	0.01	8.9E-09	8.1E+00	4.9E-04	1.0E-03	4.1E-06	1.6E-01	1.4E-02	8.9E-09
794	0.01	9.5E-09	8.6E+00	4.9E-04	1.0E-03	4.4E-06	1.6E-01	1.4E-02	9.5E-09
795	0.01	9.9E-09	9.0E+00	4.9E-04	1.0E-03	4.6E-06	1.6E-01	1.4E-02	9.9E-09
796	0.01	1.0E-08	9.3E+00	4.9E-04	1.0E-03	4.8E-06	1.6E-01	1.4E-02	1.0E-08
797	0.01	1.0E-08	9.4E+00	4.9E-04	1.0E-03	4.8E-06	1.6E-01	1.4E-02	1.0E-08
798	0.01	1.0E-08	9.3E+00	4.9E-04	1.0E-03	4.8E-06	1.6E-01	1.4E-02	1.0E-08
799	0.01	9.9E-09	9.0E+00	4.9E-04	1.0E-03	4.6E-06	1.6E-01	1.4E-02	9.9E-09
800	0.01	9.4E-09	8.5E+00	4.9E-04	1.0E-03	4.3E-06	1.6E-01	1.4E-02	9.4E-09
801	0.01	8.8E-09	8.0E+00	4.9E-04	1.0E-03	4.1E-06	1.6E-01	1.4E-02	8.8E-09
802	0.01	8.2E-09	7.4E+00	4.9E-04	1.0E-03	3.8E-06	1.6E-01	1.4E-02	8.2E-09
803	0.01	7.6E-09	6.9E+00	4.9E-04	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.6E-09
804	0.01	7.0E-09	6.3E+00	4.9E-04	1.0E-03	3.2E-06	1.6E-01	1.4E-02	7.0E-09
805	0.01	6.4E-09	5.8E+00	4.9E-04	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.4E-09
806	0.01	5.8E-09	5.3E+00	4.9E-04	1.0E-03	2.7E-06	1.6E-01	1.4E-02	5.8E-09

Risk From New Building Const - Mitigated Residential

Franklin School Project

Risk From New Building Const - Mitigated Residential

	5.31	Max					Onsite		
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
1	0.01	1.4E-08	1.8E-01	8.6E-04	1.0E-03	1.6E-07	1.6E-01	5.5E-01	1.4E-08
2	0.02	1.6E-08	2.0E-01	8.6E-04	1.0E-03	1.8E-07	1.6E-01	5.5E-01	1.5E-08
3	0.02	1.7E-08	2.1E-01	8.6E-04	1.0E-03	1.9E-07	1.6E-01	5.5E-01	1.7E-08
4	0.02	1.9E-08	2.3E-01	8.6E-04	1.0E-03	2.1E-07	1.6E-01	5.5E-01	1.8E-08
5	0.02	2.0E-08	2.5E-01	8.6E-04	1.0E-03	2.3E-07	1.6E-01	5.5E-01	1.9E-08
6	0.02	2.1E-08	2.7E-01	8.6E-04	1.0E-03	2.4E-07	1.6E-01	5.5E-01	2.1E-08
7	0.02	2.3E-08	2.9E-01	8.6E-04	1.0E-03	2.6E-07	1.6E-01	5.5E-01	2.2E-08
8	0.02	2.4E-08	3.0E-01	8.6E-04	1.0E-03	2.7E-07	1.6E-01	5.5E-01	2.3E-08
9	0.03	2.5E-08	3.2E-01	8.6E-04	1.0E-03	2.9E-07	1.6E-01	5.5E-01	2.5E-08
10	0.03	2.7E-08	3.3E-01	8.6E-04	1.0E-03	3.0E-07	1.6E-01	5.5E-01	2.6E-08
11	0.03	2.8E-08	3.5E-01	8.6E-04	1.0E-03	3.2E-07	1.6E-01	5.5E-01	2.8E-08
12	0.03	3.0E-08	3.8E-01	8.6E-04	1.0E-03	3.4E-07	1.6E-01	5.5E-01	3.0E-08
13	0.03	3.2E-08	4.0E-01	8.6E-04	1.0E-03	3.6E-07	1.6E-01	5.5E-01	3.1E-08
14	0.03	3.4E-08	4.2E-01	8.6E-04	1.0E-03	3.8E-07	1.6E-01	5.5E-01	3.3E-08
15	0.03	3.5E-08	4.4E-01	8.6E-04	1.0E-03	4.0E-07	1.6E-01	5.5E-01	3.4E-08
16	0.04	3.6E-08	4.5E-01	8.6E-04	1.0E-03	4.1E-07	1.6E-01	5.5E-01	3.5E-08
17	0.02	1.6E-08	2.0E-01	8.6E-04	1.0E-03	1.8E-07	1.6E-01	5.5E-01	1.6E-08
18	0.02	1.8E-08	2.2E-01	8.6E-04	1.0E-03	2.0E-07	1.6E-01	5.5E-01	1.7E-08
19	0.02	2.0E-08	2.4E-01	8.6E-04	1.0E-03	2.2E-07	1.6E-01	5.5E-01	1.9E-08
20	0.02	2.2E-08	2.7E-01	8.6E-04	1.0E-03	2.4E-07	1.6E-01	5.5E-01	2.1E-08
21	0.02	2.4E-08	2.9E-01	8.6E-04	1.0E-03	2.6E-07	1.6E-01	5.5E-01	2.3E-08
22	0.03	2.6E-08	3.2E-01	8.6E-04	1.0E-03	2.9E-07	1.6E-01	5.5E-01	2.5E-08
23	0.03	2.8E-08	3.4E-01	8.6E-04	1.0E-03	3.1E-07	1.6E-01	5.5E-01	2.7E-08
24	0.03	2.9E-08	3.6E-01	8.6E-04	1.0E-03	3.3E-07	1.6E-01	5.5E-01	2.8E-08
25	0.03	3.1E-08	3.9E-01	8.6E-04	1.0E-03	3.5E-07	1.6E-01	5.5E-01	3.0E-08
26	0.03	3.3E-08	4.1E-01	8.6E-04	1.0E-03	3.7E-07	1.6E-01	5.5E-01	3.2E-08
27	0.04	3.6E-08	4.4E-01	8.6E-04	1.0E-03	4.0E-07	1.6E-01	5.5E-01	3.4E-08
28	0.04	3.8E-08	4.8E-01	8.6E-04	1.0E-03	4.3E-07	1.6E-01	5.5E-01	3.7E-08
29	0.04	4.1E-08	5.1E-01	8.6E-04	1.0E-03	4.6E-07	1.6E-01	5.5E-01	4.0E-08
30	0.04	4.2E-08	5.3E-01	8.6E-04	1.0E-03	4.8E-07	1.6E-01	5.5E-01	4.2E-08
31	0.04	4.4E-08	5.5E-01	8.6E-04	1.0E-03	5.0E-07	1.6E-01	5.5E-01	4.3E-08
32	0.04	4.4E-08	5.6E-01	8.6E-04	1.0E-03	5.1E-07	1.6E-01	5.5E-01	4.4E-08
33	0.02	1.8E-08	2.2E-01	8.6E-04	1.0E-03	2.0E-07	1.6E-01	5.5E-01	1.7E-08
34	0.02	2.0E-08	2.5E-01	8.6E-04	1.0E-03	2.3E-07	1.6E-01	5.5E-01	2.0E-08
35	0.02	2.3E-08	2.8E-01	8.6E-04	1.0E-03	2.5E-07	1.6E-01	5.5E-01	2.2E-08
36	0.03	2.5E-08	3.1E-01	8.6E-04	1.0E-03	2.8E-07	1.6E-01	5.5E-01	2.4E-08
37	0.03	2.8E-08	3.5E-01	8.6E-04	1.0E-03	3.2E-07	1.6E-01	5.5E-01	2.7E-08
38	0.03	3.1E-08	3.8E-01	8.6E-04	1.0E-03	3.5E-07	1.6E-01	5.5E-01	3.0E-08
39	0.03	3.4E-08	4.2E-01	8.6E-04	1.0E-03	3.8E-07	1.6E-01	5.5E-01	3.3E-08

40	0.04	3.7E-08	4.5E-01	8.6E-04	1.0E-03	4.1E-07	1.6E-01	5.5E-01	3.5E-08
41	0.04	3.9E-08	4.8E-01	8.6E-04	1.0E-03	4.4E-07	1.6E-01	5.5E-01	3.8E-08
42	0.04	4.2E-08	5.2E-01	8.6E-04	1.0E-03	4.7E-07	1.6E-01	5.5E-01	4.0E-08
43	0.05	4.6E-08	5.7E-01	8.6E-04	1.0E-03	5.2E-07	1.6E-01	5.5E-01	4.4E-08
44	0.05	5.0E-08	6.2E-01	8.6E-04	1.0E-03	5.6E-07	1.6E-01	5.5E-01	4.8E-08
45	0.05	5.3E-08	6.6E-01	8.6E-04	1.0E-03	6.0E-07	1.6E-01	5.5E-01	5.1E-08
46	0.05	5.5E-08	6.9E-01	8.6E-04	1.0E-03	6.2E-07	1.6E-01	5.5E-01	5.4E-08
47	0.06	5.6E-08	7.1E-01	8.6E-04	1.0E-03	6.4E-07	1.6E-01	5.5E-01	5.5E-08
48	0.06	5.5E-08	7.0E-01	8.6E-04	1.0E-03	6.3E-07	1.6E-01	5.5E-01	5.5E-08
49	0.02	2.0E-08	2.5E-01	8.6E-04	1.0E-03	2.3E-07	1.6E-01	5.5E-01	2.0E-08
50	0.02	2.3E-08	2.9E-01	8.6E-04	1.0E-03	2.6E-07	1.6E-01	5.5E-01	2.2E-08
51	0.03	2.6E-08	3.3E-01	8.6E-04	1.0E-03	2.9E-07	1.6E-01	5.5E-01	2.5E-08
52	0.03	3.0E-08	3.7E-01	8.6E-04	1.0E-03	3.4E-07	1.6E-01	5.5E-01	2.9E-08
53	0.03	3.4E-08	4.2E-01	8.6E-04	1.0E-03	3.8E-07	1.6E-01	5.5E-01	3.3E-08
54	0.04	3.8E-08	4.7E-01	8.6E-04	1.0E-03	4.3E-07	1.6E-01	5.5E-01	3.7E-08
55	0.04	4.3E-08	5.2E-01	8.6E-04	1.0E-03	4.7E-07	1.6E-01	5.5E-01	4.1E-08
56	0.05	4.7E-08	5.7E-01	8.6E-04	1.0E-03	5.1E-07	1.6E-01	5.5E-01	4.4E-08
57	0.05	5.1E-08	6.2E-01	8.6E-04	1.0E-03	5.6E-07	1.6E-01	5.5E-01	4.8E-08
58	0.06	5.5E-08	6.8E-01	8.6E-04	1.0E-03	6.1E-07	1.6E-01	5.5E-01	5.3E-08
59	0.06	6.2E-08	7.7E-01	8.6E-04	1.0E-03	6.9E-07	1.6E-01	5.5E-01	6.0E-08
60	0.07	6.7E-08	8.3E-01	8.6E-04	1.0E-03	7.5E-07	1.6E-01	5.5E-01	6.5E-08
61	0.07	7.0E-08	8.9E-01	8.6E-04	1.0E-03	8.0E-07	1.6E-01	5.5E-01	6.9E-08
62	0.07	7.2E-08	9.1E-01	8.6E-04	1.0E-03	8.3E-07	1.6E-01	5.5E-01	7.1E-08
63	0.07	7.2E-08	9.1E-01	8.6E-04	1.0E-03	8.2E-07	1.6E-01	5.5E-01	7.1E-08
64	0.07	6.9E-08	8.8E-01	8.6E-04	1.0E-03	8.0E-07	1.6E-01	5.5E-01	6.8E-08
65	0.02	2.3E-08	2.8E-01	8.6E-04	1.0E-03	2.5E-07	1.6E-01	5.5E-01	2.2E-08
66	0.03	2.6E-08	3.3E-01	8.6E-04	1.0E-03	3.0E-07	1.6E-01	5.5E-01	2.5E-08
67	0.03	3.1E-08	3.8E-01	8.6E-04	1.0E-03	3.4E-07	1.6E-01	5.5E-01	3.0E-08
68	0.04	3.6E-08	4.4E-01	8.6E-04	1.0E-03	4.0E-07	1.6E-01	5.5E-01	3.5E-08
69	0.04	4.2E-08	5.2E-01	8.6E-04	1.0E-03	4.7E-07	1.6E-01	5.5E-01	4.0E-08
70	0.05	4.9E-08	6.0E-01	8.6E-04	1.0E-03	5.4E-07	1.6E-01	5.5E-01	4.6E-08
71	0.06	5.6E-08	6.8E-01	8.6E-04	1.0E-03	6.1E-07	1.6E-01	5.5E-01	5.3E-08
72	0.06	6.3E-08	7.5E-01	8.6E-04	1.0E-03	6.8E-07	1.6E-01	5.5E-01	5.9E-08
73	0.07	6.9E-08	8.4E-01	8.6E-04	1.0E-03	7.6E-07	1.6E-01	5.5E-01	6.5E-08
74	0.08	7.8E-08	9.5E-01	8.6E-04	1.0E-03	8.6E-07	1.6E-01	5.5E-01	7.4E-08
75	0.09	8.7E-08	1.1E+00	8.6E-04	1.0E-03	9.7E-07	1.6E-01	5.5E-01	8.3E-08
76	0.09	9.3E-08	1.2E+00	8.6E-04	1.0E-03	1.1E-06	1.6E-01	5.5E-01	9.1E-08
77	0.10	9.7E-08	1.2E+00	8.6E-04	1.0E-03	1.1E-06	1.6E-01	5.5E-01	9.5E-08
78	0.10	9.7E-08	1.2E+00	8.6E-04	1.0E-03	1.1E-06	1.6E-01	5.5E-01	9.6E-08
79	0.09	9.3E-08	1.2E+00	8.6E-04	1.0E-03	1.1E-06	1.6E-01	5.5E-01	9.2E-08
80	0.09	8.6E-08	1.1E+00	8.6E-04	1.0E-03	9.9E-07	1.6E-01	5.5E-01	8.5E-08
81	0.03	2.5E-08	3.1E-01	8.6E-04	1.0E-03	2.8E-07	1.6E-01	5.5E-01	2.4E-08
82	0.03	3.0E-08	3.7E-01	8.6E-04	1.0E-03	3.4E-07	1.6E-01	5.5E-01	2.9E-08
83	0.04	3.6E-08	4.5E-01	8.6E-04	1.0E-03	4.0E-07	1.6E-01	5.5E-01	3.5E-08
84	0.04	4.3E-08	5.4E-01	8.6E-04	1.0E-03	4.8E-07	1.6E-01	5.5E-01	4.2E-08
85	0.05	5.3E-08	6.5E-01	8.6E-04	1.0E-03	5.8E-07	1.6E-01	5.5E-01	5.0E-08

86	0.06	6.5E-08	7.7E-01	8.6E-04	1.0E-03	7.0E-07	1.6E-01	5.5E-01	6.0E-08
87	0.08	7.9E-08	9.1E-01	8.6E-04	1.0E-03	8.2E-07	1.6E-01	5.5E-01	7.1E-08
88	0.09	9.2E-08	1.1E+00	8.6E-04	1.0E-03	9.5E-07	1.6E-01	5.5E-01	8.2E-08
89	0.10	1.0E-07	1.2E+00	8.6E-04	1.0E-03	1.1E-06	1.6E-01	5.5E-01	9.3E-08
90	0.12	1.2E-07	1.4E+00	8.6E-04	1.0E-03	1.3E-06	1.6E-01	5.5E-01	1.1E-07
91	0.13	1.3E-07	1.6E+00	8.6E-04	1.0E-03	1.4E-06	1.6E-01	5.5E-01	1.2E-07
92	0.14	1.4E-07	1.7E+00	8.6E-04	1.0E-03	1.6E-06	1.6E-01	5.5E-01	1.3E-07
93	0.14	1.4E-07	1.7E+00	8.6E-04	1.0E-03	1.6E-06	1.6E-01	5.5E-01	1.4E-07
94	0.13	1.3E-07	1.7E+00	8.6E-04	1.0E-03	1.5E-06	1.6E-01	5.5E-01	1.3E-07
95	0.12	1.2E-07	1.5E+00	8.6E-04	1.0E-03	1.4E-06	1.6E-01	5.5E-01	1.2E-07
96	0.10	1.0E-07	1.3E+00	8.6E-04	1.0E-03	1.2E-06	1.6E-01	5.5E-01	1.0E-07
97	0.03	2.8E-08	3.5E-01	8.6E-04	1.0E-03	3.1E-07	1.6E-01	5.5E-01	2.7E-08
98	0.03	3.4E-08	4.2E-01	8.6E-04	1.0E-03	3.8E-07	1.6E-01	5.5E-01	3.3E-08
99	0.04	4.2E-08	5.2E-01	8.6E-04	1.0E-03	4.7E-07	1.6E-01	5.5E-01	4.0E-08
100	0.05	5.2E-08	6.5E-01	8.6E-04	1.0E-03	5.9E-07	1.6E-01	5.5E-01	5.0E-08
101	0.07	6.7E-08	8.2E-01	8.6E-04	1.0E-03	7.4E-07	1.6E-01	5.5E-01	6.4E-08
102	0.09	9.0E-08	1.0E+00	8.6E-04	1.0E-03	9.3E-07	1.6E-01	5.5E-01	8.0E-08
103	0.14	1.4E-07	1.3E+00	8.6E-04	1.0E-03	1.2E-06	1.6E-01	5.5E-01	1.0E-07
104	0.16	1.6E-07	1.6E+00	8.6E-04	1.0E-03	1.4E-06	1.6E-01	5.5E-01	1.2E-07
105	0.16	1.6E-07	1.9E+00	8.6E-04	1.0E-03	1.7E-06	1.6E-01	5.5E-01	1.5E-07
106	0.19	1.9E-07	2.3E+00	8.6E-04	1.0E-03	2.1E-06	1.6E-01	5.5E-01	1.8E-07
107	0.20	2.0E-07	2.6E+00	8.6E-04	1.0E-03	2.3E-06	1.6E-01	5.5E-01	2.0E-07
108	0.21	2.1E-07	2.7E+00	8.6E-04	1.0E-03	2.4E-06	1.6E-01	5.5E-01	2.1E-07
109	0.20	2.0E-07	2.5E+00	8.6E-04	1.0E-03	2.3E-06	1.6E-01	5.5E-01	1.9E-07
110	0.17	1.7E-07	2.2E+00	8.6E-04	1.0E-03	2.0E-06	1.6E-01	5.5E-01	1.7E-07
111	0.15	1.5E-07	1.9E+00	8.6E-04	1.0E-03	1.7E-06	1.6E-01	5.5E-01	1.4E-07
112	0.12	1.2E-07	1.6E+00	8.6E-04	1.0E-03	1.4E-06	1.6E-01	5.5E-01	1.2E-07
113	0.03	3.0E-08	3.8E-01	8.6E-04	1.0E-03	3.4E-07	1.6E-01	5.5E-01	3.0E-08
114	0.04	3.8E-08	4.7E-01	8.6E-04	1.0E-03	4.3E-07	1.6E-01	5.5E-01	3.7E-08
115	0.05	4.8E-08	6.0E-01	8.6E-04	1.0E-03	5.4E-07	1.6E-01	5.5E-01	4.7E-08
116	0.06	6.3E-08	7.8E-01	8.6E-04	1.0E-03	7.1E-07	1.6E-01	5.5E-01	6.1E-08
117	0.09	8.5E-08	1.0E+00	8.6E-04	1.0E-03	9.4E-07	1.6E-01	5.5E-01	8.1E-08
118	0.34	3.4E-07	4.2E+00	8.6E-04	1.0E-03	3.8E-06	1.6E-01	5.5E-01	3.3E-07
119	0.36	3.6E-07	4.5E+00	8.6E-04	1.0E-03	4.1E-06	1.6E-01	5.5E-01	3.5E-07
120	0.33	3.3E-07	4.2E+00	8.6E-04	1.0E-03	3.8E-06	1.6E-01	5.5E-01	3.2E-07
121	0.27	2.7E-07	3.5E+00	8.6E-04	1.0E-03	3.1E-06	1.6E-01	5.5E-01	2.7E-07
122	0.21	2.1E-07	2.8E+00	8.6E-04	1.0E-03	2.5E-06	1.6E-01	5.5E-01	2.1E-07
123	0.17	1.7E-07	2.2E+00	8.6E-04	1.0E-03	1.9E-06	1.6E-01	5.5E-01	1.7E-07
124	0.13	1.3E-07	1.7E+00	8.6E-04	1.0E-03	1.5E-06	1.6E-01	5.5E-01	1.3E-07
125	0.03	3.2E-08	4.1E-01	8.6E-04	1.0E-03	3.7E-07	1.6E-01	5.5E-01	3.2E-08
126	0.04	4.1E-08	5.2E-01	8.6E-04	1.0E-03	4.7E-07	1.6E-01	5.5E-01	4.0E-08
127	0.05	5.4E-08	6.8E-01	8.6E-04	1.0E-03	6.1E-07	1.6E-01	5.5E-01	5.3E-08
128	0.07	7.3E-08	9.2E-01	8.6E-04	1.0E-03	8.3E-07	1.6E-01	5.5E-01	7.1E-08
129	0.10	1.0E-07	1.3E+00	8.6E-04	1.0E-03	1.2E-06	1.6E-01	5.5E-01	1.0E-07
130	0.73	7.3E-07	9.4E+00	8.6E-04	1.0E-03	8.5E-06	1.6E-01	5.5E-01	7.3E-07
131	0.65	6.5E-07	8.3E+00	8.6E-04	1.0E-03	7.5E-06	1.6E-01	5.5E-01	6.5E-07

132	0.48	4.8E-07	6.1E+00	8.6E-04	1.0E-03	5.5E-06	1.6E-01	5.5E-01	4.8E-07
133	0.34	3.4E-07	4.4E+00	8.6E-04	1.0E-03	4.0E-06	1.6E-01	5.5E-01	3.4E-07
134	0.25	2.5E-07	3.1E+00	8.6E-04	1.0E-03	2.8E-06	1.6E-01	5.5E-01	2.4E-07
135	0.18	1.8E-07	2.3E+00	8.6E-04	1.0E-03	2.1E-06	1.6E-01	5.5E-01	1.8E-07
136	0.14	1.4E-07	1.7E+00	8.6E-04	1.0E-03	1.6E-06	1.6E-01	5.5E-01	1.4E-07
137	0.03	3.4E-08	4.3E-01	8.6E-04	1.0E-03	3.9E-07	1.6E-01	5.5E-01	3.3E-08
138	0.04	4.3E-08	5.5E-01	8.6E-04	1.0E-03	5.0E-07	1.6E-01	5.5E-01	4.3E-08
139	0.06	5.8E-08	7.3E-01	8.6E-04	1.0E-03	6.6E-07	1.6E-01	5.5E-01	5.7E-08
140	0.08	8.1E-08	1.0E+00	8.6E-04	1.0E-03	9.3E-07	1.6E-01	5.5E-01	8.0E-08
141	0.12	1.2E-07	1.5E+00	8.6E-04	1.0E-03	1.4E-06	1.6E-01	5.5E-01	1.2E-07
142	1.81	1.8E-06	2.3E+01	8.6E-04	1.0E-03	2.1E-05	1.6E-01	5.5E-01	1.8E-06
143	1.05	1.0E-06	1.3E+01	8.6E-04	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.0E-06
144	0.60	6.0E-07	7.7E+00	8.6E-04	1.0E-03	6.9E-06	1.6E-01	5.5E-01	6.0E-07
145	0.38	3.8E-07	4.8E+00	8.6E-04	1.0E-03	4.4E-06	1.6E-01	5.5E-01	3.8E-07
146	0.25	2.5E-07	3.2E+00	8.6E-04	1.0E-03	2.9E-06	1.6E-01	5.5E-01	2.5E-07
147	0.17	1.7E-07	2.2E+00	8.6E-04	1.0E-03	2.0E-06	1.6E-01	5.5E-01	1.7E-07
148	0.13	1.3E-07	1.6E+00	8.6E-04	1.0E-03	1.5E-06	1.6E-01	5.5E-01	1.3E-07
149	0.03	3.4E-08	4.4E-01	8.6E-04	1.0E-03	3.9E-07	1.6E-01	5.5E-01	3.4E-08
150	0.04	4.4E-08	5.6E-01	8.6E-04	1.0E-03	5.1E-07	1.6E-01	5.5E-01	4.4E-08
151	0.06	5.9E-08	7.6E-01	8.6E-04	1.0E-03	6.8E-07	1.6E-01	5.5E-01	5.9E-08
152	0.08	8.5E-08	1.1E+00	8.6E-04	1.0E-03	9.7E-07	1.6E-01	5.5E-01	8.4E-08
153	0.13	1.3E-07	1.7E+00	8.6E-04	1.0E-03	1.5E-06	1.6E-01	5.5E-01	1.3E-07
154	4.35	4.4E-06	5.6E+01	8.6E-04	1.0E-03	5.1E-05	1.6E-01	5.5E-01	4.3E-06
155	1.19	1.2E-06	1.5E+01	8.6E-04	1.0E-03	1.4E-05	1.6E-01	5.5E-01	1.2E-06
156	0.55	5.5E-07	7.0E+00	8.6E-04	1.0E-03	6.3E-06	1.6E-01	5.5E-01	5.5E-07
157	0.34	3.4E-07	4.3E+00	8.6E-04	1.0E-03	3.9E-06	1.6E-01	5.5E-01	3.4E-07
158	0.22	2.2E-07	2.8E+00	8.6E-04	1.0E-03	2.5E-06	1.6E-01	5.5E-01	2.2E-07
159	0.15	1.5E-07	1.9E+00	8.6E-04	1.0E-03	1.8E-06	1.6E-01	5.5E-01	1.5E-07
160	0.11	1.1E-07	1.4E+00	8.6E-04	1.0E-03	1.3E-06	1.6E-01	5.5E-01	1.1E-07
161	0.03	3.1E-08	3.9E-01	8.6E-04	1.0E-03	3.5E-07	1.6E-01	5.5E-01	3.0E-08
162	0.04	4.0E-08	5.1E-01	8.6E-04	1.0E-03	4.6E-07	1.6E-01	5.5E-01	4.0E-08
163	0.05	5.4E-08	6.9E-01	8.6E-04	1.0E-03	6.3E-07	1.6E-01	5.5E-01	5.4E-08
164	0.08	8.1E-08	1.0E+00	8.6E-04	1.0E-03	9.3E-07	1.6E-01	5.5E-01	8.0E-08
165	0.13	1.3E-07	1.6E+00	8.6E-04	1.0E-03	1.5E-06	1.6E-01	5.5E-01	1.3E-07
166	0.22	2.2E-07	2.8E+00	8.6E-04	1.0E-03	2.6E-06	1.6E-01	5.5E-01	2.2E-07
167	0.49	4.9E-07	6.3E+00	8.6E-04	1.0E-03	5.7E-06	1.6E-01	5.5E-01	4.9E-07
168	1.70	1.7E-06	2.2E+01	8.6E-04	1.0E-03	2.0E-05	1.6E-01	5.5E-01	1.7E-06
169	3.51	3.5E-06	4.5E+01	8.6E-04	1.0E-03	4.1E-05	1.6E-01	5.5E-01	3.5E-06
170	1.95	2.0E-06	2.5E+01	8.6E-04	1.0E-03	2.3E-05	1.6E-01	5.5E-01	1.9E-06
171	0.83	8.3E-07	1.1E+01	8.6E-04	1.0E-03	9.6E-06	1.6E-01	5.5E-01	8.3E-07
172	0.40	4.0E-07	5.1E+00	8.6E-04	1.0E-03	4.6E-06	1.6E-01	5.5E-01	4.0E-07
173	0.25	2.5E-07	3.2E+00	8.6E-04	1.0E-03	2.9E-06	1.6E-01	5.5E-01	2.5E-07
174	0.18	1.8E-07	2.3E+00	8.6E-04	1.0E-03	2.1E-06	1.6E-01	5.5E-01	1.8E-07
175	0.13	1.3E-07	1.6E+00	8.6E-04	1.0E-03	1.5E-06	1.6E-01	5.5E-01	1.3E-07
176	0.09	9.4E-08	1.2E+00	8.6E-04	1.0E-03	1.1E-06	1.6E-01	5.5E-01	9.3E-08
177	0.03	2.9E-08	3.7E-01	8.6E-04	1.0E-03	3.3E-07	1.6E-01	5.5E-01	2.9E-08

178	0.04	3.7E-08	4.7E-01	8.6E-04	1.0E-03	4.3E-07	1.6E-01	5.5E-01	3.7E-08
179	0.05	4.8E-08	6.1E-01	8.6E-04	1.0E-03	5.5E-07	1.6E-01	5.5E-01	4.8E-08
180	0.07	7.4E-08	9.5E-01	8.6E-04	1.0E-03	8.6E-07	1.6E-01	5.5E-01	7.4E-08
181	0.11	1.1E-07	1.4E+00	8.6E-04	1.0E-03	1.3E-06	1.6E-01	5.5E-01	1.1E-07
182	0.18	1.8E-07	2.2E+00	8.6E-04	1.0E-03	2.0E-06	1.6E-01	5.5E-01	1.7E-07
183	0.32	3.2E-07	4.1E+00	8.6E-04	1.0E-03	3.7E-06	1.6E-01	5.5E-01	3.2E-07
184	0.61	6.1E-07	7.8E+00	8.6E-04	1.0E-03	7.1E-06	1.6E-01	5.5E-01	6.1E-07
185	0.90	9.0E-07	1.2E+01	8.6E-04	1.0E-03	1.0E-05	1.6E-01	5.5E-01	9.0E-07
186	0.78	7.8E-07	1.0E+01	8.6E-04	1.0E-03	9.0E-06	1.6E-01	5.5E-01	7.7E-07
187	0.50	5.0E-07	6.4E+00	8.6E-04	1.0E-03	5.8E-06	1.6E-01	5.5E-01	5.0E-07
188	0.31	3.1E-07	4.0E+00	8.6E-04	1.0E-03	3.6E-06	1.6E-01	5.5E-01	3.1E-07
189	0.19	1.9E-07	2.4E+00	8.6E-04	1.0E-03	2.2E-06	1.6E-01	5.5E-01	1.9E-07
190	0.14	1.4E-07	1.8E+00	8.6E-04	1.0E-03	1.7E-06	1.6E-01	5.5E-01	1.4E-07
191	0.11	1.1E-07	1.4E+00	8.6E-04	1.0E-03	1.2E-06	1.6E-01	5.5E-01	1.1E-07
192	0.08	8.0E-08	1.0E+00	8.6E-04	1.0E-03	9.3E-07	1.6E-01	5.5E-01	8.0E-08
193	0.03	2.9E-08	3.7E-01	8.6E-04	1.0E-03	3.3E-07	1.6E-01	5.5E-01	2.8E-08
194	0.04	3.7E-08	4.7E-01	8.6E-04	1.0E-03	4.2E-07	1.6E-01	5.5E-01	3.7E-08
195	0.05	4.9E-08	6.2E-01	8.6E-04	1.0E-03	5.6E-07	1.6E-01	5.5E-01	4.8E-08
196	0.06	6.5E-08	8.3E-01	8.6E-04	1.0E-03	7.5E-07	1.6E-01	5.5E-01	6.4E-08
197	0.09	9.0E-08	1.1E+00	8.6E-04	1.0E-03	1.0E-06	1.6E-01	5.5E-01	8.9E-08
198	0.13	1.3E-07	1.7E+00	8.6E-04	1.0E-03	1.5E-06	1.6E-01	5.5E-01	1.3E-07
199	0.21	2.1E-07	2.7E+00	8.6E-04	1.0E-03	2.4E-06	1.6E-01	5.5E-01	2.1E-07
200	0.31	3.1E-07	4.0E+00	8.6E-04	1.0E-03	3.6E-06	1.6E-01	5.5E-01	3.1E-07
201	0.40	4.0E-07	5.2E+00	8.6E-04	1.0E-03	4.7E-06	1.6E-01	5.5E-01	4.0E-07
202	0.39	3.9E-07	5.0E+00	8.6E-04	1.0E-03	4.5E-06	1.6E-01	5.5E-01	3.9E-07
203	0.29	2.9E-07	3.7E+00	8.6E-04	1.0E-03	3.4E-06	1.6E-01	5.5E-01	2.9E-07
204	0.22	2.2E-07	2.8E+00	8.6E-04	1.0E-03	2.5E-06	1.6E-01	5.5E-01	2.2E-07
205	0.16	1.6E-07	2.0E+00	8.6E-04	1.0E-03	1.8E-06	1.6E-01	5.5E-01	1.6E-07
206	0.11	1.1E-07	1.4E+00	8.6E-04	1.0E-03	1.3E-06	1.6E-01	5.5E-01	1.1E-07
207	0.09	9.1E-08	1.2E+00	8.6E-04	1.0E-03	1.1E-06	1.6E-01	5.5E-01	9.1E-08
208	0.07	7.1E-08	9.1E-01	8.6E-04	1.0E-03	8.2E-07	1.6E-01	5.5E-01	7.1E-08
209	0.03	2.8E-08	3.6E-01	8.6E-04	1.0E-03	3.2E-07	1.6E-01	5.5E-01	2.8E-08
210	0.03	3.4E-08	4.4E-01	8.6E-04	1.0E-03	4.0E-07	1.6E-01	5.5E-01	3.4E-08
211	0.04	4.3E-08	5.5E-01	8.6E-04	1.0E-03	4.9E-07	1.6E-01	5.5E-01	4.3E-08
212	0.05	5.5E-08	7.0E-01	8.6E-04	1.0E-03	6.3E-07	1.6E-01	5.5E-01	5.5E-08
213	0.07	7.3E-08	9.3E-01	8.6E-04	1.0E-03	8.4E-07	1.6E-01	5.5E-01	7.2E-08
214	0.10	1.0E-07	1.3E+00	8.6E-04	1.0E-03	1.2E-06	1.6E-01	5.5E-01	1.0E-07
215	0.14	1.4E-07	1.8E+00	8.6E-04	1.0E-03	1.7E-06	1.6E-01	5.5E-01	1.4E-07
216	0.19	1.9E-07	2.4E+00	8.6E-04	1.0E-03	2.2E-06	1.6E-01	5.5E-01	1.9E-07
217	0.23	2.3E-07	2.9E+00	8.6E-04	1.0E-03	2.6E-06	1.6E-01	5.5E-01	2.3E-07
218	0.23	2.3E-07	3.0E+00	8.6E-04	1.0E-03	2.7E-06	1.6E-01	5.5E-01	2.3E-07
219	0.21	2.1E-07	2.7E+00	8.6E-04	1.0E-03	2.4E-06	1.6E-01	5.5E-01	2.1E-07
220	0.17	1.7E-07	2.2E+00	8.6E-04	1.0E-03	2.0E-06	1.6E-01	5.5E-01	1.7E-07
221	0.13	1.3E-07	1.7E+00	8.6E-04	1.0E-03	1.5E-06	1.6E-01	5.5E-01	1.3E-07
222	0.09	9.4E-08	1.2E+00	8.6E-04	1.0E-03	1.1E-06	1.6E-01	5.5E-01	9.3E-08
223	0.07	7.3E-08	9.4E-01	8.6E-04	1.0E-03	8.5E-07	1.6E-01	5.5E-01	7.3E-08

224	0.06	6.3E-08	8.1E-01	8.6E-04	1.0E-03	7.3E-07	1.6E-01	5.5E-01	6.3E-08
225	0.03	2.6E-08	3.3E-01	8.6E-04	1.0E-03	3.0E-07	1.6E-01	5.5E-01	2.5E-08
226	0.03	3.1E-08	3.9E-01	8.6E-04	1.0E-03	3.5E-07	1.6E-01	5.5E-01	3.0E-08
227	0.04	3.7E-08	4.8E-01	8.6E-04	1.0E-03	4.3E-07	1.6E-01	5.5E-01	3.7E-08
228	0.05	4.7E-08	5.9E-01	8.6E-04	1.0E-03	5.4E-07	1.6E-01	5.5E-01	4.6E-08
229	0.06	6.0E-08	7.6E-01	8.6E-04	1.0E-03	6.9E-07	1.6E-01	5.5E-01	5.9E-08
230	0.08	7.8E-08	1.0E+00	8.6E-04	1.0E-03	9.0E-07	1.6E-01	5.5E-01	7.8E-08
231	0.10	1.0E-07	1.3E+00	8.6E-04	1.0E-03	1.2E-06	1.6E-01	5.5E-01	1.0E-07
232	0.13	1.3E-07	1.6E+00	8.6E-04	1.0E-03	1.5E-06	1.6E-01	5.5E-01	1.3E-07
233	0.15	1.5E-07	1.9E+00	8.6E-04	1.0E-03	1.7E-06	1.6E-01	5.5E-01	1.5E-07
234	0.15	1.5E-07	2.0E+00	8.6E-04	1.0E-03	1.8E-06	1.6E-01	5.5E-01	1.5E-07
235	0.15	1.5E-07	1.9E+00	8.6E-04	1.0E-03	1.7E-06	1.6E-01	5.5E-01	1.5E-07
236	0.13	1.3E-07	1.6E+00	8.6E-04	1.0E-03	1.5E-06	1.6E-01	5.5E-01	1.3E-07
237	0.11	1.1E-07	1.4E+00	8.6E-04	1.0E-03	1.2E-06	1.6E-01	5.5E-01	1.1E-07
238	0.09	8.6E-08	1.1E+00	8.6E-04	1.0E-03	1.0E-06	1.6E-01	5.5E-01	8.6E-08
239	0.06	6.4E-08	8.2E-01	8.6E-04	1.0E-03	7.4E-07	1.6E-01	5.5E-01	6.4E-08
240	0.05	5.2E-08	6.7E-01	8.6E-04	1.0E-03	6.1E-07	1.6E-01	5.5E-01	5.2E-08
241	0.02	2.3E-08	2.9E-01	8.6E-04	1.0E-03	2.6E-07	1.6E-01	5.5E-01	2.3E-08
242	0.03	2.7E-08	3.5E-01	8.6E-04	1.0E-03	3.1E-07	1.6E-01	5.5E-01	2.7E-08
243	0.03	3.2E-08	4.1E-01	8.6E-04	1.0E-03	3.7E-07	1.6E-01	5.5E-01	3.2E-08
244	0.04	3.9E-08	5.0E-01	8.6E-04	1.0E-03	4.5E-07	1.6E-01	5.5E-01	3.9E-08
245	0.05	4.9E-08	6.2E-01	8.6E-04	1.0E-03	5.6E-07	1.6E-01	5.5E-01	4.8E-08
246	0.06	6.1E-08	7.8E-01	8.6E-04	1.0E-03	7.0E-07	1.6E-01	5.5E-01	6.1E-08
247	0.08	7.6E-08	9.8E-01	8.6E-04	1.0E-03	8.8E-07	1.6E-01	5.5E-01	7.6E-08
248	0.09	9.2E-08	1.2E+00	8.6E-04	1.0E-03	1.1E-06	1.6E-01	5.5E-01	9.2E-08
249	0.10	1.0E-07	1.3E+00	8.6E-04	1.0E-03	1.2E-06	1.6E-01	5.5E-01	1.0E-07
250	0.11	1.1E-07	1.4E+00	8.6E-04	1.0E-03	1.3E-06	1.6E-01	5.5E-01	1.1E-07
251	0.11	1.1E-07	1.4E+00	8.6E-04	1.0E-03	1.2E-06	1.6E-01	5.5E-01	1.1E-07
252	0.10	9.8E-08	1.3E+00	8.6E-04	1.0E-03	1.1E-06	1.6E-01	5.5E-01	9.7E-08
253	0.09	8.6E-08	1.1E+00	8.6E-04	1.0E-03	9.9E-07	1.6E-01	5.5E-01	8.5E-08
254	0.07	7.3E-08	9.3E-01	8.6E-04	1.0E-03	8.4E-07	1.6E-01	5.5E-01	7.3E-08
255	0.06	6.0E-08	7.7E-01	8.6E-04	1.0E-03	6.9E-07	1.6E-01	5.5E-01	6.0E-08
256	0.05	4.7E-08	6.0E-01	8.6E-04	1.0E-03	5.4E-07	1.6E-01	5.5E-01	4.6E-08
257	0.02	2.1E-08	2.6E-01	8.6E-04	1.0E-03	2.4E-07	1.6E-01	5.5E-01	2.1E-08
258	0.02	2.4E-08	3.1E-01	8.6E-04	1.0E-03	2.8E-07	1.6E-01	5.5E-01	2.4E-08
259	0.03	2.8E-08	3.6E-01	8.6E-04	1.0E-03	3.2E-07	1.6E-01	5.5E-01	2.8E-08
260	0.03	3.4E-08	4.3E-01	8.6E-04	1.0E-03	3.9E-07	1.6E-01	5.5E-01	3.3E-08
261	0.04	4.1E-08	5.2E-01	8.6E-04	1.0E-03	4.7E-07	1.6E-01	5.5E-01	4.0E-08
262	0.05	4.9E-08	6.3E-01	8.6E-04	1.0E-03	5.7E-07	1.6E-01	5.5E-01	4.9E-08
263	0.06	5.9E-08	7.6E-01	8.6E-04	1.0E-03	6.8E-07	1.6E-01	5.5E-01	5.9E-08
264	0.07	6.9E-08	8.9E-01	8.6E-04	1.0E-03	8.0E-07	1.6E-01	5.5E-01	6.9E-08
265	0.08	7.7E-08	9.8E-01	8.6E-04	1.0E-03	8.9E-07	1.6E-01	5.5E-01	7.7E-08
266	0.08	8.1E-08	1.0E+00	8.6E-04	1.0E-03	9.3E-07	1.6E-01	5.5E-01	8.0E-08
267	0.08	8.0E-08	1.0E+00	8.6E-04	1.0E-03	9.3E-07	1.6E-01	5.5E-01	8.0E-08
268	0.08	7.6E-08	9.7E-01	8.6E-04	1.0E-03	8.8E-07	1.6E-01	5.5E-01	7.6E-08
269	0.07	6.9E-08	8.8E-01	8.6E-04	1.0E-03	8.0E-07	1.6E-01	5.5E-01	6.9E-08

270	0.06	6.1E-08	7.8E-01	8.6E-04	1.0E-03	7.1E-07	1.6E-01	5.5E-01	6.1E-08
271	0.05	5.2E-08	6.7E-01	8.6E-04	1.0E-03	6.1E-07	1.6E-01	5.5E-01	5.2E-08
272	0.04	4.2E-08	5.4E-01	8.6E-04	1.0E-03	4.8E-07	1.6E-01	5.5E-01	4.2E-08
273	0.09	9.0E-08	1.0E+00	8.6E-04	1.0E-03	9.3E-07	1.6E-01	5.5E-01	8.0E-08
274	0.10	9.6E-08	1.1E+00	8.6E-04	1.0E-03	9.7E-07	1.6E-01	5.5E-01	8.4E-08
275	0.10	1.0E-07	1.1E+00	8.6E-04	1.0E-03	1.0E-06	1.6E-01	5.5E-01	8.7E-08
276	0.11	1.1E-07	1.2E+00	8.6E-04	1.0E-03	1.1E-06	1.6E-01	5.5E-01	9.1E-08
277	0.13	1.3E-07	1.2E+00	8.6E-04	1.0E-03	1.1E-06	1.6E-01	5.5E-01	9.6E-08
278	0.14	1.4E-07	1.3E+00	8.6E-04	1.0E-03	1.2E-06	1.6E-01	5.5E-01	1.0E-07
279	0.15	1.5E-07	1.3E+00	8.6E-04	1.0E-03	1.2E-06	1.6E-01	5.5E-01	1.0E-07
280	0.15	1.5E-07	1.4E+00	8.6E-04	1.0E-03	1.3E-06	1.6E-01	5.5E-01	1.1E-07
281	0.16	1.6E-07	1.4E+00	8.6E-04	1.0E-03	1.3E-06	1.6E-01	5.5E-01	1.1E-07
282	0.16	1.6E-07	1.5E+00	8.6E-04	1.0E-03	1.4E-06	1.6E-01	5.5E-01	1.2E-07
283	0.16	1.6E-07	1.6E+00	8.6E-04	1.0E-03	1.4E-06	1.6E-01	5.5E-01	1.2E-07
284	0.16	1.6E-07	1.6E+00	8.6E-04	1.0E-03	1.5E-06	1.6E-01	5.5E-01	1.3E-07
285	0.16	1.6E-07	1.7E+00	8.6E-04	1.0E-03	1.5E-06	1.6E-01	5.5E-01	1.3E-07
286	0.16	1.6E-07	1.7E+00	8.6E-04	1.0E-03	1.6E-06	1.6E-01	5.5E-01	1.4E-07
287	0.16	1.6E-07	1.8E+00	8.6E-04	1.0E-03	1.6E-06	1.6E-01	5.5E-01	1.4E-07
288	0.16	1.6E-07	1.9E+00	8.6E-04	1.0E-03	1.7E-06	1.6E-01	5.5E-01	1.5E-07
289	0.17	1.7E-07	2.0E+00	8.6E-04	1.0E-03	1.8E-06	1.6E-01	5.5E-01	1.5E-07
290	0.17	1.7E-07	2.1E+00	8.6E-04	1.0E-03	1.9E-06	1.6E-01	5.5E-01	1.6E-07
291	0.18	1.8E-07	2.2E+00	8.6E-04	1.0E-03	2.0E-06	1.6E-01	5.5E-01	1.7E-07
292	0.18	1.8E-07	2.2E+00	8.6E-04	1.0E-03	2.0E-06	1.6E-01	5.5E-01	1.7E-07
293	0.19	1.9E-07	2.3E+00	8.6E-04	1.0E-03	2.1E-06	1.6E-01	5.5E-01	1.8E-07
294	0.19	1.9E-07	2.4E+00	8.6E-04	1.0E-03	2.1E-06	1.6E-01	5.5E-01	1.8E-07
295	0.19	1.9E-07	2.4E+00	8.6E-04	1.0E-03	2.2E-06	1.6E-01	5.5E-01	1.9E-07
296	0.20	2.0E-07	2.5E+00	8.6E-04	1.0E-03	2.2E-06	1.6E-01	5.5E-01	1.9E-07
297	0.20	2.0E-07	2.5E+00	8.6E-04	1.0E-03	2.3E-06	1.6E-01	5.5E-01	2.0E-07
298	0.20	2.0E-07	2.6E+00	8.6E-04	1.0E-03	2.3E-06	1.6E-01	5.5E-01	2.0E-07
299	0.10	9.7E-08	1.1E+00	8.6E-04	1.0E-03	9.9E-07	1.6E-01	5.5E-01	8.5E-08
300	0.10	1.0E-07	1.1E+00	8.6E-04	1.0E-03	1.0E-06	1.6E-01	5.5E-01	8.9E-08
301	0.11	1.1E-07	1.2E+00	8.6E-04	1.0E-03	1.1E-06	1.6E-01	5.5E-01	9.3E-08
302	0.13	1.3E-07	1.3E+00	8.6E-04	1.0E-03	1.1E-06	1.6E-01	5.5E-01	9.8E-08
303	0.11	1.1E-07	1.3E+00	8.6E-04	1.0E-03	1.2E-06	1.6E-01	5.5E-01	1.0E-07
304	0.12	1.2E-07	1.4E+00	8.6E-04	1.0E-03	1.3E-06	1.6E-01	5.5E-01	1.1E-07
305	0.13	1.3E-07	1.4E+00	8.6E-04	1.0E-03	1.3E-06	1.6E-01	5.5E-01	1.1E-07
306	0.15	1.5E-07	1.5E+00	8.6E-04	1.0E-03	1.4E-06	1.6E-01	5.5E-01	1.2E-07
307	0.15	1.5E-07	1.6E+00	8.6E-04	1.0E-03	1.4E-06	1.6E-01	5.5E-01	1.2E-07
308	0.15	1.5E-07	1.6E+00	8.6E-04	1.0E-03	1.5E-06	1.6E-01	5.5E-01	1.3E-07
309	0.15	1.5E-07	1.7E+00	8.6E-04	1.0E-03	1.5E-06	1.6E-01	5.5E-01	1.3E-07
310	0.19	1.9E-07	1.8E+00	8.6E-04	1.0E-03	1.6E-06	1.6E-01	5.5E-01	1.4E-07
311	0.18	1.8E-07	1.8E+00	8.6E-04	1.0E-03	1.7E-06	1.6E-01	5.5E-01	1.4E-07
312	0.18	1.8E-07	1.9E+00	8.6E-04	1.0E-03	1.7E-06	1.6E-01	5.5E-01	1.5E-07
313	0.18	1.8E-07	2.0E+00	8.6E-04	1.0E-03	1.8E-06	1.6E-01	5.5E-01	1.6E-07
314	0.18	1.8E-07	2.1E+00	8.6E-04	1.0E-03	1.9E-06	1.6E-01	5.5E-01	1.6E-07
315	0.18	1.8E-07	2.2E+00	8.6E-04	1.0E-03	2.0E-06	1.6E-01	5.5E-01	1.7E-07

316	0.19	1.9E-07	2.3E+00	8.6E-04	1.0E-03	2.1E-06	1.6E-01	5.5E-01	1.8E-07
317	0.20	2.0E-07	2.4E+00	8.6E-04	1.0E-03	2.2E-06	1.6E-01	5.5E-01	1.9E-07
318	0.20	2.0E-07	2.5E+00	8.6E-04	1.0E-03	2.2E-06	1.6E-01	5.5E-01	1.9E-07
319	0.21	2.1E-07	2.6E+00	8.6E-04	1.0E-03	2.3E-06	1.6E-01	5.5E-01	2.0E-07
320	0.21	2.1E-07	2.6E+00	8.6E-04	1.0E-03	2.4E-06	1.6E-01	5.5E-01	2.0E-07
321	0.22	2.2E-07	2.7E+00	8.6E-04	1.0E-03	2.4E-06	1.6E-01	5.5E-01	2.1E-07
322	0.22	2.2E-07	2.8E+00	8.6E-04	1.0E-03	2.5E-06	1.6E-01	5.5E-01	2.2E-07
323	0.22	2.2E-07	2.8E+00	8.6E-04	1.0E-03	2.5E-06	1.6E-01	5.5E-01	2.2E-07
324	0.23	2.3E-07	2.9E+00	8.6E-04	1.0E-03	2.6E-06	1.6E-01	5.5E-01	2.2E-07
325	0.10	1.0E-07	1.2E+00	8.6E-04	1.0E-03	1.1E-06	1.6E-01	5.5E-01	9.1E-08
326	0.11	1.1E-07	1.2E+00	8.6E-04	1.0E-03	1.1E-06	1.6E-01	5.5E-01	9.5E-08
327	0.13	1.3E-07	1.3E+00	8.6E-04	1.0E-03	1.2E-06	1.6E-01	5.5E-01	1.0E-07
328	0.14	1.4E-07	1.4E+00	8.6E-04	1.0E-03	1.2E-06	1.6E-01	5.5E-01	1.1E-07
329	0.12	1.2E-07	1.4E+00	8.6E-04	1.0E-03	1.3E-06	1.6E-01	5.5E-01	1.1E-07
330	0.14	1.4E-07	1.5E+00	8.6E-04	1.0E-03	1.4E-06	1.6E-01	5.5E-01	1.2E-07
331	0.15	1.5E-07	1.6E+00	8.6E-04	1.0E-03	1.4E-06	1.6E-01	5.5E-01	1.2E-07
332	0.13	1.3E-07	1.6E+00	8.6E-04	1.0E-03	1.5E-06	1.6E-01	5.5E-01	1.3E-07
333	0.14	1.4E-07	1.7E+00	8.6E-04	1.0E-03	1.5E-06	1.6E-01	5.5E-01	1.3E-07
334	0.17	1.7E-07	1.8E+00	8.6E-04	1.0E-03	1.6E-06	1.6E-01	5.5E-01	1.4E-07
335	0.17	1.7E-07	1.9E+00	8.6E-04	1.0E-03	1.7E-06	1.6E-01	5.5E-01	1.5E-07
336	0.17	1.7E-07	2.0E+00	8.6E-04	1.0E-03	1.8E-06	1.6E-01	5.5E-01	1.5E-07
337	0.20	2.0E-07	2.0E+00	8.6E-04	1.0E-03	1.8E-06	1.6E-01	5.5E-01	1.6E-07
338	0.20	2.0E-07	2.1E+00	8.6E-04	1.0E-03	1.9E-06	1.6E-01	5.5E-01	1.6E-07
339	0.20	2.0E-07	2.2E+00	8.6E-04	1.0E-03	2.0E-06	1.6E-01	5.5E-01	1.7E-07
340	0.20	2.0E-07	2.3E+00	8.6E-04	1.0E-03	2.1E-06	1.6E-01	5.5E-01	1.8E-07
341	0.20	2.0E-07	2.4E+00	8.6E-04	1.0E-03	2.2E-06	1.6E-01	5.5E-01	1.9E-07
342	0.21	2.1E-07	2.6E+00	8.6E-04	1.0E-03	2.3E-06	1.6E-01	5.5E-01	2.0E-07
343	0.22	2.2E-07	2.7E+00	8.6E-04	1.0E-03	2.4E-06	1.6E-01	5.5E-01	2.1E-07
344	0.23	2.3E-07	2.8E+00	8.6E-04	1.0E-03	2.5E-06	1.6E-01	5.5E-01	2.2E-07
345	0.23	2.3E-07	2.9E+00	8.6E-04	1.0E-03	2.6E-06	1.6E-01	5.5E-01	2.2E-07
346	0.24	2.4E-07	3.0E+00	8.6E-04	1.0E-03	2.7E-06	1.6E-01	5.5E-01	2.3E-07
347	0.24	2.4E-07	3.0E+00	8.6E-04	1.0E-03	2.7E-06	1.6E-01	5.5E-01	2.4E-07
348	0.25	2.5E-07	3.1E+00	8.6E-04	1.0E-03	2.8E-06	1.6E-01	5.5E-01	2.4E-07
349	0.25	2.5E-07	3.2E+00	8.6E-04	1.0E-03	2.9E-06	1.6E-01	5.5E-01	2.5E-07
350	0.25	2.5E-07	3.2E+00	8.6E-04	1.0E-03	2.9E-06	1.6E-01	5.5E-01	2.5E-07
351	0.11	1.1E-07	1.2E+00	8.6E-04	1.0E-03	1.1E-06	1.6E-01	5.5E-01	9.7E-08
352	0.12	1.2E-07	1.3E+00	8.6E-04	1.0E-03	1.2E-06	1.6E-01	5.5E-01	1.0E-07
353	0.14	1.4E-07	1.4E+00	8.6E-04	1.0E-03	1.3E-06	1.6E-01	5.5E-01	1.1E-07
354	0.12	1.2E-07	1.5E+00	8.6E-04	1.0E-03	1.3E-06	1.6E-01	5.5E-01	1.1E-07
355	0.13	1.3E-07	1.5E+00	8.6E-04	1.0E-03	1.4E-06	1.6E-01	5.5E-01	1.2E-07
356	0.15	1.5E-07	1.6E+00	8.6E-04	1.0E-03	1.5E-06	1.6E-01	5.5E-01	1.3E-07
357	0.13	1.3E-07	1.7E+00	8.6E-04	1.0E-03	1.5E-06	1.6E-01	5.5E-01	1.3E-07
358	0.14	1.4E-07	1.8E+00	8.6E-04	1.0E-03	1.6E-06	1.6E-01	5.5E-01	1.4E-07
359	0.15	1.5E-07	1.9E+00	8.6E-04	1.0E-03	1.7E-06	1.6E-01	5.5E-01	1.5E-07
360	0.19	1.9E-07	2.0E+00	8.6E-04	1.0E-03	1.8E-06	1.6E-01	5.5E-01	1.5E-07
361	0.18	1.8E-07	2.1E+00	8.6E-04	1.0E-03	1.9E-06	1.6E-01	5.5E-01	1.6E-07

362	0.18	1.8E-07	2.2E+00	8.6E-04	1.0E-03	2.0E-06	1.6E-01	5.5E-01	1.7E-07
363	0.22	2.2E-07	2.3E+00	8.6E-04	1.0E-03	2.0E-06	1.6E-01	5.5E-01	1.8E-07
364	0.22	2.2E-07	2.4E+00	8.6E-04	1.0E-03	2.1E-06	1.6E-01	5.5E-01	1.8E-07
365	0.22	2.2E-07	2.5E+00	8.6E-04	1.0E-03	2.3E-06	1.6E-01	5.5E-01	1.9E-07
366	0.22	2.2E-07	2.6E+00	8.6E-04	1.0E-03	2.4E-06	1.6E-01	5.5E-01	2.0E-07
367	0.23	2.3E-07	2.7E+00	8.6E-04	1.0E-03	2.5E-06	1.6E-01	5.5E-01	2.1E-07
368	0.24	2.4E-07	2.9E+00	8.6E-04	1.0E-03	2.6E-06	1.6E-01	5.5E-01	2.3E-07
369	0.25	2.5E-07	3.0E+00	8.6E-04	1.0E-03	2.7E-06	1.6E-01	5.5E-01	2.4E-07
370	0.25	2.5E-07	3.1E+00	8.6E-04	1.0E-03	2.8E-06	1.6E-01	5.5E-01	2.4E-07
371	0.26	2.6E-07	3.2E+00	8.6E-04	1.0E-03	2.9E-06	1.6E-01	5.5E-01	2.5E-07
372	0.27	2.7E-07	3.3E+00	8.6E-04	1.0E-03	3.0E-06	1.6E-01	5.5E-01	2.6E-07
373	0.27	2.7E-07	3.4E+00	8.6E-04	1.0E-03	3.1E-06	1.6E-01	5.5E-01	2.7E-07
374	0.28	2.8E-07	3.5E+00	8.6E-04	1.0E-03	3.2E-06	1.6E-01	5.5E-01	2.7E-07
375	0.28	2.8E-07	3.6E+00	8.6E-04	1.0E-03	3.2E-06	1.6E-01	5.5E-01	2.8E-07
376	0.28	2.8E-07	3.6E+00	8.6E-04	1.0E-03	3.2E-06	1.6E-01	5.5E-01	2.8E-07
377	0.12	1.2E-07	1.3E+00	8.6E-04	1.0E-03	1.2E-06	1.6E-01	5.5E-01	1.0E-07
378	0.13	1.3E-07	1.4E+00	8.6E-04	1.0E-03	1.3E-06	1.6E-01	5.5E-01	1.1E-07
379	0.14	1.4E-07	1.5E+00	8.6E-04	1.0E-03	1.3E-06	1.6E-01	5.5E-01	1.2E-07
380	0.13	1.3E-07	1.6E+00	8.6E-04	1.0E-03	1.4E-06	1.6E-01	5.5E-01	1.2E-07
381	0.14	1.4E-07	1.7E+00	8.6E-04	1.0E-03	1.5E-06	1.6E-01	5.5E-01	1.3E-07
382	0.26	2.6E-07	3.1E+00	8.6E-04	1.0E-03	2.8E-06	1.6E-01	5.5E-01	2.4E-07
383	0.27	2.7E-07	3.3E+00	8.6E-04	1.0E-03	3.0E-06	1.6E-01	5.5E-01	2.6E-07
384	0.28	2.8E-07	3.5E+00	8.6E-04	1.0E-03	3.1E-06	1.6E-01	5.5E-01	2.7E-07
385	0.29	2.9E-07	3.6E+00	8.6E-04	1.0E-03	3.2E-06	1.6E-01	5.5E-01	2.8E-07
386	0.29	2.9E-07	3.7E+00	8.6E-04	1.0E-03	3.3E-06	1.6E-01	5.5E-01	2.9E-07
387	0.30	3.0E-07	3.8E+00	8.6E-04	1.0E-03	3.4E-06	1.6E-01	5.5E-01	3.0E-07
388	0.31	3.1E-07	3.9E+00	8.6E-04	1.0E-03	3.5E-06	1.6E-01	5.5E-01	3.0E-07
389	0.31	3.1E-07	4.0E+00	8.6E-04	1.0E-03	3.6E-06	1.6E-01	5.5E-01	3.1E-07
390	0.32	3.2E-07	4.0E+00	8.6E-04	1.0E-03	3.6E-06	1.6E-01	5.5E-01	3.1E-07
391	0.32	3.2E-07	4.0E+00	8.6E-04	1.0E-03	3.6E-06	1.6E-01	5.5E-01	3.1E-07
392	0.12	1.2E-07	1.4E+00	8.6E-04	1.0E-03	1.3E-06	1.6E-01	5.5E-01	1.1E-07
393	0.13	1.3E-07	1.5E+00	8.6E-04	1.0E-03	1.4E-06	1.6E-01	5.5E-01	1.2E-07
394	0.15	1.5E-07	1.6E+00	8.6E-04	1.0E-03	1.4E-06	1.6E-01	5.5E-01	1.2E-07
395	0.14	1.4E-07	1.7E+00	8.6E-04	1.0E-03	1.5E-06	1.6E-01	5.5E-01	1.3E-07
396	0.15	1.5E-07	1.8E+00	8.6E-04	1.0E-03	1.6E-06	1.6E-01	5.5E-01	1.4E-07
397	0.29	2.9E-07	3.6E+00	8.6E-04	1.0E-03	3.2E-06	1.6E-01	5.5E-01	2.8E-07
398	0.30	3.0E-07	3.8E+00	8.6E-04	1.0E-03	3.4E-06	1.6E-01	5.5E-01	2.9E-07
399	0.32	3.2E-07	4.0E+00	8.6E-04	1.0E-03	3.6E-06	1.6E-01	5.5E-01	3.1E-07
400	0.33	3.3E-07	4.1E+00	8.6E-04	1.0E-03	3.7E-06	1.6E-01	5.5E-01	3.2E-07
401	0.34	3.4E-07	4.2E+00	8.6E-04	1.0E-03	3.8E-06	1.6E-01	5.5E-01	3.3E-07
402	0.34	3.4E-07	4.3E+00	8.6E-04	1.0E-03	3.9E-06	1.6E-01	5.5E-01	3.4E-07
403	0.35	3.5E-07	4.4E+00	8.6E-04	1.0E-03	4.0E-06	1.6E-01	5.5E-01	3.4E-07
404	0.35	3.5E-07	4.5E+00	8.6E-04	1.0E-03	4.1E-06	1.6E-01	5.5E-01	3.5E-07
405	0.36	3.6E-07	4.5E+00	8.6E-04	1.0E-03	4.1E-06	1.6E-01	5.5E-01	3.5E-07
406	0.36	3.6E-07	4.5E+00	8.6E-04	1.0E-03	4.1E-06	1.6E-01	5.5E-01	3.5E-07
407	0.13	1.3E-07	1.5E+00	8.6E-04	1.0E-03	1.4E-06	1.6E-01	5.5E-01	1.2E-07

408	0.14	1.4E-07	1.6E+00	8.6E-04	1.0E-03	1.5E-06	1.6E-01	5.5E-01	1.2E-07
409	0.15	1.5E-07	1.7E+00	8.6E-04	1.0E-03	1.5E-06	1.6E-01	5.5E-01	1.3E-07
410	0.17	1.7E-07	1.8E+00	8.6E-04	1.0E-03	1.7E-06	1.6E-01	5.5E-01	1.4E-07
411	0.16	1.6E-07	2.0E+00	8.6E-04	1.0E-03	1.8E-06	1.6E-01	5.5E-01	1.5E-07
412	0.33	3.3E-07	4.1E+00	8.6E-04	1.0E-03	3.7E-06	1.6E-01	5.5E-01	3.2E-07
413	0.35	3.5E-07	4.3E+00	8.6E-04	1.0E-03	3.9E-06	1.6E-01	5.5E-01	3.4E-07
414	0.36	3.6E-07	4.6E+00	8.6E-04	1.0E-03	4.1E-06	1.6E-01	5.5E-01	3.5E-07
415	0.38	3.8E-07	4.7E+00	8.6E-04	1.0E-03	4.3E-06	1.6E-01	5.5E-01	3.7E-07
416	0.39	3.9E-07	4.9E+00	8.6E-04	1.0E-03	4.4E-06	1.6E-01	5.5E-01	3.8E-07
417	0.39	3.9E-07	5.0E+00	8.6E-04	1.0E-03	4.5E-06	1.6E-01	5.5E-01	3.9E-07
418	0.40	4.0E-07	5.1E+00	8.6E-04	1.0E-03	4.6E-06	1.6E-01	5.5E-01	4.0E-07
419	0.40	4.0E-07	5.1E+00	8.6E-04	1.0E-03	4.6E-06	1.6E-01	5.5E-01	4.0E-07
420	0.40	4.0E-07	5.1E+00	8.6E-04	1.0E-03	4.6E-06	1.6E-01	5.5E-01	4.0E-07
421	0.40	4.0E-07	5.1E+00	8.6E-04	1.0E-03	4.6E-06	1.6E-01	5.5E-01	4.0E-07
422	0.14	1.4E-07	1.6E+00	8.6E-04	1.0E-03	1.5E-06	1.6E-01	5.5E-01	1.3E-07
423	0.15	1.5E-07	1.7E+00	8.6E-04	1.0E-03	1.6E-06	1.6E-01	5.5E-01	1.3E-07
424	0.16	1.6E-07	1.8E+00	8.6E-04	1.0E-03	1.7E-06	1.6E-01	5.5E-01	1.4E-07
425	0.18	1.8E-07	2.0E+00	8.6E-04	1.0E-03	1.8E-06	1.6E-01	5.5E-01	1.5E-07
426	0.20	2.0E-07	2.1E+00	8.6E-04	1.0E-03	1.9E-06	1.6E-01	5.5E-01	1.7E-07
427	0.38	3.8E-07	4.8E+00	8.6E-04	1.0E-03	4.3E-06	1.6E-01	5.5E-01	3.7E-07
428	0.40	4.0E-07	5.1E+00	8.6E-04	1.0E-03	4.6E-06	1.6E-01	5.5E-01	3.9E-07
429	0.42	4.2E-07	5.3E+00	8.6E-04	1.0E-03	4.8E-06	1.6E-01	5.5E-01	4.1E-07
430	0.44	4.4E-07	5.5E+00	8.6E-04	1.0E-03	5.0E-06	1.6E-01	5.5E-01	4.3E-07
431	0.45	4.5E-07	5.7E+00	8.6E-04	1.0E-03	5.1E-06	1.6E-01	5.5E-01	4.4E-07
432	0.46	4.6E-07	5.8E+00	8.6E-04	1.0E-03	5.2E-06	1.6E-01	5.5E-01	4.5E-07
433	0.46	4.6E-07	5.9E+00	8.6E-04	1.0E-03	5.3E-06	1.6E-01	5.5E-01	4.6E-07
434	0.46	4.6E-07	5.9E+00	8.6E-04	1.0E-03	5.3E-06	1.6E-01	5.5E-01	4.6E-07
435	0.46	4.6E-07	5.8E+00	8.6E-04	1.0E-03	5.3E-06	1.6E-01	5.5E-01	4.5E-07
436	0.45	4.5E-07	5.8E+00	8.6E-04	1.0E-03	5.2E-06	1.6E-01	5.5E-01	4.5E-07
437	0.14	1.4E-07	1.7E+00	8.6E-04	1.0E-03	1.6E-06	1.6E-01	5.5E-01	1.3E-07
438	0.15	1.5E-07	1.8E+00	8.6E-04	1.0E-03	1.7E-06	1.6E-01	5.5E-01	1.4E-07
439	0.17	1.7E-07	2.0E+00	8.6E-04	1.0E-03	1.8E-06	1.6E-01	5.5E-01	1.5E-07
440	0.18	1.8E-07	2.1E+00	8.6E-04	1.0E-03	1.9E-06	1.6E-01	5.5E-01	1.7E-07
441	0.20	2.0E-07	2.3E+00	8.6E-04	1.0E-03	2.1E-06	1.6E-01	5.5E-01	1.8E-07
442	0.45	4.5E-07	5.7E+00	8.6E-04	1.0E-03	5.2E-06	1.6E-01	5.5E-01	4.4E-07
443	0.47	4.7E-07	6.0E+00	8.6E-04	1.0E-03	5.4E-06	1.6E-01	5.5E-01	4.6E-07
444	0.49	4.9E-07	6.3E+00	8.6E-04	1.0E-03	5.7E-06	1.6E-01	5.5E-01	4.9E-07
445	0.51	5.1E-07	6.5E+00	8.6E-04	1.0E-03	5.9E-06	1.6E-01	5.5E-01	5.0E-07
446	0.52	5.2E-07	6.7E+00	8.6E-04	1.0E-03	6.0E-06	1.6E-01	5.5E-01	5.2E-07
447	0.53	5.3E-07	6.8E+00	8.6E-04	1.0E-03	6.1E-06	1.6E-01	5.5E-01	5.3E-07
448	0.53	5.3E-07	6.8E+00	8.6E-04	1.0E-03	6.1E-06	1.6E-01	5.5E-01	5.3E-07
449	0.53	5.3E-07	6.8E+00	8.6E-04	1.0E-03	6.1E-06	1.6E-01	5.5E-01	5.3E-07
450	0.52	5.2E-07	6.7E+00	8.6E-04	1.0E-03	6.0E-06	1.6E-01	5.5E-01	5.2E-07
451	0.51	5.1E-07	6.5E+00	8.6E-04	1.0E-03	5.9E-06	1.6E-01	5.5E-01	5.1E-07
452	0.15	1.5E-07	1.8E+00	8.6E-04	1.0E-03	1.7E-06	1.6E-01	5.5E-01	1.4E-07
453	0.16	1.6E-07	2.0E+00	8.6E-04	1.0E-03	1.8E-06	1.6E-01	5.5E-01	1.5E-07

454	0.18	1.8E-07	2.2E+00	8.6E-04	1.0E-03	1.9E-06	1.6E-01	5.5E-01	1.7E-07
455	0.19	1.9E-07	2.3E+00	8.6E-04	1.0E-03	2.1E-06	1.6E-01	5.5E-01	1.8E-07
456	0.21	2.1E-07	2.5E+00	8.6E-04	1.0E-03	2.3E-06	1.6E-01	5.5E-01	2.0E-07
457	0.54	5.4E-07	6.8E+00	8.6E-04	1.0E-03	6.2E-06	1.6E-01	5.5E-01	5.3E-07
458	0.56	5.6E-07	7.2E+00	8.6E-04	1.0E-03	6.5E-06	1.6E-01	5.5E-01	5.6E-07
459	0.59	5.9E-07	7.5E+00	8.6E-04	1.0E-03	6.7E-06	1.6E-01	5.5E-01	5.8E-07
460	0.60	6.0E-07	7.7E+00	8.6E-04	1.0E-03	7.0E-06	1.6E-01	5.5E-01	6.0E-07
461	0.62	6.2E-07	7.9E+00	8.6E-04	1.0E-03	7.1E-06	1.6E-01	5.5E-01	6.1E-07
462	0.62	6.2E-07	7.9E+00	8.6E-04	1.0E-03	7.2E-06	1.6E-01	5.5E-01	6.2E-07
463	0.62	6.2E-07	7.9E+00	8.6E-04	1.0E-03	7.2E-06	1.6E-01	5.5E-01	6.2E-07
464	0.61	6.1E-07	7.8E+00	8.6E-04	1.0E-03	7.1E-06	1.6E-01	5.5E-01	6.1E-07
465	0.60	6.0E-07	7.6E+00	8.6E-04	1.0E-03	6.9E-06	1.6E-01	5.5E-01	5.9E-07
466	0.58	5.8E-07	7.4E+00	8.6E-04	1.0E-03	6.7E-06	1.6E-01	5.5E-01	5.7E-07
467	0.16	1.6E-07	1.9E+00	8.6E-04	1.0E-03	1.8E-06	1.6E-01	5.5E-01	1.5E-07
468	0.17	1.7E-07	2.1E+00	8.6E-04	1.0E-03	1.9E-06	1.6E-01	5.5E-01	1.6E-07
469	0.19	1.9E-07	2.3E+00	8.6E-04	1.0E-03	2.1E-06	1.6E-01	5.5E-01	1.8E-07
470	0.21	2.1E-07	2.5E+00	8.6E-04	1.0E-03	2.3E-06	1.6E-01	5.5E-01	2.0E-07
471	0.23	2.3E-07	2.8E+00	8.6E-04	1.0E-03	2.5E-06	1.6E-01	5.5E-01	2.2E-07
472	0.65	6.5E-07	8.2E+00	8.6E-04	1.0E-03	7.4E-06	1.6E-01	5.5E-01	6.4E-07
473	0.68	6.8E-07	8.6E+00	8.6E-04	1.0E-03	7.8E-06	1.6E-01	5.5E-01	6.7E-07
474	0.70	7.0E-07	9.0E+00	8.6E-04	1.0E-03	8.1E-06	1.6E-01	5.5E-01	7.0E-07
475	0.72	7.2E-07	9.2E+00	8.6E-04	1.0E-03	8.3E-06	1.6E-01	5.5E-01	7.2E-07
476	0.73	7.3E-07	9.4E+00	8.6E-04	1.0E-03	8.5E-06	1.6E-01	5.5E-01	7.3E-07
477	0.73	7.3E-07	9.4E+00	8.6E-04	1.0E-03	8.5E-06	1.6E-01	5.5E-01	7.3E-07
478	0.72	7.2E-07	9.3E+00	8.6E-04	1.0E-03	8.4E-06	1.6E-01	5.5E-01	7.2E-07
479	0.71	7.1E-07	9.0E+00	8.6E-04	1.0E-03	8.2E-06	1.6E-01	5.5E-01	7.0E-07
480	0.68	6.8E-07	8.7E+00	8.6E-04	1.0E-03	7.9E-06	1.6E-01	5.5E-01	6.8E-07
481	0.65	6.5E-07	8.3E+00	8.6E-04	1.0E-03	7.5E-06	1.6E-01	5.5E-01	6.5E-07
482	0.17	1.7E-07	2.1E+00	8.6E-04	1.0E-03	1.9E-06	1.6E-01	5.5E-01	1.6E-07
483	0.18	1.8E-07	2.3E+00	8.6E-04	1.0E-03	2.0E-06	1.6E-01	5.5E-01	1.8E-07
484	0.20	2.0E-07	2.5E+00	8.6E-04	1.0E-03	2.3E-06	1.6E-01	5.5E-01	1.9E-07
485	0.22	2.2E-07	2.8E+00	8.6E-04	1.0E-03	2.5E-06	1.6E-01	5.5E-01	2.1E-07
486	0.25	2.5E-07	3.1E+00	8.6E-04	1.0E-03	2.8E-06	1.6E-01	5.5E-01	2.4E-07
487	0.79	7.9E-07	1.0E+01	8.6E-04	1.0E-03	9.1E-06	1.6E-01	5.5E-01	7.8E-07
488	0.83	8.3E-07	1.1E+01	8.6E-04	1.0E-03	9.6E-06	1.6E-01	5.5E-01	8.2E-07
489	0.86	8.6E-07	1.1E+01	8.6E-04	1.0E-03	9.9E-06	1.6E-01	5.5E-01	8.5E-07
490	0.87	8.7E-07	1.1E+01	8.6E-04	1.0E-03	1.0E-05	1.6E-01	5.5E-01	8.7E-07
491	0.88	8.8E-07	1.1E+01	8.6E-04	1.0E-03	1.0E-05	1.6E-01	5.5E-01	8.7E-07
492	0.87	8.7E-07	1.1E+01	8.6E-04	1.0E-03	1.0E-05	1.6E-01	5.5E-01	8.6E-07
493	0.85	8.5E-07	1.1E+01	8.6E-04	1.0E-03	9.8E-06	1.6E-01	5.5E-01	8.4E-07
494	0.82	8.2E-07	1.0E+01	8.6E-04	1.0E-03	9.4E-06	1.6E-01	5.5E-01	8.1E-07
495	0.78	7.8E-07	1.0E+01	8.6E-04	1.0E-03	9.0E-06	1.6E-01	5.5E-01	7.8E-07
496	0.73	7.3E-07	9.4E+00	8.6E-04	1.0E-03	8.5E-06	1.6E-01	5.5E-01	7.3E-07
497	0.18	1.8E-07	2.2E+00	8.6E-04	1.0E-03	2.0E-06	1.6E-01	5.5E-01	1.7E-07
498	0.19	1.9E-07	2.4E+00	8.6E-04	1.0E-03	2.2E-06	1.6E-01	5.5E-01	1.9E-07
499	0.22	2.2E-07	2.7E+00	8.6E-04	1.0E-03	2.4E-06	1.6E-01	5.5E-01	2.1E-07

500	0.24	2.4E-07	3.0E+00	8.6E-04	1.0E-03	2.7E-06	1.6E-01	5.5E-01	2.3E-07
501	0.27	2.7E-07	3.4E+00	8.6E-04	1.0E-03	3.1E-06	1.6E-01	5.5E-01	2.6E-07
502	0.98	9.8E-07	1.3E+01	8.6E-04	1.0E-03	1.1E-05	1.6E-01	5.5E-01	9.8E-07
503	1.03	1.0E-06	1.3E+01	8.6E-04	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.0E-06
504	1.06	1.1E-06	1.4E+01	8.6E-04	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.1E-06
505	1.07	1.1E-06	1.4E+01	8.6E-04	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.1E-06
506	1.06	1.1E-06	1.4E+01	8.6E-04	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.1E-06
507	1.03	1.0E-06	1.3E+01	8.6E-04	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.0E-06
508	0.99	9.9E-07	1.3E+01	8.6E-04	1.0E-03	1.1E-05	1.6E-01	5.5E-01	9.9E-07
509	0.94	9.4E-07	1.2E+01	8.6E-04	1.0E-03	1.1E-05	1.6E-01	5.5E-01	9.4E-07
510	0.88	8.8E-07	1.1E+01	8.6E-04	1.0E-03	1.0E-05	1.6E-01	5.5E-01	8.8E-07
511	0.82	8.2E-07	1.1E+01	8.6E-04	1.0E-03	9.5E-06	1.6E-01	5.5E-01	8.2E-07
512	0.19	1.9E-07	2.3E+00	8.6E-04	1.0E-03	2.1E-06	1.6E-01	5.5E-01	1.8E-07
513	0.21	2.1E-07	2.6E+00	8.6E-04	1.0E-03	2.3E-06	1.6E-01	5.5E-01	2.0E-07
514	0.23	2.3E-07	2.9E+00	8.6E-04	1.0E-03	2.6E-06	1.6E-01	5.5E-01	2.2E-07
515	0.26	2.6E-07	3.3E+00	8.6E-04	1.0E-03	2.9E-06	1.6E-01	5.5E-01	2.5E-07
516	0.30	3.0E-07	3.7E+00	8.6E-04	1.0E-03	3.4E-06	1.6E-01	5.5E-01	2.9E-07
517	1.26	1.3E-06	1.6E+01	8.6E-04	1.0E-03	1.5E-05	1.6E-01	5.5E-01	1.3E-06
518	1.31	1.3E-06	1.7E+01	8.6E-04	1.0E-03	1.5E-05	1.6E-01	5.5E-01	1.3E-06
519	1.33	1.3E-06	1.7E+01	8.6E-04	1.0E-03	1.5E-05	1.6E-01	5.5E-01	1.3E-06
520	1.32	1.3E-06	1.7E+01	8.6E-04	1.0E-03	1.5E-05	1.6E-01	5.5E-01	1.3E-06
521	1.29	1.3E-06	1.7E+01	8.6E-04	1.0E-03	1.5E-05	1.6E-01	5.5E-01	1.3E-06
522	1.23	1.2E-06	1.6E+01	8.6E-04	1.0E-03	1.4E-05	1.6E-01	5.5E-01	1.2E-06
523	1.16	1.2E-06	1.5E+01	8.6E-04	1.0E-03	1.3E-05	1.6E-01	5.5E-01	1.2E-06
524	1.08	1.1E-06	1.4E+01	8.6E-04	1.0E-03	1.3E-05	1.6E-01	5.5E-01	1.1E-06
525	1.00	1.0E-06	1.3E+01	8.6E-04	1.0E-03	1.2E-05	1.6E-01	5.5E-01	9.9E-07
526	0.91	9.1E-07	1.2E+01	8.6E-04	1.0E-03	1.1E-05	1.6E-01	5.5E-01	9.1E-07
527	0.19	1.9E-07	2.5E+00	8.6E-04	1.0E-03	2.2E-06	1.6E-01	5.5E-01	1.9E-07
528	0.22	2.2E-07	2.8E+00	8.6E-04	1.0E-03	2.5E-06	1.6E-01	5.5E-01	2.1E-07
529	0.25	2.5E-07	3.1E+00	8.6E-04	1.0E-03	2.8E-06	1.6E-01	5.5E-01	2.4E-07
530	0.28	2.8E-07	3.5E+00	8.6E-04	1.0E-03	3.2E-06	1.6E-01	5.5E-01	2.8E-07
531	0.32	3.2E-07	4.1E+00	8.6E-04	1.0E-03	3.7E-06	1.6E-01	5.5E-01	3.2E-07
532	1.64	1.6E-06	2.1E+01	8.6E-04	1.0E-03	1.9E-05	1.6E-01	5.5E-01	1.6E-06
533	1.69	1.7E-06	2.2E+01	8.6E-04	1.0E-03	2.0E-05	1.6E-01	5.5E-01	1.7E-06
534	1.68	1.7E-06	2.2E+01	8.6E-04	1.0E-03	1.9E-05	1.6E-01	5.5E-01	1.7E-06
535	1.63	1.6E-06	2.1E+01	8.6E-04	1.0E-03	1.9E-05	1.6E-01	5.5E-01	1.6E-06
536	1.55	1.5E-06	2.0E+01	8.6E-04	1.0E-03	1.8E-05	1.6E-01	5.5E-01	1.5E-06
537	1.45	1.4E-06	1.9E+01	8.6E-04	1.0E-03	1.7E-05	1.6E-01	5.5E-01	1.4E-06
538	1.34	1.3E-06	1.7E+01	8.6E-04	1.0E-03	1.6E-05	1.6E-01	5.5E-01	1.3E-06
539	1.23	1.2E-06	1.6E+01	8.6E-04	1.0E-03	1.4E-05	1.6E-01	5.5E-01	1.2E-06
540	1.11	1.1E-06	1.4E+01	8.6E-04	1.0E-03	1.3E-05	1.6E-01	5.5E-01	1.1E-06
541	0.99	9.9E-07	1.3E+01	8.6E-04	1.0E-03	1.1E-05	1.6E-01	5.5E-01	9.9E-07
542	0.20	2.0E-07	2.6E+00	8.6E-04	1.0E-03	2.3E-06	1.6E-01	5.5E-01	2.0E-07
543	0.23	2.3E-07	2.9E+00	8.6E-04	1.0E-03	2.6E-06	1.6E-01	5.5E-01	2.3E-07
544	0.26	2.6E-07	3.3E+00	8.6E-04	1.0E-03	3.0E-06	1.6E-01	5.5E-01	2.6E-07
545	0.30	3.0E-07	3.8E+00	8.6E-04	1.0E-03	3.5E-06	1.6E-01	5.5E-01	3.0E-07

546	0.35	3.5E-07	4.5E+00	8.6E-04	1.0E-03	4.0E-06	1.6E-01	5.5E-01	3.5E-07
547	2.20	2.2E-06	2.8E+01	8.6E-04	1.0E-03	2.5E-05	1.6E-01	5.5E-01	2.2E-06
548	2.21	2.2E-06	2.8E+01	8.6E-04	1.0E-03	2.6E-05	1.6E-01	5.5E-01	2.2E-06
549	2.15	2.1E-06	2.8E+01	8.6E-04	1.0E-03	2.5E-05	1.6E-01	5.5E-01	2.1E-06
550	2.02	2.0E-06	2.6E+01	8.6E-04	1.0E-03	2.3E-05	1.6E-01	5.5E-01	2.0E-06
551	1.81	1.8E-06	2.3E+01	8.6E-04	1.0E-03	2.1E-05	1.6E-01	5.5E-01	1.8E-06
552	1.64	1.6E-06	2.1E+01	8.6E-04	1.0E-03	1.9E-05	1.6E-01	5.5E-01	1.6E-06
553	1.48	1.5E-06	1.9E+01	8.6E-04	1.0E-03	1.7E-05	1.6E-01	5.5E-01	1.5E-06
554	1.33	1.3E-06	1.7E+01	8.6E-04	1.0E-03	1.5E-05	1.6E-01	5.5E-01	1.3E-06
555	1.19	1.2E-06	1.5E+01	8.6E-04	1.0E-03	1.4E-05	1.6E-01	5.5E-01	1.2E-06
556	1.05	1.0E-06	1.3E+01	8.6E-04	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.0E-06
557	0.21	2.1E-07	2.7E+00	8.6E-04	1.0E-03	2.4E-06	1.6E-01	5.5E-01	2.1E-07
558	0.24	2.4E-07	3.1E+00	8.6E-04	1.0E-03	2.8E-06	1.6E-01	5.5E-01	2.4E-07
559	0.28	2.8E-07	3.5E+00	8.6E-04	1.0E-03	3.2E-06	1.6E-01	5.5E-01	2.7E-07
560	0.32	3.2E-07	4.1E+00	8.6E-04	1.0E-03	3.7E-06	1.6E-01	5.5E-01	3.2E-07
561	0.38	3.8E-07	4.8E+00	8.6E-04	1.0E-03	4.4E-06	1.6E-01	5.5E-01	3.8E-07
562	3.00	3.0E-06	3.9E+01	8.6E-04	1.0E-03	3.5E-05	1.6E-01	5.5E-01	3.0E-06
563	2.83	2.8E-06	3.6E+01	8.6E-04	1.0E-03	3.3E-05	1.6E-01	5.5E-01	2.8E-06
564	2.51	2.5E-06	3.2E+01	8.6E-04	1.0E-03	2.9E-05	1.6E-01	5.5E-01	2.5E-06
565	2.04	2.0E-06	2.6E+01	8.6E-04	1.0E-03	2.4E-05	1.6E-01	5.5E-01	2.0E-06
566	1.78	1.8E-06	2.3E+01	8.6E-04	1.0E-03	2.1E-05	1.6E-01	5.5E-01	1.8E-06
567	1.56	1.6E-06	2.0E+01	8.6E-04	1.0E-03	1.8E-05	1.6E-01	5.5E-01	1.6E-06
568	1.37	1.4E-06	1.8E+01	8.6E-04	1.0E-03	1.6E-05	1.6E-01	5.5E-01	1.4E-06
569	1.20	1.2E-06	1.5E+01	8.6E-04	1.0E-03	1.4E-05	1.6E-01	5.5E-01	1.2E-06
570	1.07	1.1E-06	1.4E+01	8.6E-04	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.1E-06
571	0.22	2.2E-07	2.8E+00	8.6E-04	1.0E-03	2.5E-06	1.6E-01	5.5E-01	2.2E-07
572	0.25	2.5E-07	3.2E+00	8.6E-04	1.0E-03	2.9E-06	1.6E-01	5.5E-01	2.5E-07
573	0.29	2.9E-07	3.7E+00	8.6E-04	1.0E-03	3.4E-06	1.6E-01	5.5E-01	2.9E-07
574	0.35	3.5E-07	4.4E+00	8.6E-04	1.0E-03	4.0E-06	1.6E-01	5.5E-01	3.4E-07
575	0.41	4.1E-07	5.2E+00	8.6E-04	1.0E-03	4.7E-06	1.6E-01	5.5E-01	4.1E-07
576	3.80	3.8E-06	4.9E+01	8.6E-04	1.0E-03	4.4E-05	1.6E-01	5.5E-01	3.8E-06
577	3.23	3.2E-06	4.2E+01	8.6E-04	1.0E-03	3.8E-05	1.6E-01	5.5E-01	3.2E-06
578	2.61	2.6E-06	3.3E+01	8.6E-04	1.0E-03	3.0E-05	1.6E-01	5.5E-01	2.6E-06
579	2.19	2.2E-06	2.8E+01	8.6E-04	1.0E-03	2.5E-05	1.6E-01	5.5E-01	2.2E-06
580	1.83	1.8E-06	2.4E+01	8.6E-04	1.0E-03	2.1E-05	1.6E-01	5.5E-01	1.8E-06
581	1.52	1.5E-06	1.9E+01	8.6E-04	1.0E-03	1.8E-05	1.6E-01	5.5E-01	1.5E-06
582	1.28	1.3E-06	1.6E+01	8.6E-04	1.0E-03	1.5E-05	1.6E-01	5.5E-01	1.3E-06
583	1.08	1.1E-06	1.4E+01	8.6E-04	1.0E-03	1.3E-05	1.6E-01	5.5E-01	1.1E-06
584	0.23	2.3E-07	2.9E+00	8.6E-04	1.0E-03	2.6E-06	1.6E-01	5.5E-01	2.3E-07
585	0.26	2.6E-07	3.4E+00	8.6E-04	1.0E-03	3.0E-06	1.6E-01	5.5E-01	2.6E-07
586	0.31	3.1E-07	3.9E+00	8.6E-04	1.0E-03	3.5E-06	1.6E-01	5.5E-01	3.0E-07
587	0.36	3.6E-07	4.6E+00	8.6E-04	1.0E-03	4.2E-06	1.6E-01	5.5E-01	3.6E-07
588	0.43	4.3E-07	5.5E+00	8.6E-04	1.0E-03	5.0E-06	1.6E-01	5.5E-01	4.3E-07
589	4.26	4.3E-06	5.5E+01	8.6E-04	1.0E-03	4.9E-05	1.6E-01	5.5E-01	4.3E-06
590	3.45	3.5E-06	4.4E+01	8.6E-04	1.0E-03	4.0E-05	1.6E-01	5.5E-01	3.4E-06
591	2.77	2.8E-06	3.6E+01	8.6E-04	1.0E-03	3.2E-05	1.6E-01	5.5E-01	2.8E-06

592	2.18	2.2E-06	2.8E+01	8.6E-04	1.0E-03	2.5E-05	1.6E-01	5.5E-01	2.2E-06
593	1.76	1.8E-06	2.3E+01	8.6E-04	1.0E-03	2.0E-05	1.6E-01	5.5E-01	1.8E-06
594	1.43	1.4E-06	1.8E+01	8.6E-04	1.0E-03	1.7E-05	1.6E-01	5.5E-01	1.4E-06
595	1.16	1.2E-06	1.5E+01	8.6E-04	1.0E-03	1.3E-05	1.6E-01	5.5E-01	1.2E-06
596	0.23	2.3E-07	3.0E+00	8.6E-04	1.0E-03	2.7E-06	1.6E-01	5.5E-01	2.3E-07
597	0.27	2.7E-07	3.5E+00	8.6E-04	1.0E-03	3.1E-06	1.6E-01	5.5E-01	2.7E-07
598	0.32	3.2E-07	4.0E+00	8.6E-04	1.0E-03	3.6E-06	1.6E-01	5.5E-01	3.1E-07
599	0.38	3.8E-07	4.8E+00	8.6E-04	1.0E-03	4.3E-06	1.6E-01	5.5E-01	3.7E-07
600	0.45	4.5E-07	5.8E+00	8.6E-04	1.0E-03	5.2E-06	1.6E-01	5.5E-01	4.5E-07
601	4.00	4.0E-06	5.1E+01	8.6E-04	1.0E-03	4.6E-05	1.6E-01	5.5E-01	4.0E-06
602	3.05	3.0E-06	3.9E+01	8.6E-04	1.0E-03	3.5E-05	1.6E-01	5.5E-01	3.0E-06
603	2.34	2.3E-06	3.0E+01	8.6E-04	1.0E-03	2.7E-05	1.6E-01	5.5E-01	2.3E-06
604	1.86	1.9E-06	2.4E+01	8.6E-04	1.0E-03	2.2E-05	1.6E-01	5.5E-01	1.9E-06
605	1.50	1.5E-06	1.9E+01	8.6E-04	1.0E-03	1.7E-05	1.6E-01	5.5E-01	1.5E-06
606	1.21	1.2E-06	1.5E+01	8.6E-04	1.0E-03	1.4E-05	1.6E-01	5.5E-01	1.2E-06
607	0.24	2.4E-07	3.0E+00	8.6E-04	1.0E-03	2.7E-06	1.6E-01	5.5E-01	2.4E-07
608	0.28	2.8E-07	3.5E+00	8.6E-04	1.0E-03	3.2E-06	1.6E-01	5.5E-01	2.7E-07
609	0.32	3.2E-07	4.1E+00	8.6E-04	1.0E-03	3.7E-06	1.6E-01	5.5E-01	3.2E-07
610	0.38	3.8E-07	4.9E+00	8.6E-04	1.0E-03	4.4E-06	1.6E-01	5.5E-01	3.8E-07
611	0.47	4.7E-07	6.0E+00	8.6E-04	1.0E-03	5.4E-06	1.6E-01	5.5E-01	4.6E-07
612	4.35	4.4E-06	5.6E+01	8.6E-04	1.0E-03	5.1E-05	1.6E-01	5.5E-01	4.3E-06
613	3.18	3.2E-06	4.1E+01	8.6E-04	1.0E-03	3.7E-05	1.6E-01	5.5E-01	3.2E-06
614	2.39	2.4E-06	3.1E+01	8.6E-04	1.0E-03	2.8E-05	1.6E-01	5.5E-01	2.4E-06
615	1.87	1.9E-06	2.4E+01	8.6E-04	1.0E-03	2.2E-05	1.6E-01	5.5E-01	1.9E-06
616	1.49	1.5E-06	1.9E+01	8.6E-04	1.0E-03	1.7E-05	1.6E-01	5.5E-01	1.5E-06
617	1.19	1.2E-06	1.5E+01	8.6E-04	1.0E-03	1.4E-05	1.6E-01	5.5E-01	1.2E-06
618	0.24	2.4E-07	3.0E+00	8.6E-04	1.0E-03	2.7E-06	1.6E-01	5.5E-01	2.4E-07
619	0.28	2.8E-07	3.5E+00	8.6E-04	1.0E-03	3.2E-06	1.6E-01	5.5E-01	2.7E-07
620	0.32	3.2E-07	4.2E+00	8.6E-04	1.0E-03	3.7E-06	1.6E-01	5.5E-01	3.2E-07
621	0.39	3.9E-07	4.9E+00	8.6E-04	1.0E-03	4.4E-06	1.6E-01	5.5E-01	3.8E-07
622	0.47	4.7E-07	6.0E+00	8.6E-04	1.0E-03	5.4E-06	1.6E-01	5.5E-01	4.7E-07
623	4.31	4.3E-06	5.5E+01	8.6E-04	1.0E-03	5.0E-05	1.6E-01	5.5E-01	4.3E-06
624	3.08	3.1E-06	4.0E+01	8.6E-04	1.0E-03	3.6E-05	1.6E-01	5.5E-01	3.1E-06
625	2.30	2.3E-06	3.0E+01	8.6E-04	1.0E-03	2.7E-05	1.6E-01	5.5E-01	2.3E-06
626	1.79	1.8E-06	2.3E+01	8.6E-04	1.0E-03	2.1E-05	1.6E-01	5.5E-01	1.8E-06
627	1.44	1.4E-06	1.8E+01	8.6E-04	1.0E-03	1.7E-05	1.6E-01	5.5E-01	1.4E-06
628	1.16	1.2E-06	1.5E+01	8.6E-04	1.0E-03	1.3E-05	1.6E-01	5.5E-01	1.2E-06
629	0.24	2.4E-07	3.0E+00	8.6E-04	1.0E-03	2.7E-06	1.6E-01	5.5E-01	2.4E-07
630	0.27	2.7E-07	3.5E+00	8.6E-04	1.0E-03	3.2E-06	1.6E-01	5.5E-01	2.7E-07
631	0.32	3.2E-07	4.1E+00	8.6E-04	1.0E-03	3.7E-06	1.6E-01	5.5E-01	3.2E-07
632	0.38	3.8E-07	4.9E+00	8.6E-04	1.0E-03	4.4E-06	1.6E-01	5.5E-01	3.8E-07
633	0.46	4.6E-07	5.9E+00	8.6E-04	1.0E-03	5.3E-06	1.6E-01	5.5E-01	4.6E-07
634	3.80	3.8E-06	4.9E+01	8.6E-04	1.0E-03	4.4E-05	1.6E-01	5.5E-01	3.8E-06
635	2.77	2.8E-06	3.6E+01	8.6E-04	1.0E-03	3.2E-05	1.6E-01	5.5E-01	2.8E-06
636	2.10	2.1E-06	2.7E+01	8.6E-04	1.0E-03	2.4E-05	1.6E-01	5.5E-01	2.1E-06
637	1.65	1.7E-06	2.1E+01	8.6E-04	1.0E-03	1.9E-05	1.6E-01	5.5E-01	1.7E-06

638	1.34	1.3E-06	1.7E+01	8.6E-04	1.0E-03	1.5E-05	1.6E-01	5.5E-01	1.3E-06
639	1.10	1.1E-06	1.4E+01	8.6E-04	1.0E-03	1.3E-05	1.6E-01	5.5E-01	1.1E-06
640	0.23	2.3E-07	3.0E+00	8.6E-04	1.0E-03	2.7E-06	1.6E-01	5.5E-01	2.3E-07
641	0.27	2.7E-07	3.4E+00	8.6E-04	1.0E-03	3.1E-06	1.6E-01	5.5E-01	2.7E-07
642	0.32	3.2E-07	4.0E+00	8.6E-04	1.0E-03	3.6E-06	1.6E-01	5.5E-01	3.1E-07
643	0.37	3.7E-07	4.8E+00	8.6E-04	1.0E-03	4.3E-06	1.6E-01	5.5E-01	3.7E-07
644	0.45	4.5E-07	5.8E+00	8.6E-04	1.0E-03	5.2E-06	1.6E-01	5.5E-01	4.5E-07
645	3.09	3.1E-06	4.0E+01	8.6E-04	1.0E-03	3.6E-05	1.6E-01	5.5E-01	3.1E-06
646	2.36	2.4E-06	3.0E+01	8.6E-04	1.0E-03	2.7E-05	1.6E-01	5.5E-01	2.4E-06
647	1.85	1.9E-06	2.4E+01	8.6E-04	1.0E-03	2.1E-05	1.6E-01	5.5E-01	1.8E-06
648	1.49	1.5E-06	1.9E+01	8.6E-04	1.0E-03	1.7E-05	1.6E-01	5.5E-01	1.5E-06
649	1.22	1.2E-06	1.6E+01	8.6E-04	1.0E-03	1.4E-05	1.6E-01	5.5E-01	1.2E-06
650	1.01	1.0E-06	1.3E+01	8.6E-04	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.0E-06
651	0.23	2.3E-07	2.9E+00	8.6E-04	1.0E-03	2.6E-06	1.6E-01	5.5E-01	2.3E-07
652	0.26	2.6E-07	3.4E+00	8.6E-04	1.0E-03	3.0E-06	1.6E-01	5.5E-01	2.6E-07
653	0.31	3.1E-07	3.9E+00	8.6E-04	1.0E-03	3.6E-06	1.6E-01	5.5E-01	3.1E-07
654	0.36	3.6E-07	4.7E+00	8.6E-04	1.0E-03	4.2E-06	1.6E-01	5.5E-01	3.6E-07
655	0.44	4.4E-07	5.6E+00	8.6E-04	1.0E-03	5.0E-06	1.6E-01	5.5E-01	4.3E-07
656	0.53	5.3E-07	6.8E+00	8.6E-04	1.0E-03	6.1E-06	1.6E-01	5.5E-01	5.3E-07
657	0.66	6.6E-07	8.5E+00	8.6E-04	1.0E-03	7.7E-06	1.6E-01	5.5E-01	6.6E-07
658	0.86	8.6E-07	1.1E+01	8.6E-04	1.0E-03	9.9E-06	1.6E-01	5.5E-01	8.6E-07
659	1.14	1.1E-06	1.5E+01	8.6E-04	1.0E-03	1.3E-05	1.6E-01	5.5E-01	1.1E-06
660	1.58	1.6E-06	2.0E+01	8.6E-04	1.0E-03	1.8E-05	1.6E-01	5.5E-01	1.6E-06
661	2.20	2.2E-06	2.8E+01	8.6E-04	1.0E-03	2.6E-05	1.6E-01	5.5E-01	2.2E-06
662	3.02	3.0E-06	3.9E+01	8.6E-04	1.0E-03	3.5E-05	1.6E-01	5.5E-01	3.0E-06
663	3.91	3.9E-06	5.0E+01	8.6E-04	1.0E-03	4.5E-05	1.6E-01	5.5E-01	3.9E-06
664	4.70	4.7E-06	6.0E+01	8.6E-04	1.0E-03	5.5E-05	1.6E-01	5.5E-01	4.7E-06
665	5.17	5.2E-06	6.6E+01	8.6E-04	1.0E-03	6.0E-05	1.6E-01	5.5E-01	5.2E-06
666	5.31	5.3E-06	6.8E+01	8.6E-04	1.0E-03	6.2E-05	1.6E-01	5.5E-01	5.3E-06
667	5.12	5.1E-06	6.6E+01	8.6E-04	1.0E-03	5.9E-05	1.6E-01	5.5E-01	5.1E-06
668	4.64	4.6E-06	6.0E+01	8.6E-04	1.0E-03	5.4E-05	1.6E-01	5.5E-01	4.6E-06
669	3.89	3.9E-06	5.0E+01	8.6E-04	1.0E-03	4.5E-05	1.6E-01	5.5E-01	3.9E-06
670	3.10	3.1E-06	4.0E+01	8.6E-04	1.0E-03	3.6E-05	1.6E-01	5.5E-01	3.1E-06
671	2.45	2.4E-06	3.1E+01	8.6E-04	1.0E-03	2.8E-05	1.6E-01	5.5E-01	2.4E-06
672	1.96	2.0E-06	2.5E+01	8.6E-04	1.0E-03	2.3E-05	1.6E-01	5.5E-01	2.0E-06
673	1.59	1.6E-06	2.0E+01	8.6E-04	1.0E-03	1.8E-05	1.6E-01	5.5E-01	1.6E-06
674	1.31	1.3E-06	1.7E+01	8.6E-04	1.0E-03	1.5E-05	1.6E-01	5.5E-01	1.3E-06
675	1.09	1.1E-06	1.4E+01	8.6E-04	1.0E-03	1.3E-05	1.6E-01	5.5E-01	1.1E-06
676	0.92	9.2E-07	1.2E+01	8.6E-04	1.0E-03	1.1E-05	1.6E-01	5.5E-01	9.2E-07
677	0.22	2.2E-07	2.8E+00	8.6E-04	1.0E-03	2.6E-06	1.6E-01	5.5E-01	2.2E-07
678	0.25	2.5E-07	3.2E+00	8.6E-04	1.0E-03	2.9E-06	1.6E-01	5.5E-01	2.5E-07
679	0.29	2.9E-07	3.8E+00	8.6E-04	1.0E-03	3.4E-06	1.6E-01	5.5E-01	2.9E-07
680	0.34	3.4E-07	4.4E+00	8.6E-04	1.0E-03	4.0E-06	1.6E-01	5.5E-01	3.4E-07
681	0.41	4.1E-07	5.2E+00	8.6E-04	1.0E-03	4.7E-06	1.6E-01	5.5E-01	4.1E-07
682	0.49	4.9E-07	6.3E+00	8.6E-04	1.0E-03	5.7E-06	1.6E-01	5.5E-01	4.9E-07
683	0.61	6.1E-07	7.8E+00	8.6E-04	1.0E-03	7.0E-06	1.6E-01	5.5E-01	6.0E-07

684	0.77	7.7E-07	9.8E+00	8.6E-04	1.0E-03	8.9E-06	1.6E-01	5.5E-01	7.7E-07
685	0.99	9.9E-07	1.3E+01	8.6E-04	1.0E-03	1.1E-05	1.6E-01	5.5E-01	9.9E-07
686	1.29	1.3E-06	1.7E+01	8.6E-04	1.0E-03	1.5E-05	1.6E-01	5.5E-01	1.3E-06
687	1.70	1.7E-06	2.2E+01	8.6E-04	1.0E-03	2.0E-05	1.6E-01	5.5E-01	1.7E-06
688	2.19	2.2E-06	2.8E+01	8.6E-04	1.0E-03	2.5E-05	1.6E-01	5.5E-01	2.2E-06
689	2.69	2.7E-06	3.5E+01	8.6E-04	1.0E-03	3.1E-05	1.6E-01	5.5E-01	2.7E-06
690	3.12	3.1E-06	4.0E+01	8.6E-04	1.0E-03	3.6E-05	1.6E-01	5.5E-01	3.1E-06
691	3.40	3.4E-06	4.4E+01	8.6E-04	1.0E-03	3.9E-05	1.6E-01	5.5E-01	3.4E-06
692	3.51	3.5E-06	4.5E+01	8.6E-04	1.0E-03	4.1E-05	1.6E-01	5.5E-01	3.5E-06
693	3.42	3.4E-06	4.4E+01	8.6E-04	1.0E-03	4.0E-05	1.6E-01	5.5E-01	3.4E-06
694	3.17	3.2E-06	4.1E+01	8.6E-04	1.0E-03	3.7E-05	1.6E-01	5.5E-01	3.2E-06
695	2.78	2.8E-06	3.6E+01	8.6E-04	1.0E-03	3.2E-05	1.6E-01	5.5E-01	2.8E-06
696	2.35	2.4E-06	3.0E+01	8.6E-04	1.0E-03	2.7E-05	1.6E-01	5.5E-01	2.4E-06
697	1.95	2.0E-06	2.5E+01	8.6E-04	1.0E-03	2.3E-05	1.6E-01	5.5E-01	1.9E-06
698	1.63	1.6E-06	2.1E+01	8.6E-04	1.0E-03	1.9E-05	1.6E-01	5.5E-01	1.6E-06
699	1.36	1.4E-06	1.7E+01	8.6E-04	1.0E-03	1.6E-05	1.6E-01	5.5E-01	1.4E-06
700	1.14	1.1E-06	1.5E+01	8.6E-04	1.0E-03	1.3E-05	1.6E-01	5.5E-01	1.1E-06
701	0.97	9.7E-07	1.2E+01	8.6E-04	1.0E-03	1.1E-05	1.6E-01	5.5E-01	9.7E-07
702	0.83	8.3E-07	1.1E+01	8.6E-04	1.0E-03	9.6E-06	1.6E-01	5.5E-01	8.3E-07
703	0.21	2.1E-07	2.7E+00	8.6E-04	1.0E-03	2.5E-06	1.6E-01	5.5E-01	2.1E-07
704	0.24	2.4E-07	3.1E+00	8.6E-04	1.0E-03	2.8E-06	1.6E-01	5.5E-01	2.4E-07
705	0.28	2.8E-07	3.6E+00	8.6E-04	1.0E-03	3.2E-06	1.6E-01	5.5E-01	2.8E-07
706	0.32	3.2E-07	4.1E+00	8.6E-04	1.0E-03	3.7E-06	1.6E-01	5.5E-01	3.2E-07
707	0.38	3.8E-07	4.9E+00	8.6E-04	1.0E-03	4.4E-06	1.6E-01	5.5E-01	3.8E-07
708	0.46	4.6E-07	5.9E+00	8.6E-04	1.0E-03	5.3E-06	1.6E-01	5.5E-01	4.6E-07
709	0.55	5.5E-07	7.1E+00	8.6E-04	1.0E-03	6.4E-06	1.6E-01	5.5E-01	5.5E-07
710	0.69	6.9E-07	8.8E+00	8.6E-04	1.0E-03	8.0E-06	1.6E-01	5.5E-01	6.9E-07
711	0.85	8.5E-07	1.1E+01	8.6E-04	1.0E-03	9.9E-06	1.6E-01	5.5E-01	8.5E-07
712	1.07	1.1E-06	1.4E+01	8.6E-04	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.1E-06
713	1.33	1.3E-06	1.7E+01	8.6E-04	1.0E-03	1.5E-05	1.6E-01	5.5E-01	1.3E-06
714	1.65	1.6E-06	2.1E+01	8.6E-04	1.0E-03	1.9E-05	1.6E-01	5.5E-01	1.6E-06
715	1.95	1.9E-06	2.5E+01	8.6E-04	1.0E-03	2.3E-05	1.6E-01	5.5E-01	1.9E-06
716	2.20	2.2E-06	2.8E+01	8.6E-04	1.0E-03	2.6E-05	1.6E-01	5.5E-01	2.2E-06
717	2.38	2.4E-06	3.1E+01	8.6E-04	1.0E-03	2.8E-05	1.6E-01	5.5E-01	2.4E-06
718	2.46	2.5E-06	3.2E+01	8.6E-04	1.0E-03	2.9E-05	1.6E-01	5.5E-01	2.5E-06
719	2.43	2.4E-06	3.1E+01	8.6E-04	1.0E-03	2.8E-05	1.6E-01	5.5E-01	2.4E-06
720	2.30	2.3E-06	3.0E+01	8.6E-04	1.0E-03	2.7E-05	1.6E-01	5.5E-01	2.3E-06
721	2.09	2.1E-06	2.7E+01	8.6E-04	1.0E-03	2.4E-05	1.6E-01	5.5E-01	2.1E-06
722	1.83	1.8E-06	2.4E+01	8.6E-04	1.0E-03	2.1E-05	1.6E-01	5.5E-01	1.8E-06
723	1.58	1.6E-06	2.0E+01	8.6E-04	1.0E-03	1.8E-05	1.6E-01	5.5E-01	1.6E-06
724	1.36	1.4E-06	1.7E+01	8.6E-04	1.0E-03	1.6E-05	1.6E-01	5.5E-01	1.4E-06
725	1.16	1.2E-06	1.5E+01	8.6E-04	1.0E-03	1.4E-05	1.6E-01	5.5E-01	1.2E-06
726	1.00	1.0E-06	1.3E+01	8.6E-04	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.0E-06
727	0.86	8.6E-07	1.1E+01	8.6E-04	1.0E-03	1.0E-05	1.6E-01	5.5E-01	8.6E-07
728	0.75	7.5E-07	9.6E+00	8.6E-04	1.0E-03	8.7E-06	1.6E-01	5.5E-01	7.5E-07
729	0.20	2.0E-07	2.6E+00	8.6E-04	1.0E-03	2.4E-06	1.6E-01	5.5E-01	2.0E-07

730	0.23	2.3E-07	3.0E+00	8.6E-04	1.0E-03	2.7E-06	1.6E-01	5.5E-01	2.3E-07
731	0.26	2.6E-07	3.4E+00	8.6E-04	1.0E-03	3.1E-06	1.6E-01	5.5E-01	2.6E-07
732	0.31	3.1E-07	3.9E+00	8.6E-04	1.0E-03	3.5E-06	1.6E-01	5.5E-01	3.0E-07
733	0.36	3.6E-07	4.5E+00	8.6E-04	1.0E-03	4.1E-06	1.6E-01	5.5E-01	3.5E-07
734	0.42	4.2E-07	5.4E+00	8.6E-04	1.0E-03	4.9E-06	1.6E-01	5.5E-01	4.2E-07
735	0.50	5.0E-07	6.4E+00	8.6E-04	1.0E-03	5.8E-06	1.6E-01	5.5E-01	5.0E-07
736	0.61	6.1E-07	7.8E+00	8.6E-04	1.0E-03	7.1E-06	1.6E-01	5.5E-01	6.1E-07
737	0.73	7.3E-07	9.4E+00	8.6E-04	1.0E-03	8.5E-06	1.6E-01	5.5E-01	7.3E-07
738	0.89	8.9E-07	1.1E+01	8.6E-04	1.0E-03	1.0E-05	1.6E-01	5.5E-01	8.9E-07
739	1.07	1.1E-06	1.4E+01	8.6E-04	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.1E-06
740	1.27	1.3E-06	1.6E+01	8.6E-04	1.0E-03	1.5E-05	1.6E-01	5.5E-01	1.3E-06
741	1.47	1.5E-06	1.9E+01	8.6E-04	1.0E-03	1.7E-05	1.6E-01	5.5E-01	1.5E-06
742	1.63	1.6E-06	2.1E+01	8.6E-04	1.0E-03	1.9E-05	1.6E-01	5.5E-01	1.6E-06
743	1.75	1.7E-06	2.2E+01	8.6E-04	1.0E-03	2.0E-05	1.6E-01	5.5E-01	1.7E-06
744	1.81	1.8E-06	2.3E+01	8.6E-04	1.0E-03	2.1E-05	1.6E-01	5.5E-01	1.8E-06
745	1.81	1.8E-06	2.3E+01	8.6E-04	1.0E-03	2.1E-05	1.6E-01	5.5E-01	1.8E-06
746	1.75	1.7E-06	2.2E+01	8.6E-04	1.0E-03	2.0E-05	1.6E-01	5.5E-01	1.7E-06
747	1.62	1.6E-06	2.1E+01	8.6E-04	1.0E-03	1.9E-05	1.6E-01	5.5E-01	1.6E-06
748	1.46	1.5E-06	1.9E+01	8.6E-04	1.0E-03	1.7E-05	1.6E-01	5.5E-01	1.5E-06
749	1.30	1.3E-06	1.7E+01	8.6E-04	1.0E-03	1.5E-05	1.6E-01	5.5E-01	1.3E-06
750	1.14	1.1E-06	1.5E+01	8.6E-04	1.0E-03	1.3E-05	1.6E-01	5.5E-01	1.1E-06
751	1.00	1.0E-06	1.3E+01	8.6E-04	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.0E-06
752	0.87	8.7E-07	1.1E+01	8.6E-04	1.0E-03	1.0E-05	1.6E-01	5.5E-01	8.7E-07
753	0.77	7.7E-07	9.8E+00	8.6E-04	1.0E-03	8.9E-06	1.6E-01	5.5E-01	7.6E-07
754	0.67	6.7E-07	8.7E+00	8.6E-04	1.0E-03	7.8E-06	1.6E-01	5.5E-01	6.7E-07
755	0.19	1.9E-07	2.5E+00	8.6E-04	1.0E-03	2.2E-06	1.6E-01	5.5E-01	1.9E-07
756	0.22	2.2E-07	2.8E+00	8.6E-04	1.0E-03	2.5E-06	1.6E-01	5.5E-01	2.2E-07
757	0.25	2.5E-07	3.2E+00	8.6E-04	1.0E-03	2.9E-06	1.6E-01	5.5E-01	2.5E-07
758	0.28	2.8E-07	3.6E+00	8.6E-04	1.0E-03	3.3E-06	1.6E-01	5.5E-01	2.8E-07
759	0.33	3.3E-07	4.2E+00	8.6E-04	1.0E-03	3.8E-06	1.6E-01	5.5E-01	3.3E-07
760	0.38	3.8E-07	4.9E+00	8.6E-04	1.0E-03	4.4E-06	1.6E-01	5.5E-01	3.8E-07
761	0.45	4.5E-07	5.8E+00	8.6E-04	1.0E-03	5.2E-06	1.6E-01	5.5E-01	4.5E-07
762	0.54	5.4E-07	6.9E+00	8.6E-04	1.0E-03	6.2E-06	1.6E-01	5.5E-01	5.4E-07
763	0.63	6.3E-07	8.1E+00	8.6E-04	1.0E-03	7.3E-06	1.6E-01	5.5E-01	6.3E-07
764	0.75	7.5E-07	9.6E+00	8.6E-04	1.0E-03	8.7E-06	1.6E-01	5.5E-01	7.5E-07
765	0.87	8.7E-07	1.1E+01	8.6E-04	1.0E-03	1.0E-05	1.6E-01	5.5E-01	8.7E-07
766	1.01	1.0E-06	1.3E+01	8.6E-04	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.0E-06
767	1.15	1.1E-06	1.5E+01	8.6E-04	1.0E-03	1.3E-05	1.6E-01	5.5E-01	1.1E-06
768	1.26	1.3E-06	1.6E+01	8.6E-04	1.0E-03	1.5E-05	1.6E-01	5.5E-01	1.3E-06
769	1.34	1.3E-06	1.7E+01	8.6E-04	1.0E-03	1.6E-05	1.6E-01	5.5E-01	1.3E-06
770	1.40	1.4E-06	1.8E+01	8.6E-04	1.0E-03	1.6E-05	1.6E-01	5.5E-01	1.4E-06
771	1.41	1.4E-06	1.8E+01	8.6E-04	1.0E-03	1.6E-05	1.6E-01	5.5E-01	1.4E-06
772	1.38	1.4E-06	1.8E+01	8.6E-04	1.0E-03	1.6E-05	1.6E-01	5.5E-01	1.4E-06
773	1.31	1.3E-06	1.7E+01	8.6E-04	1.0E-03	1.5E-05	1.6E-01	5.5E-01	1.3E-06
774	1.19	1.2E-06	1.5E+01	8.6E-04	1.0E-03	1.4E-05	1.6E-01	5.5E-01	1.2E-06
775	1.08	1.1E-06	1.4E+01	8.6E-04	1.0E-03	1.3E-05	1.6E-01	5.5E-01	1.1E-06

776	0.97	9.7E-07	1.2E+01	8.6E-04	1.0E-03	1.1E-05	1.6E-01	5.5E-01	9.7E-07
777	0.87	8.7E-07	1.1E+01	8.6E-04	1.0E-03	1.0E-05	1.6E-01	5.5E-01	8.6E-07
778	0.77	7.7E-07	9.9E+00	8.6E-04	1.0E-03	8.9E-06	1.6E-01	5.5E-01	7.7E-07
779	0.68	6.8E-07	8.8E+00	8.6E-04	1.0E-03	7.9E-06	1.6E-01	5.5E-01	6.8E-07
780	0.61	6.1E-07	7.8E+00	8.6E-04	1.0E-03	7.1E-06	1.6E-01	5.5E-01	6.1E-07
781	0.19	1.9E-07	2.4E+00	8.6E-04	1.0E-03	2.1E-06	1.6E-01	5.5E-01	1.8E-07
782	0.21	2.1E-07	2.6E+00	8.6E-04	1.0E-03	2.4E-06	1.6E-01	5.5E-01	2.1E-07
783	0.23	2.3E-07	3.0E+00	8.6E-04	1.0E-03	2.7E-06	1.6E-01	5.5E-01	2.3E-07
784	0.27	2.7E-07	3.4E+00	8.6E-04	1.0E-03	3.1E-06	1.6E-01	5.5E-01	2.6E-07
785	0.30	3.0E-07	3.9E+00	8.6E-04	1.0E-03	3.5E-06	1.6E-01	5.5E-01	3.0E-07
786	0.35	3.5E-07	4.5E+00	8.6E-04	1.0E-03	4.1E-06	1.6E-01	5.5E-01	3.5E-07
787	0.41	4.1E-07	5.2E+00	8.6E-04	1.0E-03	4.7E-06	1.6E-01	5.5E-01	4.1E-07
788	0.48	4.8E-07	6.1E+00	8.6E-04	1.0E-03	5.5E-06	1.6E-01	5.5E-01	4.7E-07
789	0.55	5.5E-07	7.0E+00	8.6E-04	1.0E-03	6.4E-06	1.6E-01	5.5E-01	5.5E-07
790	0.63	6.3E-07	8.1E+00	8.6E-04	1.0E-03	7.3E-06	1.6E-01	5.5E-01	6.3E-07
791	0.73	7.3E-07	9.3E+00	8.6E-04	1.0E-03	8.4E-06	1.6E-01	5.5E-01	7.2E-07
792	0.82	8.2E-07	1.1E+01	8.6E-04	1.0E-03	9.6E-06	1.6E-01	5.5E-01	8.2E-07
793	0.92	9.2E-07	1.2E+01	8.6E-04	1.0E-03	1.1E-05	1.6E-01	5.5E-01	9.2E-07
794	1.00	1.0E-06	1.3E+01	8.6E-04	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.0E-06
795	1.06	1.1E-06	1.4E+01	8.6E-04	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.1E-06
796	1.11	1.1E-06	1.4E+01	8.6E-04	1.0E-03	1.3E-05	1.6E-01	5.5E-01	1.1E-06
797	1.13	1.1E-06	1.5E+01	8.6E-04	1.0E-03	1.3E-05	1.6E-01	5.5E-01	1.1E-06
798	1.11	1.1E-06	1.4E+01	8.6E-04	1.0E-03	1.3E-05	1.6E-01	5.5E-01	1.1E-06
799	1.07	1.1E-06	1.4E+01	8.6E-04	1.0E-03	1.2E-05	1.6E-01	5.5E-01	1.1E-06
800	0.99	9.9E-07	1.3E+01	8.6E-04	1.0E-03	1.1E-05	1.6E-01	5.5E-01	9.9E-07
801	0.91	9.1E-07	1.2E+01	8.6E-04	1.0E-03	1.1E-05	1.6E-01	5.5E-01	9.1E-07
802	0.83	8.3E-07	1.1E+01	8.6E-04	1.0E-03	9.7E-06	1.6E-01	5.5E-01	8.3E-07
803	0.76	7.6E-07	9.7E+00	8.6E-04	1.0E-03	8.8E-06	1.6E-01	5.5E-01	7.6E-07
804	0.68	6.8E-07	8.8E+00	8.6E-04	1.0E-03	7.9E-06	1.6E-01	5.5E-01	6.8E-07
805	0.61	6.1E-07	7.9E+00	8.6E-04	1.0E-03	7.1E-06	1.6E-01	5.5E-01	6.1E-07
806	0.55	5.5E-07	7.1E+00	8.6E-04	1.0E-03	6.4E-06	1.6E-01	5.5E-01	5.5E-07

Franklin School Project

Risk From New Building Const - Mitigated Residential

Haul Route 1A							Haul Route 2A						
Conc	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
3.2E-01	8.0E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11	3.4E-01	2.5E-06	1.0E-03	8.9E-10	1.6E-01	5.5E-01	7.6E-11
3.6E-01	8.0E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11	3.9E-01	2.5E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-01	8.8E-11
4.1E-01	8.0E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-01	3.0E-11	4.5E-01	2.5E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.0E-10
4.6E-01	8.0E-07	1.0E-03	3.8E-10	1.6E-01	5.5E-01	3.3E-11	5.2E-01	2.5E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-01	1.2E-10
5.1E-01	8.0E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-01	3.6E-11	5.8E-01	2.5E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10
5.5E-01	8.0E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-01	4.0E-11	6.5E-01	2.5E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10
6.0E-01	8.0E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-01	4.3E-11	7.1E-01	2.5E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.6E-10
6.4E-01	8.0E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-01	4.6E-11	7.7E-01	2.5E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10
6.9E-01	8.0E-07	1.0E-03	5.8E-10	1.6E-01	5.5E-01	5.0E-11	8.4E-01	2.5E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10
7.5E-01	8.0E-07	1.0E-03	6.3E-10	1.6E-01	5.5E-01	5.4E-11	9.2E-01	2.5E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.1E-10
8.0E-01	8.0E-07	1.0E-03	6.7E-10	1.6E-01	5.5E-01	5.8E-11	9.9E-01	2.5E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.2E-10
8.4E-01	8.0E-07	1.0E-03	7.0E-10	1.6E-01	5.5E-01	6.0E-11	1.0E+00	2.5E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10
8.5E-01	8.0E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-01	6.1E-11	1.0E+00	2.5E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.4E-10
8.3E-01	8.0E-07	1.0E-03	6.9E-10	1.6E-01	5.5E-01	6.0E-11	1.0E+00	2.5E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10
7.9E-01	8.0E-07	1.0E-03	6.6E-10	1.6E-01	5.5E-01	5.7E-11	9.5E-01	2.5E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.2E-10
7.4E-01	8.0E-07	1.0E-03	6.2E-10	1.6E-01	5.5E-01	5.3E-11	8.8E-01	2.5E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10
3.8E-01	8.0E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.7E-11	3.9E-01	2.5E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-01	8.9E-11
4.4E-01	8.0E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-01	3.1E-11	4.7E-01	2.5E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.1E-10
5.1E-01	8.0E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-01	3.6E-11	5.5E-01	2.5E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10
5.8E-01	8.0E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-01	4.2E-11	6.5E-01	2.5E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10
6.6E-01	8.0E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-01	4.7E-11	7.6E-01	2.5E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10
7.3E-01	8.0E-07	1.0E-03	6.1E-10	1.6E-01	5.5E-01	5.2E-11	8.7E-01	2.5E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10
8.0E-01	8.0E-07	1.0E-03	6.6E-10	1.6E-01	5.5E-01	5.7E-11	9.7E-01	2.5E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.2E-10
8.7E-01	8.0E-07	1.0E-03	7.3E-10	1.6E-01	5.5E-01	6.3E-11	1.1E+00	2.5E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10
9.6E-01	8.0E-07	1.0E-03	8.0E-10	1.6E-01	5.5E-01	6.9E-11	1.2E+00	2.5E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-01	2.7E-10
1.1E+00	8.0E-07	1.0E-03	8.7E-10	1.6E-01	5.5E-01	7.5E-11	1.3E+00	2.5E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-01	3.0E-10
1.1E+00	8.0E-07	1.0E-03	9.2E-10	1.6E-01	5.5E-01	8.0E-11	1.4E+00	2.5E-06	1.0E-03	3.7E-09	1.6E-01	5.5E-01	3.2E-10
1.1E+00	8.0E-07	1.0E-03	9.4E-10	1.6E-01	5.5E-01	8.1E-11	1.4E+00	2.5E-06	1.0E-03	3.8E-09	1.6E-01	5.5E-01	3.2E-10
1.1E+00	8.0E-07	1.0E-03	9.2E-10	1.6E-01	5.5E-01	7.9E-11	1.4E+00	2.5E-06	1.0E-03	3.6E-09	1.6E-01	5.5E-01	3.1E-10
1.0E+00	8.0E-07	1.0E-03	8.7E-10	1.6E-01	5.5E-01	7.5E-11	1.3E+00	2.5E-06	1.0E-03	3.4E-09	1.6E-01	5.5E-01	2.9E-10
9.6E-01	8.0E-07	1.0E-03	8.0E-10	1.6E-01	5.5E-01	6.9E-11	1.2E+00	2.5E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10
8.7E-01	8.0E-07	1.0E-03	7.2E-10	1.6E-01	5.5E-01	6.2E-11	1.0E+00	2.5E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10
4.4E-01	8.0E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-01	3.2E-11	4.5E-01	2.5E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.0E-10
5.3E-01	8.0E-07	1.0E-03	4.4E-10	1.6E-01	5.5E-01	3.8E-11	5.6E-01	2.5E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10
6.3E-01	8.0E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-01	4.5E-11	6.9E-01	2.5E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.6E-10
7.6E-01	8.0E-07	1.0E-03	6.3E-10	1.6E-01	5.5E-01	5.4E-11	8.5E-01	2.5E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10
8.9E-01	8.0E-07	1.0E-03	7.4E-10	1.6E-01	5.5E-01	6.3E-11	1.0E+00	2.5E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.4E-10
1.0E+00	8.0E-07	1.0E-03	8.4E-10	1.6E-01	5.5E-01	7.2E-11	1.2E+00	2.5E-06	1.0E-03	3.3E-09	1.6E-01	5.5E-01	2.8E-10
1.1E+00	8.0E-07	1.0E-03	9.4E-10	1.6E-01	5.5E-01	8.1E-11	1.4E+00	2.5E-06	1.0E-03	3.8E-09	1.6E-01	5.5E-01	3.2E-10

1.3E+00	8.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.1E-11	1.6E+00	2.5E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10
1.4E+00	8.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.0E-10	1.9E+00	2.5E-06	1.0E-03	4.9E-09	1.6E-01	5.5E-01	4.2E-10
1.5E+00	8.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10	2.1E+00	2.5E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-01	4.6E-10
1.6E+00	8.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10	2.1E+00	2.5E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-01	4.7E-10
1.5E+00	8.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10	2.0E+00	2.5E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10
1.4E+00	8.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.0E-10	1.8E+00	2.5E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.1E-10
1.3E+00	8.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.2E-11	1.6E+00	2.5E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-01	3.6E-10
1.1E+00	8.0E-07	1.0E-03	9.4E-10	1.6E-01	5.5E-01	8.1E-11	1.3E+00	2.5E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-01	3.0E-10
9.8E-01	8.0E-07	1.0E-03	8.2E-10	1.6E-01	5.5E-01	7.0E-11	1.1E+00	2.5E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10
5.2E-01	8.0E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-01	3.7E-11	5.2E-01	2.5E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-01	1.2E-10
6.4E-01	8.0E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-01	4.6E-11	6.6E-01	2.5E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10
8.1E-01	8.0E-07	1.0E-03	6.7E-10	1.6E-01	5.5E-01	5.8E-11	8.6E-01	2.5E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-01	1.9E-10
1.0E+00	8.0E-07	1.0E-03	8.4E-10	1.6E-01	5.5E-01	7.3E-11	1.1E+00	2.5E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10
1.3E+00	8.0E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-01	9.0E-11	1.5E+00	2.5E-06	1.0E-03	3.9E-09	1.6E-01	5.5E-01	3.4E-10
1.5E+00	8.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.1E-10	1.9E+00	2.5E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-01	4.3E-10
1.7E+00	8.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.2E-10	2.3E+00	2.5E-06	1.0E-03	6.1E-09	1.6E-01	5.5E-01	5.3E-10
2.0E+00	8.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.4E-10	2.8E+00	2.5E-06	1.0E-03	7.3E-09	1.6E-01	5.5E-01	6.3E-10
2.3E+00	8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.6E-10	3.2E+00	2.5E-06	1.0E-03	8.4E-09	1.6E-01	5.5E-01	7.3E-10
2.4E+00	8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10	3.4E+00	2.5E-06	1.0E-03	8.8E-09	1.6E-01	5.5E-01	7.6E-10
2.3E+00	8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.6E-10	3.1E+00	2.5E-06	1.0E-03	8.2E-09	1.6E-01	5.5E-01	7.1E-10
2.1E+00	8.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10	2.7E+00	2.5E-06	1.0E-03	7.1E-09	1.6E-01	5.5E-01	6.1E-10
1.8E+00	8.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10	2.3E+00	2.5E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-01	5.1E-10
1.5E+00	8.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10	1.8E+00	2.5E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.2E-10
1.3E+00	8.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.1E-11	1.5E+00	2.5E-06	1.0E-03	3.9E-09	1.6E-01	5.5E-01	3.4E-10
1.1E+00	8.0E-07	1.0E-03	8.9E-10	1.6E-01	5.5E-01	7.6E-11	1.2E+00	2.5E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-01	2.7E-10
6.0E-01	8.0E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-01	4.3E-11	5.9E-01	2.5E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10
7.8E-01	8.0E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-01	5.6E-11	7.8E-01	2.5E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.8E-10
1.0E+00	8.0E-07	1.0E-03	8.6E-10	1.6E-01	5.5E-01	7.4E-11	1.1E+00	2.5E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10
1.4E+00	8.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.0E-10	1.5E+00	2.5E-06	1.0E-03	4.0E-09	1.6E-01	5.5E-01	3.4E-10
1.9E+00	8.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.4E-10	2.2E+00	2.5E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-01	5.1E-10
2.5E+00	8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	3.3E+00	2.5E-06	1.0E-03	8.6E-09	1.6E-01	5.5E-01	7.4E-10
3.0E+00	8.0E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.2E-10	4.5E+00	2.5E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09
3.6E+00	8.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	5.6E+00	2.5E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09
3.9E+00	8.0E-07	1.0E-03	3.3E-09	1.6E-01	5.5E-01	2.8E-10	6.2E+00	2.5E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.4E-09
3.7E+00	8.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.7E-10	5.6E+00	2.5E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09
3.2E+00	8.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10	4.5E+00	2.5E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09
2.6E+00	8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	3.4E+00	2.5E-06	1.0E-03	9.1E-09	1.6E-01	5.5E-01	7.8E-10
2.1E+00	8.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.5E-10	2.6E+00	2.5E-06	1.0E-03	6.9E-09	1.6E-01	5.5E-01	5.9E-10
1.7E+00	8.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-01	1.2E-10	2.0E+00	2.5E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10
1.4E+00	8.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.7E-11	1.5E+00	2.5E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-01	3.5E-10
1.1E+00	8.0E-07	1.0E-03	9.2E-10	1.6E-01	5.5E-01	7.9E-11	1.2E+00	2.5E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-01	2.8E-10
6.8E-01	8.0E-07	1.0E-03	5.7E-10	1.6E-01	5.5E-01	4.9E-11	6.5E-01	2.5E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10
9.3E-01	8.0E-07	1.0E-03	7.7E-10	1.6E-01	5.5E-01	6.6E-11	8.8E-01	2.5E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10
1.3E+00	8.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.5E-11	1.3E+00	2.5E-06	1.0E-03	3.4E-09	1.6E-01	5.5E-01	2.9E-10
2.0E+00	8.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.4E-10	2.0E+00	2.5E-06	1.0E-03	5.3E-09	1.6E-01	5.5E-01	4.6E-10
3.1E+00	8.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.2E-10	3.5E+00	2.5E-06	1.0E-03	9.1E-09	1.6E-01	5.5E-01	7.8E-10

4.8E+00	8.0E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-01	3.4E-10	6.5E+00	2.5E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09
6.6E+00	8.0E-07	1.0E-03	5.5E-09	1.6E-01	5.5E-01	4.8E-10	1.1E+01	2.5E-06	1.0E-03	3.0E-08	1.6E-01	5.5E-01	2.5E-09
7.9E+00	8.0E-07	1.0E-03	6.6E-09	1.6E-01	5.5E-01	5.7E-10	1.5E+01	2.5E-06	1.0E-03	3.9E-08	1.6E-01	5.5E-01	3.4E-09
7.2E+00	8.0E-07	1.0E-03	6.0E-09	1.6E-01	5.5E-01	5.2E-10	1.3E+01	2.5E-06	1.0E-03	3.4E-08	1.6E-01	5.5E-01	2.9E-09
5.6E+00	8.0E-07	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.0E-10	8.7E+00	2.5E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-01	2.0E-09
4.2E+00	8.0E-07	1.0E-03	3.5E-09	1.6E-01	5.5E-01	3.0E-10	5.7E+00	2.5E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09
3.1E+00	8.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.2E-10	3.9E+00	2.5E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.8E-10
2.3E+00	8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.7E-10	2.7E+00	2.5E-06	1.0E-03	7.2E-09	1.6E-01	5.5E-01	6.2E-10
1.8E+00	8.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10	2.0E+00	2.5E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10
1.4E+00	8.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.8E-11	1.5E+00	2.5E-06	1.0E-03	3.9E-09	1.6E-01	5.5E-01	3.4E-10
1.1E+00	8.0E-07	1.0E-03	9.0E-10	1.6E-01	5.5E-01	7.7E-11	1.2E+00	2.5E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10
7.5E-01	8.0E-07	1.0E-03	6.2E-10	1.6E-01	5.5E-01	5.4E-11	6.8E-01	2.5E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.5E-10
1.1E+00	8.0E-07	1.0E-03	8.8E-10	1.6E-01	5.5E-01	7.5E-11	9.5E-01	2.5E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.1E-10
1.6E+00	8.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.2E-10	1.4E+00	2.5E-06	1.0E-03	3.8E-09	1.6E-01	5.5E-01	3.3E-10
2.7E+00	8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	2.5E+00	2.5E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-01	5.6E-10
5.2E+00	8.0E-07	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10	5.0E+00	2.5E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09
1.2E+01	8.0E-07	1.0E-03	9.7E-09	1.6E-01	5.5E-01	8.4E-10	1.4E+01	2.5E-06	1.0E-03	3.7E-08	1.6E-01	5.5E-01	3.2E-09
2.3E+01	8.0E-07	1.0E-03	2.0E-08	1.6E-01	5.5E-01	1.7E-09	5.4E+01	2.5E-06	1.0E-03	1.4E-07	1.6E-01	5.5E-01	1.2E-08
2.0E+01	8.0E-07	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.4E-09	6.1E+01	2.5E-06	1.0E-03	1.6E-07	1.6E-01	5.5E-01	1.4E-08
1.2E+01	8.0E-07	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.7E-10	2.4E+01	2.5E-06	1.0E-03	6.3E-08	1.6E-01	5.5E-01	5.4E-09
7.4E+00	8.0E-07	1.0E-03	6.1E-09	1.6E-01	5.5E-01	5.3E-10	1.1E+01	2.5E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-01	2.5E-09
4.7E+00	8.0E-07	1.0E-03	3.9E-09	1.6E-01	5.5E-01	3.4E-10	6.0E+00	2.5E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.4E-09
3.2E+00	8.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10	3.8E+00	2.5E-06	1.0E-03	9.9E-09	1.6E-01	5.5E-01	8.5E-10
2.3E+00	8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.6E-10	2.5E+00	2.5E-06	1.0E-03	6.6E-09	1.6E-01	5.5E-01	5.7E-10
1.7E+00	8.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-01	1.2E-10	1.8E+00	2.5E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.1E-10
1.3E+00	8.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.2E-11	1.3E+00	2.5E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-01	3.0E-10
1.0E+00	8.0E-07	1.0E-03	8.4E-10	1.6E-01	5.5E-01	7.2E-11	1.0E+00	2.5E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10
7.9E-01	8.0E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-01	5.6E-11	6.9E-01	2.5E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.5E-10
1.1E+00	8.0E-07	1.0E-03	9.5E-10	1.6E-01	5.5E-01	8.2E-11	9.7E-01	2.5E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.2E-10
1.8E+00	8.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10	1.5E+00	2.5E-06	1.0E-03	3.9E-09	1.6E-01	5.5E-01	3.4E-10
3.3E+00	8.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.4E-10	2.6E+00	2.5E-06	1.0E-03	6.7E-09	1.6E-01	5.5E-01	5.8E-10
7.6E+00	8.0E-07	1.0E-03	6.3E-09	1.6E-01	5.5E-01	5.4E-10	5.5E+00	2.5E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09
7.7E+00	8.0E-07	1.0E-03	6.4E-09	1.6E-01	5.5E-01	5.5E-10	9.6E+00	2.5E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-01	2.2E-09
4.5E+00	8.0E-07	1.0E-03	3.8E-09	1.6E-01	5.5E-01	3.2E-10	5.1E+00	2.5E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.2E-09
3.0E+00	8.0E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.1E-10	3.2E+00	2.5E-06	1.0E-03	8.3E-09	1.6E-01	5.5E-01	7.2E-10
2.1E+00	8.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10	2.1E+00	2.5E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-01	4.9E-10
1.5E+00	8.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10	1.5E+00	2.5E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-01	3.5E-10
1.1E+00	8.0E-07	1.0E-03	9.5E-10	1.6E-01	5.5E-01	8.2E-11	1.2E+00	2.5E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.6E-10
9.0E-01	8.0E-07	1.0E-03	7.5E-10	1.6E-01	5.5E-01	6.4E-11	9.0E-01	2.5E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.0E-10
7.8E-01	8.0E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-01	5.6E-11	6.6E-01	2.5E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10
1.1E+00	8.0E-07	1.0E-03	9.4E-10	1.6E-01	5.5E-01	8.1E-11	9.1E-01	2.5E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.1E-10
1.8E+00	8.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10	1.4E+00	2.5E-06	1.0E-03	3.6E-09	1.6E-01	5.5E-01	3.1E-10
3.3E+00	8.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10	2.2E+00	2.5E-06	1.0E-03	5.8E-09	1.6E-01	5.5E-01	5.0E-10
7.4E+00	8.0E-07	1.0E-03	6.2E-09	1.6E-01	5.5E-01	5.3E-10	4.1E+00	2.5E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.2E-10
6.3E+00	8.0E-07	1.0E-03	5.3E-09	1.6E-01	5.5E-01	4.5E-10	6.4E+00	2.5E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09
3.7E+00	8.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.7E-10	3.9E+00	2.5E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.7E-10

2.4E+00	8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10	2.5E+00	2.5E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-01	5.6E-10
1.7E+00	8.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.2E-10	1.8E+00	2.5E-06	1.0E-03	4.6E-09	1.6E-01	5.5E-01	4.0E-10
1.3E+00	8.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.2E-11	1.3E+00	2.5E-06	1.0E-03	3.4E-09	1.6E-01	5.5E-01	2.9E-10
9.9E-01	8.0E-07	1.0E-03	8.2E-10	1.6E-01	5.5E-01	7.1E-11	9.9E-01	2.5E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.2E-10
7.8E-01	8.0E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-01	5.6E-11	7.8E-01	2.5E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10
7.4E-01	8.0E-07	1.0E-03	6.2E-10	1.6E-01	5.5E-01	5.3E-11	6.1E-01	2.5E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.4E-10
1.0E+00	8.0E-07	1.0E-03	8.7E-10	1.6E-01	5.5E-01	7.5E-11	8.2E-01	2.5E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10
1.6E+00	8.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10	1.1E+00	2.5E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10
2.7E+00	8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	1.7E+00	2.5E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-01	3.9E-10
5.0E+00	8.0E-07	1.0E-03	4.1E-09	1.6E-01	5.5E-01	3.5E-10	2.7E+00	2.5E-06	1.0E-03	7.1E-09	1.6E-01	5.5E-01	6.1E-10
4.5E+00	8.0E-07	1.0E-03	3.7E-09	1.6E-01	5.5E-01	3.2E-10	4.2E+00	2.5E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.4E-10
2.9E+00	8.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.0E-10	2.8E+00	2.5E-06	1.0E-03	7.5E-09	1.6E-01	5.5E-01	6.4E-10
2.0E+00	8.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.4E-10	2.0E+00	2.5E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10
1.5E+00	8.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.0E-10	1.5E+00	2.5E-06	1.0E-03	3.9E-09	1.6E-01	5.5E-01	3.4E-10
1.1E+00	8.0E-07	1.0E-03	9.1E-10	1.6E-01	5.5E-01	7.9E-11	1.1E+00	2.5E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-01	2.5E-10
8.6E-01	8.0E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-01	6.1E-11	8.7E-01	2.5E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10
6.9E-01	8.0E-07	1.0E-03	5.7E-10	1.6E-01	5.5E-01	4.9E-11	6.9E-01	2.5E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.6E-10
6.7E-01	8.0E-07	1.0E-03	5.6E-10	1.6E-01	5.5E-01	4.8E-11	5.4E-01	2.5E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-01	1.2E-10
9.0E-01	8.0E-07	1.0E-03	7.5E-10	1.6E-01	5.5E-01	6.5E-11	7.0E-01	2.5E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.6E-10
1.3E+00	8.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.3E-11	9.4E-01	2.5E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.1E-10
2.0E+00	8.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.4E-10	1.3E+00	2.5E-06	1.0E-03	3.4E-09	1.6E-01	5.5E-01	2.9E-10
3.1E+00	8.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.2E-10	1.9E+00	2.5E-06	1.0E-03	4.9E-09	1.6E-01	5.5E-01	4.2E-10
3.3E+00	8.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10	3.0E+00	2.5E-06	1.0E-03	7.8E-09	1.6E-01	5.5E-01	6.7E-10
2.3E+00	8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.6E-10	2.2E+00	2.5E-06	1.0E-03	5.8E-09	1.6E-01	5.5E-01	5.0E-10
1.6E+00	8.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.2E-10	1.6E+00	2.5E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10
1.2E+00	8.0E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-01	8.9E-11	1.3E+00	2.5E-06	1.0E-03	3.3E-09	1.6E-01	5.5E-01	2.9E-10
9.6E-01	8.0E-07	1.0E-03	8.0E-10	1.6E-01	5.5E-01	6.9E-11	9.8E-01	2.5E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.2E-10
7.6E-01	8.0E-07	1.0E-03	6.3E-10	1.6E-01	5.5E-01	5.4E-11	7.8E-01	2.5E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.8E-10
6.1E-01	8.0E-07	1.0E-03	5.1E-10	1.6E-01	5.5E-01	4.4E-11	6.3E-01	2.5E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.4E-10
5.9E-01	8.0E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-01	4.2E-11	4.7E-01	2.5E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.1E-10
7.6E-01	8.0E-07	1.0E-03	6.3E-10	1.6E-01	5.5E-01	5.4E-11	5.9E-01	2.5E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.3E-10
1.0E+00	8.0E-07	1.0E-03	8.5E-10	1.6E-01	5.5E-01	7.3E-11	7.6E-01	2.5E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10
1.4E+00	8.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.0E-10	1.0E+00	2.5E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.3E-10
2.1E+00	8.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10	1.4E+00	2.5E-06	1.0E-03	3.6E-09	1.6E-01	5.5E-01	3.1E-10
2.9E+00	8.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.1E-10	1.8E+00	2.5E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.1E-10
3.6E+00	8.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	2.2E+00	2.5E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-01	5.1E-10
3.6E+00	8.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	2.5E+00	2.5E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-01	5.6E-10
3.1E+00	8.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.3E-10	2.4E+00	2.5E-06	1.0E-03	6.3E-09	1.6E-01	5.5E-01	5.5E-10
2.5E+00	8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	2.1E+00	2.5E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-01	4.8E-10
1.9E+00	8.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.3E-10	1.7E+00	2.5E-06	1.0E-03	4.6E-09	1.6E-01	5.5E-01	3.9E-10
1.3E+00	8.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.6E-11	1.3E+00	2.5E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-01	3.0E-10
1.0E+00	8.0E-07	1.0E-03	8.6E-10	1.6E-01	5.5E-01	7.4E-11	1.1E+00	2.5E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10
8.5E-01	8.0E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-01	6.1E-11	8.7E-01	2.5E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10
6.8E-01	8.0E-07	1.0E-03	5.7E-10	1.6E-01	5.5E-01	4.9E-11	7.0E-01	2.5E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.6E-10
5.6E-01	8.0E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-01	4.0E-11	5.7E-01	2.5E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10
5.1E-01	8.0E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-01	3.6E-11	4.1E-01	2.5E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.4E-11

6.4E-01	8.0E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-01	4.6E-11	5.0E-01	2.5E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10
8.2E-01	8.0E-07	1.0E-03	6.8E-10	1.6E-01	5.5E-01	5.9E-11	6.2E-01	2.5E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.4E-10
1.1E+00	8.0E-07	1.0E-03	9.1E-10	1.6E-01	5.5E-01	7.8E-11	8.0E-01	2.5E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10
1.5E+00	8.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.1E-10	1.0E+00	2.5E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10
1.9E+00	8.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.3E-10	1.3E+00	2.5E-06	1.0E-03	3.4E-09	1.6E-01	5.5E-01	2.9E-10
2.2E+00	8.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.6E-10	1.5E+00	2.5E-06	1.0E-03	4.0E-09	1.6E-01	5.5E-01	3.4E-10
2.3E+00	8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.7E-10	1.7E+00	2.5E-06	1.0E-03	4.4E-09	1.6E-01	5.5E-01	3.8E-10
2.2E+00	8.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.5E-10	1.7E+00	2.5E-06	1.0E-03	4.4E-09	1.6E-01	5.5E-01	3.8E-10
1.8E+00	8.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10	1.6E+00	2.5E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-01	3.5E-10
1.5E+00	8.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.1E-10	1.4E+00	2.5E-06	1.0E-03	3.6E-09	1.6E-01	5.5E-01	3.1E-10
1.2E+00	8.0E-07	1.0E-03	9.9E-10	1.6E-01	5.5E-01	8.5E-11	1.1E+00	2.5E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10
9.0E-01	8.0E-07	1.0E-03	7.5E-10	1.6E-01	5.5E-01	6.5E-11	9.0E-01	2.5E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.0E-10
7.6E-01	8.0E-07	1.0E-03	6.3E-10	1.6E-01	5.5E-01	5.4E-11	7.7E-01	2.5E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10
6.3E-01	8.0E-07	1.0E-03	5.2E-10	1.6E-01	5.5E-01	4.5E-11	6.4E-01	2.5E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.4E-10
5.2E-01	8.0E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-01	3.7E-11	5.3E-01	2.5E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-01	1.2E-10
4.4E-01	8.0E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-01	3.1E-11	3.6E-01	2.5E-06	1.0E-03	9.5E-10	1.6E-01	5.5E-01	8.2E-11
5.4E-01	8.0E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-01	3.9E-11	4.3E-01	2.5E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.8E-11
6.7E-01	8.0E-07	1.0E-03	5.6E-10	1.6E-01	5.5E-01	4.8E-11	5.3E-01	2.5E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-01	1.2E-10
8.6E-01	8.0E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-01	6.2E-11	6.5E-01	2.5E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10
1.1E+00	8.0E-07	1.0E-03	9.0E-10	1.6E-01	5.5E-01	7.7E-11	8.0E-01	2.5E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10
1.3E+00	8.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.4E-11	9.6E-01	2.5E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.2E-10
1.5E+00	8.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.1E-10	1.1E+00	2.5E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-01	2.5E-10
1.6E+00	8.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10	1.2E+00	2.5E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.7E-10
1.5E+00	8.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10	1.2E+00	2.5E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-01	2.8E-10
1.4E+00	8.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.8E-11	1.2E+00	2.5E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10
1.1E+00	8.0E-07	1.0E-03	9.5E-10	1.6E-01	5.5E-01	8.2E-11	1.0E+00	2.5E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10
9.7E-01	8.0E-07	1.0E-03	8.1E-10	1.6E-01	5.5E-01	6.9E-11	9.0E-01	2.5E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.0E-10
8.0E-01	8.0E-07	1.0E-03	6.7E-10	1.6E-01	5.5E-01	5.7E-11	7.8E-01	2.5E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.8E-10
6.5E-01	8.0E-07	1.0E-03	5.4E-10	1.6E-01	5.5E-01	4.6E-11	6.4E-01	2.5E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10
5.7E-01	8.0E-07	1.0E-03	4.7E-10	1.6E-01	5.5E-01	4.1E-11	5.7E-01	2.5E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10
4.8E-01	8.0E-07	1.0E-03	4.0E-10	1.6E-01	5.5E-01	3.4E-11	4.9E-01	2.5E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10
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4.6E-01	8.0E-07	1.0E-03	3.8E-10	1.6E-01	5.5E-01	3.3E-11	3.7E-01	2.5E-06	1.0E-03	9.8E-10	1.6E-01	5.5E-01	8.5E-11
5.6E-01	8.0E-07	1.0E-03	4.7E-10	1.6E-01	5.5E-01	4.0E-11	4.5E-01	2.5E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.0E-10
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9.7E-01	8.0E-07	1.0E-03	8.1E-10	1.6E-01	5.5E-01	7.0E-11	7.4E-01	2.5E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.7E-10
1.1E+00	8.0E-07	1.0E-03	9.1E-10	1.6E-01	5.5E-01	7.8E-11	8.4E-01	2.5E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10
1.1E+00	8.0E-07	1.0E-03	9.5E-10	1.6E-01	5.5E-01	8.2E-11	9.0E-01	2.5E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.0E-10
1.1E+00	8.0E-07	1.0E-03	9.4E-10	1.6E-01	5.5E-01	8.1E-11	9.2E-01	2.5E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.1E-10
1.1E+00	8.0E-07	1.0E-03	8.8E-10	1.6E-01	5.5E-01	7.6E-11	8.9E-01	2.5E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10
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7.2E-01	8.0E-07	1.0E-03	6.0E-10	1.6E-01	5.5E-01	5.2E-11	6.8E-01	2.5E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.5E-10
5.8E-01	8.0E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-01	4.1E-11	5.6E-01	2.5E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10
4.9E-01	8.0E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-01	3.5E-11	4.9E-01	2.5E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10

4.4E-01	8.0E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-01	3.2E-11	4.5E-01	2.5E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.0E-10
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4.0E-01	8.0E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-01	2.8E-11	3.3E-01	2.5E-06	1.0E-03	8.6E-10	1.6E-01	5.5E-01	7.4E-11
4.7E-01	8.0E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-01	3.4E-11	3.8E-01	2.5E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-01	8.6E-11
5.6E-01	8.0E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-01	4.0E-11	4.5E-01	2.5E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.0E-10
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7.5E-01	8.0E-07	1.0E-03	6.2E-10	1.6E-01	5.5E-01	5.4E-11	5.9E-01	2.5E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.3E-10
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7.8E-01	8.0E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-01	5.6E-11	6.9E-01	2.5E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.5E-10
7.1E-01	8.0E-07	1.0E-03	5.9E-10	1.6E-01	5.5E-01	5.1E-11	6.4E-01	2.5E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.4E-10
6.2E-01	8.0E-07	1.0E-03	5.2E-10	1.6E-01	5.5E-01	4.5E-11	5.8E-01	2.5E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10
5.4E-01	8.0E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-01	3.9E-11	5.2E-01	2.5E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-01	1.2E-10
4.4E-01	8.0E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-01	3.2E-11	4.3E-01	2.5E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.8E-11
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4.0E-01	8.0E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-01	2.8E-11	3.3E-01	2.5E-06	1.0E-03	8.6E-10	1.6E-01	5.5E-01	7.4E-11
4.6E-01	8.0E-07	1.0E-03	3.8E-10	1.6E-01	5.5E-01	3.3E-11	3.8E-01	2.5E-06	1.0E-03	9.9E-10	1.6E-01	5.5E-01	8.5E-11
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6.9E-01	8.0E-07	1.0E-03	5.7E-10	1.6E-01	5.5E-01	4.9E-11	5.8E-01	2.5E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10
6.7E-01	8.0E-07	1.0E-03	5.6E-10	1.6E-01	5.5E-01	4.8E-11	5.8E-01	2.5E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10
6.4E-01	8.0E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-01	4.6E-11	5.6E-01	2.5E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10
5.9E-01	8.0E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-01	4.2E-11	5.3E-01	2.5E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-01	1.2E-10
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4.2E-01	8.0E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-01	3.0E-11	4.0E-01	2.5E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.1E-11
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2.6E-01	8.0E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-01	1.9E-11	2.2E-01	2.5E-06	1.0E-03	5.9E-10	1.6E-01	5.5E-01	5.0E-11
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3.9E-01	8.0E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-01	2.8E-11	3.3E-01	2.5E-06	1.0E-03	8.5E-10	1.6E-01	5.5E-01	7.3E-11
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5.0E-01	8.0E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-01	3.6E-11	4.5E-01	2.5E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.0E-10
4.6E-01	8.0E-07	1.0E-03	3.8E-10	1.6E-01	5.5E-01	3.3E-11	4.3E-01	2.5E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.6E-11

4.2E-01	8.0E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-01	3.0E-11	4.0E-01	2.5E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-01	9.0E-11
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3.2E-01	8.0E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11	3.1E-01	2.5E-06	1.0E-03	8.2E-10	1.6E-01	5.5E-01	7.0E-11
1.2E+01	8.0E-07	1.0E-03	9.7E-09	1.6E-01	5.5E-01	8.4E-10	1.4E+01	2.5E-06	1.0E-03	3.7E-08	1.6E-01	5.5E-01	3.2E-09
1.4E+01	8.0E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-01	9.9E-10	1.8E+01	2.5E-06	1.0E-03	4.8E-08	1.6E-01	5.5E-01	4.1E-09
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1.9E+01	8.0E-07	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.4E-09	3.2E+01	2.5E-06	1.0E-03	8.4E-08	1.6E-01	5.5E-01	7.2E-09
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2.3E+01	8.0E-07	1.0E-03	2.0E-08	1.6E-01	5.5E-01	1.7E-09	5.4E+01	2.5E-06	1.0E-03	1.4E-07	1.6E-01	5.5E-01	1.2E-08
2.5E+01	8.0E-07	1.0E-03	2.0E-08	1.6E-01	5.5E-01	1.8E-09	6.3E+01	2.5E-06	1.0E-03	1.7E-07	1.6E-01	5.5E-01	1.4E-08
2.4E+01	8.0E-07	1.0E-03	2.0E-08	1.6E-01	5.5E-01	1.8E-09	6.8E+01	2.5E-06	1.0E-03	1.8E-07	1.6E-01	5.5E-01	1.5E-08
2.3E+01	8.0E-07	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.7E-09	7.0E+01	2.5E-06	1.0E-03	1.8E-07	1.6E-01	5.5E-01	1.6E-08
2.2E+01	8.0E-07	1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.6E-09	6.8E+01	2.5E-06	1.0E-03	1.8E-07	1.6E-01	5.5E-01	1.5E-08
2.0E+01	8.0E-07	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.4E-09	6.1E+01	2.5E-06	1.0E-03	1.6E-07	1.6E-01	5.5E-01	1.4E-08
1.8E+01	8.0E-07	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	5.1E+01	2.5E-06	1.0E-03	1.3E-07	1.6E-01	5.5E-01	1.2E-08
1.7E+01	8.0E-07	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	4.2E+01	2.5E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-01	9.6E-09
1.5E+01	8.0E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.1E-09	3.5E+01	2.5E-06	1.0E-03	9.1E-08	1.6E-01	5.5E-01	7.8E-09
1.3E+01	8.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.7E-10	2.9E+01	2.5E-06	1.0E-03	7.5E-08	1.6E-01	5.5E-01	6.5E-09
1.2E+01	8.0E-07	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.7E-10	2.4E+01	2.5E-06	1.0E-03	6.3E-08	1.6E-01	5.5E-01	5.4E-09
1.1E+01	8.0E-07	1.0E-03	9.1E-09	1.6E-01	5.5E-01	7.9E-10	2.0E+01	2.5E-06	1.0E-03	5.3E-08	1.6E-01	5.5E-01	4.5E-09
9.9E+00	8.0E-07	1.0E-03	8.3E-09	1.6E-01	5.5E-01	7.1E-10	1.7E+01	2.5E-06	1.0E-03	4.5E-08	1.6E-01	5.5E-01	3.9E-09
9.0E+00	8.0E-07	1.0E-03	7.5E-09	1.6E-01	5.5E-01	6.4E-10	1.5E+01	2.5E-06	1.0E-03	3.8E-08	1.6E-01	5.5E-01	3.3E-09
8.1E+00	8.0E-07	1.0E-03	6.8E-09	1.6E-01	5.5E-01	5.8E-10	1.3E+01	2.5E-06	1.0E-03	3.3E-08	1.6E-01	5.5E-01	2.8E-09
7.4E+00	8.0E-07	1.0E-03	6.1E-09	1.6E-01	5.5E-01	5.3E-10	1.1E+01	2.5E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-01	2.5E-09
6.7E+00	8.0E-07	1.0E-03	5.6E-09	1.6E-01	5.5E-01	4.8E-10	9.6E+00	2.5E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-01	2.2E-09
6.1E+00	8.0E-07	1.0E-03	5.1E-09	1.6E-01	5.5E-01	4.4E-10	8.5E+00	2.5E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-01	1.9E-09
5.6E+00	8.0E-07	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.0E-10	7.5E+00	2.5E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-01	1.7E-09
5.1E+00	8.0E-07	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10	6.7E+00	2.5E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.5E-09
4.7E+00	8.0E-07	1.0E-03	3.9E-09	1.6E-01	5.5E-01	3.4E-10	6.0E+00	2.5E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.4E-09
1.4E+01	8.0E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	1.6E+01	2.5E-06	1.0E-03	4.3E-08	1.6E-01	5.5E-01	3.7E-09
1.8E+01	8.0E-07	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	2.2E+01	2.5E-06	1.0E-03	5.7E-08	1.6E-01	5.5E-01	4.9E-09
2.2E+01	8.0E-07	1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.5E-09	3.0E+01	2.5E-06	1.0E-03	7.9E-08	1.6E-01	5.5E-01	6.8E-09
2.6E+01	8.0E-07	1.0E-03	2.2E-08	1.6E-01	5.5E-01	1.9E-09	4.3E+01	2.5E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-01	9.7E-09
3.1E+01	8.0E-07	1.0E-03	2.6E-08	1.6E-01	5.5E-01	2.2E-09	1.5E+01	2.5E-06	1.0E-03	4.0E-08	1.6E-01	5.5E-01	3.5E-09
3.4E+01	8.0E-07	1.0E-03	2.8E-08	1.6E-01	5.5E-01	2.4E-09	2.2E+01	2.5E-06	1.0E-03	5.7E-08	1.6E-01	5.5E-01	4.9E-09
3.5E+01	8.0E-07	1.0E-03	2.9E-08	1.6E-01	5.5E-01	2.5E-09	3.2E+01	2.5E-06	1.0E-03	8.3E-08	1.6E-01	5.5E-01	7.2E-09
3.3E+01	8.0E-07	1.0E-03	2.8E-08	1.6E-01	5.5E-01	2.4E-09	4.6E+01	2.5E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-01	1.0E-08
3.0E+01	8.0E-07	1.0E-03	2.5E-08	1.6E-01	5.5E-01	2.2E-09	4.7E+01	2.5E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-01	1.1E-08
2.7E+01	8.0E-07	1.0E-03	2.3E-08	1.6E-01	5.5E-01	1.9E-09	3.5E+01	2.5E-06	1.0E-03	9.2E-08	1.6E-01	5.5E-01	7.9E-09
2.4E+01	8.0E-07	1.0E-03	2.0E-08	1.6E-01	5.5E-01	1.7E-09	2.6E+01	2.5E-06	1.0E-03	6.9E-08	1.6E-01	5.5E-01	6.0E-09
2.1E+01	8.0E-07	1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.5E-09	6.8E+01	2.5E-06	1.0E-03	1.8E-07	1.6E-01	5.5E-01	1.5E-08
1.9E+01	8.0E-07	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.3E-09	5.2E+01	2.5E-06	1.0E-03	1.4E-07	1.6E-01	5.5E-01	1.2E-08
1.7E+01	8.0E-07	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	4.0E+01	2.5E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-01	9.0E-09
1.5E+01	8.0E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.1E-09	3.2E+01	2.5E-06	1.0E-03	8.3E-08	1.6E-01	5.5E-01	7.1E-09
1.3E+01	8.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.4E-10	2.6E+01	2.5E-06	1.0E-03	6.7E-08	1.6E-01	5.5E-01	5.8E-09
1.2E+01	8.0E-07	1.0E-03	9.8E-09	1.6E-01	5.5E-01	8.4E-10	2.1E+01	2.5E-06	1.0E-03	5.5E-08	1.6E-01	5.5E-01	4.8E-09

1.0E+01	8.0E-07	1.0E-03	8.7E-09	1.6E-01	5.5E-01	7.5E-10	1.8E+01	2.5E-06	1.0E-03	4.6E-08	1.6E-01	5.5E-01	4.0E-09
9.4E+00	8.0E-07	1.0E-03	7.8E-09	1.6E-01	5.5E-01	6.7E-10	1.5E+01	2.5E-06	1.0E-03	3.9E-08	1.6E-01	5.5E-01	3.4E-09
8.4E+00	8.0E-07	1.0E-03	7.0E-09	1.6E-01	5.5E-01	6.0E-10	1.3E+01	2.5E-06	1.0E-03	3.3E-08	1.6E-01	5.5E-01	2.9E-09
7.6E+00	8.0E-07	1.0E-03	6.3E-09	1.6E-01	5.5E-01	5.4E-10	1.1E+01	2.5E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-01	2.5E-09
6.9E+00	8.0E-07	1.0E-03	5.7E-09	1.6E-01	5.5E-01	4.9E-10	9.6E+00	2.5E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-01	2.2E-09
6.2E+00	8.0E-07	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10	8.4E+00	2.5E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-01	1.9E-09
5.7E+00	8.0E-07	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.1E-10	7.4E+00	2.5E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-01	1.7E-09
5.2E+00	8.0E-07	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10	6.6E+00	2.5E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09
4.8E+00	8.0E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-01	3.4E-10	5.9E+00	2.5E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.3E-09
1.8E+01	8.0E-07	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	1.8E+01	2.5E-06	1.0E-03	4.7E-08	1.6E-01	5.5E-01	4.1E-09
2.3E+01	8.0E-07	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.6E-09	2.5E+01	2.5E-06	1.0E-03	6.5E-08	1.6E-01	5.5E-01	5.6E-09
2.9E+01	8.0E-07	1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.1E-09	3.7E+01	2.5E-06	1.0E-03	9.6E-08	1.6E-01	5.5E-01	8.3E-09
3.8E+01	8.0E-07	1.0E-03	3.2E-08	1.6E-01	5.5E-01	2.7E-09	5.7E+01	2.5E-06	1.0E-03	1.5E-07	1.6E-01	5.5E-01	1.3E-08
4.8E+01	8.0E-07	1.0E-03	4.0E-08	1.6E-01	5.5E-01	3.4E-09	1.8E+01	2.5E-06	1.0E-03	4.7E-08	1.6E-01	5.5E-01	4.1E-09
5.4E+01	8.0E-07	1.0E-03	4.5E-08	1.6E-01	5.5E-01	3.9E-09	2.7E+01	2.5E-06	1.0E-03	7.1E-08	1.6E-01	5.5E-01	6.1E-09
5.3E+01	8.0E-07	1.0E-03	4.4E-08	1.6E-01	5.5E-01	3.8E-09	4.4E+01	2.5E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-01	9.8E-09
4.7E+01	8.0E-07	1.0E-03	3.9E-08	1.6E-01	5.5E-01	3.4E-09	0.0E+00	2.5E-06	1.0E-03	0.0E+00	1.6E-01	5.5E-01	0.0E+00
4.0E+01	8.0E-07	1.0E-03	3.3E-08	1.6E-01	5.5E-01	2.9E-09	0.0E+00	2.5E-06	1.0E-03	0.0E+00	1.6E-01	5.5E-01	0.0E+00
3.4E+01	8.0E-07	1.0E-03	2.8E-08	1.6E-01	5.5E-01	2.4E-09	4.3E+01	2.5E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-01	9.8E-09
2.9E+01	8.0E-07	1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.0E-09	3.0E+01	2.5E-06	1.0E-03	7.9E-08	1.6E-01	5.5E-01	6.8E-09
2.4E+01	8.0E-07	1.0E-03	2.0E-08	1.6E-01	5.5E-01	1.8E-09	2.2E+01	2.5E-06	1.0E-03	5.9E-08	1.6E-01	5.5E-01	5.1E-09
2.1E+01	8.0E-07	1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.5E-09	6.1E+01	2.5E-06	1.0E-03	1.6E-07	1.6E-01	5.5E-01	1.4E-08
1.8E+01	8.0E-07	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	4.4E+01	2.5E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-01	1.0E-08
1.6E+01	8.0E-07	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	3.4E+01	2.5E-06	1.0E-03	8.9E-08	1.6E-01	5.5E-01	7.6E-09
1.4E+01	8.0E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	2.7E+01	2.5E-06	1.0E-03	7.0E-08	1.6E-01	5.5E-01	6.0E-09
1.2E+01	8.0E-07	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.9E-10	2.2E+01	2.5E-06	1.0E-03	5.7E-08	1.6E-01	5.5E-01	4.9E-09
1.1E+01	8.0E-07	1.0E-03	9.1E-09	1.6E-01	5.5E-01	7.8E-10	1.8E+01	2.5E-06	1.0E-03	4.7E-08	1.6E-01	5.5E-01	4.0E-09
9.7E+00	8.0E-07	1.0E-03	8.1E-09	1.6E-01	5.5E-01	7.0E-10	1.5E+01	2.5E-06	1.0E-03	3.9E-08	1.6E-01	5.5E-01	3.4E-09
8.7E+00	8.0E-07	1.0E-03	7.2E-09	1.6E-01	5.5E-01	6.2E-10	1.3E+01	2.5E-06	1.0E-03	3.3E-08	1.6E-01	5.5E-01	2.9E-09
7.8E+00	8.0E-07	1.0E-03	6.4E-09	1.6E-01	5.5E-01	5.6E-10	1.1E+01	2.5E-06	1.0E-03	2.8E-08	1.6E-01	5.5E-01	2.5E-09
7.0E+00	8.0E-07	1.0E-03	5.8E-09	1.6E-01	5.5E-01	5.0E-10	9.4E+00	2.5E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-01	2.1E-09
6.3E+00	8.0E-07	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10	8.2E+00	2.5E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-01	1.9E-09
5.7E+00	8.0E-07	1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.1E-10	7.3E+00	2.5E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.6E-09
5.2E+00	8.0E-07	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10	6.5E+00	2.5E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09
4.8E+00	8.0E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-01	3.4E-10	5.8E+00	2.5E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09
2.1E+01	8.0E-07	1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.5E-09	1.9E+01	2.5E-06	1.0E-03	5.0E-08	1.6E-01	5.5E-01	4.3E-09
2.9E+01	8.0E-07	1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.1E-09	2.7E+01	2.5E-06	1.0E-03	7.1E-08	1.6E-01	5.5E-01	6.1E-09
4.0E+01	8.0E-07	1.0E-03	3.3E-08	1.6E-01	5.5E-01	2.9E-09	4.1E+01	2.5E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-01	9.3E-09
5.7E+01	8.0E-07	1.0E-03	4.8E-08	1.6E-01	5.5E-01	4.1E-09	1.3E+01	2.5E-06	1.0E-03	3.4E-08	1.6E-01	5.5E-01	3.0E-09
2.2E+01	8.0E-07	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.6E-09	2.0E+01	2.5E-06	1.0E-03	5.2E-08	1.6E-01	5.5E-01	4.5E-09
2.5E+01	8.0E-07	1.0E-03	2.1E-08	1.6E-01	5.5E-01	1.8E-09	3.1E+01	2.5E-06	1.0E-03	8.2E-08	1.6E-01	5.5E-01	7.0E-09
2.6E+01	8.0E-07	1.0E-03	2.1E-08	1.6E-01	5.5E-01	1.8E-09	0.0E+00	2.5E-06	1.0E-03	0.0E+00	1.6E-01	5.5E-01	0.0E+00
6.8E+01	8.0E-07	1.0E-03	5.7E-08	1.6E-01	5.5E-01	4.9E-09	0.0E+00	2.5E-06	1.0E-03	0.0E+00	1.6E-01	5.5E-01	0.0E+00
5.2E+01	8.0E-07	1.0E-03	4.3E-08	1.6E-01	5.5E-01	3.7E-09	0.0E+00	2.5E-06	1.0E-03	0.0E+00	1.6E-01	5.5E-01	0.0E+00
4.1E+01	8.0E-07	1.0E-03	3.4E-08	1.6E-01	5.5E-01	2.9E-09	5.0E+01	2.5E-06	1.0E-03	1.3E-07	1.6E-01	5.5E-01	1.1E-08
3.3E+01	8.0E-07	1.0E-03	2.8E-08	1.6E-01	5.5E-01	2.4E-09	3.2E+01	2.5E-06	1.0E-03	8.4E-08	1.6E-01	5.5E-01	7.3E-09

2.8E+01	8.0E-07	1.0E-03	2.3E-08	1.6E-01	5.5E-01	2.0E-09	2.3E+01	2.5E-06	1.0E-03	6.1E-08	1.6E-01	5.5E-01	5.2E-09
2.3E+01	8.0E-07	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.7E-09	6.8E+01	2.5E-06	1.0E-03	1.8E-07	1.6E-01	5.5E-01	1.5E-08
2.0E+01	8.0E-07	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.4E-09	4.6E+01	2.5E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-01	1.1E-08
1.7E+01	8.0E-07	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	3.4E+01	2.5E-06	1.0E-03	9.0E-08	1.6E-01	5.5E-01	7.8E-09
1.5E+01	8.0E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.1E-09	2.7E+01	2.5E-06	1.0E-03	7.0E-08	1.6E-01	5.5E-01	6.0E-09
1.3E+01	8.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.2E-10	2.1E+01	2.5E-06	1.0E-03	5.6E-08	1.6E-01	5.5E-01	4.9E-09
1.1E+01	8.0E-07	1.0E-03	9.4E-09	1.6E-01	5.5E-01	8.1E-10	1.8E+01	2.5E-06	1.0E-03	4.6E-08	1.6E-01	5.5E-01	4.0E-09
9.9E+00	8.0E-07	1.0E-03	8.3E-09	1.6E-01	5.5E-01	7.1E-10	1.5E+01	2.5E-06	1.0E-03	3.8E-08	1.6E-01	5.5E-01	3.3E-09
8.8E+00	8.0E-07	1.0E-03	7.3E-09	1.6E-01	5.5E-01	6.3E-10	1.2E+01	2.5E-06	1.0E-03	3.2E-08	1.6E-01	5.5E-01	2.8E-09
7.8E+00	8.0E-07	1.0E-03	6.5E-09	1.6E-01	5.5E-01	5.6E-10	1.1E+01	2.5E-06	1.0E-03	2.8E-08	1.6E-01	5.5E-01	2.4E-09
7.0E+00	8.0E-07	1.0E-03	5.8E-09	1.6E-01	5.5E-01	5.0E-10	9.2E+00	2.5E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.1E-09
6.3E+00	8.0E-07	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10	8.0E+00	2.5E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-01	1.8E-09
5.7E+00	8.0E-07	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.1E-10	7.0E+00	2.5E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.6E-09
5.2E+00	8.0E-07	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10	6.3E+00	2.5E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.4E-09
4.7E+00	8.0E-07	1.0E-03	3.9E-09	1.6E-01	5.5E-01	3.4E-10	5.6E+00	2.5E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09
2.5E+01	8.0E-07	1.0E-03	2.1E-08	1.6E-01	5.5E-01	1.8E-09	1.9E+01	2.5E-06	1.0E-03	5.0E-08	1.6E-01	5.5E-01	4.3E-09
3.6E+01	8.0E-07	1.0E-03	3.0E-08	1.6E-01	5.5E-01	2.5E-09	2.7E+01	2.5E-06	1.0E-03	7.2E-08	1.6E-01	5.5E-01	6.2E-09
5.3E+01	8.0E-07	1.0E-03	4.4E-08	1.6E-01	5.5E-01	3.8E-09	4.2E+01	2.5E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-01	9.4E-09
2.8E+01	8.0E-07	1.0E-03	2.3E-08	1.6E-01	5.5E-01	2.0E-09	1.3E+01	2.5E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-01	3.0E-09
3.4E+01	8.0E-07	1.0E-03	2.8E-08	1.6E-01	5.5E-01	2.4E-09	2.0E+01	2.5E-06	1.0E-03	5.2E-08	1.6E-01	5.5E-01	4.5E-09
1.3E+01	8.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.4E-10	2.1E+01	2.5E-06	1.0E-03	5.4E-08	1.6E-01	5.5E-01	4.7E-09
1.1E+01	8.0E-07	1.0E-03	9.5E-09	1.6E-01	5.5E-01	8.2E-10	1.7E+01	2.5E-06	1.0E-03	4.4E-08	1.6E-01	5.5E-01	3.8E-09
1.0E+01	8.0E-07	1.0E-03	8.3E-09	1.6E-01	5.5E-01	7.2E-10	1.4E+01	2.5E-06	1.0E-03	3.7E-08	1.6E-01	5.5E-01	3.2E-09
8.8E+00	8.0E-07	1.0E-03	7.3E-09	1.6E-01	5.5E-01	6.3E-10	1.2E+01	2.5E-06	1.0E-03	3.1E-08	1.6E-01	5.5E-01	2.7E-09
7.8E+00	8.0E-07	1.0E-03	6.5E-09	1.6E-01	5.5E-01	5.6E-10	1.0E+01	2.5E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-01	2.3E-09
7.0E+00	8.0E-07	1.0E-03	5.8E-09	1.6E-01	5.5E-01	5.0E-10	8.8E+00	2.5E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-01	2.0E-09
6.3E+00	8.0E-07	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10	7.7E+00	2.5E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-01	1.7E-09
5.6E+00	8.0E-07	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.0E-10	6.8E+00	2.5E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.5E-09
5.1E+00	8.0E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-01	3.7E-10	6.0E+00	2.5E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.4E-09
4.6E+00	8.0E-07	1.0E-03	3.9E-09	1.6E-01	5.5E-01	3.3E-10	5.4E+00	2.5E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09
2.9E+01	8.0E-07	1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.0E-09	1.8E+01	2.5E-06	1.0E-03	4.8E-08	1.6E-01	5.5E-01	4.1E-09
4.2E+01	8.0E-07	1.0E-03	3.5E-08	1.6E-01	5.5E-01	3.0E-09	2.6E+01	2.5E-06	1.0E-03	6.7E-08	1.6E-01	5.5E-01	5.8E-09
6.4E+01	8.0E-07	1.0E-03	5.4E-08	1.6E-01	5.5E-01	4.6E-09	3.8E+01	2.5E-06	1.0E-03	9.9E-08	1.6E-01	5.5E-01	8.5E-09
4.2E+01	8.0E-07	1.0E-03	3.5E-08	1.6E-01	5.5E-01	3.0E-09	1.2E+01	2.5E-06	1.0E-03	3.3E-08	1.6E-01	5.5E-01	2.8E-09
5.7E+01	8.0E-07	1.0E-03	4.7E-08	1.6E-01	5.5E-01	4.1E-09	1.8E+01	2.5E-06	1.0E-03	4.8E-08	1.6E-01	5.5E-01	4.2E-09
1.3E+01	8.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.5E-10	1.9E+01	2.5E-06	1.0E-03	5.0E-08	1.6E-01	5.5E-01	4.3E-09
1.1E+01	8.0E-07	1.0E-03	9.5E-09	1.6E-01	5.5E-01	8.2E-10	1.6E+01	2.5E-06	1.0E-03	4.1E-08	1.6E-01	5.5E-01	3.6E-09
1.0E+01	8.0E-07	1.0E-03	8.3E-09	1.6E-01	5.5E-01	7.1E-10	1.3E+01	2.5E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-01	3.0E-09
8.8E+00	8.0E-07	1.0E-03	7.3E-09	1.6E-01	5.5E-01	6.3E-10	1.1E+01	2.5E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-01	2.5E-09
7.7E+00	8.0E-07	1.0E-03	6.4E-09	1.6E-01	5.5E-01	5.5E-10	9.6E+00	2.5E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-01	2.2E-09
6.9E+00	8.0E-07	1.0E-03	5.7E-09	1.6E-01	5.5E-01	4.9E-10	8.3E+00	2.5E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-01	1.9E-09
6.1E+00	8.0E-07	1.0E-03	5.1E-09	1.6E-01	5.5E-01	4.4E-10	7.3E+00	2.5E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.6E-09
5.5E+00	8.0E-07	1.0E-03	4.6E-09	1.6E-01	5.5E-01	4.0E-10	6.4E+00	2.5E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09
5.0E+00	8.0E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-01	3.6E-10	5.7E+00	2.5E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09
4.5E+00	8.0E-07	1.0E-03	3.8E-09	1.6E-01	5.5E-01	3.2E-10	5.1E+00	2.5E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.2E-09
3.1E+01	8.0E-07	1.0E-03	2.6E-08	1.6E-01	5.5E-01	2.2E-09	1.6E+01	2.5E-06	1.0E-03	4.3E-08	1.6E-01	5.5E-01	3.7E-09

4.5E+01	8.0E-07	1.0E-03	3.8E-08	1.6E-01	5.5E-01	3.3E-09	2.2E+01	2.5E-06	1.0E-03	5.8E-08	1.6E-01	5.5E-01	5.0E-09
7.1E+01	8.0E-07	1.0E-03	5.9E-08	1.6E-01	5.5E-01	5.1E-09	3.1E+01	2.5E-06	1.0E-03	8.1E-08	1.6E-01	5.5E-01	7.0E-09
1.7E+01	8.0E-07	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	4.5E+01	2.5E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-01	1.0E-08
2.0E+01	8.0E-07	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.4E-09	1.5E+01	2.5E-06	1.0E-03	4.0E-08	1.6E-01	5.5E-01	3.5E-09
1.3E+01	8.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.4E-10	1.7E+01	2.5E-06	1.0E-03	4.5E-08	1.6E-01	5.5E-01	3.9E-09
1.1E+01	8.0E-07	1.0E-03	9.4E-09	1.6E-01	5.5E-01	8.1E-10	1.4E+01	2.5E-06	1.0E-03	3.8E-08	1.6E-01	5.5E-01	3.3E-09
9.8E+00	8.0E-07	1.0E-03	8.2E-09	1.6E-01	5.5E-01	7.0E-10	1.2E+01	2.5E-06	1.0E-03	3.2E-08	1.6E-01	5.5E-01	2.7E-09
8.6E+00	8.0E-07	1.0E-03	7.1E-09	1.6E-01	5.5E-01	6.1E-10	1.0E+01	2.5E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-01	2.3E-09
7.6E+00	8.0E-07	1.0E-03	6.3E-09	1.6E-01	5.5E-01	5.4E-10	9.0E+00	2.5E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.0E-09
6.7E+00	8.0E-07	1.0E-03	5.6E-09	1.6E-01	5.5E-01	4.8E-10	7.8E+00	2.5E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-01	1.8E-09
6.0E+00	8.0E-07	1.0E-03	5.0E-09	1.6E-01	5.5E-01	4.3E-10	6.9E+00	2.5E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.6E-09
5.4E+00	8.0E-07	1.0E-03	4.5E-09	1.6E-01	5.5E-01	3.8E-10	6.1E+00	2.5E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.4E-09
4.9E+00	8.0E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-01	3.5E-10	5.4E+00	2.5E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09
4.4E+00	8.0E-07	1.0E-03	3.7E-09	1.6E-01	5.5E-01	3.2E-10	4.9E+00	2.5E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09
3.2E+01	8.0E-07	1.0E-03	2.7E-08	1.6E-01	5.5E-01	2.3E-09	1.5E+01	2.5E-06	1.0E-03	3.8E-08	1.6E-01	5.5E-01	3.3E-09
4.7E+01	8.0E-07	1.0E-03	3.9E-08	1.6E-01	5.5E-01	3.4E-09	1.9E+01	2.5E-06	1.0E-03	4.9E-08	1.6E-01	5.5E-01	4.2E-09
7.5E+01	8.0E-07	1.0E-03	6.2E-08	1.6E-01	5.5E-01	5.3E-09	2.5E+01	2.5E-06	1.0E-03	6.5E-08	1.6E-01	5.5E-01	5.6E-09
6.2E+01	8.0E-07	1.0E-03	5.2E-08	1.6E-01	5.5E-01	4.5E-09	3.3E+01	2.5E-06	1.0E-03	8.6E-08	1.6E-01	5.5E-01	7.4E-09
3.4E+01	8.0E-07	1.0E-03	2.8E-08	1.6E-01	5.5E-01	2.4E-09	4.4E+01	2.5E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-01	9.9E-09
1.3E+01	8.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.1E-10	1.5E+01	2.5E-06	1.0E-03	4.0E-08	1.6E-01	5.5E-01	3.5E-09
1.1E+01	8.0E-07	1.0E-03	9.1E-09	1.6E-01	5.5E-01	7.9E-10	1.3E+01	2.5E-06	1.0E-03	3.4E-08	1.6E-01	5.5E-01	2.9E-09
9.5E+00	8.0E-07	1.0E-03	7.9E-09	1.6E-01	5.5E-01	6.8E-10	1.1E+01	2.5E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-01	2.5E-09
8.3E+00	8.0E-07	1.0E-03	6.9E-09	1.6E-01	5.5E-01	6.0E-10	9.6E+00	2.5E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-01	2.2E-09
7.3E+00	8.0E-07	1.0E-03	6.1E-09	1.6E-01	5.5E-01	5.3E-10	8.3E+00	2.5E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-01	1.9E-09
6.5E+00	8.0E-07	1.0E-03	5.4E-09	1.6E-01	5.5E-01	4.7E-10	7.3E+00	2.5E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.6E-09
5.8E+00	8.0E-07	1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.2E-10	6.4E+00	2.5E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09
5.2E+00	8.0E-07	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10	5.7E+00	2.5E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09
4.7E+00	8.0E-07	1.0E-03	3.9E-09	1.6E-01	5.5E-01	3.4E-10	5.1E+00	2.5E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.2E-09
4.3E+00	8.0E-07	1.0E-03	3.5E-09	1.6E-01	5.5E-01	3.0E-10	4.6E+00	2.5E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09
3.2E+01	8.0E-07	1.0E-03	2.7E-08	1.6E-01	5.5E-01	2.3E-09	1.3E+01	2.5E-06	1.0E-03	3.3E-08	1.6E-01	5.5E-01	2.8E-09
4.7E+01	8.0E-07	1.0E-03	3.9E-08	1.6E-01	5.5E-01	3.4E-09	1.6E+01	2.5E-06	1.0E-03	4.1E-08	1.6E-01	5.5E-01	3.5E-09
7.4E+01	8.0E-07	1.0E-03	6.1E-08	1.6E-01	5.5E-01	5.3E-09	2.0E+01	2.5E-06	1.0E-03	5.1E-08	1.6E-01	5.5E-01	4.4E-09
6.2E+01	8.0E-07	1.0E-03	5.2E-08	1.6E-01	5.5E-01	4.5E-09	2.4E+01	2.5E-06	1.0E-03	6.4E-08	1.6E-01	5.5E-01	5.5E-09
3.0E+01	8.0E-07	1.0E-03	2.5E-08	1.6E-01	5.5E-01	2.1E-09	3.0E+01	2.5E-06	1.0E-03	8.0E-08	1.6E-01	5.5E-01	6.9E-09
1.2E+01	8.0E-07	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.8E-10	1.3E+01	2.5E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-01	3.0E-09
1.1E+01	8.0E-07	1.0E-03	8.8E-09	1.6E-01	5.5E-01	7.6E-10	1.2E+01	2.5E-06	1.0E-03	3.0E-08	1.6E-01	5.5E-01	2.6E-09
9.1E+00	8.0E-07	1.0E-03	7.6E-09	1.6E-01	5.5E-01	6.5E-10	1.0E+01	2.5E-06	1.0E-03	2.6E-08	1.6E-01	5.5E-01	2.3E-09
8.0E+00	8.0E-07	1.0E-03	6.7E-09	1.6E-01	5.5E-01	5.7E-10	8.7E+00	2.5E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-01	2.0E-09
7.0E+00	8.0E-07	1.0E-03	5.9E-09	1.6E-01	5.5E-01	5.0E-10	7.7E+00	2.5E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-01	1.7E-09
6.2E+00	8.0E-07	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10	6.8E+00	2.5E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.5E-09
5.6E+00	8.0E-07	1.0E-03	4.6E-09	1.6E-01	5.5E-01	4.0E-10	6.0E+00	2.5E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.4E-09
5.0E+00	8.0E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-01	3.6E-10	5.3E+00	2.5E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09
4.5E+00	8.0E-07	1.0E-03	3.7E-09	1.6E-01	5.5E-01	3.2E-10	4.8E+00	2.5E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09
4.1E+00	8.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-01	2.9E-10	4.3E+00	2.5E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.8E-10
3.0E+01	8.0E-07	1.0E-03	2.5E-08	1.6E-01	5.5E-01	2.2E-09	1.1E+01	2.5E-06	1.0E-03	2.8E-08	1.6E-01	5.5E-01	2.4E-09
4.5E+01	8.0E-07	1.0E-03	3.7E-08	1.6E-01	5.5E-01	3.2E-09	1.3E+01	2.5E-06	1.0E-03	3.4E-08	1.6E-01	5.5E-01	2.9E-09

7.0E+01	8.0E-07	1.0E-03	5.8E-08	1.6E-01	5.5E-01	5.0E-09	1.6E+01	2.5E-06	1.0E-03	4.1E-08	1.6E-01	5.5E-01	3.6E-09
1.5E+01	8.0E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.1E-09	1.9E+01	2.5E-06	1.0E-03	4.9E-08	1.6E-01	5.5E-01	4.3E-09
1.8E+01	8.0E-07	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	2.2E+01	2.5E-06	1.0E-03	5.9E-08	1.6E-01	5.5E-01	5.1E-09
1.2E+01	8.0E-07	1.0E-03	9.6E-09	1.6E-01	5.5E-01	8.3E-10	1.2E+01	2.5E-06	1.0E-03	3.1E-08	1.6E-01	5.5E-01	2.7E-09
1.0E+01	8.0E-07	1.0E-03	8.3E-09	1.6E-01	5.5E-01	7.1E-10	1.0E+01	2.5E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-01	2.3E-09
8.7E+00	8.0E-07	1.0E-03	7.2E-09	1.6E-01	5.5E-01	6.2E-10	9.0E+00	2.5E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.0E-09
7.6E+00	8.0E-07	1.0E-03	6.3E-09	1.6E-01	5.5E-01	5.4E-10	7.9E+00	2.5E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-01	1.8E-09
6.7E+00	8.0E-07	1.0E-03	5.6E-09	1.6E-01	5.5E-01	4.8E-10	7.0E+00	2.5E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.6E-09
6.0E+00	8.0E-07	1.0E-03	5.0E-09	1.6E-01	5.5E-01	4.3E-10	6.2E+00	2.5E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.4E-09
5.3E+00	8.0E-07	1.0E-03	4.4E-09	1.6E-01	5.5E-01	3.8E-10	5.6E+00	2.5E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09
4.8E+00	8.0E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-01	3.4E-10	5.0E+00	2.5E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09
4.3E+00	8.0E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-01	3.1E-10	4.5E+00	2.5E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09
3.9E+00	8.0E-07	1.0E-03	3.3E-09	1.6E-01	5.5E-01	2.8E-10	4.1E+00	2.5E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.2E-10
2.8E+01	8.0E-07	1.0E-03	2.3E-08	1.6E-01	5.5E-01	2.0E-09	9.1E+00	2.5E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.1E-09
4.0E+01	8.0E-07	1.0E-03	3.3E-08	1.6E-01	5.5E-01	2.8E-09	1.1E+01	2.5E-06	1.0E-03	2.8E-08	1.6E-01	5.5E-01	2.4E-09
6.1E+01	8.0E-07	1.0E-03	5.1E-08	1.6E-01	5.5E-01	4.4E-09	1.3E+01	2.5E-06	1.0E-03	3.3E-08	1.6E-01	5.5E-01	2.8E-09
3.9E+01	8.0E-07	1.0E-03	3.2E-08	1.6E-01	5.5E-01	2.8E-09	1.5E+01	2.5E-06	1.0E-03	3.9E-08	1.6E-01	5.5E-01	3.4E-09
5.0E+01	8.0E-07	1.0E-03	4.2E-08	1.6E-01	5.5E-01	3.6E-09	1.7E+01	2.5E-06	1.0E-03	4.5E-08	1.6E-01	5.5E-01	3.9E-09
1.1E+01	8.0E-07	1.0E-03	9.0E-09	1.6E-01	5.5E-01	7.7E-10	1.0E+01	2.5E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-01	2.3E-09
9.3E+00	8.0E-07	1.0E-03	7.8E-09	1.6E-01	5.5E-01	6.7E-10	9.1E+00	2.5E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.1E-09
8.2E+00	8.0E-07	1.0E-03	6.8E-09	1.6E-01	5.5E-01	5.8E-10	8.1E+00	2.5E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-01	1.8E-09
7.2E+00	8.0E-07	1.0E-03	6.0E-09	1.6E-01	5.5E-01	5.1E-10	7.2E+00	2.5E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.6E-09
6.3E+00	8.0E-07	1.0E-03	5.3E-09	1.6E-01	5.5E-01	4.5E-10	6.4E+00	2.5E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09
5.7E+00	8.0E-07	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.1E-10	5.8E+00	2.5E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09
5.1E+00	8.0E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-01	3.6E-10	5.2E+00	2.5E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09
4.6E+00	8.0E-07	1.0E-03	3.8E-09	1.6E-01	5.5E-01	3.3E-10	4.7E+00	2.5E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.1E-09
4.1E+00	8.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-01	3.0E-10	4.2E+00	2.5E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.6E-10
3.7E+00	8.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.7E-10	3.9E+00	2.5E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.7E-10
2.4E+01	8.0E-07	1.0E-03	2.0E-08	1.6E-01	5.5E-01	1.7E-09	7.8E+00	2.5E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-01	1.8E-09
3.4E+01	8.0E-07	1.0E-03	2.8E-08	1.6E-01	5.5E-01	2.4E-09	9.0E+00	2.5E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.0E-09
5.0E+01	8.0E-07	1.0E-03	4.1E-08	1.6E-01	5.5E-01	3.5E-09	1.0E+01	2.5E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-01	2.3E-09
2.6E+01	8.0E-07	1.0E-03	2.1E-08	1.6E-01	5.5E-01	1.8E-09	1.2E+01	2.5E-06	1.0E-03	3.2E-08	1.6E-01	5.5E-01	2.7E-09
3.1E+01	8.0E-07	1.0E-03	2.6E-08	1.6E-01	5.5E-01	2.2E-09	1.4E+01	2.5E-06	1.0E-03	3.6E-08	1.6E-01	5.5E-01	3.1E-09
9.9E+00	8.0E-07	1.0E-03	8.3E-09	1.6E-01	5.5E-01	7.1E-10	9.1E+00	2.5E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.0E-09
8.7E+00	8.0E-07	1.0E-03	7.2E-09	1.6E-01	5.5E-01	6.2E-10	8.1E+00	2.5E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-01	1.8E-09
7.6E+00	8.0E-07	1.0E-03	6.3E-09	1.6E-01	5.5E-01	5.4E-10	7.3E+00	2.5E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.7E-09
6.7E+00	8.0E-07	1.0E-03	5.6E-09	1.6E-01	5.5E-01	4.8E-10	6.6E+00	2.5E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09
6.0E+00	8.0E-07	1.0E-03	5.0E-09	1.6E-01	5.5E-01	4.3E-10	5.9E+00	2.5E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.3E-09
5.3E+00	8.0E-07	1.0E-03	4.4E-09	1.6E-01	5.5E-01	3.8E-10	5.3E+00	2.5E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09
4.8E+00	8.0E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-01	3.4E-10	4.8E+00	2.5E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09
4.3E+00	8.0E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-01	3.1E-10	4.4E+00	2.5E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	9.9E-10
3.9E+00	8.0E-07	1.0E-03	3.3E-09	1.6E-01	5.5E-01	2.8E-10	4.0E+00	2.5E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	9.0E-10
3.6E+00	8.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	3.6E+00	2.5E-06	1.0E-03	9.6E-09	1.6E-01	5.5E-01	8.2E-10
2.0E+01	8.0E-07	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09	6.7E+00	2.5E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.5E-09
2.7E+01	8.0E-07	1.0E-03	2.3E-08	1.6E-01	5.5E-01	2.0E-09	7.7E+00	2.5E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-01	1.7E-09
3.8E+01	8.0E-07	1.0E-03	3.1E-08	1.6E-01	5.5E-01	2.7E-09	8.8E+00	2.5E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-01	2.0E-09

5.3E+01	8.0E-07	1.0E-03	4.4E-08	1.6E-01	5.5E-01	3.8E-09	1.0E+01	2.5E-06	1.0E-03	2.6E-08	1.6E-01	5.5E-01	2.3E-09
2.0E+01	8.0E-07	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09	1.1E+01	2.5E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-01	2.5E-09
9.1E+00	8.0E-07	1.0E-03	7.6E-09	1.6E-01	5.5E-01	6.5E-10	8.0E+00	2.5E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-01	1.8E-09
8.0E+00	8.0E-07	1.0E-03	6.7E-09	1.6E-01	5.5E-01	5.7E-10	7.3E+00	2.5E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.6E-09
7.1E+00	8.0E-07	1.0E-03	5.9E-09	1.6E-01	5.5E-01	5.1E-10	6.6E+00	2.5E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09
6.3E+00	8.0E-07	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10	6.0E+00	2.5E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.4E-09
5.6E+00	8.0E-07	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.0E-10	5.4E+00	2.5E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09
5.0E+00	8.0E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-01	3.6E-10	4.9E+00	2.5E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09
4.5E+00	8.0E-07	1.0E-03	3.8E-09	1.6E-01	5.5E-01	3.2E-10	4.5E+00	2.5E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09
4.1E+00	8.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-01	2.9E-10	4.1E+00	2.5E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.3E-10
3.7E+00	8.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.7E-10	3.8E+00	2.5E-06	1.0E-03	9.9E-09	1.6E-01	5.5E-01	8.5E-10
3.4E+00	8.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10	3.4E+00	2.5E-06	1.0E-03	9.0E-09	1.6E-01	5.5E-01	7.8E-10
1.7E+01	8.0E-07	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.9E+00	2.5E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09
2.2E+01	8.0E-07	1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.5E-09	6.6E+00	2.5E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09
2.8E+01	8.0E-07	1.0E-03	2.3E-08	1.6E-01	5.5E-01	2.0E-09	7.4E+00	2.5E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.7E-09
3.6E+01	8.0E-07	1.0E-03	3.0E-08	1.6E-01	5.5E-01	2.5E-09	8.3E+00	2.5E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-01	1.9E-09
4.3E+01	8.0E-07	1.0E-03	3.5E-08	1.6E-01	5.5E-01	3.0E-09	9.2E+00	2.5E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.1E-09
8.3E+00	8.0E-07	1.0E-03	6.9E-09	1.6E-01	5.5E-01	6.0E-10	7.1E+00	2.5E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.6E-09
7.4E+00	8.0E-07	1.0E-03	6.1E-09	1.6E-01	5.5E-01	5.3E-10	6.6E+00	2.5E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09
6.5E+00	8.0E-07	1.0E-03	5.4E-09	1.6E-01	5.5E-01	4.7E-10	6.0E+00	2.5E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.4E-09
5.8E+00	8.0E-07	1.0E-03	4.9E-09	1.6E-01	5.5E-01	4.2E-10	5.5E+00	2.5E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09
5.2E+00	8.0E-07	1.0E-03	4.4E-09	1.6E-01	5.5E-01	3.7E-10	5.0E+00	2.5E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09
4.7E+00	8.0E-07	1.0E-03	3.9E-09	1.6E-01	5.5E-01	3.4E-10	4.6E+00	2.5E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09
4.3E+00	8.0E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-01	3.1E-10	4.2E+00	2.5E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.5E-10
3.9E+00	8.0E-07	1.0E-03	3.2E-09	1.6E-01	5.5E-01	2.8E-10	3.8E+00	2.5E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.7E-10
3.5E+00	8.0E-07	1.0E-03	2.9E-09	1.6E-01	5.5E-01	2.5E-10	3.5E+00	2.5E-06	1.0E-03	9.3E-09	1.6E-01	5.5E-01	8.0E-10
3.2E+00	8.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10	3.2E+00	2.5E-06	1.0E-03	8.5E-09	1.6E-01	5.5E-01	7.3E-10
1.4E+01	8.0E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	5.2E+00	2.5E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09
1.7E+01	8.0E-07	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.8E+00	2.5E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09
2.1E+01	8.0E-07	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09	6.4E+00	2.5E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.4E-09
2.5E+01	8.0E-07	1.0E-03	2.1E-08	1.6E-01	5.5E-01	1.8E-09	7.1E+00	2.5E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.6E-09
2.8E+01	8.0E-07	1.0E-03	2.3E-08	1.6E-01	5.5E-01	2.0E-09	7.8E+00	2.5E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-01	1.8E-09
7.6E+00	8.0E-07	1.0E-03	6.3E-09	1.6E-01	5.5E-01	5.4E-10	6.4E+00	2.5E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.4E-09
6.8E+00	8.0E-07	1.0E-03	5.6E-09	1.6E-01	5.5E-01	4.8E-10	5.9E+00	2.5E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.3E-09
6.0E+00	8.0E-07	1.0E-03	5.0E-09	1.6E-01	5.5E-01	4.3E-10	5.4E+00	2.5E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09
5.4E+00	8.0E-07	1.0E-03	4.5E-09	1.6E-01	5.5E-01	3.9E-10	5.0E+00	2.5E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09
4.9E+00	8.0E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-01	3.5E-10	4.6E+00	2.5E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09
4.4E+00	8.0E-07	1.0E-03	3.7E-09	1.6E-01	5.5E-01	3.1E-10	4.2E+00	2.5E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.5E-10
4.0E+00	8.0E-07	1.0E-03	3.3E-09	1.6E-01	5.5E-01	2.9E-10	3.9E+00	2.5E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.8E-10
3.7E+00	8.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	3.6E+00	2.5E-06	1.0E-03	9.4E-09	1.6E-01	5.5E-01	8.1E-10
3.3E+00	8.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10	3.3E+00	2.5E-06	1.0E-03	8.7E-09	1.6E-01	5.5E-01	7.5E-10
3.0E+00	8.0E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.2E-10	3.0E+00	2.5E-06	1.0E-03	8.0E-09	1.6E-01	5.5E-01	6.9E-10
1.2E+01	8.0E-07	1.0E-03	9.6E-09	1.6E-01	5.5E-01	8.3E-10	4.6E+00	2.5E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09
1.4E+01	8.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.8E-10	5.1E+00	2.5E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09
1.6E+01	8.0E-07	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.2E-09	5.6E+00	2.5E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09
1.8E+01	8.0E-07	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	6.1E+00	2.5E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.4E-09

2.0E+01	8.0E-07	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.4E-09	6.6E+00	2.5E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09
6.9E+00	8.0E-07	1.0E-03	5.7E-09	1.6E-01	5.5E-01	4.9E-10	5.7E+00	2.5E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09
6.2E+00	8.0E-07	1.0E-03	5.1E-09	1.6E-01	5.5E-01	4.4E-10	5.3E+00	2.5E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09
5.5E+00	8.0E-07	1.0E-03	4.6E-09	1.6E-01	5.5E-01	4.0E-10	4.9E+00	2.5E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09
5.0E+00	8.0E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-01	3.6E-10	4.6E+00	2.5E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09
4.5E+00	8.0E-07	1.0E-03	3.7E-09	1.6E-01	5.5E-01	3.2E-10	4.2E+00	2.5E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.4E-10
4.0E+00	8.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-01	2.9E-10	3.8E+00	2.5E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.7E-10
3.7E+00	8.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.6E-10	3.6E+00	2.5E-06	1.0E-03	9.4E-09	1.6E-01	5.5E-01	8.1E-10
3.4E+00	8.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10	3.3E+00	2.5E-06	1.0E-03	8.7E-09	1.6E-01	5.5E-01	7.5E-10
3.1E+00	8.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.2E-10	3.1E+00	2.5E-06	1.0E-03	8.1E-09	1.6E-01	5.5E-01	6.9E-10
2.9E+00	8.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.0E-10	2.8E+00	2.5E-06	1.0E-03	7.5E-09	1.6E-01	5.5E-01	6.4E-10
9.6E+00	8.0E-07	1.0E-03	8.0E-09	1.6E-01	5.5E-01	6.9E-10	4.1E+00	2.5E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.2E-10
1.1E+01	8.0E-07	1.0E-03	9.3E-09	1.6E-01	5.5E-01	8.0E-10	4.5E+00	2.5E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09
1.3E+01	8.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.1E-10	4.9E+00	2.5E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09
1.4E+01	8.0E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	5.3E+00	2.5E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09
1.5E+01	8.0E-07	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	5.7E+00	2.5E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09
5.7E+00	8.0E-07	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.1E-10	4.9E+00	2.5E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09
5.1E+00	8.0E-07	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10	4.5E+00	2.5E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09
4.6E+00	8.0E-07	1.0E-03	3.8E-09	1.6E-01	5.5E-01	3.3E-10	4.2E+00	2.5E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.5E-10
4.1E+00	8.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-01	2.9E-10	3.8E+00	2.5E-06	1.0E-03	9.9E-09	1.6E-01	5.5E-01	8.5E-10
3.7E+00	8.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.6E-10	3.5E+00	2.5E-06	1.0E-03	9.1E-09	1.6E-01	5.5E-01	7.9E-10
3.4E+00	8.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10	3.2E+00	2.5E-06	1.0E-03	8.5E-09	1.6E-01	5.5E-01	7.3E-10
3.1E+00	8.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.2E-10	3.0E+00	2.5E-06	1.0E-03	7.9E-09	1.6E-01	5.5E-01	6.8E-10
2.9E+00	8.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.0E-10	2.8E+00	2.5E-06	1.0E-03	7.4E-09	1.6E-01	5.5E-01	6.3E-10
2.7E+00	8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	2.6E+00	2.5E-06	1.0E-03	6.9E-09	1.6E-01	5.5E-01	6.0E-10
8.2E+00	8.0E-07	1.0E-03	6.8E-09	1.6E-01	5.5E-01	5.8E-10	3.7E+00	2.5E-06	1.0E-03	9.7E-09	1.6E-01	5.5E-01	8.3E-10
9.3E+00	8.0E-07	1.0E-03	7.7E-09	1.6E-01	5.5E-01	6.6E-10	4.0E+00	2.5E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.1E-10
1.0E+01	8.0E-07	1.0E-03	8.6E-09	1.6E-01	5.5E-01	7.4E-10	4.3E+00	2.5E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.8E-10
1.1E+01	8.0E-07	1.0E-03	9.3E-09	1.6E-01	5.5E-01	8.0E-10	4.7E+00	2.5E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.1E-09
1.2E+01	8.0E-07	1.0E-03	9.9E-09	1.6E-01	5.5E-01	8.5E-10	5.0E+00	2.5E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09
4.8E+00	8.0E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-01	3.4E-10	4.2E+00	2.5E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.4E-10
4.3E+00	8.0E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-01	3.1E-10	3.9E+00	2.5E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.8E-10
3.9E+00	8.0E-07	1.0E-03	3.2E-09	1.6E-01	5.5E-01	2.8E-10	3.6E+00	2.5E-06	1.0E-03	9.4E-09	1.6E-01	5.5E-01	8.1E-10
3.6E+00	8.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	3.3E+00	2.5E-06	1.0E-03	8.8E-09	1.6E-01	5.5E-01	7.6E-10
3.3E+00	8.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10	3.1E+00	2.5E-06	1.0E-03	8.2E-09	1.6E-01	5.5E-01	7.0E-10
3.0E+00	8.0E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.1E-10	2.9E+00	2.5E-06	1.0E-03	7.5E-09	1.6E-01	5.5E-01	6.5E-10
2.7E+00	8.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	2.7E+00	2.5E-06	1.0E-03	7.0E-09	1.6E-01	5.5E-01	6.0E-10
2.5E+00	8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	2.5E+00	2.5E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-01	5.6E-10
7.0E+00	8.0E-07	1.0E-03	5.8E-09	1.6E-01	5.5E-01	5.0E-10	3.3E+00	2.5E-06	1.0E-03	8.7E-09	1.6E-01	5.5E-01	7.5E-10
7.8E+00	8.0E-07	1.0E-03	6.5E-09	1.6E-01	5.5E-01	5.6E-10	3.6E+00	2.5E-06	1.0E-03	9.5E-09	1.6E-01	5.5E-01	8.1E-10
8.5E+00	8.0E-07	1.0E-03	7.1E-09	1.6E-01	5.5E-01	6.1E-10	3.9E+00	2.5E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.8E-10
9.1E+00	8.0E-07	1.0E-03	7.6E-09	1.6E-01	5.5E-01	6.6E-10	4.1E+00	2.5E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.4E-10
9.7E+00	8.0E-07	1.0E-03	8.0E-09	1.6E-01	5.5E-01	6.9E-10	4.4E+00	2.5E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	9.9E-10
4.1E+00	8.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-01	2.9E-10	3.6E+00	2.5E-06	1.0E-03	9.5E-09	1.6E-01	5.5E-01	8.2E-10
3.8E+00	8.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.7E-10	3.4E+00	2.5E-06	1.0E-03	9.0E-09	1.6E-01	5.5E-01	7.7E-10
3.5E+00	8.0E-07	1.0E-03	2.9E-09	1.6E-01	5.5E-01	2.5E-10	3.2E+00	2.5E-06	1.0E-03	8.5E-09	1.6E-01	5.5E-01	7.3E-10

3.2E+00	8.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.3E-10	3.0E+00	2.5E-06	1.0E-03	7.9E-09	1.6E-01	5.5E-01	6.8E-10
2.9E+00	8.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.1E-10	2.8E+00	2.5E-06	1.0E-03	7.4E-09	1.6E-01	5.5E-01	6.3E-10
2.7E+00	8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	2.6E+00	2.5E-06	1.0E-03	6.8E-09	1.6E-01	5.5E-01	5.9E-10
2.4E+00	8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10	2.4E+00	2.5E-06	1.0E-03	6.3E-09	1.6E-01	5.5E-01	5.4E-10
6.0E+00	8.0E-07	1.0E-03	5.0E-09	1.6E-01	5.5E-01	4.3E-10	3.0E+00	2.5E-06	1.0E-03	7.9E-09	1.6E-01	5.5E-01	6.8E-10
6.6E+00	8.0E-07	1.0E-03	5.5E-09	1.6E-01	5.5E-01	4.7E-10	3.3E+00	2.5E-06	1.0E-03	8.5E-09	1.6E-01	5.5E-01	7.4E-10
7.1E+00	8.0E-07	1.0E-03	5.9E-09	1.6E-01	5.5E-01	5.1E-10	3.5E+00	2.5E-06	1.0E-03	9.1E-09	1.6E-01	5.5E-01	7.9E-10
7.6E+00	8.0E-07	1.0E-03	6.3E-09	1.6E-01	5.5E-01	5.5E-10	3.7E+00	2.5E-06	1.0E-03	9.7E-09	1.6E-01	5.5E-01	8.4E-10
8.0E+00	8.0E-07	1.0E-03	6.7E-09	1.6E-01	5.5E-01	5.7E-10	3.9E+00	2.5E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.8E-10
3.5E+00	8.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.5E-10	3.2E+00	2.5E-06	1.0E-03	8.4E-09	1.6E-01	5.5E-01	7.2E-10
3.3E+00	8.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.4E-10	3.0E+00	2.5E-06	1.0E-03	7.9E-09	1.6E-01	5.5E-01	6.8E-10
3.0E+00	8.0E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.2E-10	2.8E+00	2.5E-06	1.0E-03	7.4E-09	1.6E-01	5.5E-01	6.4E-10
2.8E+00	8.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	2.7E+00	2.5E-06	1.0E-03	7.0E-09	1.6E-01	5.5E-01	6.0E-10
2.6E+00	8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	2.5E+00	2.5E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-01	5.6E-10
2.4E+00	8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10	2.3E+00	2.5E-06	1.0E-03	6.1E-09	1.6E-01	5.5E-01	5.2E-10
5.2E+00	8.0E-07	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10	2.7E+00	2.5E-06	1.0E-03	7.2E-09	1.6E-01	5.5E-01	6.2E-10
5.7E+00	8.0E-07	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.1E-10	2.9E+00	2.5E-06	1.0E-03	7.7E-09	1.6E-01	5.5E-01	6.7E-10
6.1E+00	8.0E-07	1.0E-03	5.1E-09	1.6E-01	5.5E-01	4.4E-10	3.1E+00	2.5E-06	1.0E-03	8.2E-09	1.6E-01	5.5E-01	7.1E-10
6.5E+00	8.0E-07	1.0E-03	5.4E-09	1.6E-01	5.5E-01	4.6E-10	3.3E+00	2.5E-06	1.0E-03	8.7E-09	1.6E-01	5.5E-01	7.5E-10
6.8E+00	8.0E-07	1.0E-03	5.6E-09	1.6E-01	5.5E-01	4.8E-10	3.5E+00	2.5E-06	1.0E-03	9.2E-09	1.6E-01	5.5E-01	7.9E-10
3.3E+00	8.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10	3.0E+00	2.5E-06	1.0E-03	7.8E-09	1.6E-01	5.5E-01	6.7E-10
3.1E+00	8.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.2E-10	2.8E+00	2.5E-06	1.0E-03	7.4E-09	1.6E-01	5.5E-01	6.4E-10
2.9E+00	8.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.1E-10	2.7E+00	2.5E-06	1.0E-03	7.0E-09	1.6E-01	5.5E-01	6.0E-10
2.7E+00	8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	2.5E+00	2.5E-06	1.0E-03	6.6E-09	1.6E-01	5.5E-01	5.7E-10
2.5E+00	8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	2.4E+00	2.5E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-01	5.3E-10
2.3E+00	8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.6E-10	2.2E+00	2.5E-06	1.0E-03	5.8E-09	1.6E-01	5.5E-01	5.0E-10
4.6E+00	8.0E-07	1.0E-03	3.8E-09	1.6E-01	5.5E-01	3.3E-10	2.5E+00	2.5E-06	1.0E-03	6.6E-09	1.6E-01	5.5E-01	5.7E-10
4.9E+00	8.0E-07	1.0E-03	4.1E-09	1.6E-01	5.5E-01	3.5E-10	2.7E+00	2.5E-06	1.0E-03	7.0E-09	1.6E-01	5.5E-01	6.1E-10
5.3E+00	8.0E-07	1.0E-03	4.4E-09	1.6E-01	5.5E-01	3.8E-10	2.8E+00	2.5E-06	1.0E-03	7.5E-09	1.6E-01	5.5E-01	6.4E-10
5.6E+00	8.0E-07	1.0E-03	4.6E-09	1.6E-01	5.5E-01	4.0E-10	3.0E+00	2.5E-06	1.0E-03	7.9E-09	1.6E-01	5.5E-01	6.8E-10
5.8E+00	8.0E-07	1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.2E-10	3.1E+00	2.5E-06	1.0E-03	8.2E-09	1.6E-01	5.5E-01	7.1E-10
3.1E+00	8.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.3E-10	2.8E+00	2.5E-06	1.0E-03	7.3E-09	1.6E-01	5.5E-01	6.3E-10
2.9E+00	8.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.1E-10	2.6E+00	2.5E-06	1.0E-03	6.9E-09	1.6E-01	5.5E-01	6.0E-10
2.7E+00	8.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	2.5E+00	2.5E-06	1.0E-03	6.6E-09	1.6E-01	5.5E-01	5.7E-10
2.5E+00	8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	2.4E+00	2.5E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-01	5.4E-10
2.4E+00	8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10	2.2E+00	2.5E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-01	5.1E-10
2.2E+00	8.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.6E-10	2.1E+00	2.5E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-01	4.8E-10
4.1E+00	8.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-01	2.9E-10	2.3E+00	2.5E-06	1.0E-03	6.1E-09	1.6E-01	5.5E-01	5.2E-10
4.3E+00	8.0E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-01	3.1E-10	2.4E+00	2.5E-06	1.0E-03	6.4E-09	1.6E-01	5.5E-01	5.5E-10
4.6E+00	8.0E-07	1.0E-03	3.8E-09	1.6E-01	5.5E-01	3.3E-10	2.6E+00	2.5E-06	1.0E-03	6.8E-09	1.6E-01	5.5E-01	5.8E-10
4.8E+00	8.0E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-01	3.5E-10	2.7E+00	2.5E-06	1.0E-03	7.1E-09	1.6E-01	5.5E-01	6.1E-10
5.0E+00	8.0E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-01	3.6E-10	2.8E+00	2.5E-06	1.0E-03	7.5E-09	1.6E-01	5.5E-01	6.4E-10
3.0E+00	8.0E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.1E-10	2.6E+00	2.5E-06	1.0E-03	6.8E-09	1.6E-01	5.5E-01	5.9E-10
2.8E+00	8.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	2.5E+00	2.5E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-01	5.6E-10
2.6E+00	8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	2.4E+00	2.5E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-01	5.3E-10
2.4E+00	8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10	2.2E+00	2.5E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-01	5.1E-10

2.3E+00	8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.6E-10	2.1E+00	2.5E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-01	4.8E-10
2.1E+00	8.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.5E-10	2.0E+00	2.5E-06	1.0E-03	5.3E-09	1.6E-01	5.5E-01	4.6E-10
3.6E+00	8.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	2.1E+00	2.5E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-01	4.8E-10
3.8E+00	8.0E-07	1.0E-03	3.2E-09	1.6E-01	5.5E-01	2.8E-10	2.2E+00	2.5E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-01	5.1E-10
4.1E+00	8.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-01	2.9E-10	2.4E+00	2.5E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-01	5.3E-10
4.3E+00	8.0E-07	1.0E-03	3.5E-09	1.6E-01	5.5E-01	3.0E-10	2.5E+00	2.5E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-01	5.6E-10
4.4E+00	8.0E-07	1.0E-03	3.7E-09	1.6E-01	5.5E-01	3.2E-10	2.6E+00	2.5E-06	1.0E-03	6.8E-09	1.6E-01	5.5E-01	5.8E-10
2.8E+00	8.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	2.4E+00	2.5E-06	1.0E-03	6.4E-09	1.6E-01	5.5E-01	5.5E-10
2.6E+00	8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	2.3E+00	2.5E-06	1.0E-03	6.1E-09	1.6E-01	5.5E-01	5.3E-10
2.5E+00	8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.8E-10	2.2E+00	2.5E-06	1.0E-03	5.8E-09	1.6E-01	5.5E-01	5.0E-10
2.3E+00	8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.7E-10	2.1E+00	2.5E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-01	4.8E-10
2.2E+00	8.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.6E-10	2.0E+00	2.5E-06	1.0E-03	5.3E-09	1.6E-01	5.5E-01	4.6E-10
2.0E+00	8.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10	1.9E+00	2.5E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-01	4.3E-10
3.2E+00	8.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10	2.0E+00	2.5E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.4E-10
3.4E+00	8.0E-07	1.0E-03	2.9E-09	1.6E-01	5.5E-01	2.5E-10	2.1E+00	2.5E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-01	4.7E-10
3.6E+00	8.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	2.2E+00	2.5E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-01	4.9E-10
3.8E+00	8.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.7E-10	2.3E+00	2.5E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-01	5.1E-10
3.9E+00	8.0E-07	1.0E-03	3.3E-09	1.6E-01	5.5E-01	2.8E-10	2.4E+00	2.5E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-01	5.3E-10
4.0E+00	8.0E-07	1.0E-03	3.3E-09	1.6E-01	5.5E-01	2.9E-10	2.4E+00	2.5E-06	1.0E-03	6.4E-09	1.6E-01	5.5E-01	5.5E-10
4.1E+00	8.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-01	2.9E-10	2.5E+00	2.5E-06	1.0E-03	6.6E-09	1.6E-01	5.5E-01	5.7E-10
4.1E+00	8.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-01	3.0E-10	2.6E+00	2.5E-06	1.0E-03	6.8E-09	1.6E-01	5.5E-01	5.8E-10
4.1E+00	8.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-01	3.0E-10	2.6E+00	2.5E-06	1.0E-03	6.9E-09	1.6E-01	5.5E-01	6.0E-10
4.1E+00	8.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-01	2.9E-10	2.7E+00	2.5E-06	1.0E-03	7.0E-09	1.6E-01	5.5E-01	6.0E-10
4.0E+00	8.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-01	2.9E-10	2.7E+00	2.5E-06	1.0E-03	7.1E-09	1.6E-01	5.5E-01	6.1E-10
3.9E+00	8.0E-07	1.0E-03	3.3E-09	1.6E-01	5.5E-01	2.8E-10	2.7E+00	2.5E-06	1.0E-03	7.1E-09	1.6E-01	5.5E-01	6.1E-10
3.8E+00	8.0E-07	1.0E-03	3.2E-09	1.6E-01	5.5E-01	2.7E-10	2.7E+00	2.5E-06	1.0E-03	7.1E-09	1.6E-01	5.5E-01	6.1E-10
3.7E+00	8.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.7E-10	2.7E+00	2.5E-06	1.0E-03	7.1E-09	1.6E-01	5.5E-01	6.1E-10
3.6E+00	8.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	2.7E+00	2.5E-06	1.0E-03	7.0E-09	1.6E-01	5.5E-01	6.0E-10
3.4E+00	8.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10	2.6E+00	2.5E-06	1.0E-03	6.9E-09	1.6E-01	5.5E-01	5.9E-10
3.3E+00	8.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10	2.6E+00	2.5E-06	1.0E-03	6.7E-09	1.6E-01	5.5E-01	5.8E-10
3.1E+00	8.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.2E-10	2.5E+00	2.5E-06	1.0E-03	6.6E-09	1.6E-01	5.5E-01	5.6E-10
2.9E+00	8.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.1E-10	2.4E+00	2.5E-06	1.0E-03	6.4E-09	1.6E-01	5.5E-01	5.5E-10
2.8E+00	8.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	2.3E+00	2.5E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-01	5.3E-10
2.6E+00	8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	2.3E+00	2.5E-06	1.0E-03	6.0E-09	1.6E-01	5.5E-01	5.1E-10
2.5E+00	8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	2.2E+00	2.5E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-01	4.9E-10
2.3E+00	8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.7E-10	2.1E+00	2.5E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-01	4.7E-10
2.2E+00	8.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.6E-10	2.0E+00	2.5E-06	1.0E-03	5.3E-09	1.6E-01	5.5E-01	4.5E-10
2.1E+00	8.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10	1.9E+00	2.5E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-01	4.3E-10
1.9E+00	8.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.4E-10	1.8E+00	2.5E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.1E-10
2.9E+00	8.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.1E-10	1.8E+00	2.5E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.1E-10
3.1E+00	8.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.2E-10	1.9E+00	2.5E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-01	4.3E-10
3.2E+00	8.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10	2.0E+00	2.5E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10
3.4E+00	8.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10	2.1E+00	2.5E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-01	4.7E-10
3.5E+00	8.0E-07	1.0E-03	2.9E-09	1.6E-01	5.5E-01	2.5E-10	2.2E+00	2.5E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-01	4.9E-10
3.6E+00	8.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	2.2E+00	2.5E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-01	5.1E-10
3.7E+00	8.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	2.3E+00	2.5E-06	1.0E-03	6.1E-09	1.6E-01	5.5E-01	5.2E-10

3.7E+00	8.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.6E-10	2.4E+00	2.5E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-01	5.3E-10
3.7E+00	8.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.7E-10	2.4E+00	2.5E-06	1.0E-03	6.3E-09	1.6E-01	5.5E-01	5.5E-10
3.7E+00	8.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.6E-10	2.4E+00	2.5E-06	1.0E-03	6.4E-09	1.6E-01	5.5E-01	5.5E-10
3.6E+00	8.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	2.5E+00	2.5E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-01	5.6E-10
3.6E+00	8.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	2.5E+00	2.5E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-01	5.6E-10
3.5E+00	8.0E-07	1.0E-03	2.9E-09	1.6E-01	5.5E-01	2.5E-10	2.5E+00	2.5E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-01	5.6E-10
3.4E+00	8.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10	2.5E+00	2.5E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-01	5.6E-10
3.3E+00	8.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10	2.4E+00	2.5E-06	1.0E-03	6.4E-09	1.6E-01	5.5E-01	5.5E-10
3.1E+00	8.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.3E-10	2.4E+00	2.5E-06	1.0E-03	6.3E-09	1.6E-01	5.5E-01	5.5E-10
3.0E+00	8.0E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.2E-10	2.4E+00	2.5E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-01	5.4E-10
2.9E+00	8.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.1E-10	2.3E+00	2.5E-06	1.0E-03	6.1E-09	1.6E-01	5.5E-01	5.2E-10
2.7E+00	8.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	2.3E+00	2.5E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-01	5.1E-10
2.6E+00	8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	2.2E+00	2.5E-06	1.0E-03	5.8E-09	1.6E-01	5.5E-01	5.0E-10
2.5E+00	8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	2.1E+00	2.5E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-01	4.8E-10
2.3E+00	8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.7E-10	2.0E+00	2.5E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-01	4.6E-10
2.2E+00	8.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.6E-10	2.0E+00	2.5E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10
2.1E+00	8.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10	1.9E+00	2.5E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-01	4.3E-10
2.0E+00	8.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.4E-10	1.8E+00	2.5E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.1E-10
1.9E+00	8.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.3E-10	1.7E+00	2.5E-06	1.0E-03	4.6E-09	1.6E-01	5.5E-01	3.9E-10
2.7E+00	8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	1.7E+00	2.5E-06	1.0E-03	4.4E-09	1.6E-01	5.5E-01	3.8E-10
2.8E+00	8.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	1.8E+00	2.5E-06	1.0E-03	4.6E-09	1.6E-01	5.5E-01	4.0E-10
2.9E+00	8.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.1E-10	1.8E+00	2.5E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.2E-10
3.0E+00	8.0E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.2E-10	1.9E+00	2.5E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-01	4.3E-10
3.1E+00	8.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.2E-10	2.0E+00	2.5E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10
3.2E+00	8.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10	2.1E+00	2.5E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-01	4.7E-10
3.3E+00	8.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.4E-10	2.1E+00	2.5E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-01	4.8E-10
3.3E+00	8.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10	2.2E+00	2.5E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-01	4.9E-10
3.3E+00	8.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10	2.2E+00	2.5E-06	1.0E-03	5.8E-09	1.6E-01	5.5E-01	5.0E-10
3.3E+00	8.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10	2.2E+00	2.5E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-01	5.1E-10
3.3E+00	8.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.4E-10	2.3E+00	2.5E-06	1.0E-03	6.0E-09	1.6E-01	5.5E-01	5.1E-10
3.3E+00	8.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10	2.3E+00	2.5E-06	1.0E-03	6.0E-09	1.6E-01	5.5E-01	5.2E-10
3.2E+00	8.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.3E-10	2.3E+00	2.5E-06	1.0E-03	6.0E-09	1.6E-01	5.5E-01	5.2E-10
3.1E+00	8.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.2E-10	2.3E+00	2.5E-06	1.0E-03	6.0E-09	1.6E-01	5.5E-01	5.1E-10
3.0E+00	8.0E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.2E-10	2.3E+00	2.5E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-01	5.1E-10
2.9E+00	8.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.1E-10	2.2E+00	2.5E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-01	5.1E-10
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2.7E+00	8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	2.2E+00	2.5E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-01	4.9E-10
2.6E+00	8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	2.1E+00	2.5E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-01	4.8E-10
2.4E+00	8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10	2.0E+00	2.5E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-01	4.6E-10
2.3E+00	8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.7E-10	2.0E+00	2.5E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10
2.2E+00	8.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.6E-10	1.9E+00	2.5E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-01	4.4E-10
2.1E+00	8.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10	1.9E+00	2.5E-06	1.0E-03	4.9E-09	1.6E-01	5.5E-01	4.2E-10
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1.9E+00	8.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.3E-10	1.7E+00	2.5E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-01	3.9E-10
1.8E+00	8.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10	1.7E+00	2.5E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10
2.4E+00	8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10	1.6E+00	2.5E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-01	3.5E-10

2.5E+00	8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	1.6E+00	2.5E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10
2.6E+00	8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	1.7E+00	2.5E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-01	3.9E-10
2.7E+00	8.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	1.8E+00	2.5E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.0E-10
2.8E+00	8.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.0E-10	1.8E+00	2.5E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.2E-10
2.9E+00	8.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.1E-10	1.9E+00	2.5E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-01	4.3E-10
3.0E+00	8.0E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.1E-10	2.0E+00	2.5E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-01	4.4E-10
3.0E+00	8.0E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.2E-10	2.0E+00	2.5E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10
3.0E+00	8.0E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.2E-10	2.0E+00	2.5E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-01	4.6E-10
3.0E+00	8.0E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.2E-10	2.1E+00	2.5E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-01	4.7E-10
3.0E+00	8.0E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.2E-10	2.1E+00	2.5E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-01	4.7E-10
3.0E+00	8.0E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.1E-10	2.1E+00	2.5E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-01	4.8E-10
2.9E+00	8.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.1E-10	2.1E+00	2.5E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-01	4.8E-10
2.9E+00	8.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.0E-10	2.1E+00	2.5E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-01	4.8E-10
2.8E+00	8.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	2.1E+00	2.5E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-01	4.7E-10
2.7E+00	8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	2.1E+00	2.5E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-01	4.7E-10
2.6E+00	8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	2.0E+00	2.5E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-01	4.6E-10
2.5E+00	8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	2.0E+00	2.5E-06	1.0E-03	5.3E-09	1.6E-01	5.5E-01	4.5E-10
2.4E+00	8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10	2.0E+00	2.5E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.4E-10
2.3E+00	8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.6E-10	1.9E+00	2.5E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-01	4.3E-10
2.2E+00	8.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.6E-10	1.9E+00	2.5E-06	1.0E-03	4.9E-09	1.6E-01	5.5E-01	4.2E-10
2.1E+00	8.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10	1.8E+00	2.5E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.1E-10
2.0E+00	8.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.4E-10	1.8E+00	2.5E-06	1.0E-03	4.6E-09	1.6E-01	5.5E-01	4.0E-10
1.9E+00	8.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.4E-10	1.7E+00	2.5E-06	1.0E-03	4.4E-09	1.6E-01	5.5E-01	3.8E-10
1.8E+00	8.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10	1.6E+00	2.5E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10
1.7E+00	8.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-01	1.2E-10	1.6E+00	2.5E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-01	3.6E-10
2.2E+00	8.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.6E-10	1.5E+00	2.5E-06	1.0E-03	3.8E-09	1.6E-01	5.5E-01	3.3E-10
2.3E+00	8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.7E-10	1.5E+00	2.5E-06	1.0E-03	4.0E-09	1.6E-01	5.5E-01	3.5E-10
2.4E+00	8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10	1.6E+00	2.5E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-01	3.6E-10
2.5E+00	8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	1.6E+00	2.5E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10
2.6E+00	8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	1.7E+00	2.5E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-01	3.9E-10
2.6E+00	8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	1.8E+00	2.5E-06	1.0E-03	4.6E-09	1.6E-01	5.5E-01	4.0E-10
2.7E+00	8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	1.8E+00	2.5E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.1E-10
2.7E+00	8.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	1.8E+00	2.5E-06	1.0E-03	4.9E-09	1.6E-01	5.5E-01	4.2E-10
2.8E+00	8.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	1.9E+00	2.5E-06	1.0E-03	4.9E-09	1.6E-01	5.5E-01	4.3E-10
2.8E+00	8.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	1.9E+00	2.5E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-01	4.3E-10
2.7E+00	8.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	1.9E+00	2.5E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-01	4.4E-10
2.7E+00	8.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-01	1.9E-10	1.9E+00	2.5E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-01	4.4E-10
2.7E+00	8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	2.0E+00	2.5E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-01	4.4E-10
2.6E+00	8.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	2.0E+00	2.5E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-01	4.4E-10
2.6E+00	8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	1.9E+00	2.5E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-01	4.4E-10
2.5E+00	8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	1.9E+00	2.5E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-01	4.4E-10
2.4E+00	8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10	1.9E+00	2.5E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-01	4.3E-10
2.3E+00	8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.7E-10	1.9E+00	2.5E-06	1.0E-03	4.9E-09	1.6E-01	5.5E-01	4.2E-10
2.2E+00	8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.6E-10	1.8E+00	2.5E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.2E-10
2.2E+00	8.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.5E-10	1.8E+00	2.5E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.1E-10
2.1E+00	8.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10	1.8E+00	2.5E-06	1.0E-03	4.6E-09	1.6E-01	5.5E-01	4.0E-10

2.0E+00	8.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.4E-10	1.7E+00	2.5E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-01	3.9E-10
1.9E+00	8.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.4E-10	1.7E+00	2.5E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10
1.8E+00	8.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10	1.6E+00	2.5E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-01	3.6E-10
1.7E+00	8.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-01	1.2E-10	1.6E+00	2.5E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-01	3.5E-10
1.6E+00	8.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-01	1.2E-10	1.5E+00	2.5E-06	1.0E-03	3.9E-09	1.6E-01	5.5E-01	3.4E-10
2.0E+00	8.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10	1.4E+00	2.5E-06	1.0E-03	3.6E-09	1.6E-01	5.5E-01	3.1E-10
2.1E+00	8.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.5E-10	1.4E+00	2.5E-06	1.0E-03	3.7E-09	1.6E-01	5.5E-01	3.2E-10
2.2E+00	8.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.6E-10	1.5E+00	2.5E-06	1.0E-03	3.9E-09	1.6E-01	5.5E-01	3.4E-10
2.3E+00	8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.6E-10	1.5E+00	2.5E-06	1.0E-03	4.0E-09	1.6E-01	5.5E-01	3.5E-10
2.4E+00	8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10	1.6E+00	2.5E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-01	3.6E-10
2.4E+00	8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10	1.6E+00	2.5E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10
2.5E+00	8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.8E-10	1.7E+00	2.5E-06	1.0E-03	4.4E-09	1.6E-01	5.5E-01	3.8E-10
2.5E+00	8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	1.7E+00	2.5E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-01	3.9E-10
2.5E+00	8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	1.7E+00	2.5E-06	1.0E-03	4.6E-09	1.6E-01	5.5E-01	3.9E-10
2.5E+00	8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	1.8E+00	2.5E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.0E-10
2.5E+00	8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	1.8E+00	2.5E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.1E-10
2.5E+00	8.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	1.8E+00	2.5E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.1E-10
2.5E+00	8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.8E-10	1.8E+00	2.5E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.1E-10
2.4E+00	8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10	1.8E+00	2.5E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.1E-10
2.4E+00	8.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10	1.8E+00	2.5E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.1E-10
2.3E+00	8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.7E-10	1.8E+00	2.5E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.1E-10
2.3E+00	8.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.6E-10	1.8E+00	2.5E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.0E-10
2.2E+00	8.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.6E-10	1.8E+00	2.5E-06	1.0E-03	4.6E-09	1.6E-01	5.5E-01	4.0E-10
2.1E+00	8.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.5E-10	1.7E+00	2.5E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-01	3.9E-10
2.0E+00	8.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10	1.7E+00	2.5E-06	1.0E-03	4.4E-09	1.6E-01	5.5E-01	3.8E-10
1.9E+00	8.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.4E-10	1.6E+00	2.5E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10
1.9E+00	8.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.3E-10	1.6E+00	2.5E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-01	3.6E-10
1.8E+00	8.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10	1.6E+00	2.5E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-01	3.5E-10
1.7E+00	8.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-01	1.2E-10	1.5E+00	2.5E-06	1.0E-03	4.0E-09	1.6E-01	5.5E-01	3.4E-10
1.6E+00	8.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-01	1.2E-10	1.5E+00	2.5E-06	1.0E-03	3.9E-09	1.6E-01	5.5E-01	3.3E-10
1.6E+00	8.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10	1.4E+00	2.5E-06	1.0E-03	3.7E-09	1.6E-01	5.5E-01	3.2E-10

Franklin School Project

Risk From New Building Const - Mitigated Residential

Haul Route 1A							Haul Route 2A						
Conc	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
3.4E-01	5.2E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.6E-10	3.9E+00	5.5E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-01	1.9E-10
3.9E-01	5.2E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	4.4E+00	5.5E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.2E-10
4.5E-01	5.2E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.1E-10	4.7E+00	5.5E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10
5.2E-01	5.2E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10	4.8E+00	5.5E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10
5.8E-01	5.2E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.7E-10	4.8E+00	5.5E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10
6.5E-01	5.2E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-01	3.0E-10	4.7E+00	5.5E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10
7.1E-01	5.2E-06	1.0E-03	3.8E-09	1.6E-01	5.5E-01	3.3E-10	4.3E+00	5.5E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.1E-10
7.7E-01	5.2E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-01	3.6E-10	3.6E+00	5.5E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10
8.4E-01	5.2E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-01	3.9E-10	2.8E+00	5.5E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-01	1.4E-10
9.2E-01	5.2E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-01	4.3E-10	2.2E+00	5.5E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10
9.9E-01	5.2E-06	1.0E-03	5.3E-09	1.6E-01	5.5E-01	4.6E-10	1.6E+00	5.5E-07	1.0E-03	9.5E-10	1.6E-01	5.5E-01	8.2E-11
1.0E+00	5.2E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-01	4.8E-10	1.3E+00	5.5E-07	1.0E-03	7.4E-10	1.6E-01	5.5E-01	6.3E-11
1.0E+00	5.2E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-01	4.8E-10	1.0E+00	5.5E-07	1.0E-03	5.8E-10	1.6E-01	5.5E-01	5.0E-11
1.0E+00	5.2E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-01	4.7E-10	8.0E-01	5.5E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-01	4.0E-11
9.5E-01	5.2E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-01	4.4E-10	6.5E-01	5.5E-07	1.0E-03	3.8E-10	1.6E-01	5.5E-01	3.3E-11
8.8E-01	5.2E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.1E-10	5.4E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.7E-11
3.9E-01	5.2E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	8.3E+00	5.5E-07	1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.1E-10
4.7E-01	5.2E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.2E-10	8.9E+00	5.5E-07	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10
5.5E-01	5.2E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	9.3E+00	5.5E-07	1.0E-03	5.4E-09	1.6E-01	5.5E-01	4.6E-10
6.5E-01	5.2E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-01	3.0E-10	9.5E+00	5.5E-07	1.0E-03	5.5E-09	1.6E-01	5.5E-01	4.7E-10
7.6E-01	5.2E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-01	3.5E-10	9.4E+00	5.5E-07	1.0E-03	5.5E-09	1.6E-01	5.5E-01	4.7E-10
8.7E-01	5.2E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.0E-10	9.0E+00	5.5E-07	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10
9.7E-01	5.2E-06	1.0E-03	5.3E-09	1.6E-01	5.5E-01	4.5E-10	7.7E+00	5.5E-07	1.0E-03	4.5E-09	1.6E-01	5.5E-01	3.9E-10
1.1E+00	5.2E-06	1.0E-03	5.8E-09	1.6E-01	5.5E-01	5.0E-10	5.3E+00	5.5E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.6E-10
1.2E+00	5.2E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-01	5.6E-10	3.4E+00	5.5E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10
1.3E+00	5.2E-06	1.0E-03	7.2E-09	1.6E-01	5.5E-01	6.2E-10	2.3E+00	5.5E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-01	1.2E-10
1.4E+00	5.2E-06	1.0E-03	7.6E-09	1.6E-01	5.5E-01	6.6E-10	1.7E+00	5.5E-07	1.0E-03	9.6E-10	1.6E-01	5.5E-01	8.3E-11
1.4E+00	5.2E-06	1.0E-03	7.7E-09	1.6E-01	5.5E-01	6.7E-10	1.2E+00	5.5E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-01	6.1E-11
1.4E+00	5.2E-06	1.0E-03	7.4E-09	1.6E-01	5.5E-01	6.4E-10	9.4E-01	5.5E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-01	4.7E-11
1.3E+00	5.2E-06	1.0E-03	6.9E-09	1.6E-01	5.5E-01	5.9E-10	7.5E-01	5.5E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-01	3.7E-11
1.2E+00	5.2E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-01	5.3E-10	6.1E-01	5.5E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-01	3.0E-11
1.0E+00	5.2E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-01	4.7E-10	5.0E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
4.5E-01	5.2E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.1E-10	6.9E+00	5.5E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-01	3.4E-10
5.6E-01	5.2E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	1.1E+01	5.5E-07	1.0E-03	6.4E-09	1.6E-01	5.5E-01	5.5E-10
6.9E-01	5.2E-06	1.0E-03	3.7E-09	1.6E-01	5.5E-01	3.2E-10	6.2E+00	5.5E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-01	3.1E-10
8.5E-01	5.2E-06	1.0E-03	4.6E-09	1.6E-01	5.5E-01	3.9E-10	6.1E+00	5.5E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-01	3.1E-10
1.0E+00	5.2E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-01	4.8E-10	6.0E+00	5.5E-07	1.0E-03	3.5E-09	1.6E-01	5.5E-01	3.0E-10
1.2E+00	5.2E-06	1.0E-03	6.7E-09	1.6E-01	5.5E-01	5.7E-10	5.4E+00	5.5E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.7E-10
1.4E+00	5.2E-06	1.0E-03	7.7E-09	1.6E-01	5.5E-01	6.7E-10	6.2E+00	5.5E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-01	3.1E-10

1.6E+00	5.2E-06	1.0E-03	8.9E-09	1.6E-01	5.5E-01	7.6E-10	7.1E+00	5.5E-07	1.0E-03	4.1E-09	1.6E-01	5.5E-01	3.6E-10
1.9E+00	5.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.7E-10	3.6E+00	5.5E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10
2.1E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.5E-10	2.2E+00	5.5E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10
2.1E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.7E-10	1.5E+00	5.5E-07	1.0E-03	8.8E-10	1.6E-01	5.5E-01	7.6E-11
2.0E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.3E-10	1.1E+00	5.5E-07	1.0E-03	6.4E-10	1.6E-01	5.5E-01	5.5E-11
1.8E+00	5.2E-06	1.0E-03	9.7E-09	1.6E-01	5.5E-01	8.4E-10	8.5E-01	5.5E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-01	4.2E-11
1.6E+00	5.2E-06	1.0E-03	8.5E-09	1.6E-01	5.5E-01	7.3E-10	6.7E-01	5.5E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-01	3.3E-11
1.3E+00	5.2E-06	1.0E-03	7.3E-09	1.6E-01	5.5E-01	6.2E-10	5.4E-01	5.5E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-01	2.7E-11
1.1E+00	5.2E-06	1.0E-03	6.1E-09	1.6E-01	5.5E-01	5.3E-10	4.5E-01	5.5E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-01	2.3E-11
5.2E-01	5.2E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10	6.3E+00	5.5E-07	1.0E-03	3.7E-09	1.6E-01	5.5E-01	3.2E-10
6.6E-01	5.2E-06	1.0E-03	3.6E-09	1.6E-01	5.5E-01	3.1E-10	1.0E+01	5.5E-07	1.0E-03	5.9E-09	1.6E-01	5.5E-01	5.1E-10
8.6E-01	5.2E-06	1.0E-03	4.6E-09	1.6E-01	5.5E-01	4.0E-10	5.6E+00	5.5E-07	1.0E-03	3.3E-09	1.6E-01	5.5E-01	2.8E-10
1.1E+00	5.2E-06	1.0E-03	6.1E-09	1.6E-01	5.5E-01	5.2E-10	5.5E+00	5.5E-07	1.0E-03	3.2E-09	1.6E-01	5.5E-01	2.7E-10
1.5E+00	5.2E-06	1.0E-03	8.0E-09	1.6E-01	5.5E-01	6.9E-10	5.3E+00	5.5E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10
1.9E+00	5.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.9E-10	4.5E+00	5.5E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.3E-10
2.3E+00	5.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	5.2E+00	5.5E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10
2.8E+00	5.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	6.0E+00	5.5E-07	1.0E-03	3.5E-09	1.6E-01	5.5E-01	3.0E-10
3.2E+00	5.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09	3.0E+00	5.5E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.5E-10
3.4E+00	5.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.6E-09	1.9E+00	5.5E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.4E-11
3.1E+00	5.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09	1.3E+00	5.5E-07	1.0E-03	7.5E-10	1.6E-01	5.5E-01	6.4E-11
2.7E+00	5.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	9.5E-01	5.5E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-01	4.8E-11
2.3E+00	5.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	7.4E-01	5.5E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-01	3.7E-11
1.8E+00	5.2E-06	1.0E-03	9.9E-09	1.6E-01	5.5E-01	8.5E-10	5.9E-01	5.5E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-01	2.9E-11
1.5E+00	5.2E-06	1.0E-03	8.0E-09	1.6E-01	5.5E-01	6.9E-10	4.8E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
1.2E+00	5.2E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-01	5.6E-10	4.0E-01	5.5E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-01	2.0E-11
5.9E-01	5.2E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-01	2.7E-10	7.0E+00	5.5E-07	1.0E-03	4.1E-09	1.6E-01	5.5E-01	3.5E-10
7.8E-01	5.2E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-01	3.6E-10	7.3E+00	5.5E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-01	3.6E-10
1.1E+00	5.2E-06	1.0E-03	5.8E-09	1.6E-01	5.5E-01	5.0E-10	7.4E+00	5.5E-07	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10
1.5E+00	5.2E-06	1.0E-03	8.2E-09	1.6E-01	5.5E-01	7.1E-10	7.3E+00	5.5E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-01	3.6E-10
2.2E+00	5.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	7.0E+00	5.5E-07	1.0E-03	4.1E-09	1.6E-01	5.5E-01	3.5E-10
3.3E+00	5.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.5E-09	6.4E+00	5.5E-07	1.0E-03	3.7E-09	1.6E-01	5.5E-01	3.2E-10
4.5E+00	5.2E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.1E-09	5.2E+00	5.5E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10
5.6E+00	5.2E-06	1.0E-03	3.0E-08	1.6E-01	5.5E-01	2.6E-09	3.4E+00	5.5E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10
6.2E+00	5.2E-06	1.0E-03	3.3E-08	1.6E-01	5.5E-01	2.9E-09	2.2E+00	5.5E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10
5.6E+00	5.2E-06	1.0E-03	3.0E-08	1.6E-01	5.5E-01	2.6E-09	1.5E+00	5.5E-07	1.0E-03	8.7E-10	1.6E-01	5.5E-01	7.5E-11
4.5E+00	5.2E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.1E-09	1.1E+00	5.5E-07	1.0E-03	6.2E-10	1.6E-01	5.5E-01	5.4E-11
3.4E+00	5.2E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.6E-09	8.2E-01	5.5E-07	1.0E-03	4.7E-10	1.6E-01	5.5E-01	4.1E-11
2.6E+00	5.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	6.4E-01	5.5E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-01	3.2E-11
2.0E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.3E-10	5.2E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
1.5E+00	5.2E-06	1.0E-03	8.3E-09	1.6E-01	5.5E-01	7.2E-10	4.3E-01	5.5E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-01	2.2E-11
1.2E+00	5.2E-06	1.0E-03	6.6E-09	1.6E-01	5.5E-01	5.7E-10	3.6E-01	5.5E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-01	1.8E-11
6.5E-01	5.2E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-01	3.0E-10	3.5E+00	5.5E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10
8.8E-01	5.2E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.1E-10	3.8E+00	5.5E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10
1.3E+00	5.2E-06	1.0E-03	6.9E-09	1.6E-01	5.5E-01	6.0E-10	3.8E+00	5.5E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10
2.0E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.4E-10	3.8E+00	5.5E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10
3.5E+00	5.2E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.6E-09	3.7E+00	5.5E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10

6.5E+00	5.2E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-01	3.0E-09	3.4E+00	5.5E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10
1.1E+01	5.2E-06	1.0E-03	6.1E-08	1.6E-01	5.5E-01	5.2E-09	2.9E+00	5.5E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.4E-10
1.5E+01	5.2E-06	1.0E-03	8.0E-08	1.6E-01	5.5E-01	6.9E-09	2.2E+00	5.5E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10
1.3E+01	5.2E-06	1.0E-03	6.9E-08	1.6E-01	5.5E-01	6.0E-09	1.6E+00	5.5E-07	1.0E-03	9.5E-10	1.6E-01	5.5E-01	8.2E-11
8.7E+00	5.2E-06	1.0E-03	4.7E-08	1.6E-01	5.5E-01	4.1E-09	1.2E+00	5.5E-07	1.0E-03	7.0E-10	1.6E-01	5.5E-01	6.0E-11
5.7E+00	5.2E-06	1.0E-03	3.1E-08	1.6E-01	5.5E-01	2.7E-09	9.1E-01	5.5E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-01	4.5E-11
3.9E+00	5.2E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-01	1.8E-09	7.1E-01	5.5E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-01	3.5E-11
2.7E+00	5.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	5.7E-01	5.5E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-01	2.8E-11
2.0E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.2E-10	4.7E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11
1.5E+00	5.2E-06	1.0E-03	8.0E-09	1.6E-01	5.5E-01	6.9E-10	3.9E-01	5.5E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-01	1.9E-11
1.2E+00	5.2E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-01	5.4E-10	3.3E-01	5.5E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-01	1.7E-11
6.8E-01	5.2E-06	1.0E-03	3.7E-09	1.6E-01	5.5E-01	3.2E-10	2.2E+00	5.5E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10
9.5E-01	5.2E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-01	4.4E-10	2.4E+00	5.5E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-01	1.2E-10
1.4E+00	5.2E-06	1.0E-03	7.8E-09	1.6E-01	5.5E-01	6.7E-10	2.4E+00	5.5E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-01	1.2E-10
2.5E+00	5.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	2.4E+00	5.5E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-01	1.2E-10
5.0E+00	5.2E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-01	2.3E-09	2.4E+00	5.5E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-01	1.2E-10
1.4E+01	5.2E-06	1.0E-03	7.6E-08	1.6E-01	5.5E-01	6.6E-09	2.2E+00	5.5E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10
5.4E+01	5.2E-06	1.0E-03	2.9E-07	1.6E-01	5.5E-01	2.5E-08	1.9E+00	5.5E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.7E-11
6.1E+01	5.2E-06	1.0E-03	3.3E-07	1.6E-01	5.5E-01	2.8E-08	1.6E+00	5.5E-07	1.0E-03	9.3E-10	1.6E-01	5.5E-01	8.0E-11
2.4E+01	5.2E-06	1.0E-03	1.3E-07	1.6E-01	5.5E-01	1.1E-08	1.3E+00	5.5E-07	1.0E-03	7.5E-10	1.6E-01	5.5E-01	6.4E-11
1.1E+01	5.2E-06	1.0E-03	5.9E-08	1.6E-01	5.5E-01	5.1E-09	1.0E+00	5.5E-07	1.0E-03	5.8E-10	1.6E-01	5.5E-01	5.0E-11
6.0E+00	5.2E-06	1.0E-03	3.2E-08	1.6E-01	5.5E-01	2.8E-09	7.9E-01	5.5E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-01	3.9E-11
3.8E+00	5.2E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-01	1.7E-09	6.3E-01	5.5E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-01	3.1E-11
2.5E+00	5.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.1E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
1.8E+00	5.2E-06	1.0E-03	9.7E-09	1.6E-01	5.5E-01	8.4E-10	4.3E-01	5.5E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-01	2.1E-11
1.3E+00	5.2E-06	1.0E-03	7.3E-09	1.6E-01	5.5E-01	6.2E-10	3.6E-01	5.5E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-01	1.8E-11
1.0E+00	5.2E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-01	4.8E-10	3.1E-01	5.5E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-01	1.5E-11
6.9E-01	5.2E-06	1.0E-03	3.7E-09	1.6E-01	5.5E-01	3.2E-10	1.5E+00	5.5E-07	1.0E-03	8.7E-10	1.6E-01	5.5E-01	7.5E-11
9.7E-01	5.2E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.5E-10	1.6E+00	5.5E-07	1.0E-03	9.4E-10	1.6E-01	5.5E-01	8.1E-11
1.5E+00	5.2E-06	1.0E-03	8.0E-09	1.6E-01	5.5E-01	6.9E-10	1.7E+00	5.5E-07	1.0E-03	9.8E-10	1.6E-01	5.5E-01	8.4E-11
2.6E+00	5.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	1.7E+00	5.5E-07	1.0E-03	9.9E-10	1.6E-01	5.5E-01	8.5E-11
5.5E+00	5.2E-06	1.0E-03	3.0E-08	1.6E-01	5.5E-01	2.5E-09	1.7E+00	5.5E-07	1.0E-03	9.6E-10	1.6E-01	5.5E-01	8.3E-11
9.6E+00	5.2E-06	1.0E-03	5.2E-08	1.6E-01	5.5E-01	4.4E-09	8.5E-01	5.5E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-01	4.2E-11
5.1E+00	5.2E-06	1.0E-03	2.8E-08	1.6E-01	5.5E-01	2.4E-09	6.9E-01	5.5E-07	1.0E-03	4.0E-10	1.6E-01	5.5E-01	3.5E-11
3.2E+00	5.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09	5.7E-01	5.5E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-01	2.8E-11
2.1E+00	5.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	4.7E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11
1.5E+00	5.2E-06	1.0E-03	8.3E-09	1.6E-01	5.5E-01	7.2E-10	3.9E-01	5.5E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-01	2.0E-11
1.2E+00	5.2E-06	1.0E-03	6.3E-09	1.6E-01	5.5E-01	5.4E-10	3.3E-01	5.5E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-01	1.7E-11
9.0E-01	5.2E-06	1.0E-03	4.9E-09	1.6E-01	5.5E-01	4.2E-10	2.9E-01	5.5E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-01	1.4E-11
6.6E-01	5.2E-06	1.0E-03	3.6E-09	1.6E-01	5.5E-01	3.1E-10	1.1E+00	5.5E-07	1.0E-03	6.3E-10	1.6E-01	5.5E-01	5.4E-11
9.1E-01	5.2E-06	1.0E-03	4.9E-09	1.6E-01	5.5E-01	4.2E-10	1.2E+00	5.5E-07	1.0E-03	6.8E-10	1.6E-01	5.5E-01	5.9E-11
1.4E+00	5.2E-06	1.0E-03	7.3E-09	1.6E-01	5.5E-01	6.3E-10	1.2E+00	5.5E-07	1.0E-03	7.2E-10	1.6E-01	5.5E-01	6.2E-11
2.2E+00	5.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	1.3E+00	5.5E-07	1.0E-03	7.3E-10	1.6E-01	5.5E-01	6.3E-11
4.1E+00	5.2E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-01	1.9E-09	1.2E+00	5.5E-07	1.0E-03	7.2E-10	1.6E-01	5.5E-01	6.2E-11
6.4E+00	5.2E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-01	3.0E-09	7.2E-01	5.5E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-01	3.6E-11
3.9E+00	5.2E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-01	1.8E-09	6.1E-01	5.5E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-01	3.0E-11

2.5E+00	5.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.2E-09	5.1E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
1.8E+00	5.2E-06	1.0E-03	9.5E-09	1.6E-01	5.5E-01	8.2E-10	4.3E-01	5.5E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-01	2.2E-11
1.3E+00	5.2E-06	1.0E-03	7.0E-09	1.6E-01	5.5E-01	6.0E-10	3.7E-01	5.5E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-01	1.8E-11
9.9E-01	5.2E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-01	4.6E-10	3.1E-01	5.5E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-01	1.6E-11
7.8E-01	5.2E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-01	3.6E-10	2.7E-01	5.5E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-01	1.4E-11
6.1E-01	5.2E-06	1.0E-03	3.3E-09	1.6E-01	5.5E-01	2.8E-10	8.3E-01	5.5E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-01	4.1E-11
8.2E-01	5.2E-06	1.0E-03	4.4E-09	1.6E-01	5.5E-01	3.8E-10	9.0E-01	5.5E-07	1.0E-03	5.2E-10	1.6E-01	5.5E-01	4.5E-11
1.1E+00	5.2E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-01	5.3E-10	9.4E-01	5.5E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-01	4.7E-11
1.7E+00	5.2E-06	1.0E-03	9.3E-09	1.6E-01	5.5E-01	8.0E-10	9.6E-01	5.5E-07	1.0E-03	5.6E-10	1.6E-01	5.5E-01	4.8E-11
2.7E+00	5.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.2E-09	9.6E-01	5.5E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-01	4.8E-11
4.2E+00	5.2E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-01	1.9E-09	6.1E-01	5.5E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-01	3.1E-11
2.8E+00	5.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	5.3E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.6E-11
2.0E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.3E-10	4.6E-01	5.5E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-01	2.3E-11
1.5E+00	5.2E-06	1.0E-03	8.0E-09	1.6E-01	5.5E-01	6.9E-10	4.0E-01	5.5E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-01	2.0E-11
1.1E+00	5.2E-06	1.0E-03	6.0E-09	1.6E-01	5.5E-01	5.2E-10	3.4E-01	5.5E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-01	1.7E-11
8.7E-01	5.2E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.0E-10	3.0E-01	5.5E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-01	1.5E-11
6.9E-01	5.2E-06	1.0E-03	3.7E-09	1.6E-01	5.5E-01	3.2E-10	2.6E-01	5.5E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-01	1.3E-11
5.4E-01	5.2E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-01	2.5E-10	6.5E-01	5.5E-07	1.0E-03	3.8E-10	1.6E-01	5.5E-01	3.3E-11
7.0E-01	5.2E-06	1.0E-03	3.8E-09	1.6E-01	5.5E-01	3.2E-10	7.0E-01	5.5E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-01	3.5E-11
9.4E-01	5.2E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-01	4.4E-10	7.4E-01	5.5E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-01	3.7E-11
1.3E+00	5.2E-06	1.0E-03	7.0E-09	1.6E-01	5.5E-01	6.0E-10	7.6E-01	5.5E-07	1.0E-03	4.4E-10	1.6E-01	5.5E-01	3.8E-11
1.9E+00	5.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.6E-10	7.6E-01	5.5E-07	1.0E-03	4.4E-10	1.6E-01	5.5E-01	3.8E-11
3.0E+00	5.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.4E-09	5.3E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.7E-11
2.2E+00	5.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	4.7E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11
1.6E+00	5.2E-06	1.0E-03	8.7E-09	1.6E-01	5.5E-01	7.5E-10	4.1E-01	5.5E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-01	2.0E-11
1.3E+00	5.2E-06	1.0E-03	6.9E-09	1.6E-01	5.5E-01	5.9E-10	3.6E-01	5.5E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-01	1.8E-11
9.8E-01	5.2E-06	1.0E-03	5.3E-09	1.6E-01	5.5E-01	4.6E-10	3.2E-01	5.5E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-01	1.6E-11
7.8E-01	5.2E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-01	3.6E-10	2.8E-01	5.5E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-01	1.4E-11
6.3E-01	5.2E-06	1.0E-03	3.4E-09	1.6E-01	5.5E-01	2.9E-10	2.4E-01	5.5E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-01	1.2E-11
4.7E-01	5.2E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.2E-10	5.3E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.6E-11
5.9E-01	5.2E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-01	2.7E-10	5.7E-01	5.5E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-01	2.8E-11
7.6E-01	5.2E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-01	3.5E-10	6.0E-01	5.5E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-01	3.0E-11
1.0E+00	5.2E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-01	4.6E-10	6.1E-01	5.5E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-01	3.1E-11
1.4E+00	5.2E-06	1.0E-03	7.3E-09	1.6E-01	5.5E-01	6.3E-10	6.2E-01	5.5E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-01	3.1E-11
1.8E+00	5.2E-06	1.0E-03	9.8E-09	1.6E-01	5.5E-01	8.4E-10	6.1E-01	5.5E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-01	3.0E-11
2.2E+00	5.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	5.8E-01	5.5E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-01	2.9E-11
2.5E+00	5.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	5.5E-01	5.5E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-01	2.7E-11
2.4E+00	5.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	5.1E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
2.1E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.8E-10	4.6E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11
1.7E+00	5.2E-06	1.0E-03	9.4E-09	1.6E-01	5.5E-01	8.1E-10	4.2E-01	5.5E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-01	2.1E-11
1.3E+00	5.2E-06	1.0E-03	7.1E-09	1.6E-01	5.5E-01	6.2E-10	3.7E-01	5.5E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-01	1.8E-11
1.1E+00	5.2E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-01	4.9E-10	3.2E-01	5.5E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-01	1.6E-11
8.7E-01	5.2E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-01	4.1E-10	2.9E-01	5.5E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-01	1.5E-11
7.0E-01	5.2E-06	1.0E-03	3.8E-09	1.6E-01	5.5E-01	3.3E-10	2.6E-01	5.5E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-01	1.3E-11
5.7E-01	5.2E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.7E-10	2.3E-01	5.5E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-01	1.2E-11
4.1E-01	5.2E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	4.4E-01	5.5E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-01	2.2E-11

5.0E-01	5.2E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10	4.7E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11
6.2E-01	5.2E-06	1.0E-03	3.4E-09	1.6E-01	5.5E-01	2.9E-10	4.9E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
8.0E-01	5.2E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10	5.0E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
1.0E+00	5.2E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-01	4.8E-10	5.1E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
1.3E+00	5.2E-06	1.0E-03	6.9E-09	1.6E-01	5.5E-01	6.0E-10	5.0E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
1.5E+00	5.2E-06	1.0E-03	8.2E-09	1.6E-01	5.5E-01	7.1E-10	4.9E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
1.7E+00	5.2E-06	1.0E-03	9.0E-09	1.6E-01	5.5E-01	7.7E-10	4.7E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11
1.7E+00	5.2E-06	1.0E-03	9.0E-09	1.6E-01	5.5E-01	7.8E-10	4.4E-01	5.5E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-01	2.2E-11
1.6E+00	5.2E-06	1.0E-03	8.4E-09	1.6E-01	5.5E-01	7.2E-10	4.0E-01	5.5E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-01	2.0E-11
1.4E+00	5.2E-06	1.0E-03	7.3E-09	1.6E-01	5.5E-01	6.3E-10	3.7E-01	5.5E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-01	1.8E-11
1.1E+00	5.2E-06	1.0E-03	6.1E-09	1.6E-01	5.5E-01	5.3E-10	3.3E-01	5.5E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-01	1.7E-11
9.0E-01	5.2E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.2E-10	2.9E-01	5.5E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-01	1.5E-11
7.7E-01	5.2E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-01	3.6E-10	2.7E-01	5.5E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-01	1.3E-11
6.4E-01	5.2E-06	1.0E-03	3.4E-09	1.6E-01	5.5E-01	3.0E-10	2.4E-01	5.5E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-01	1.2E-11
5.3E-01	5.2E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-01	2.5E-10	2.2E-01	5.5E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-01	1.1E-11
3.6E-01	5.2E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.7E-10	3.7E-01	5.5E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-01	1.8E-11
4.3E-01	5.2E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	3.9E-01	5.5E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-01	2.0E-11
5.3E-01	5.2E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10	4.1E-01	5.5E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-01	2.0E-11
6.5E-01	5.2E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-01	3.0E-10	4.2E-01	5.5E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-01	2.1E-11
8.0E-01	5.2E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-01	3.7E-10	4.3E-01	5.5E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-01	2.1E-11
9.6E-01	5.2E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-01	4.4E-10	4.2E-01	5.5E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-01	2.1E-11
1.1E+00	5.2E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-01	5.1E-10	4.1E-01	5.5E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-01	2.1E-11
1.2E+00	5.2E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-01	5.6E-10	4.0E-01	5.5E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-01	2.0E-11
1.2E+00	5.2E-06	1.0E-03	6.6E-09	1.6E-01	5.5E-01	5.7E-10	3.8E-01	5.5E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-01	1.9E-11
1.2E+00	5.2E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-01	5.4E-10	3.5E-01	5.5E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-01	1.8E-11
1.0E+00	5.2E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-01	4.8E-10	3.2E-01	5.5E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-01	1.6E-11
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7.8E-01	5.2E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-01	3.6E-10	2.7E-01	5.5E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-01	1.3E-11
6.4E-01	5.2E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-01	3.0E-10	2.4E-01	5.5E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-01	1.2E-11
5.7E-01	5.2E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.7E-10	2.3E-01	5.5E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-01	1.1E-11
4.9E-01	5.2E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.3E-10	2.1E-01	5.5E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-01	1.0E-11
3.2E-01	5.2E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.5E-10	3.1E-01	5.5E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-01	1.6E-11
3.7E-01	5.2E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10	3.3E-01	5.5E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-01	1.7E-11
4.5E-01	5.2E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.1E-10	3.5E-01	5.5E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-01	1.7E-11
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6.4E-01	5.2E-06	1.0E-03	3.4E-09	1.6E-01	5.5E-01	3.0E-10	3.6E-01	5.5E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-01	1.8E-11
7.4E-01	5.2E-06	1.0E-03	4.0E-09	1.6E-01	5.5E-01	3.4E-10	3.6E-01	5.5E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-01	1.8E-11
8.4E-01	5.2E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-01	3.9E-10	3.5E-01	5.5E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-01	1.8E-11
9.0E-01	5.2E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.2E-10	3.4E-01	5.5E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-01	1.7E-11
9.2E-01	5.2E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-01	4.3E-10	3.3E-01	5.5E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-01	1.6E-11
8.9E-01	5.2E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-01	4.1E-10	3.1E-01	5.5E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-01	1.5E-11
8.4E-01	5.2E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-01	3.9E-10	2.9E-01	5.5E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-01	1.5E-11
7.7E-01	5.2E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-01	3.6E-10	2.7E-01	5.5E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-01	1.4E-11
6.8E-01	5.2E-06	1.0E-03	3.7E-09	1.6E-01	5.5E-01	3.2E-10	2.5E-01	5.5E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-01	1.2E-11
5.6E-01	5.2E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	2.2E-01	5.5E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-01	1.1E-11
4.9E-01	5.2E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.3E-10	2.0E-01	5.5E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-01	1.0E-11

4.5E-01	5.2E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.1E-10	1.9E-01	5.5E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-01	9.6E-12
2.8E-01	5.2E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10	2.7E-01	5.5E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-01	1.4E-11
3.3E-01	5.2E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.5E-10	2.9E-01	5.5E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-01	1.4E-11
3.8E-01	5.2E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	3.0E-01	5.5E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-01	1.5E-11
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5.2E-01	5.2E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10	3.1E-01	5.5E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-01	1.5E-11
5.9E-01	5.2E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-01	2.8E-10	3.1E-01	5.5E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-01	1.5E-11
6.6E-01	5.2E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-01	3.1E-10	3.1E-01	5.5E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-01	1.5E-11
7.0E-01	5.2E-06	1.0E-03	3.8E-09	1.6E-01	5.5E-01	3.3E-10	3.0E-01	5.5E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-01	1.5E-11
7.2E-01	5.2E-06	1.0E-03	3.9E-09	1.6E-01	5.5E-01	3.3E-10	2.9E-01	5.5E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-01	1.4E-11
7.1E-01	5.2E-06	1.0E-03	3.8E-09	1.6E-01	5.5E-01	3.3E-10	2.7E-01	5.5E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-01	1.4E-11
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5.8E-01	5.2E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.7E-10	2.3E-01	5.5E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-01	1.1E-11
5.2E-01	5.2E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-01	2.4E-10	2.1E-01	5.5E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-01	1.1E-11
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2.5E-01	5.2E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.2E-10	2.4E-01	5.5E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-01	1.2E-11
2.9E-01	5.2E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10	2.5E-01	5.5E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-01	1.2E-11
3.3E-01	5.2E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.5E-10	2.6E-01	5.5E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-01	1.3E-11
3.8E-01	5.2E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.8E-10	2.7E-01	5.5E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-01	1.3E-11
4.3E-01	5.2E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	2.7E-01	5.5E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-01	1.3E-11
4.9E-01	5.2E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.3E-10	2.7E-01	5.5E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-01	1.3E-11
5.3E-01	5.2E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-01	2.5E-10	2.7E-01	5.5E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-01	1.3E-11
5.6E-01	5.2E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	2.6E-01	5.5E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-01	1.3E-11
5.8E-01	5.2E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.7E-10	2.5E-01	5.5E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-01	1.3E-11
5.8E-01	5.2E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-01	2.7E-10	2.4E-01	5.5E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-01	1.2E-11
5.6E-01	5.2E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-01	2.6E-10	2.3E-01	5.5E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-01	1.2E-11
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5.0E-01	5.2E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-01	2.3E-10	2.1E-01	5.5E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-01	1.0E-11
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4.0E-01	5.2E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	1.8E-01	5.5E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-01	9.0E-12
3.4E-01	5.2E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.6E-10	1.6E-01	5.5E-07	1.0E-03	9.3E-11	1.6E-01	5.5E-01	8.0E-12
2.2E-01	5.2E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.0E-10	2.1E-01	5.5E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-01	1.0E-11
2.5E-01	5.2E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-01	1.2E-10	2.2E-01	5.5E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-01	1.1E-11
2.9E-01	5.2E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-01	1.3E-10	2.3E-01	5.5E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-01	1.1E-11
3.3E-01	5.2E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-01	1.5E-10	2.3E-01	5.5E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-01	1.2E-11
3.7E-01	5.2E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-01	1.7E-10	2.4E-01	5.5E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-01	1.2E-11
4.0E-01	5.2E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-01	1.9E-10	2.4E-01	5.5E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-01	1.2E-11
4.4E-01	5.2E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.0E-10	2.4E-01	5.5E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-01	1.2E-11
4.6E-01	5.2E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.1E-10	2.3E-01	5.5E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-01	1.2E-11
4.8E-01	5.2E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.2E-10	2.3E-01	5.5E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-01	1.1E-11
4.8E-01	5.2E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-01	2.2E-10	2.2E-01	5.5E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-01	1.1E-11
4.7E-01	5.2E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-01	2.2E-10	2.1E-01	5.5E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-01	1.0E-11
4.5E-01	5.2E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-01	2.1E-10	2.0E-01	5.5E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-01	1.0E-11
4.3E-01	5.2E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-01	2.0E-10	1.9E-01	5.5E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-01	9.5E-12

4.0E-01	5.2E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-01	1.8E-10	1.8E-01	5.5E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-01	8.9E-12
3.6E-01	5.2E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-01	1.7E-10	1.7E-01	5.5E-07	1.0E-03	9.7E-11	1.6E-01	5.5E-01	8.3E-12
3.1E-01	5.2E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-01	1.4E-10	1.5E-01	5.5E-07	1.0E-03	8.7E-11	1.6E-01	5.5E-01	7.5E-12
1.4E+01	5.2E-06	1.0E-03	7.6E-08	1.6E-01	5.5E-01	6.6E-09	2.2E+00	5.5E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-01	1.1E-10
1.8E+01	5.2E-06	1.0E-03	9.9E-08	1.6E-01	5.5E-01	8.5E-09	2.2E+00	5.5E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.1E-10
2.4E+01	5.2E-06	1.0E-03	1.3E-07	1.6E-01	5.5E-01	1.1E-08	2.1E+00	5.5E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.1E-10
3.2E+01	5.2E-06	1.0E-03	1.7E-07	1.6E-01	5.5E-01	1.5E-08	2.1E+00	5.5E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.0E-10
4.2E+01	5.2E-06	1.0E-03	2.3E-07	1.6E-01	5.5E-01	2.0E-08	2.0E+00	5.5E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.0E-10
5.4E+01	5.2E-06	1.0E-03	2.9E-07	1.6E-01	5.5E-01	2.5E-08	1.9E+00	5.5E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.7E-11
6.3E+01	5.2E-06	1.0E-03	3.4E-07	1.6E-01	5.5E-01	2.9E-08	1.9E+00	5.5E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.4E-11
6.8E+01	5.2E-06	1.0E-03	3.7E-07	1.6E-01	5.5E-01	3.2E-08	1.8E+00	5.5E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.1E-11
7.0E+01	5.2E-06	1.0E-03	3.8E-07	1.6E-01	5.5E-01	3.2E-08	1.7E+00	5.5E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-01	8.7E-11
6.8E+01	5.2E-06	1.0E-03	3.6E-07	1.6E-01	5.5E-01	3.1E-08	1.7E+00	5.5E-07	1.0E-03	9.7E-10	1.6E-01	5.5E-01	8.4E-11
6.1E+01	5.2E-06	1.0E-03	3.3E-07	1.6E-01	5.5E-01	2.8E-08	1.6E+00	5.5E-07	1.0E-03	9.3E-10	1.6E-01	5.5E-01	8.0E-11
5.1E+01	5.2E-06	1.0E-03	2.8E-07	1.6E-01	5.5E-01	2.4E-08	1.5E+00	5.5E-07	1.0E-03	9.0E-10	1.6E-01	5.5E-01	7.7E-11
4.2E+01	5.2E-06	1.0E-03	2.3E-07	1.6E-01	5.5E-01	2.0E-08	1.5E+00	5.5E-07	1.0E-03	8.6E-10	1.6E-01	5.5E-01	7.4E-11
3.5E+01	5.2E-06	1.0E-03	1.9E-07	1.6E-01	5.5E-01	1.6E-08	1.4E+00	5.5E-07	1.0E-03	8.2E-10	1.6E-01	5.5E-01	7.1E-11
2.9E+01	5.2E-06	1.0E-03	1.5E-07	1.6E-01	5.5E-01	1.3E-08	1.3E+00	5.5E-07	1.0E-03	7.8E-10	1.6E-01	5.5E-01	6.7E-11
2.4E+01	5.2E-06	1.0E-03	1.3E-07	1.6E-01	5.5E-01	1.1E-08	1.3E+00	5.5E-07	1.0E-03	7.5E-10	1.6E-01	5.5E-01	6.4E-11
2.0E+01	5.2E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-01	9.3E-09	1.2E+00	5.5E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-01	6.1E-11
1.7E+01	5.2E-06	1.0E-03	9.2E-08	1.6E-01	5.5E-01	7.9E-09	1.2E+00	5.5E-07	1.0E-03	6.8E-10	1.6E-01	5.5E-01	5.8E-11
1.5E+01	5.2E-06	1.0E-03	7.9E-08	1.6E-01	5.5E-01	6.8E-09	1.1E+00	5.5E-07	1.0E-03	6.4E-10	1.6E-01	5.5E-01	5.5E-11
1.3E+01	5.2E-06	1.0E-03	6.8E-08	1.6E-01	5.5E-01	5.8E-09	1.1E+00	5.5E-07	1.0E-03	6.1E-10	1.6E-01	5.5E-01	5.3E-11
1.1E+01	5.2E-06	1.0E-03	5.9E-08	1.6E-01	5.5E-01	5.1E-09	1.0E+00	5.5E-07	1.0E-03	5.8E-10	1.6E-01	5.5E-01	5.0E-11
9.6E+00	5.2E-06	1.0E-03	5.2E-08	1.6E-01	5.5E-01	4.4E-09	9.5E-01	5.5E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-01	4.8E-11
8.5E+00	5.2E-06	1.0E-03	4.6E-08	1.6E-01	5.5E-01	3.9E-09	9.1E-01	5.5E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-01	4.5E-11
7.5E+00	5.2E-06	1.0E-03	4.1E-08	1.6E-01	5.5E-01	3.5E-09	8.7E-01	5.5E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-01	4.3E-11
6.7E+00	5.2E-06	1.0E-03	3.6E-08	1.6E-01	5.5E-01	3.1E-09	8.3E-01	5.5E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-01	4.1E-11
6.0E+00	5.2E-06	1.0E-03	3.2E-08	1.6E-01	5.5E-01	2.8E-09	7.9E-01	5.5E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-01	3.9E-11
1.6E+01	5.2E-06	1.0E-03	8.7E-08	1.6E-01	5.5E-01	7.5E-09	2.0E+00	5.5E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.0E-10
2.2E+01	5.2E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-01	1.0E-08	2.0E+00	5.5E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-01	1.0E-10
3.0E+01	5.2E-06	1.0E-03	1.6E-07	1.6E-01	5.5E-01	1.4E-08	2.0E+00	5.5E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.8E-11
4.3E+01	5.2E-06	1.0E-03	2.3E-07	1.6E-01	5.5E-01	2.0E-08	1.9E+00	5.5E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.6E-11
1.5E+01	5.2E-06	1.0E-03	8.2E-08	1.6E-01	5.5E-01	7.1E-09	1.9E+00	5.5E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.3E-11
2.2E+01	5.2E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-01	1.0E-08	1.8E+00	5.5E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.0E-11
3.2E+01	5.2E-06	1.0E-03	1.7E-07	1.6E-01	5.5E-01	1.5E-08	1.8E+00	5.5E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-01	8.8E-11
4.6E+01	5.2E-06	1.0E-03	2.5E-07	1.6E-01	5.5E-01	2.2E-08	1.7E+00	5.5E-07	1.0E-03	9.9E-10	1.6E-01	5.5E-01	8.5E-11
4.7E+01	5.2E-06	1.0E-03	2.6E-07	1.6E-01	5.5E-01	2.2E-08	1.6E+00	5.5E-07	1.0E-03	9.5E-10	1.6E-01	5.5E-01	8.2E-11
3.5E+01	5.2E-06	1.0E-03	1.9E-07	1.6E-01	5.5E-01	1.6E-08	1.6E+00	5.5E-07	1.0E-03	9.2E-10	1.6E-01	5.5E-01	7.9E-11
2.6E+01	5.2E-06	1.0E-03	1.4E-07	1.6E-01	5.5E-01	1.2E-08	1.5E+00	5.5E-07	1.0E-03	8.8E-10	1.6E-01	5.5E-01	7.6E-11
6.8E+01	5.2E-06	1.0E-03	3.7E-07	1.6E-01	5.5E-01	3.2E-08	1.5E+00	5.5E-07	1.0E-03	8.5E-10	1.6E-01	5.5E-01	7.3E-11
5.2E+01	5.2E-06	1.0E-03	2.8E-07	1.6E-01	5.5E-01	2.4E-08	1.4E+00	5.5E-07	1.0E-03	8.1E-10	1.6E-01	5.5E-01	7.0E-11
4.0E+01	5.2E-06	1.0E-03	2.2E-07	1.6E-01	5.5E-01	1.9E-08	1.3E+00	5.5E-07	1.0E-03	7.8E-10	1.6E-01	5.5E-01	6.7E-11
3.2E+01	5.2E-06	1.0E-03	1.7E-07	1.6E-01	5.5E-01	1.5E-08	1.3E+00	5.5E-07	1.0E-03	7.5E-10	1.6E-01	5.5E-01	6.4E-11
2.6E+01	5.2E-06	1.0E-03	1.4E-07	1.6E-01	5.5E-01	1.2E-08	1.2E+00	5.5E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-01	6.1E-11
2.1E+01	5.2E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-01	9.8E-09	1.2E+00	5.5E-07	1.0E-03	6.8E-10	1.6E-01	5.5E-01	5.9E-11

1.8E+01	5.2E-06	1.0E-03	9.5E-08	1.6E-01	5.5E-01	8.2E-09	1.1E+00	5.5E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-01	5.6E-11
1.5E+01	5.2E-06	1.0E-03	8.0E-08	1.6E-01	5.5E-01	6.9E-09	1.1E+00	5.5E-07	1.0E-03	6.2E-10	1.6E-01	5.5E-01	5.3E-11
1.3E+01	5.2E-06	1.0E-03	6.9E-08	1.6E-01	5.5E-01	5.9E-09	1.0E+00	5.5E-07	1.0E-03	5.9E-10	1.6E-01	5.5E-01	5.1E-11
1.1E+01	5.2E-06	1.0E-03	5.9E-08	1.6E-01	5.5E-01	5.1E-09	9.7E-01	5.5E-07	1.0E-03	5.6E-10	1.6E-01	5.5E-01	4.8E-11
9.6E+00	5.2E-06	1.0E-03	5.1E-08	1.6E-01	5.5E-01	4.4E-09	9.2E-01	5.5E-07	1.0E-03	5.4E-10	1.6E-01	5.5E-01	4.6E-11
8.4E+00	5.2E-06	1.0E-03	4.5E-08	1.6E-01	5.5E-01	3.9E-09	8.8E-01	5.5E-07	1.0E-03	5.1E-10	1.6E-01	5.5E-01	4.4E-11
7.4E+00	5.2E-06	1.0E-03	4.0E-08	1.6E-01	5.5E-01	3.5E-09	8.4E-01	5.5E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-01	4.2E-11
6.6E+00	5.2E-06	1.0E-03	3.6E-08	1.6E-01	5.5E-01	3.1E-09	8.0E-01	5.5E-07	1.0E-03	4.7E-10	1.6E-01	5.5E-01	4.0E-11
5.9E+00	5.2E-06	1.0E-03	3.2E-08	1.6E-01	5.5E-01	2.8E-09	7.7E-01	5.5E-07	1.0E-03	4.4E-10	1.6E-01	5.5E-01	3.8E-11
1.8E+01	5.2E-06	1.0E-03	9.7E-08	1.6E-01	5.5E-01	8.3E-09	1.9E+00	5.5E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.5E-11
2.5E+01	5.2E-06	1.0E-03	1.3E-07	1.6E-01	5.5E-01	1.2E-08	1.9E+00	5.5E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.3E-11
3.7E+01	5.2E-06	1.0E-03	2.0E-07	1.6E-01	5.5E-01	1.7E-08	1.8E+00	5.5E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-01	9.1E-11
5.7E+01	5.2E-06	1.0E-03	3.1E-07	1.6E-01	5.5E-01	2.6E-08	1.8E+00	5.5E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-01	8.9E-11
1.8E+01	5.2E-06	1.0E-03	9.7E-08	1.6E-01	5.5E-01	8.3E-09	1.7E+00	5.5E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-01	8.7E-11
2.7E+01	5.2E-06	1.0E-03	1.5E-07	1.6E-01	5.5E-01	1.3E-08	1.7E+00	5.5E-07	1.0E-03	9.9E-10	1.6E-01	5.5E-01	8.5E-11
4.4E+01	5.2E-06	1.0E-03	2.3E-07	1.6E-01	5.5E-01	2.0E-08	1.7E+00	5.5E-07	1.0E-03	9.6E-10	1.6E-01	5.5E-01	8.2E-11
0.0E+00	5.2E-06	1.0E-03	0.0E+00	1.6E-01	5.5E-01	0.0E+00	1.6E+00	5.5E-07	1.0E-03	9.3E-10	1.6E-01	5.5E-01	8.0E-11
0.0E+00	5.2E-06	1.0E-03	0.0E+00	1.6E-01	5.5E-01	0.0E+00	1.6E+00	5.5E-07	1.0E-03	9.0E-10	1.6E-01	5.5E-01	7.7E-11
4.3E+01	5.2E-06	1.0E-03	2.3E-07	1.6E-01	5.5E-01	2.0E-08	1.5E+00	5.5E-07	1.0E-03	8.7E-10	1.6E-01	5.5E-01	7.5E-11
3.0E+01	5.2E-06	1.0E-03	1.6E-07	1.6E-01	5.5E-01	1.4E-08	1.4E+00	5.5E-07	1.0E-03	8.4E-10	1.6E-01	5.5E-01	7.2E-11
2.2E+01	5.2E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-01	1.0E-08	1.4E+00	5.5E-07	1.0E-03	8.0E-10	1.6E-01	5.5E-01	6.9E-11
6.1E+01	5.2E-06	1.0E-03	3.3E-07	1.6E-01	5.5E-01	2.9E-08	1.3E+00	5.5E-07	1.0E-03	7.7E-10	1.6E-01	5.5E-01	6.7E-11
4.4E+01	5.2E-06	1.0E-03	2.4E-07	1.6E-01	5.5E-01	2.1E-08	1.3E+00	5.5E-07	1.0E-03	7.4E-10	1.6E-01	5.5E-01	6.4E-11
3.4E+01	5.2E-06	1.0E-03	1.8E-07	1.6E-01	5.5E-01	1.6E-08	1.2E+00	5.5E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-01	6.1E-11
2.7E+01	5.2E-06	1.0E-03	1.4E-07	1.6E-01	5.5E-01	1.2E-08	1.2E+00	5.5E-07	1.0E-03	6.8E-10	1.6E-01	5.5E-01	5.9E-11
2.2E+01	5.2E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-01	1.0E-08	1.1E+00	5.5E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-01	5.6E-11
1.8E+01	5.2E-06	1.0E-03	9.6E-08	1.6E-01	5.5E-01	8.3E-09	1.1E+00	5.5E-07	1.0E-03	6.2E-10	1.6E-01	5.5E-01	5.4E-11
1.5E+01	5.2E-06	1.0E-03	8.0E-08	1.6E-01	5.5E-01	6.9E-09	1.0E+00	5.5E-07	1.0E-03	6.0E-10	1.6E-01	5.5E-01	5.1E-11
1.3E+01	5.2E-06	1.0E-03	6.8E-08	1.6E-01	5.5E-01	5.9E-09	9.8E-01	5.5E-07	1.0E-03	5.7E-10	1.6E-01	5.5E-01	4.9E-11
1.1E+01	5.2E-06	1.0E-03	5.8E-08	1.6E-01	5.5E-01	5.0E-09	9.4E-01	5.5E-07	1.0E-03	5.4E-10	1.6E-01	5.5E-01	4.7E-11
9.4E+00	5.2E-06	1.0E-03	5.1E-08	1.6E-01	5.5E-01	4.4E-09	9.0E-01	5.5E-07	1.0E-03	5.2E-10	1.6E-01	5.5E-01	4.5E-11
8.2E+00	5.2E-06	1.0E-03	4.4E-08	1.6E-01	5.5E-01	3.8E-09	8.6E-01	5.5E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-01	4.3E-11
7.3E+00	5.2E-06	1.0E-03	3.9E-08	1.6E-01	5.5E-01	3.4E-09	8.2E-01	5.5E-07	1.0E-03	4.7E-10	1.6E-01	5.5E-01	4.1E-11
6.5E+00	5.2E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-01	3.0E-09	7.8E-01	5.5E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-01	3.9E-11
5.8E+00	5.2E-06	1.0E-03	3.1E-08	1.6E-01	5.5E-01	2.7E-09	7.5E-01	5.5E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-01	3.7E-11
1.9E+01	5.2E-06	1.0E-03	1.0E-07	1.6E-01	5.5E-01	8.8E-09	1.8E+00	5.5E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-01	8.9E-11
2.7E+01	5.2E-06	1.0E-03	1.5E-07	1.6E-01	5.5E-01	1.3E-08	1.8E+00	5.5E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-01	8.7E-11
4.1E+01	5.2E-06	1.0E-03	2.2E-07	1.6E-01	5.5E-01	1.9E-08	1.7E+00	5.5E-07	1.0E-03	9.9E-10	1.6E-01	5.5E-01	8.6E-11
1.3E+01	5.2E-06	1.0E-03	7.1E-08	1.6E-01	5.5E-01	6.1E-09	1.7E+00	5.5E-07	1.0E-03	9.7E-10	1.6E-01	5.5E-01	8.4E-11
2.0E+01	5.2E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-01	9.1E-09	1.6E+00	5.5E-07	1.0E-03	9.5E-10	1.6E-01	5.5E-01	8.2E-11
3.1E+01	5.2E-06	1.0E-03	1.7E-07	1.6E-01	5.5E-01	1.4E-08	1.6E+00	5.5E-07	1.0E-03	9.3E-10	1.6E-01	5.5E-01	8.0E-11
0.0E+00	5.2E-06	1.0E-03	0.0E+00	1.6E-01	5.5E-01	0.0E+00	1.6E+00	5.5E-07	1.0E-03	9.0E-10	1.6E-01	5.5E-01	7.8E-11
0.0E+00	5.2E-06	1.0E-03	0.0E+00	1.6E-01	5.5E-01	0.0E+00	1.5E+00	5.5E-07	1.0E-03	8.8E-10	1.6E-01	5.5E-01	7.5E-11
0.0E+00	5.2E-06	1.0E-03	0.0E+00	1.6E-01	5.5E-01	0.0E+00	1.5E+00	5.5E-07	1.0E-03	8.5E-10	1.6E-01	5.5E-01	7.3E-11
5.0E+01	5.2E-06	1.0E-03	2.7E-07	1.6E-01	5.5E-01	2.3E-08	1.4E+00	5.5E-07	1.0E-03	8.2E-10	1.6E-01	5.5E-01	7.1E-11
3.2E+01	5.2E-06	1.0E-03	1.7E-07	1.6E-01	5.5E-01	1.5E-08	1.4E+00	5.5E-07	1.0E-03	7.9E-10	1.6E-01	5.5E-01	6.8E-11

2.3E+01	5.2E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-01	1.1E-08	1.3E+00	5.5E-07	1.0E-03	7.6E-10	1.6E-01	5.5E-01	6.6E-11
6.8E+01	5.2E-06	1.0E-03	3.7E-07	1.6E-01	5.5E-01	3.2E-08	1.3E+00	5.5E-07	1.0E-03	7.4E-10	1.6E-01	5.5E-01	6.3E-11
4.6E+01	5.2E-06	1.0E-03	2.5E-07	1.6E-01	5.5E-01	2.2E-08	1.2E+00	5.5E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-01	6.1E-11
3.4E+01	5.2E-06	1.0E-03	1.9E-07	1.6E-01	5.5E-01	1.6E-08	1.2E+00	5.5E-07	1.0E-03	6.8E-10	1.6E-01	5.5E-01	5.9E-11
2.7E+01	5.2E-06	1.0E-03	1.4E-07	1.6E-01	5.5E-01	1.2E-08	1.1E+00	5.5E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-01	5.6E-11
2.1E+01	5.2E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-01	1.0E-08	1.1E+00	5.5E-07	1.0E-03	6.3E-10	1.6E-01	5.5E-01	5.4E-11
1.8E+01	5.2E-06	1.0E-03	9.5E-08	1.6E-01	5.5E-01	8.1E-09	1.0E+00	5.5E-07	1.0E-03	6.0E-10	1.6E-01	5.5E-01	5.2E-11
1.5E+01	5.2E-06	1.0E-03	7.9E-08	1.6E-01	5.5E-01	6.8E-09	9.9E-01	5.5E-07	1.0E-03	5.7E-10	1.6E-01	5.5E-01	4.9E-11
1.2E+01	5.2E-06	1.0E-03	6.7E-08	1.6E-01	5.5E-01	5.7E-09	9.5E-01	5.5E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-01	4.7E-11
1.1E+01	5.2E-06	1.0E-03	5.7E-08	1.6E-01	5.5E-01	4.9E-09	9.1E-01	5.5E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-01	4.5E-11
9.2E+00	5.2E-06	1.0E-03	4.9E-08	1.6E-01	5.5E-01	4.2E-09	8.7E-01	5.5E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-01	4.3E-11
8.0E+00	5.2E-06	1.0E-03	4.3E-08	1.6E-01	5.5E-01	3.7E-09	8.3E-01	5.5E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-01	4.1E-11
7.0E+00	5.2E-06	1.0E-03	3.8E-08	1.6E-01	5.5E-01	3.3E-09	7.9E-01	5.5E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-01	4.0E-11
6.3E+00	5.2E-06	1.0E-03	3.4E-08	1.6E-01	5.5E-01	2.9E-09	7.6E-01	5.5E-07	1.0E-03	4.4E-10	1.6E-01	5.5E-01	3.8E-11
5.6E+00	5.2E-06	1.0E-03	3.0E-08	1.6E-01	5.5E-01	2.6E-09	7.3E-01	5.5E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-01	3.6E-11
1.9E+01	5.2E-06	1.0E-03	1.0E-07	1.6E-01	5.5E-01	8.8E-09	1.7E+00	5.5E-07	1.0E-03	9.7E-10	1.6E-01	5.5E-01	8.3E-11
2.7E+01	5.2E-06	1.0E-03	1.5E-07	1.6E-01	5.5E-01	1.3E-08	1.6E+00	5.5E-07	1.0E-03	9.5E-10	1.6E-01	5.5E-01	8.2E-11
4.2E+01	5.2E-06	1.0E-03	2.3E-07	1.6E-01	5.5E-01	1.9E-08	1.6E+00	5.5E-07	1.0E-03	9.3E-10	1.6E-01	5.5E-01	8.0E-11
1.3E+01	5.2E-06	1.0E-03	7.2E-08	1.6E-01	5.5E-01	6.2E-09	1.6E+00	5.5E-07	1.0E-03	9.1E-10	1.6E-01	5.5E-01	7.9E-11
2.0E+01	5.2E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-01	9.2E-09	1.5E+00	5.5E-07	1.0E-03	8.9E-10	1.6E-01	5.5E-01	7.7E-11
2.1E+01	5.2E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-01	9.5E-09	1.0E+00	5.5E-07	1.0E-03	6.0E-10	1.6E-01	5.5E-01	5.2E-11
1.7E+01	5.2E-06	1.0E-03	9.1E-08	1.6E-01	5.5E-01	7.8E-09	1.0E+00	5.5E-07	1.0E-03	5.8E-10	1.6E-01	5.5E-01	5.0E-11
1.4E+01	5.2E-06	1.0E-03	7.6E-08	1.6E-01	5.5E-01	6.5E-09	9.5E-01	5.5E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-01	4.8E-11
1.2E+01	5.2E-06	1.0E-03	6.4E-08	1.6E-01	5.5E-01	5.5E-09	9.2E-01	5.5E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-01	4.6E-11
1.0E+01	5.2E-06	1.0E-03	5.5E-08	1.6E-01	5.5E-01	4.7E-09	8.8E-01	5.5E-07	1.0E-03	5.1E-10	1.6E-01	5.5E-01	4.4E-11
8.8E+00	5.2E-06	1.0E-03	4.7E-08	1.6E-01	5.5E-01	4.1E-09	8.4E-01	5.5E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-01	4.2E-11
7.7E+00	5.2E-06	1.0E-03	4.1E-08	1.6E-01	5.5E-01	3.6E-09	8.1E-01	5.5E-07	1.0E-03	4.7E-10	1.6E-01	5.5E-01	4.0E-11
6.8E+00	5.2E-06	1.0E-03	3.6E-08	1.6E-01	5.5E-01	3.1E-09	7.7E-01	5.5E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-01	3.9E-11
6.0E+00	5.2E-06	1.0E-03	3.2E-08	1.6E-01	5.5E-01	2.8E-09	7.4E-01	5.5E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-01	3.7E-11
5.4E+00	5.2E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-01	2.5E-09	7.1E-01	5.5E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-01	3.5E-11
1.8E+01	5.2E-06	1.0E-03	9.8E-08	1.6E-01	5.5E-01	8.4E-09	1.6E+00	5.5E-07	1.0E-03	9.1E-10	1.6E-01	5.5E-01	7.8E-11
2.6E+01	5.2E-06	1.0E-03	1.4E-07	1.6E-01	5.5E-01	1.2E-08	1.5E+00	5.5E-07	1.0E-03	9.0E-10	1.6E-01	5.5E-01	7.7E-11
3.8E+01	5.2E-06	1.0E-03	2.0E-07	1.6E-01	5.5E-01	1.8E-08	1.5E+00	5.5E-07	1.0E-03	8.8E-10	1.6E-01	5.5E-01	7.6E-11
1.2E+01	5.2E-06	1.0E-03	6.7E-08	1.6E-01	5.5E-01	5.8E-09	1.5E+00	5.5E-07	1.0E-03	8.6E-10	1.6E-01	5.5E-01	7.4E-11
1.8E+01	5.2E-06	1.0E-03	9.9E-08	1.6E-01	5.5E-01	8.5E-09	1.5E+00	5.5E-07	1.0E-03	8.4E-10	1.6E-01	5.5E-01	7.3E-11
1.9E+01	5.2E-06	1.0E-03	1.0E-07	1.6E-01	5.5E-01	8.9E-09	1.0E+00	5.5E-07	1.0E-03	5.8E-10	1.6E-01	5.5E-01	5.0E-11
1.6E+01	5.2E-06	1.0E-03	8.5E-08	1.6E-01	5.5E-01	7.3E-09	9.6E-01	5.5E-07	1.0E-03	5.6E-10	1.6E-01	5.5E-01	4.8E-11
1.3E+01	5.2E-06	1.0E-03	7.1E-08	1.6E-01	5.5E-01	6.1E-09	9.2E-01	5.5E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-01	4.6E-11
1.1E+01	5.2E-06	1.0E-03	6.0E-08	1.6E-01	5.5E-01	5.2E-09	8.8E-01	5.5E-07	1.0E-03	5.1E-10	1.6E-01	5.5E-01	4.4E-11
9.6E+00	5.2E-06	1.0E-03	5.2E-08	1.6E-01	5.5E-01	4.4E-09	8.5E-01	5.5E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-01	4.2E-11
8.3E+00	5.2E-06	1.0E-03	4.5E-08	1.6E-01	5.5E-01	3.9E-09	8.1E-01	5.5E-07	1.0E-03	4.7E-10	1.6E-01	5.5E-01	4.1E-11
7.3E+00	5.2E-06	1.0E-03	3.9E-08	1.6E-01	5.5E-01	3.4E-09	7.8E-01	5.5E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-01	3.9E-11
6.4E+00	5.2E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-01	3.0E-09	7.5E-01	5.5E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-01	3.7E-11
5.7E+00	5.2E-06	1.0E-03	3.1E-08	1.6E-01	5.5E-01	2.7E-09	7.2E-01	5.5E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-01	3.6E-11
5.1E+00	5.2E-06	1.0E-03	2.8E-08	1.6E-01	5.5E-01	2.4E-09	6.9E-01	5.5E-07	1.0E-03	4.0E-10	1.6E-01	5.5E-01	3.5E-11
1.6E+01	5.2E-06	1.0E-03	8.9E-08	1.6E-01	5.5E-01	7.7E-09	1.5E+00	5.5E-07	1.0E-03	8.6E-10	1.6E-01	5.5E-01	7.4E-11

2.2E+01	5.2E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-01	1.0E-08	1.5E+00	5.5E-07	1.0E-03	8.4E-10	1.6E-01	5.5E-01	7.3E-11
3.1E+01	5.2E-06	1.0E-03	1.7E-07	1.6E-01	5.5E-01	1.4E-08	1.4E+00	5.5E-07	1.0E-03	8.3E-10	1.6E-01	5.5E-01	7.1E-11
4.5E+01	5.2E-06	1.0E-03	2.4E-07	1.6E-01	5.5E-01	2.1E-08	1.4E+00	5.5E-07	1.0E-03	8.1E-10	1.6E-01	5.5E-01	7.0E-11
1.5E+01	5.2E-06	1.0E-03	8.3E-08	1.6E-01	5.5E-01	7.1E-09	1.4E+00	5.5E-07	1.0E-03	8.0E-10	1.6E-01	5.5E-01	6.9E-11
1.7E+01	5.2E-06	1.0E-03	9.3E-08	1.6E-01	5.5E-01	8.0E-09	9.6E-01	5.5E-07	1.0E-03	5.6E-10	1.6E-01	5.5E-01	4.8E-11
1.4E+01	5.2E-06	1.0E-03	7.8E-08	1.6E-01	5.5E-01	6.7E-09	9.2E-01	5.5E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-01	4.6E-11
1.2E+01	5.2E-06	1.0E-03	6.6E-08	1.6E-01	5.5E-01	5.6E-09	8.9E-01	5.5E-07	1.0E-03	5.1E-10	1.6E-01	5.5E-01	4.4E-11
1.0E+01	5.2E-06	1.0E-03	5.6E-08	1.6E-01	5.5E-01	4.8E-09	8.5E-01	5.5E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-01	4.3E-11
9.0E+00	5.2E-06	1.0E-03	4.8E-08	1.6E-01	5.5E-01	4.2E-09	8.2E-01	5.5E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-01	4.1E-11
7.8E+00	5.2E-06	1.0E-03	4.2E-08	1.6E-01	5.5E-01	3.6E-09	7.9E-01	5.5E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-01	3.9E-11
6.9E+00	5.2E-06	1.0E-03	3.7E-08	1.6E-01	5.5E-01	3.2E-09	7.6E-01	5.5E-07	1.0E-03	4.4E-10	1.6E-01	5.5E-01	3.8E-11
6.1E+00	5.2E-06	1.0E-03	3.3E-08	1.6E-01	5.5E-01	2.8E-09	7.3E-01	5.5E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-01	3.6E-11
5.4E+00	5.2E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-01	2.5E-09	7.0E-01	5.5E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-01	3.5E-11
4.9E+00	5.2E-06	1.0E-03	2.6E-08	1.6E-01	5.5E-01	2.3E-09	6.7E-01	5.5E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-01	3.4E-11
1.5E+01	5.2E-06	1.0E-03	7.8E-08	1.6E-01	5.5E-01	6.7E-09	1.4E+00	5.5E-07	1.0E-03	8.1E-10	1.6E-01	5.5E-01	7.0E-11
1.9E+01	5.2E-06	1.0E-03	1.0E-07	1.6E-01	5.5E-01	8.7E-09	1.4E+00	5.5E-07	1.0E-03	8.0E-10	1.6E-01	5.5E-01	6.9E-11
2.5E+01	5.2E-06	1.0E-03	1.3E-07	1.6E-01	5.5E-01	1.1E-08	1.4E+00	5.5E-07	1.0E-03	7.8E-10	1.6E-01	5.5E-01	6.7E-11
3.3E+01	5.2E-06	1.0E-03	1.8E-07	1.6E-01	5.5E-01	1.5E-08	1.3E+00	5.5E-07	1.0E-03	7.7E-10	1.6E-01	5.5E-01	6.6E-11
4.4E+01	5.2E-06	1.0E-03	2.4E-07	1.6E-01	5.5E-01	2.0E-08	1.3E+00	5.5E-07	1.0E-03	7.5E-10	1.6E-01	5.5E-01	6.5E-11
1.5E+01	5.2E-06	1.0E-03	8.3E-08	1.6E-01	5.5E-01	7.1E-09	9.2E-01	5.5E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-01	4.6E-11
1.3E+01	5.2E-06	1.0E-03	7.0E-08	1.6E-01	5.5E-01	6.0E-09	8.9E-01	5.5E-07	1.0E-03	5.2E-10	1.6E-01	5.5E-01	4.4E-11
1.1E+01	5.2E-06	1.0E-03	6.0E-08	1.6E-01	5.5E-01	5.1E-09	8.6E-01	5.5E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-01	4.3E-11
9.6E+00	5.2E-06	1.0E-03	5.1E-08	1.6E-01	5.5E-01	4.4E-09	8.3E-01	5.5E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-01	4.1E-11
8.3E+00	5.2E-06	1.0E-03	4.5E-08	1.6E-01	5.5E-01	3.9E-09	8.0E-01	5.5E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-01	4.0E-11
7.3E+00	5.2E-06	1.0E-03	3.9E-08	1.6E-01	5.5E-01	3.4E-09	7.7E-01	5.5E-07	1.0E-03	4.4E-10	1.6E-01	5.5E-01	3.8E-11
6.4E+00	5.2E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-01	3.0E-09	7.4E-01	5.5E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-01	3.7E-11
5.7E+00	5.2E-06	1.0E-03	3.1E-08	1.6E-01	5.5E-01	2.6E-09	7.1E-01	5.5E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-01	3.5E-11
5.1E+00	5.2E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-01	2.4E-09	6.8E-01	5.5E-07	1.0E-03	4.0E-10	1.6E-01	5.5E-01	3.4E-11
4.6E+00	5.2E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-01	2.1E-09	6.6E-01	5.5E-07	1.0E-03	3.8E-10	1.6E-01	5.5E-01	3.3E-11
1.3E+01	5.2E-06	1.0E-03	6.7E-08	1.6E-01	5.5E-01	5.8E-09	1.3E+00	5.5E-07	1.0E-03	7.6E-10	1.6E-01	5.5E-01	6.6E-11
1.6E+01	5.2E-06	1.0E-03	8.4E-08	1.6E-01	5.5E-01	7.2E-09	1.3E+00	5.5E-07	1.0E-03	7.5E-10	1.6E-01	5.5E-01	6.5E-11
2.0E+01	5.2E-06	1.0E-03	1.1E-07	1.6E-01	5.5E-01	9.1E-09	1.3E+00	5.5E-07	1.0E-03	7.4E-10	1.6E-01	5.5E-01	6.4E-11
2.4E+01	5.2E-06	1.0E-03	1.3E-07	1.6E-01	5.5E-01	1.1E-08	1.3E+00	5.5E-07	1.0E-03	7.3E-10	1.6E-01	5.5E-01	6.3E-11
3.0E+01	5.2E-06	1.0E-03	1.6E-07	1.6E-01	5.5E-01	1.4E-08	1.2E+00	5.5E-07	1.0E-03	7.2E-10	1.6E-01	5.5E-01	6.2E-11
1.3E+01	5.2E-06	1.0E-03	7.3E-08	1.6E-01	5.5E-01	6.2E-09	8.9E-01	5.5E-07	1.0E-03	5.1E-10	1.6E-01	5.5E-01	4.4E-11
1.2E+01	5.2E-06	1.0E-03	6.3E-08	1.6E-01	5.5E-01	5.4E-09	8.6E-01	5.5E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-01	4.3E-11
1.0E+01	5.2E-06	1.0E-03	5.4E-08	1.6E-01	5.5E-01	4.7E-09	8.3E-01	5.5E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-01	4.1E-11
8.7E+00	5.2E-06	1.0E-03	4.7E-08	1.6E-01	5.5E-01	4.1E-09	8.0E-01	5.5E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-01	4.0E-11
7.7E+00	5.2E-06	1.0E-03	4.1E-08	1.6E-01	5.5E-01	3.6E-09	7.7E-01	5.5E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-01	3.8E-11
6.8E+00	5.2E-06	1.0E-03	3.6E-08	1.6E-01	5.5E-01	3.1E-09	7.4E-01	5.5E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-01	3.7E-11
6.0E+00	5.2E-06	1.0E-03	3.2E-08	1.6E-01	5.5E-01	2.8E-09	7.2E-01	5.5E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-01	3.6E-11
5.3E+00	5.2E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-01	2.5E-09	6.9E-01	5.5E-07	1.0E-03	4.0E-10	1.6E-01	5.5E-01	3.4E-11
4.8E+00	5.2E-06	1.0E-03	2.6E-08	1.6E-01	5.5E-01	2.2E-09	6.6E-01	5.5E-07	1.0E-03	3.8E-10	1.6E-01	5.5E-01	3.3E-11
4.3E+00	5.2E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-01	2.0E-09	6.4E-01	5.5E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-01	3.2E-11
1.1E+01	5.2E-06	1.0E-03	5.8E-08	1.6E-01	5.5E-01	5.0E-09	1.2E+00	5.5E-07	1.0E-03	7.2E-10	1.6E-01	5.5E-01	6.2E-11
1.3E+01	5.2E-06	1.0E-03	6.9E-08	1.6E-01	5.5E-01	6.0E-09	1.2E+00	5.5E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-01	6.1E-11

1.6E+01	5.2E-06	1.0E-03	8.5E-08	1.6E-01	5.5E-01	7.3E-09	1.2E+00	5.5E-07	1.0E-03	7.0E-10	1.6E-01	5.5E-01	6.1E-11
1.9E+01	5.2E-06	1.0E-03	1.0E-07	1.6E-01	5.5E-01	8.7E-09	1.2E+00	5.5E-07	1.0E-03	6.9E-10	1.6E-01	5.5E-01	6.0E-11
2.2E+01	5.2E-06	1.0E-03	1.2E-07	1.6E-01	5.5E-01	1.0E-08	1.2E+00	5.5E-07	1.0E-03	6.8E-10	1.6E-01	5.5E-01	5.8E-11
1.2E+01	5.2E-06	1.0E-03	6.3E-08	1.6E-01	5.5E-01	5.5E-09	8.5E-01	5.5E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-01	4.3E-11
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7.9E+00	5.2E-06	1.0E-03	4.3E-08	1.6E-01	5.5E-01	3.7E-09	7.7E-01	5.5E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-01	3.9E-11
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6.2E+00	5.2E-06	1.0E-03	3.4E-08	1.6E-01	5.5E-01	2.9E-09	7.2E-01	5.5E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-01	3.6E-11
5.6E+00	5.2E-06	1.0E-03	3.0E-08	1.6E-01	5.5E-01	2.6E-09	7.0E-01	5.5E-07	1.0E-03	4.0E-10	1.6E-01	5.5E-01	3.5E-11
5.0E+00	5.2E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-01	2.3E-09	6.7E-01	5.5E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-01	3.3E-11
4.5E+00	5.2E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.1E-09	6.5E-01	5.5E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-01	3.2E-11
4.1E+00	5.2E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-01	1.9E-09	6.2E-01	5.5E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-01	3.1E-11
9.1E+00	5.2E-06	1.0E-03	4.9E-08	1.6E-01	5.5E-01	4.2E-09	1.2E+00	5.5E-07	1.0E-03	6.9E-10	1.6E-01	5.5E-01	5.9E-11
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1.3E+01	5.2E-06	1.0E-03	6.8E-08	1.6E-01	5.5E-01	5.8E-09	1.2E+00	5.5E-07	1.0E-03	6.7E-10	1.6E-01	5.5E-01	5.7E-11
1.5E+01	5.2E-06	1.0E-03	8.0E-08	1.6E-01	5.5E-01	6.9E-09	1.1E+00	5.5E-07	1.0E-03	6.6E-10	1.6E-01	5.5E-01	5.7E-11
1.7E+01	5.2E-06	1.0E-03	9.3E-08	1.6E-01	5.5E-01	8.0E-09	1.1E+00	5.5E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-01	5.6E-11
1.0E+01	5.2E-06	1.0E-03	5.6E-08	1.6E-01	5.5E-01	4.8E-09	8.2E-01	5.5E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-01	4.1E-11
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8.1E+00	5.2E-06	1.0E-03	4.4E-08	1.6E-01	5.5E-01	3.8E-09	7.7E-01	5.5E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-01	3.9E-11
7.2E+00	5.2E-06	1.0E-03	3.9E-08	1.6E-01	5.5E-01	3.4E-09	7.5E-01	5.5E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-01	3.7E-11
6.4E+00	5.2E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-01	3.0E-09	7.2E-01	5.5E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-01	3.6E-11
5.8E+00	5.2E-06	1.0E-03	3.1E-08	1.6E-01	5.5E-01	2.7E-09	7.0E-01	5.5E-07	1.0E-03	4.0E-10	1.6E-01	5.5E-01	3.5E-11
5.2E+00	5.2E-06	1.0E-03	2.8E-08	1.6E-01	5.5E-01	2.4E-09	6.8E-01	5.5E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-01	3.4E-11
4.7E+00	5.2E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-01	2.2E-09	6.5E-01	5.5E-07	1.0E-03	3.8E-10	1.6E-01	5.5E-01	3.3E-11
4.2E+00	5.2E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-01	2.0E-09	6.3E-01	5.5E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-01	3.1E-11
3.9E+00	5.2E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-01	1.8E-09	6.1E-01	5.5E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-01	3.0E-11
7.8E+00	5.2E-06	1.0E-03	4.2E-08	1.6E-01	5.5E-01	3.6E-09	1.1E+00	5.5E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-01	5.6E-11
9.0E+00	5.2E-06	1.0E-03	4.9E-08	1.6E-01	5.5E-01	4.2E-09	1.1E+00	5.5E-07	1.0E-03	6.4E-10	1.6E-01	5.5E-01	5.5E-11
1.0E+01	5.2E-06	1.0E-03	5.6E-08	1.6E-01	5.5E-01	4.8E-09	1.1E+00	5.5E-07	1.0E-03	6.3E-10	1.6E-01	5.5E-01	5.5E-11
1.2E+01	5.2E-06	1.0E-03	6.5E-08	1.6E-01	5.5E-01	5.6E-09	1.1E+00	5.5E-07	1.0E-03	6.3E-10	1.6E-01	5.5E-01	5.4E-11
1.4E+01	5.2E-06	1.0E-03	7.4E-08	1.6E-01	5.5E-01	6.4E-09	1.1E+00	5.5E-07	1.0E-03	6.1E-10	1.6E-01	5.5E-01	5.3E-11
9.1E+00	5.2E-06	1.0E-03	4.9E-08	1.6E-01	5.5E-01	4.2E-09	7.9E-01	5.5E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-01	4.0E-11
8.1E+00	5.2E-06	1.0E-03	4.4E-08	1.6E-01	5.5E-01	3.8E-09	7.7E-01	5.5E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-01	3.8E-11
7.3E+00	5.2E-06	1.0E-03	3.9E-08	1.6E-01	5.5E-01	3.4E-09	7.5E-01	5.5E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-01	3.7E-11
6.6E+00	5.2E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-01	3.0E-09	7.2E-01	5.5E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-01	3.6E-11
5.9E+00	5.2E-06	1.0E-03	3.2E-08	1.6E-01	5.5E-01	2.7E-09	7.0E-01	5.5E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-01	3.5E-11
5.3E+00	5.2E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-01	2.5E-09	6.8E-01	5.5E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-01	3.4E-11
4.8E+00	5.2E-06	1.0E-03	2.6E-08	1.6E-01	5.5E-01	2.2E-09	6.6E-01	5.5E-07	1.0E-03	3.8E-10	1.6E-01	5.5E-01	3.3E-11
4.4E+00	5.2E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.0E-09	6.3E-01	5.5E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-01	3.2E-11
4.0E+00	5.2E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-01	1.9E-09	6.1E-01	5.5E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-01	3.1E-11
3.6E+00	5.2E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-01	1.7E-09	5.9E-01	5.5E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-01	3.0E-11
6.7E+00	5.2E-06	1.0E-03	3.6E-08	1.6E-01	5.5E-01	3.1E-09	1.1E+00	5.5E-07	1.0E-03	6.2E-10	1.6E-01	5.5E-01	5.3E-11
7.7E+00	5.2E-06	1.0E-03	4.1E-08	1.6E-01	5.5E-01	3.6E-09	1.1E+00	5.5E-07	1.0E-03	6.1E-10	1.6E-01	5.5E-01	5.3E-11
8.8E+00	5.2E-06	1.0E-03	4.7E-08	1.6E-01	5.5E-01	4.1E-09	1.0E+00	5.5E-07	1.0E-03	6.0E-10	1.6E-01	5.5E-01	5.2E-11

1.0E+01	5.2E-06	1.0E-03	5.4E-08	1.6E-01	5.5E-01	4.6E-09	1.0E+00	5.5E-07	1.0E-03	6.0E-10	1.6E-01	5.5E-01	5.1E-11
1.1E+01	5.2E-06	1.0E-03	6.0E-08	1.6E-01	5.5E-01	5.2E-09	1.0E+00	5.5E-07	1.0E-03	5.9E-10	1.6E-01	5.5E-01	5.0E-11
8.0E+00	5.2E-06	1.0E-03	4.3E-08	1.6E-01	5.5E-01	3.7E-09	7.7E-01	5.5E-07	1.0E-03	4.4E-10	1.6E-01	5.5E-01	3.8E-11
7.3E+00	5.2E-06	1.0E-03	3.9E-08	1.6E-01	5.5E-01	3.4E-09	7.4E-01	5.5E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-01	3.7E-11
6.6E+00	5.2E-06	1.0E-03	3.6E-08	1.6E-01	5.5E-01	3.1E-09	7.2E-01	5.5E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-01	3.6E-11
6.0E+00	5.2E-06	1.0E-03	3.2E-08	1.6E-01	5.5E-01	2.8E-09	7.0E-01	5.5E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-01	3.5E-11
5.4E+00	5.2E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-01	2.5E-09	6.8E-01	5.5E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-01	3.4E-11
4.9E+00	5.2E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-01	2.3E-09	6.6E-01	5.5E-07	1.0E-03	3.8E-10	1.6E-01	5.5E-01	3.3E-11
4.5E+00	5.2E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.1E-09	6.4E-01	5.5E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-01	3.2E-11
4.1E+00	5.2E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-01	1.9E-09	6.2E-01	5.5E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-01	3.1E-11
3.8E+00	5.2E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-01	1.7E-09	6.0E-01	5.5E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-01	3.0E-11
3.4E+00	5.2E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.6E-09	5.8E-01	5.5E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-01	2.9E-11
5.9E+00	5.2E-06	1.0E-03	3.2E-08	1.6E-01	5.5E-01	2.7E-09	1.0E+00	5.5E-07	1.0E-03	5.9E-10	1.6E-01	5.5E-01	5.1E-11
6.6E+00	5.2E-06	1.0E-03	3.6E-08	1.6E-01	5.5E-01	3.1E-09	1.0E+00	5.5E-07	1.0E-03	5.8E-10	1.6E-01	5.5E-01	5.0E-11
7.4E+00	5.2E-06	1.0E-03	4.0E-08	1.6E-01	5.5E-01	3.4E-09	9.9E-01	5.5E-07	1.0E-03	5.8E-10	1.6E-01	5.5E-01	5.0E-11
8.3E+00	5.2E-06	1.0E-03	4.5E-08	1.6E-01	5.5E-01	3.9E-09	9.8E-01	5.5E-07	1.0E-03	5.7E-10	1.6E-01	5.5E-01	4.9E-11
9.2E+00	5.2E-06	1.0E-03	5.0E-08	1.6E-01	5.5E-01	4.3E-09	9.7E-01	5.5E-07	1.0E-03	5.6E-10	1.6E-01	5.5E-01	4.8E-11
7.1E+00	5.2E-06	1.0E-03	3.9E-08	1.6E-01	5.5E-01	3.3E-09	7.4E-01	5.5E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-01	3.7E-11
6.6E+00	5.2E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-01	3.0E-09	7.2E-01	5.5E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-01	3.6E-11
6.0E+00	5.2E-06	1.0E-03	3.2E-08	1.6E-01	5.5E-01	2.8E-09	7.0E-01	5.5E-07	1.0E-03	4.0E-10	1.6E-01	5.5E-01	3.5E-11
5.5E+00	5.2E-06	1.0E-03	3.0E-08	1.6E-01	5.5E-01	2.5E-09	6.8E-01	5.5E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-01	3.4E-11
5.0E+00	5.2E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-01	2.3E-09	6.6E-01	5.5E-07	1.0E-03	3.8E-10	1.6E-01	5.5E-01	3.3E-11
4.6E+00	5.2E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-01	2.1E-09	6.4E-01	5.5E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-01	3.2E-11
4.2E+00	5.2E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-01	1.9E-09	6.2E-01	5.5E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-01	3.1E-11
3.8E+00	5.2E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-01	1.8E-09	6.0E-01	5.5E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-01	3.0E-11
3.5E+00	5.2E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.6E-09	5.8E-01	5.5E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-01	2.9E-11
3.2E+00	5.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09	5.6E-01	5.5E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-01	2.8E-11
5.2E+00	5.2E-06	1.0E-03	2.8E-08	1.6E-01	5.5E-01	2.4E-09	9.7E-01	5.5E-07	1.0E-03	5.6E-10	1.6E-01	5.5E-01	4.8E-11
5.8E+00	5.2E-06	1.0E-03	3.1E-08	1.6E-01	5.5E-01	2.7E-09	9.6E-01	5.5E-07	1.0E-03	5.6E-10	1.6E-01	5.5E-01	4.8E-11
6.4E+00	5.2E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-01	3.0E-09	9.5E-01	5.5E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-01	4.7E-11
7.1E+00	5.2E-06	1.0E-03	3.8E-08	1.6E-01	5.5E-01	3.3E-09	9.4E-01	5.5E-07	1.0E-03	5.4E-10	1.6E-01	5.5E-01	4.7E-11
7.8E+00	5.2E-06	1.0E-03	4.2E-08	1.6E-01	5.5E-01	3.6E-09	9.2E-01	5.5E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-01	4.6E-11
6.4E+00	5.2E-06	1.0E-03	3.4E-08	1.6E-01	5.5E-01	3.0E-09	7.1E-01	5.5E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-01	3.6E-11
5.9E+00	5.2E-06	1.0E-03	3.2E-08	1.6E-01	5.5E-01	2.7E-09	6.9E-01	5.5E-07	1.0E-03	4.0E-10	1.6E-01	5.5E-01	3.5E-11
5.4E+00	5.2E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-01	2.5E-09	6.7E-01	5.5E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-01	3.4E-11
5.0E+00	5.2E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-01	2.3E-09	6.6E-01	5.5E-07	1.0E-03	3.8E-10	1.6E-01	5.5E-01	3.3E-11
4.6E+00	5.2E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-01	2.1E-09	6.4E-01	5.5E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-01	3.2E-11
4.2E+00	5.2E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-01	2.0E-09	6.2E-01	5.5E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-01	3.1E-11
3.9E+00	5.2E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-01	1.8E-09	6.0E-01	5.5E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-01	3.0E-11
3.6E+00	5.2E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.7E-09	5.8E-01	5.5E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-01	2.9E-11
3.3E+00	5.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.5E-09	5.7E-01	5.5E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-01	2.8E-11
3.0E+00	5.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.4E-09	5.5E-01	5.5E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-01	2.7E-11
4.6E+00	5.2E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-01	2.1E-09	9.2E-01	5.5E-07	1.0E-03	5.4E-10	1.6E-01	5.5E-01	4.6E-11
5.1E+00	5.2E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-01	2.3E-09	9.2E-01	5.5E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-01	4.6E-11
5.6E+00	5.2E-06	1.0E-03	3.0E-08	1.6E-01	5.5E-01	2.6E-09	9.0E-01	5.5E-07	1.0E-03	5.2E-10	1.6E-01	5.5E-01	4.5E-11
6.1E+00	5.2E-06	1.0E-03	3.3E-08	1.6E-01	5.5E-01	2.8E-09	8.9E-01	5.5E-07	1.0E-03	5.2E-10	1.6E-01	5.5E-01	4.5E-11

6.6E+00	5.2E-06	1.0E-03	3.6E-08	1.6E-01	5.5E-01	3.1E-09	8.8E-01	5.5E-07	1.0E-03	5.1E-10	1.6E-01	5.5E-01	4.4E-11
5.7E+00	5.2E-06	1.0E-03	3.1E-08	1.6E-01	5.5E-01	2.7E-09	6.9E-01	5.5E-07	1.0E-03	4.0E-10	1.6E-01	5.5E-01	3.4E-11
5.3E+00	5.2E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-01	2.5E-09	6.7E-01	5.5E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-01	3.3E-11
4.9E+00	5.2E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-01	2.3E-09	6.5E-01	5.5E-07	1.0E-03	3.8E-10	1.6E-01	5.5E-01	3.3E-11
4.6E+00	5.2E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-01	2.1E-09	6.3E-01	5.5E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-01	3.2E-11
4.2E+00	5.2E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-01	1.9E-09	6.1E-01	5.5E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-01	3.1E-11
3.8E+00	5.2E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-01	1.8E-09	6.0E-01	5.5E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-01	3.0E-11
3.6E+00	5.2E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.7E-09	5.8E-01	5.5E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-01	2.9E-11
3.3E+00	5.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.5E-09	5.6E-01	5.5E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-01	2.8E-11
3.1E+00	5.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.4E-09	5.5E-01	5.5E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-01	2.7E-11
2.8E+00	5.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	5.3E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.6E-11
4.1E+00	5.2E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-01	1.9E-09	8.8E-01	5.5E-07	1.0E-03	5.1E-10	1.6E-01	5.5E-01	4.4E-11
4.5E+00	5.2E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.1E-09	8.7E-01	5.5E-07	1.0E-03	5.1E-10	1.6E-01	5.5E-01	4.4E-11
4.9E+00	5.2E-06	1.0E-03	2.6E-08	1.6E-01	5.5E-01	2.3E-09	8.6E-01	5.5E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-01	4.3E-11
5.3E+00	5.2E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-01	2.5E-09	8.5E-01	5.5E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-01	4.3E-11
5.7E+00	5.2E-06	1.0E-03	3.1E-08	1.6E-01	5.5E-01	2.7E-09	8.4E-01	5.5E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-01	4.2E-11
4.9E+00	5.2E-06	1.0E-03	2.6E-08	1.6E-01	5.5E-01	2.3E-09	6.5E-01	5.5E-07	1.0E-03	3.8E-10	1.6E-01	5.5E-01	3.2E-11
4.5E+00	5.2E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.1E-09	6.3E-01	5.5E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-01	3.2E-11
4.2E+00	5.2E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-01	1.9E-09	6.1E-01	5.5E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-01	3.1E-11
3.8E+00	5.2E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-01	1.7E-09	5.9E-01	5.5E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-01	2.9E-11
3.5E+00	5.2E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.6E-09	5.7E-01	5.5E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-01	2.9E-11
3.2E+00	5.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09	5.6E-01	5.5E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-01	2.8E-11
3.0E+00	5.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.4E-09	5.4E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.7E-11
2.8E+00	5.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	5.3E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
2.6E+00	5.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.1E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
3.7E+00	5.2E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-01	1.7E-09	8.4E-01	5.5E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-01	4.2E-11
4.0E+00	5.2E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-01	1.9E-09	8.4E-01	5.5E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-01	4.2E-11
4.3E+00	5.2E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-01	2.0E-09	8.3E-01	5.5E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-01	4.1E-11
4.7E+00	5.2E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-01	2.2E-09	8.2E-01	5.5E-07	1.0E-03	4.7E-10	1.6E-01	5.5E-01	4.1E-11
5.0E+00	5.2E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-01	2.3E-09	8.1E-01	5.5E-07	1.0E-03	4.7E-10	1.6E-01	5.5E-01	4.0E-11
4.2E+00	5.2E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-01	1.9E-09	6.1E-01	5.5E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-01	3.1E-11
3.9E+00	5.2E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-01	1.8E-09	6.0E-01	5.5E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-01	3.0E-11
3.6E+00	5.2E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.7E-09	5.8E-01	5.5E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-01	2.9E-11
3.3E+00	5.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.6E-09	5.6E-01	5.5E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-01	2.8E-11
3.1E+00	5.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.4E-09	5.5E-01	5.5E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-01	2.7E-11
2.9E+00	5.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	5.3E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.6E-11
2.7E+00	5.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.1E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
2.5E+00	5.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	5.0E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
3.3E+00	5.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.5E-09	8.1E-01	5.5E-07	1.0E-03	4.7E-10	1.6E-01	5.5E-01	4.0E-11
3.6E+00	5.2E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.7E-09	8.0E-01	5.5E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-01	4.0E-11
3.9E+00	5.2E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-01	1.8E-09	7.9E-01	5.5E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-01	4.0E-11
4.1E+00	5.2E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-01	1.9E-09	7.8E-01	5.5E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-01	3.9E-11
4.4E+00	5.2E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-01	2.0E-09	7.7E-01	5.5E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-01	3.9E-11
3.6E+00	5.2E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-01	1.7E-09	5.8E-01	5.5E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-01	2.9E-11
3.4E+00	5.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.6E-09	5.7E-01	5.5E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-01	2.8E-11
3.2E+00	5.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09	5.5E-01	5.5E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-01	2.8E-11

3.0E+00	5.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.4E-09	5.4E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.7E-11
2.8E+00	5.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	5.2E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
2.6E+00	5.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.1E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
2.4E+00	5.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	4.9E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
3.0E+00	5.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.4E-09	7.7E-01	5.5E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-01	3.9E-11
3.3E+00	5.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.5E-09	7.7E-01	5.5E-07	1.0E-03	4.4E-10	1.6E-01	5.5E-01	3.8E-11
3.5E+00	5.2E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.6E-09	7.6E-01	5.5E-07	1.0E-03	4.4E-10	1.6E-01	5.5E-01	3.8E-11
3.7E+00	5.2E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-01	1.7E-09	7.5E-01	5.5E-07	1.0E-03	4.4E-10	1.6E-01	5.5E-01	3.7E-11
3.9E+00	5.2E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-01	1.8E-09	7.4E-01	5.5E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-01	3.7E-11
3.2E+00	5.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09	5.5E-01	5.5E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-01	2.7E-11
3.0E+00	5.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.4E-09	5.4E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.7E-11
2.8E+00	5.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	5.2E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
2.7E+00	5.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.1E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
2.5E+00	5.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.2E-09	5.0E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
2.3E+00	5.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.1E-09	4.8E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
2.7E+00	5.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	7.4E-01	5.5E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-01	3.7E-11
2.9E+00	5.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.4E-09	7.3E-01	5.5E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-01	3.7E-11
3.1E+00	5.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09	7.3E-01	5.5E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-01	3.6E-11
3.3E+00	5.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-01	1.5E-09	7.2E-01	5.5E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-01	3.6E-11
3.5E+00	5.2E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-01	1.6E-09	7.1E-01	5.5E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-01	3.6E-11
3.0E+00	5.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-01	1.4E-09	5.3E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.7E-11
2.8E+00	5.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	5.2E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
2.7E+00	5.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.1E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
2.5E+00	5.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.0E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
2.4E+00	5.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	4.8E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
2.2E+00	5.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	4.7E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11
2.5E+00	5.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	7.1E-01	5.5E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-01	3.5E-11
2.7E+00	5.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	7.0E-01	5.5E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-01	3.5E-11
2.8E+00	5.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	7.0E-01	5.5E-07	1.0E-03	4.0E-10	1.6E-01	5.5E-01	3.5E-11
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3.1E+00	5.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-01	1.5E-09	6.9E-01	5.5E-07	1.0E-03	4.0E-10	1.6E-01	5.5E-01	3.4E-11
2.8E+00	5.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	5.2E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
2.6E+00	5.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.1E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
2.5E+00	5.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.0E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
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2.1E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.8E-10	4.6E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11
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2.4E+00	5.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	6.8E-01	5.5E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-01	3.4E-11
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2.7E+00	5.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	6.7E-01	5.5E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-01	3.3E-11
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2.6E+00	5.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.0E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
2.5E+00	5.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.2E-09	4.9E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
2.4E+00	5.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	4.8E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
2.2E+00	5.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	4.7E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.4E-11

2.1E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.9E-10	4.6E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11
2.0E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.4E-10	4.5E-01	5.5E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-01	2.2E-11
2.1E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.8E-10	6.5E-01	5.5E-07	1.0E-03	3.8E-10	1.6E-01	5.5E-01	3.3E-11
2.2E+00	5.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	6.5E-01	5.5E-07	1.0E-03	3.8E-10	1.6E-01	5.5E-01	3.2E-11
2.4E+00	5.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	6.5E-01	5.5E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-01	3.2E-11
2.5E+00	5.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	6.4E-01	5.5E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-01	3.2E-11
2.6E+00	5.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	6.3E-01	5.5E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-01	3.2E-11
2.4E+00	5.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	4.9E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
2.3E+00	5.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	4.8E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
2.2E+00	5.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	4.7E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11
2.1E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.9E-10	4.6E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11
2.0E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.4E-10	4.5E-01	5.5E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-01	2.2E-11
1.9E+00	5.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.9E-10	4.4E-01	5.5E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-01	2.2E-11
2.0E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.1E-10	6.3E-01	5.5E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-01	3.1E-11
2.1E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.6E-10	6.3E-01	5.5E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-01	3.1E-11
2.2E+00	5.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	6.2E-01	5.5E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-01	3.1E-11
2.3E+00	5.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.1E-09	6.2E-01	5.5E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-01	3.1E-11
2.4E+00	5.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	6.1E-01	5.5E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-01	3.0E-11
2.4E+00	5.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	6.0E-01	5.5E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-01	3.0E-11
2.5E+00	5.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	6.0E-01	5.5E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-01	3.0E-11
2.6E+00	5.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.9E-01	5.5E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-01	2.9E-11
2.6E+00	5.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.8E-01	5.5E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-01	2.9E-11
2.7E+00	5.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.8E-01	5.5E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-01	2.9E-11
2.7E+00	5.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	5.7E-01	5.5E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-01	2.8E-11
2.7E+00	5.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	5.6E-01	5.5E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-01	2.8E-11
2.7E+00	5.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-01	1.3E-09	5.5E-01	5.5E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-01	2.7E-11
2.7E+00	5.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.4E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.7E-11
2.7E+00	5.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.3E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.7E-11
2.6E+00	5.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.2E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
2.6E+00	5.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-01	1.2E-09	5.1E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
2.5E+00	5.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.2E-09	5.1E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
2.4E+00	5.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	5.0E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
2.3E+00	5.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	4.9E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
2.3E+00	5.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.1E-09	4.8E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
2.2E+00	5.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	4.7E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11
2.1E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.7E-10	4.6E-01	5.5E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-01	2.3E-11
2.0E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.3E-10	4.5E-01	5.5E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-01	2.2E-11
1.9E+00	5.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.9E-10	4.4E-01	5.5E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-01	2.2E-11
1.8E+00	5.2E-06	1.0E-03	9.9E-09	1.6E-01	5.5E-01	8.5E-10	4.3E-01	5.5E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-01	2.1E-11
1.8E+00	5.2E-06	1.0E-03	9.8E-09	1.6E-01	5.5E-01	8.4E-10	6.1E-01	5.5E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-01	3.0E-11
1.9E+00	5.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.9E-10	6.0E-01	5.5E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-01	3.0E-11
2.0E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.3E-10	6.0E-01	5.5E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-01	3.0E-11
2.1E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.7E-10	5.9E-01	5.5E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-01	3.0E-11
2.2E+00	5.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	5.9E-01	5.5E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-01	2.9E-11
2.2E+00	5.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	5.8E-01	5.5E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-01	2.9E-11
2.3E+00	5.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.1E-09	5.8E-01	5.5E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-01	2.9E-11

2.4E+00	5.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	5.7E-01	5.5E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-01	2.8E-11
2.4E+00	5.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	5.6E-01	5.5E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-01	2.8E-11
2.4E+00	5.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	5.6E-01	5.5E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-01	2.8E-11
2.5E+00	5.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	5.5E-01	5.5E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-01	2.7E-11
2.5E+00	5.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.2E-09	5.4E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.7E-11
2.5E+00	5.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.2E-09	5.3E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.7E-11
2.5E+00	5.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	5.2E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
2.4E+00	5.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	5.2E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
2.4E+00	5.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	5.1E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
2.4E+00	5.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	5.0E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
2.3E+00	5.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-01	1.1E-09	4.9E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
2.3E+00	5.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	4.8E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
2.2E+00	5.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	4.7E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.4E-11
2.1E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.8E-10	4.6E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11
2.0E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.5E-10	4.5E-01	5.5E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-01	2.3E-11
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1.9E+00	5.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.8E-10	4.4E-01	5.5E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-01	2.2E-11
1.8E+00	5.2E-06	1.0E-03	9.8E-09	1.6E-01	5.5E-01	8.4E-10	4.3E-01	5.5E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-01	2.1E-11
1.7E+00	5.2E-06	1.0E-03	9.4E-09	1.6E-01	5.5E-01	8.1E-10	4.2E-01	5.5E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-01	2.1E-11
1.7E+00	5.2E-06	1.0E-03	9.1E-09	1.6E-01	5.5E-01	7.8E-10	5.8E-01	5.5E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-01	2.9E-11
1.8E+00	5.2E-06	1.0E-03	9.5E-09	1.6E-01	5.5E-01	8.2E-10	5.8E-01	5.5E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-01	2.9E-11
1.8E+00	5.2E-06	1.0E-03	9.9E-09	1.6E-01	5.5E-01	8.6E-10	5.8E-01	5.5E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-01	2.9E-11
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2.0E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.2E-10	5.7E-01	5.5E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-01	2.8E-11
2.1E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.6E-10	5.6E-01	5.5E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-01	2.8E-11
2.1E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.8E-10	5.6E-01	5.5E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-01	2.8E-11
2.2E+00	5.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	5.5E-01	5.5E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-01	2.7E-11
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2.3E+00	5.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.1E-09	5.3E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.6E-11
2.3E+00	5.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.1E-09	5.2E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
2.3E+00	5.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.1E-09	5.2E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
2.3E+00	5.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.1E-09	5.1E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
2.3E+00	5.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	5.0E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
2.2E+00	5.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	4.9E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
2.2E+00	5.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	4.8E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
2.2E+00	5.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-01	1.0E-09	4.8E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
2.1E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.8E-10	4.7E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11
2.0E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.5E-10	4.6E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11
2.0E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.2E-10	4.5E-01	5.5E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-01	2.2E-11
1.9E+00	5.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.9E-10	4.4E-01	5.5E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-01	2.2E-11
1.9E+00	5.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.6E-10	4.3E-01	5.5E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-01	2.2E-11
1.8E+00	5.2E-06	1.0E-03	9.7E-09	1.6E-01	5.5E-01	8.3E-10	4.2E-01	5.5E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-01	2.1E-11
1.7E+00	5.2E-06	1.0E-03	9.3E-09	1.6E-01	5.5E-01	8.0E-10	4.2E-01	5.5E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-01	2.1E-11
1.7E+00	5.2E-06	1.0E-03	8.9E-09	1.6E-01	5.5E-01	7.7E-10	4.1E-01	5.5E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-01	2.0E-11
1.6E+00	5.2E-06	1.0E-03	8.5E-09	1.6E-01	5.5E-01	7.3E-10	5.6E-01	5.5E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-01	2.8E-11

1.6E+00	5.2E-06	1.0E-03	8.8E-09	1.6E-01	5.5E-01	7.6E-10	5.6E-01	5.5E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-01	2.8E-11
1.7E+00	5.2E-06	1.0E-03	9.2E-09	1.6E-01	5.5E-01	7.9E-10	5.5E-01	5.5E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-01	2.8E-11
1.8E+00	5.2E-06	1.0E-03	9.6E-09	1.6E-01	5.5E-01	8.2E-10	5.5E-01	5.5E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-01	2.7E-11
1.8E+00	5.2E-06	1.0E-03	9.9E-09	1.6E-01	5.5E-01	8.5E-10	5.5E-01	5.5E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-01	2.7E-11
1.9E+00	5.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.8E-10	5.4E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.7E-11
2.0E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.1E-10	5.4E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.7E-11
2.0E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.3E-10	5.3E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.6E-11
2.0E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.5E-10	5.3E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
2.1E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.6E-10	5.2E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
2.1E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.7E-10	5.1E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
2.1E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.8E-10	5.1E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
2.1E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.8E-10	5.0E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
2.1E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.8E-10	4.9E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
2.1E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.7E-10	4.9E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
2.1E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.6E-10	4.8E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
2.0E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.5E-10	4.7E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11
2.0E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.3E-10	4.6E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11
2.0E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.1E-10	4.5E-01	5.5E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-01	2.3E-11
1.9E+00	5.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.9E-10	4.5E-01	5.5E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-01	2.2E-11
1.9E+00	5.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.7E-10	4.4E-01	5.5E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-01	2.2E-11
1.8E+00	5.2E-06	1.0E-03	9.8E-09	1.6E-01	5.5E-01	8.4E-10	4.3E-01	5.5E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-01	2.1E-11
1.8E+00	5.2E-06	1.0E-03	9.5E-09	1.6E-01	5.5E-01	8.1E-10	4.2E-01	5.5E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-01	2.1E-11
1.7E+00	5.2E-06	1.0E-03	9.1E-09	1.6E-01	5.5E-01	7.9E-10	4.1E-01	5.5E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-01	2.1E-11
1.6E+00	5.2E-06	1.0E-03	8.8E-09	1.6E-01	5.5E-01	7.6E-10	4.1E-01	5.5E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-01	2.0E-11
1.6E+00	5.2E-06	1.0E-03	8.5E-09	1.6E-01	5.5E-01	7.3E-10	4.0E-01	5.5E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-01	2.0E-11
1.5E+00	5.2E-06	1.0E-03	7.9E-09	1.6E-01	5.5E-01	6.8E-10	5.4E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.7E-11
1.5E+00	5.2E-06	1.0E-03	8.2E-09	1.6E-01	5.5E-01	7.1E-10	5.4E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.7E-11
1.6E+00	5.2E-06	1.0E-03	8.6E-09	1.6E-01	5.5E-01	7.4E-10	5.3E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.7E-11
1.6E+00	5.2E-06	1.0E-03	8.9E-09	1.6E-01	5.5E-01	7.7E-10	5.3E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.6E-11
1.7E+00	5.2E-06	1.0E-03	9.2E-09	1.6E-01	5.5E-01	7.9E-10	5.3E-01	5.5E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-01	2.6E-11
1.8E+00	5.2E-06	1.0E-03	9.5E-09	1.6E-01	5.5E-01	8.2E-10	5.2E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
1.8E+00	5.2E-06	1.0E-03	9.7E-09	1.6E-01	5.5E-01	8.4E-10	5.2E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
1.8E+00	5.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.6E-10	5.1E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
1.9E+00	5.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.7E-10	5.1E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
1.9E+00	5.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.9E-10	5.0E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
1.9E+00	5.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	9.0E-10	5.0E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
1.9E+00	5.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	9.0E-10	4.9E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
2.0E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.1E-10	4.8E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
2.0E+00	5.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-01	9.1E-10	4.8E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
1.9E+00	5.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	9.0E-10	4.7E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11
1.9E+00	5.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.9E-10	4.6E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11
1.9E+00	5.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.8E-10	4.6E-01	5.5E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-01	2.3E-11
1.9E+00	5.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-01	8.7E-10	4.5E-01	5.5E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-01	2.2E-11
1.8E+00	5.2E-06	1.0E-03	9.9E-09	1.6E-01	5.5E-01	8.5E-10	4.4E-01	5.5E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-01	2.2E-11
1.8E+00	5.2E-06	1.0E-03	9.7E-09	1.6E-01	5.5E-01	8.3E-10	4.3E-01	5.5E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-01	2.2E-11
1.8E+00	5.2E-06	1.0E-03	9.4E-09	1.6E-01	5.5E-01	8.1E-10	4.3E-01	5.5E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-01	2.1E-11

1.7E+00	5.2E-06	1.0E-03	9.2E-09	1.6E-01	5.5E-01	7.9E-10	4.2E-01	5.5E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-01	2.1E-11
1.7E+00	5.2E-06	1.0E-03	8.9E-09	1.6E-01	5.5E-01	7.7E-10	4.1E-01	5.5E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-01	2.1E-11
1.6E+00	5.2E-06	1.0E-03	8.6E-09	1.6E-01	5.5E-01	7.4E-10	4.0E-01	5.5E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-01	2.0E-11
1.6E+00	5.2E-06	1.0E-03	8.4E-09	1.6E-01	5.5E-01	7.2E-10	4.0E-01	5.5E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-01	2.0E-11
1.5E+00	5.2E-06	1.0E-03	8.1E-09	1.6E-01	5.5E-01	6.9E-10	3.9E-01	5.5E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-01	1.9E-11
1.4E+00	5.2E-06	1.0E-03	7.4E-09	1.6E-01	5.5E-01	6.4E-10	5.2E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
1.4E+00	5.2E-06	1.0E-03	7.7E-09	1.6E-01	5.5E-01	6.6E-10	5.2E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
1.5E+00	5.2E-06	1.0E-03	8.0E-09	1.6E-01	5.5E-01	6.9E-10	5.2E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
1.5E+00	5.2E-06	1.0E-03	8.3E-09	1.6E-01	5.5E-01	7.1E-10	5.1E-01	5.5E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-01	2.6E-11
1.6E+00	5.2E-06	1.0E-03	8.5E-09	1.6E-01	5.5E-01	7.4E-10	5.1E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
1.6E+00	5.2E-06	1.0E-03	8.8E-09	1.6E-01	5.5E-01	7.6E-10	5.0E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
1.7E+00	5.2E-06	1.0E-03	9.0E-09	1.6E-01	5.5E-01	7.8E-10	5.0E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
1.7E+00	5.2E-06	1.0E-03	9.2E-09	1.6E-01	5.5E-01	7.9E-10	5.0E-01	5.5E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-01	2.5E-11
1.7E+00	5.2E-06	1.0E-03	9.4E-09	1.6E-01	5.5E-01	8.1E-10	4.9E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
1.8E+00	5.2E-06	1.0E-03	9.6E-09	1.6E-01	5.5E-01	8.2E-10	4.9E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
1.8E+00	5.2E-06	1.0E-03	9.7E-09	1.6E-01	5.5E-01	8.3E-10	4.8E-01	5.5E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-01	2.4E-11
1.8E+00	5.2E-06	1.0E-03	9.7E-09	1.6E-01	5.5E-01	8.4E-10	4.7E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.4E-11
1.8E+00	5.2E-06	1.0E-03	9.8E-09	1.6E-01	5.5E-01	8.4E-10	4.7E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11
1.8E+00	5.2E-06	1.0E-03	9.8E-09	1.6E-01	5.5E-01	8.4E-10	4.6E-01	5.5E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-01	2.3E-11
1.8E+00	5.2E-06	1.0E-03	9.7E-09	1.6E-01	5.5E-01	8.4E-10	4.6E-01	5.5E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-01	2.3E-11
1.8E+00	5.2E-06	1.0E-03	9.7E-09	1.6E-01	5.5E-01	8.3E-10	4.5E-01	5.5E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-01	2.2E-11
1.8E+00	5.2E-06	1.0E-03	9.6E-09	1.6E-01	5.5E-01	8.3E-10	4.4E-01	5.5E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-01	2.2E-11
1.8E+00	5.2E-06	1.0E-03	9.5E-09	1.6E-01	5.5E-01	8.1E-10	4.4E-01	5.5E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-01	2.2E-11
1.7E+00	5.2E-06	1.0E-03	9.3E-09	1.6E-01	5.5E-01	8.0E-10	4.3E-01	5.5E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-01	2.1E-11
1.7E+00	5.2E-06	1.0E-03	9.1E-09	1.6E-01	5.5E-01	7.8E-10	4.2E-01	5.5E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-01	2.1E-11
1.6E+00	5.2E-06	1.0E-03	8.9E-09	1.6E-01	5.5E-01	7.6E-10	4.1E-01	5.5E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-01	2.1E-11
1.6E+00	5.2E-06	1.0E-03	8.7E-09	1.6E-01	5.5E-01	7.5E-10	4.1E-01	5.5E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-01	2.0E-11
1.6E+00	5.2E-06	1.0E-03	8.4E-09	1.6E-01	5.5E-01	7.3E-10	4.0E-01	5.5E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-01	2.0E-11
1.5E+00	5.2E-06	1.0E-03	8.2E-09	1.6E-01	5.5E-01	7.1E-10	3.9E-01	5.5E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-01	2.0E-11
1.5E+00	5.2E-06	1.0E-03	7.9E-09	1.6E-01	5.5E-01	6.8E-10	3.9E-01	5.5E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-01	1.9E-11
1.4E+00	5.2E-06	1.0E-03	7.7E-09	1.6E-01	5.5E-01	6.6E-10	3.8E-01	5.5E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-01	1.9E-11

Risk From New Building AC - Mitigated Residential

Franklin School Project

Risk From New Building AC - Mitigated Residential

	0.05	Max					Onsite		
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
1	0.00	1.2E-10	1.8E-01	1.5E-04	1.0E-03	2.8E-08	1.6E-01	2.7E-02	1.2E-10
2	0.00	1.3E-10	2.0E-01	1.5E-04	1.0E-03	3.1E-08	1.6E-01	2.7E-02	1.3E-10
3	0.00	1.4E-10	2.1E-01	1.5E-04	1.0E-03	3.3E-08	1.6E-01	2.7E-02	1.4E-10
4	0.00	1.6E-10	2.3E-01	1.5E-04	1.0E-03	3.6E-08	1.6E-01	2.7E-02	1.6E-10
5	0.00	1.7E-10	2.5E-01	1.5E-04	1.0E-03	3.9E-08	1.6E-01	2.7E-02	1.7E-10
6	0.00	1.8E-10	2.7E-01	1.5E-04	1.0E-03	4.2E-08	1.6E-01	2.7E-02	1.8E-10
7	0.00	1.9E-10	2.9E-01	1.5E-04	1.0E-03	4.5E-08	1.6E-01	2.7E-02	1.9E-10
8	0.00	2.0E-10	3.0E-01	1.5E-04	1.0E-03	4.7E-08	1.6E-01	2.7E-02	2.0E-10
9	0.00	2.1E-10	3.2E-01	1.5E-04	1.0E-03	5.0E-08	1.6E-01	2.7E-02	2.1E-10
10	0.00	2.2E-10	3.3E-01	1.5E-04	1.0E-03	5.2E-08	1.6E-01	2.7E-02	2.2E-10
11	0.00	2.4E-10	3.5E-01	1.5E-04	1.0E-03	5.6E-08	1.6E-01	2.7E-02	2.4E-10
12	0.00	2.6E-10	3.8E-01	1.5E-04	1.0E-03	6.0E-08	1.6E-01	2.7E-02	2.6E-10
13	0.00	2.7E-10	4.0E-01	1.5E-04	1.0E-03	6.3E-08	1.6E-01	2.7E-02	2.7E-10
14	0.00	2.9E-10	4.2E-01	1.5E-04	1.0E-03	6.6E-08	1.6E-01	2.7E-02	2.9E-10
15	0.00	3.0E-10	4.4E-01	1.5E-04	1.0E-03	6.9E-08	1.6E-01	2.7E-02	3.0E-10
16	0.00	3.0E-10	4.5E-01	1.5E-04	1.0E-03	7.1E-08	1.6E-01	2.7E-02	3.0E-10
17	0.00	1.4E-10	2.0E-01	1.5E-04	1.0E-03	3.1E-08	1.6E-01	2.7E-02	1.4E-10
18	0.00	1.5E-10	2.2E-01	1.5E-04	1.0E-03	3.5E-08	1.6E-01	2.7E-02	1.5E-10
19	0.00	1.7E-10	2.4E-01	1.5E-04	1.0E-03	3.8E-08	1.6E-01	2.7E-02	1.7E-10
20	0.00	1.8E-10	2.7E-01	1.5E-04	1.0E-03	4.2E-08	1.6E-01	2.7E-02	1.8E-10
21	0.00	2.0E-10	2.9E-01	1.5E-04	1.0E-03	4.6E-08	1.6E-01	2.7E-02	2.0E-10
22	0.00	2.1E-10	3.2E-01	1.5E-04	1.0E-03	5.0E-08	1.6E-01	2.7E-02	2.1E-10
23	0.00	2.3E-10	3.4E-01	1.5E-04	1.0E-03	5.4E-08	1.6E-01	2.7E-02	2.3E-10
24	0.00	2.5E-10	3.6E-01	1.5E-04	1.0E-03	5.7E-08	1.6E-01	2.7E-02	2.5E-10
25	0.00	2.6E-10	3.9E-01	1.5E-04	1.0E-03	6.1E-08	1.6E-01	2.7E-02	2.6E-10
26	0.00	2.8E-10	4.1E-01	1.5E-04	1.0E-03	6.4E-08	1.6E-01	2.7E-02	2.8E-10
27	0.00	3.0E-10	4.4E-01	1.5E-04	1.0E-03	6.9E-08	1.6E-01	2.7E-02	3.0E-10
28	0.00	3.2E-10	4.8E-01	1.5E-04	1.0E-03	7.5E-08	1.6E-01	2.7E-02	3.2E-10
29	0.00	3.4E-10	5.1E-01	1.5E-04	1.0E-03	8.0E-08	1.6E-01	2.7E-02	3.4E-10
30	0.00	3.6E-10	5.3E-01	1.5E-04	1.0E-03	8.4E-08	1.6E-01	2.7E-02	3.6E-10
31	0.00	3.7E-10	5.5E-01	1.5E-04	1.0E-03	8.7E-08	1.6E-01	2.7E-02	3.7E-10
32	0.00	3.8E-10	5.6E-01	1.5E-04	1.0E-03	8.8E-08	1.6E-01	2.7E-02	3.8E-10
33	0.00	1.5E-10	2.2E-01	1.5E-04	1.0E-03	3.5E-08	1.6E-01	2.7E-02	1.5E-10
34	0.00	1.7E-10	2.5E-01	1.5E-04	1.0E-03	3.9E-08	1.6E-01	2.7E-02	1.7E-10
35	0.00	1.9E-10	2.8E-01	1.5E-04	1.0E-03	4.4E-08	1.6E-01	2.7E-02	1.9E-10
36	0.00	2.1E-10	3.1E-01	1.5E-04	1.0E-03	4.9E-08	1.6E-01	2.7E-02	2.1E-10
37	0.00	2.4E-10	3.5E-01	1.5E-04	1.0E-03	5.5E-08	1.6E-01	2.7E-02	2.4E-10
38	0.00	2.6E-10	3.8E-01	1.5E-04	1.0E-03	6.0E-08	1.6E-01	2.7E-02	2.6E-10
39	0.00	2.8E-10	4.2E-01	1.5E-04	1.0E-03	6.6E-08	1.6E-01	2.7E-02	2.8E-10

40	0.00	3.0E-10	4.5E-01	1.5E-04	1.0E-03	7.1E-08	1.6E-01	2.7E-02	3.0E-10
41	0.00	3.3E-10	4.8E-01	1.5E-04	1.0E-03	7.6E-08	1.6E-01	2.7E-02	3.3E-10
42	0.00	3.5E-10	5.2E-01	1.5E-04	1.0E-03	8.1E-08	1.6E-01	2.7E-02	3.5E-10
43	0.00	3.9E-10	5.7E-01	1.5E-04	1.0E-03	9.0E-08	1.6E-01	2.7E-02	3.9E-10
44	0.00	4.2E-10	6.2E-01	1.5E-04	1.0E-03	9.7E-08	1.6E-01	2.7E-02	4.2E-10
45	0.00	4.5E-10	6.6E-01	1.5E-04	1.0E-03	1.0E-07	1.6E-01	2.7E-02	4.5E-10
46	0.00	4.7E-10	6.9E-01	1.5E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-02	4.7E-10
47	0.00	4.8E-10	7.1E-01	1.5E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-02	4.8E-10
48	0.00	4.7E-10	7.0E-01	1.5E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-02	4.7E-10
49	0.00	1.7E-10	2.5E-01	1.5E-04	1.0E-03	3.9E-08	1.6E-01	2.7E-02	1.7E-10
50	0.00	1.9E-10	2.9E-01	1.5E-04	1.0E-03	4.5E-08	1.6E-01	2.7E-02	1.9E-10
51	0.00	2.2E-10	3.3E-01	1.5E-04	1.0E-03	5.1E-08	1.6E-01	2.7E-02	2.2E-10
52	0.00	2.5E-10	3.7E-01	1.5E-04	1.0E-03	5.8E-08	1.6E-01	2.7E-02	2.5E-10
53	0.00	2.8E-10	4.2E-01	1.5E-04	1.0E-03	6.6E-08	1.6E-01	2.7E-02	2.8E-10
54	0.00	3.2E-10	4.7E-01	1.5E-04	1.0E-03	7.4E-08	1.6E-01	2.7E-02	3.2E-10
55	0.00	3.5E-10	5.2E-01	1.5E-04	1.0E-03	8.2E-08	1.6E-01	2.7E-02	3.5E-10
56	0.00	3.9E-10	5.7E-01	1.5E-04	1.0E-03	8.9E-08	1.6E-01	2.7E-02	3.9E-10
57	0.00	4.2E-10	6.2E-01	1.5E-04	1.0E-03	9.7E-08	1.6E-01	2.7E-02	4.2E-10
58	0.00	4.6E-10	6.8E-01	1.5E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-02	4.6E-10
59	0.00	5.2E-10	7.7E-01	1.5E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-02	5.2E-10
60	0.00	5.6E-10	8.3E-01	1.5E-04	1.0E-03	1.3E-07	1.6E-01	2.7E-02	5.6E-10
61	0.00	6.0E-10	8.9E-01	1.5E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-02	6.0E-10
62	0.00	6.2E-10	9.1E-01	1.5E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-02	6.2E-10
63	0.00	6.2E-10	9.1E-01	1.5E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-02	6.2E-10
64	0.00	6.0E-10	8.8E-01	1.5E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-02	6.0E-10
65	0.00	1.9E-10	2.8E-01	1.5E-04	1.0E-03	4.4E-08	1.6E-01	2.7E-02	1.9E-10
66	0.00	2.2E-10	3.3E-01	1.5E-04	1.0E-03	5.1E-08	1.6E-01	2.7E-02	2.2E-10
67	0.00	2.6E-10	3.8E-01	1.5E-04	1.0E-03	6.0E-08	1.6E-01	2.7E-02	2.6E-10
68	0.00	3.0E-10	4.4E-01	1.5E-04	1.0E-03	7.0E-08	1.6E-01	2.7E-02	3.0E-10
69	0.00	3.5E-10	5.2E-01	1.5E-04	1.0E-03	8.1E-08	1.6E-01	2.7E-02	3.5E-10
70	0.00	4.0E-10	6.0E-01	1.5E-04	1.0E-03	9.4E-08	1.6E-01	2.7E-02	4.0E-10
71	0.00	4.6E-10	6.8E-01	1.5E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-02	4.6E-10
72	0.00	5.1E-10	7.5E-01	1.5E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-02	5.1E-10
73	0.00	5.6E-10	8.4E-01	1.5E-04	1.0E-03	1.3E-07	1.6E-01	2.7E-02	5.6E-10
74	0.00	6.5E-10	9.5E-01	1.5E-04	1.0E-03	1.5E-07	1.6E-01	2.7E-02	6.5E-10
75	0.00	7.2E-10	1.1E+00	1.5E-04	1.0E-03	1.7E-07	1.6E-01	2.7E-02	7.2E-10
76	0.00	7.9E-10	1.2E+00	1.5E-04	1.0E-03	1.8E-07	1.6E-01	2.7E-02	7.9E-10
77	0.00	8.3E-10	1.2E+00	1.5E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-02	8.3E-10
78	0.00	8.3E-10	1.2E+00	1.5E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-02	8.3E-10
79	0.00	8.0E-10	1.2E+00	1.5E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-02	8.0E-10
80	0.00	7.4E-10	1.1E+00	1.5E-04	1.0E-03	1.7E-07	1.6E-01	2.7E-02	7.4E-10
81	0.00	2.1E-10	3.1E-01	1.5E-04	1.0E-03	4.9E-08	1.6E-01	2.7E-02	2.1E-10
82	0.00	2.5E-10	3.7E-01	1.5E-04	1.0E-03	5.8E-08	1.6E-01	2.7E-02	2.5E-10
83	0.00	3.0E-10	4.5E-01	1.5E-04	1.0E-03	7.0E-08	1.6E-01	2.7E-02	3.0E-10
84	0.00	3.6E-10	5.4E-01	1.5E-04	1.0E-03	8.4E-08	1.6E-01	2.7E-02	3.6E-10
85	0.00	4.4E-10	6.5E-01	1.5E-04	1.0E-03	1.0E-07	1.6E-01	2.7E-02	4.4E-10

86	0.00	5.2E-10	7.7E-01	1.5E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-02	5.2E-10
87	0.00	6.2E-10	9.1E-01	1.5E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-02	6.2E-10
88	0.00	7.1E-10	1.1E+00	1.5E-04	1.0E-03	1.7E-07	1.6E-01	2.7E-02	7.1E-10
89	0.00	8.1E-10	1.2E+00	1.5E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-02	8.1E-10
90	0.00	9.6E-10	1.4E+00	1.5E-04	1.0E-03	2.2E-07	1.6E-01	2.7E-02	9.6E-10
91	0.00	1.1E-09	1.6E+00	1.5E-04	1.0E-03	2.5E-07	1.6E-01	2.7E-02	1.1E-09
92	0.00	1.2E-09	1.7E+00	1.5E-04	1.0E-03	2.7E-07	1.6E-01	2.7E-02	1.2E-09
93	0.00	1.2E-09	1.7E+00	1.5E-04	1.0E-03	2.7E-07	1.6E-01	2.7E-02	1.2E-09
94	0.00	1.1E-09	1.7E+00	1.5E-04	1.0E-03	2.6E-07	1.6E-01	2.7E-02	1.1E-09
95	0.00	1.0E-09	1.5E+00	1.5E-04	1.0E-03	2.4E-07	1.6E-01	2.7E-02	1.0E-09
96	0.00	9.0E-10	1.3E+00	1.5E-04	1.0E-03	2.1E-07	1.6E-01	2.7E-02	9.0E-10
97	0.00	2.4E-10	3.5E-01	1.5E-04	1.0E-03	5.5E-08	1.6E-01	2.7E-02	2.4E-10
98	0.00	2.8E-10	4.2E-01	1.5E-04	1.0E-03	6.6E-08	1.6E-01	2.7E-02	2.8E-10
99	0.00	3.5E-10	5.2E-01	1.5E-04	1.0E-03	8.2E-08	1.6E-01	2.7E-02	3.5E-10
100	0.00	4.4E-10	6.5E-01	1.5E-04	1.0E-03	1.0E-07	1.6E-01	2.7E-02	4.4E-10
101	0.00	5.5E-10	8.2E-01	1.5E-04	1.0E-03	1.3E-07	1.6E-01	2.7E-02	5.5E-10
102	0.00	7.0E-10	1.0E+00	1.5E-04	1.0E-03	1.6E-07	1.6E-01	2.7E-02	7.0E-10
103	0.00	8.7E-10	1.3E+00	1.5E-04	1.0E-03	2.0E-07	1.6E-01	2.7E-02	8.7E-10
104	0.00	1.1E-09	1.6E+00	1.5E-04	1.0E-03	2.5E-07	1.6E-01	2.7E-02	1.1E-09
105	0.00	1.3E-09	1.9E+00	1.5E-04	1.0E-03	2.9E-07	1.6E-01	2.7E-02	1.3E-09
106	0.00	1.5E-09	2.3E+00	1.5E-04	1.0E-03	3.6E-07	1.6E-01	2.7E-02	1.5E-09
107	0.00	1.7E-09	2.6E+00	1.5E-04	1.0E-03	4.0E-07	1.6E-01	2.7E-02	1.7E-09
108	0.00	1.8E-09	2.7E+00	1.5E-04	1.0E-03	4.2E-07	1.6E-01	2.7E-02	1.8E-09
109	0.00	1.7E-09	2.5E+00	1.5E-04	1.0E-03	3.9E-07	1.6E-01	2.7E-02	1.7E-09
110	0.00	1.5E-09	2.2E+00	1.5E-04	1.0E-03	3.4E-07	1.6E-01	2.7E-02	1.5E-09
111	0.00	1.3E-09	1.9E+00	1.5E-04	1.0E-03	2.9E-07	1.6E-01	2.7E-02	1.3E-09
112	0.00	1.0E-09	1.6E+00	1.5E-04	1.0E-03	2.4E-07	1.6E-01	2.7E-02	1.0E-09
113	0.00	2.6E-10	3.8E-01	1.5E-04	1.0E-03	6.0E-08	1.6E-01	2.7E-02	2.6E-10
114	0.00	3.2E-10	4.7E-01	1.5E-04	1.0E-03	7.4E-08	1.6E-01	2.7E-02	3.2E-10
115	0.00	4.1E-10	6.0E-01	1.5E-04	1.0E-03	9.4E-08	1.6E-01	2.7E-02	4.1E-10
116	0.00	5.3E-10	7.8E-01	1.5E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-02	5.3E-10
117	0.00	7.1E-10	1.0E+00	1.5E-04	1.0E-03	1.6E-07	1.6E-01	2.7E-02	7.1E-10
118	0.00	2.9E-09	4.2E+00	1.5E-04	1.0E-03	6.6E-07	1.6E-01	2.7E-02	2.9E-09
119	0.00	3.1E-09	4.5E+00	1.5E-04	1.0E-03	7.1E-07	1.6E-01	2.7E-02	3.1E-09
120	0.00	2.8E-09	4.2E+00	1.5E-04	1.0E-03	6.5E-07	1.6E-01	2.7E-02	2.8E-09
121	0.00	2.3E-09	3.5E+00	1.5E-04	1.0E-03	5.4E-07	1.6E-01	2.7E-02	2.3E-09
122	0.00	1.9E-09	2.8E+00	1.5E-04	1.0E-03	4.3E-07	1.6E-01	2.7E-02	1.9E-09
123	0.00	1.5E-09	2.2E+00	1.5E-04	1.0E-03	3.4E-07	1.6E-01	2.7E-02	1.5E-09
124	0.00	1.2E-09	1.7E+00	1.5E-04	1.0E-03	2.7E-07	1.6E-01	2.7E-02	1.2E-09
125	0.00	2.8E-10	4.1E-01	1.5E-04	1.0E-03	6.4E-08	1.6E-01	2.7E-02	2.8E-10
126	0.00	3.5E-10	5.2E-01	1.5E-04	1.0E-03	8.1E-08	1.6E-01	2.7E-02	3.5E-10
127	0.00	4.6E-10	6.8E-01	1.5E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-02	4.6E-10
128	0.00	6.2E-10	9.2E-01	1.5E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-02	6.2E-10
129	0.00	8.8E-10	1.3E+00	1.5E-04	1.0E-03	2.0E-07	1.6E-01	2.7E-02	8.8E-10
130	0.01	6.3E-09	9.4E+00	1.5E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.3E-09
131	0.01	5.6E-09	8.3E+00	1.5E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.6E-09

132	0.00	4.2E-09	6.1E+00	1.5E-04	1.0E-03	9.6E-07	1.6E-01	2.7E-02	4.2E-09
133	0.00	3.0E-09	4.4E+00	1.5E-04	1.0E-03	6.9E-07	1.6E-01	2.7E-02	3.0E-09
134	0.00	2.1E-09	3.1E+00	1.5E-04	1.0E-03	4.9E-07	1.6E-01	2.7E-02	2.1E-09
135	0.00	1.6E-09	2.3E+00	1.5E-04	1.0E-03	3.6E-07	1.6E-01	2.7E-02	1.6E-09
136	0.00	1.2E-09	1.7E+00	1.5E-04	1.0E-03	2.7E-07	1.6E-01	2.7E-02	1.2E-09
137	0.00	2.9E-10	4.3E-01	1.5E-04	1.0E-03	6.7E-08	1.6E-01	2.7E-02	2.9E-10
138	0.00	3.7E-10	5.5E-01	1.5E-04	1.0E-03	8.6E-08	1.6E-01	2.7E-02	3.7E-10
139	0.00	4.9E-10	7.3E-01	1.5E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-02	4.9E-10
140	0.00	7.0E-10	1.0E+00	1.5E-04	1.0E-03	1.6E-07	1.6E-01	2.7E-02	7.0E-10
141	0.00	1.0E-09	1.5E+00	1.5E-04	1.0E-03	2.4E-07	1.6E-01	2.7E-02	1.0E-09
142	0.02	1.6E-08	2.3E+01	1.5E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-02	1.6E-08
143	0.01	9.1E-09	1.3E+01	1.5E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-02	9.1E-09
144	0.01	5.2E-09	7.7E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.2E-09
145	0.00	3.3E-09	4.8E+00	1.5E-04	1.0E-03	7.6E-07	1.6E-01	2.7E-02	3.3E-09
146	0.00	2.1E-09	3.2E+00	1.5E-04	1.0E-03	5.0E-07	1.6E-01	2.7E-02	2.1E-09
147	0.00	1.5E-09	2.2E+00	1.5E-04	1.0E-03	3.5E-07	1.6E-01	2.7E-02	1.5E-09
148	0.00	1.1E-09	1.6E+00	1.5E-04	1.0E-03	2.6E-07	1.6E-01	2.7E-02	1.1E-09
149	0.00	2.9E-10	4.4E-01	1.5E-04	1.0E-03	6.8E-08	1.6E-01	2.7E-02	2.9E-10
150	0.00	3.8E-10	5.6E-01	1.5E-04	1.0E-03	8.8E-08	1.6E-01	2.7E-02	3.8E-10
151	0.00	5.1E-10	7.6E-01	1.5E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-02	5.1E-10
152	0.00	7.3E-10	1.1E+00	1.5E-04	1.0E-03	1.7E-07	1.6E-01	2.7E-02	7.3E-10
153	0.00	1.1E-09	1.7E+00	1.5E-04	1.0E-03	2.6E-07	1.6E-01	2.7E-02	1.1E-09
154	0.04	3.8E-08	5.6E+01	1.5E-04	1.0E-03	8.8E-06	1.6E-01	2.7E-02	3.8E-08
155	0.01	1.0E-08	1.5E+01	1.5E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
156	0.00	4.7E-09	7.0E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.7E-09
157	0.00	2.9E-09	4.3E+00	1.5E-04	1.0E-03	6.8E-07	1.6E-01	2.7E-02	2.9E-09
158	0.00	1.9E-09	2.8E+00	1.5E-04	1.0E-03	4.4E-07	1.6E-01	2.7E-02	1.9E-09
159	0.00	1.3E-09	1.9E+00	1.5E-04	1.0E-03	3.0E-07	1.6E-01	2.7E-02	1.3E-09
160	0.00	9.6E-10	1.4E+00	1.5E-04	1.0E-03	2.2E-07	1.6E-01	2.7E-02	9.6E-10
161	0.00	2.6E-10	3.9E-01	1.5E-04	1.0E-03	6.1E-08	1.6E-01	2.7E-02	2.6E-10
162	0.00	3.5E-10	5.1E-01	1.5E-04	1.0E-03	8.0E-08	1.6E-01	2.7E-02	3.5E-10
163	0.00	4.7E-10	6.9E-01	1.5E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-02	4.7E-10
164	0.00	6.9E-10	1.0E+00	1.5E-04	1.0E-03	1.6E-07	1.6E-01	2.7E-02	6.9E-10
165	0.00	1.1E-09	1.6E+00	1.5E-04	1.0E-03	2.5E-07	1.6E-01	2.7E-02	1.1E-09
166	0.00	1.9E-09	2.8E+00	1.5E-04	1.0E-03	4.4E-07	1.6E-01	2.7E-02	1.9E-09
167	0.00	4.3E-09	6.3E+00	1.5E-04	1.0E-03	9.9E-07	1.6E-01	2.7E-02	4.3E-09
168	0.01	1.5E-08	2.2E+01	1.5E-04	1.0E-03	3.4E-06	1.6E-01	2.7E-02	1.5E-08
169	0.03	3.0E-08	4.5E+01	1.5E-04	1.0E-03	7.1E-06	1.6E-01	2.7E-02	3.0E-08
170	0.02	1.7E-08	2.5E+01	1.5E-04	1.0E-03	3.9E-06	1.6E-01	2.7E-02	1.7E-08
171	0.01	7.2E-09	1.1E+01	1.5E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.2E-09
172	0.00	3.4E-09	5.1E+00	1.5E-04	1.0E-03	8.0E-07	1.6E-01	2.7E-02	3.4E-09
173	0.00	2.1E-09	3.2E+00	1.5E-04	1.0E-03	5.0E-07	1.6E-01	2.7E-02	2.1E-09
174	0.00	1.5E-09	2.3E+00	1.5E-04	1.0E-03	3.6E-07	1.6E-01	2.7E-02	1.5E-09
175	0.00	1.1E-09	1.6E+00	1.5E-04	1.0E-03	2.5E-07	1.6E-01	2.7E-02	1.1E-09
176	0.00	8.1E-10	1.2E+00	1.5E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-02	8.1E-10
177	0.00	2.5E-10	3.7E-01	1.5E-04	1.0E-03	5.8E-08	1.6E-01	2.7E-02	2.5E-10

178	0.00	3.2E-10	4.7E-01	1.5E-04	1.0E-03	7.5E-08	1.6E-01	2.7E-02	3.2E-10
179	0.00	4.1E-10	6.1E-01	1.5E-04	1.0E-03	9.6E-08	1.6E-01	2.7E-02	4.1E-10
180	0.00	6.4E-10	9.5E-01	1.5E-04	1.0E-03	1.5E-07	1.6E-01	2.7E-02	6.4E-10
181	0.00	9.5E-10	1.4E+00	1.5E-04	1.0E-03	2.2E-07	1.6E-01	2.7E-02	9.5E-10
182	0.00	1.5E-09	2.2E+00	1.5E-04	1.0E-03	3.5E-07	1.6E-01	2.7E-02	1.5E-09
183	0.00	2.8E-09	4.1E+00	1.5E-04	1.0E-03	6.4E-07	1.6E-01	2.7E-02	2.8E-09
184	0.01	5.3E-09	7.8E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.3E-09
185	0.01	7.8E-09	1.2E+01	1.5E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.8E-09
186	0.01	6.7E-09	1.0E+01	1.5E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-02	6.7E-09
187	0.00	4.3E-09	6.4E+00	1.5E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-02	4.3E-09
188	0.00	2.7E-09	4.0E+00	1.5E-04	1.0E-03	6.3E-07	1.6E-01	2.7E-02	2.7E-09
189	0.00	1.6E-09	2.4E+00	1.5E-04	1.0E-03	3.8E-07	1.6E-01	2.7E-02	1.6E-09
190	0.00	1.2E-09	1.8E+00	1.5E-04	1.0E-03	2.9E-07	1.6E-01	2.7E-02	1.2E-09
191	0.00	9.2E-10	1.4E+00	1.5E-04	1.0E-03	2.1E-07	1.6E-01	2.7E-02	9.2E-10
192	0.00	7.0E-10	1.0E+00	1.5E-04	1.0E-03	1.6E-07	1.6E-01	2.7E-02	7.0E-10
193	0.00	2.5E-10	3.7E-01	1.5E-04	1.0E-03	5.7E-08	1.6E-01	2.7E-02	2.5E-10
194	0.00	3.2E-10	4.7E-01	1.5E-04	1.0E-03	7.4E-08	1.6E-01	2.7E-02	3.2E-10
195	0.00	4.2E-10	6.2E-01	1.5E-04	1.0E-03	9.8E-08	1.6E-01	2.7E-02	4.2E-10
196	0.00	5.6E-10	8.3E-01	1.5E-04	1.0E-03	1.3E-07	1.6E-01	2.7E-02	5.6E-10
197	0.00	7.7E-10	1.1E+00	1.5E-04	1.0E-03	1.8E-07	1.6E-01	2.7E-02	7.7E-10
198	0.00	1.1E-09	1.7E+00	1.5E-04	1.0E-03	2.7E-07	1.6E-01	2.7E-02	1.1E-09
199	0.00	1.8E-09	2.7E+00	1.5E-04	1.0E-03	4.2E-07	1.6E-01	2.7E-02	1.8E-09
200	0.00	2.7E-09	4.0E+00	1.5E-04	1.0E-03	6.3E-07	1.6E-01	2.7E-02	2.7E-09
201	0.00	3.5E-09	5.2E+00	1.5E-04	1.0E-03	8.1E-07	1.6E-01	2.7E-02	3.5E-09
202	0.00	3.4E-09	5.0E+00	1.5E-04	1.0E-03	7.8E-07	1.6E-01	2.7E-02	3.4E-09
203	0.00	2.5E-09	3.7E+00	1.5E-04	1.0E-03	5.9E-07	1.6E-01	2.7E-02	2.5E-09
204	0.00	1.9E-09	2.8E+00	1.5E-04	1.0E-03	4.3E-07	1.6E-01	2.7E-02	1.9E-09
205	0.00	1.3E-09	2.0E+00	1.5E-04	1.0E-03	3.1E-07	1.6E-01	2.7E-02	1.3E-09
206	0.00	9.6E-10	1.4E+00	1.5E-04	1.0E-03	2.2E-07	1.6E-01	2.7E-02	9.6E-10
207	0.00	7.9E-10	1.2E+00	1.5E-04	1.0E-03	1.8E-07	1.6E-01	2.7E-02	7.9E-10
208	0.00	6.1E-10	9.1E-01	1.5E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-02	6.1E-10
209	0.00	2.4E-10	3.6E-01	1.5E-04	1.0E-03	5.6E-08	1.6E-01	2.7E-02	2.4E-10
210	0.00	3.0E-10	4.4E-01	1.5E-04	1.0E-03	6.9E-08	1.6E-01	2.7E-02	3.0E-10
211	0.00	3.7E-10	5.5E-01	1.5E-04	1.0E-03	8.6E-08	1.6E-01	2.7E-02	3.7E-10
212	0.00	4.7E-10	7.0E-01	1.5E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-02	4.7E-10
213	0.00	6.3E-10	9.3E-01	1.5E-04	1.0E-03	1.5E-07	1.6E-01	2.7E-02	6.3E-10
214	0.00	8.7E-10	1.3E+00	1.5E-04	1.0E-03	2.0E-07	1.6E-01	2.7E-02	8.7E-10
215	0.00	1.2E-09	1.8E+00	1.5E-04	1.0E-03	2.9E-07	1.6E-01	2.7E-02	1.2E-09
216	0.00	1.7E-09	2.4E+00	1.5E-04	1.0E-03	3.8E-07	1.6E-01	2.7E-02	1.7E-09
217	0.00	2.0E-09	2.9E+00	1.5E-04	1.0E-03	4.6E-07	1.6E-01	2.7E-02	2.0E-09
218	0.00	2.0E-09	3.0E+00	1.5E-04	1.0E-03	4.6E-07	1.6E-01	2.7E-02	2.0E-09
219	0.00	1.8E-09	2.7E+00	1.5E-04	1.0E-03	4.2E-07	1.6E-01	2.7E-02	1.8E-09
220	0.00	1.5E-09	2.2E+00	1.5E-04	1.0E-03	3.4E-07	1.6E-01	2.7E-02	1.5E-09
221	0.00	1.2E-09	1.7E+00	1.5E-04	1.0E-03	2.7E-07	1.6E-01	2.7E-02	1.2E-09
222	0.00	8.1E-10	1.2E+00	1.5E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-02	8.1E-10
223	0.00	6.3E-10	9.4E-01	1.5E-04	1.0E-03	1.5E-07	1.6E-01	2.7E-02	6.3E-10

224	0.00	5.5E-10	8.1E-01	1.5E-04	1.0E-03	1.3E-07	1.6E-01	2.7E-02	5.5E-10
225	0.00	2.2E-10	3.3E-01	1.5E-04	1.0E-03	5.1E-08	1.6E-01	2.7E-02	2.2E-10
226	0.00	2.6E-10	3.9E-01	1.5E-04	1.0E-03	6.2E-08	1.6E-01	2.7E-02	2.6E-10
227	0.00	3.2E-10	4.8E-01	1.5E-04	1.0E-03	7.5E-08	1.6E-01	2.7E-02	3.2E-10
228	0.00	4.0E-10	5.9E-01	1.5E-04	1.0E-03	9.3E-08	1.6E-01	2.7E-02	4.0E-10
229	0.00	5.1E-10	7.6E-01	1.5E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-02	5.1E-10
230	0.00	6.8E-10	1.0E+00	1.5E-04	1.0E-03	1.6E-07	1.6E-01	2.7E-02	6.8E-10
231	0.00	8.8E-10	1.3E+00	1.5E-04	1.0E-03	2.1E-07	1.6E-01	2.7E-02	8.8E-10
232	0.00	1.1E-09	1.6E+00	1.5E-04	1.0E-03	2.6E-07	1.6E-01	2.7E-02	1.1E-09
233	0.00	1.3E-09	1.9E+00	1.5E-04	1.0E-03	3.0E-07	1.6E-01	2.7E-02	1.3E-09
234	0.00	1.3E-09	2.0E+00	1.5E-04	1.0E-03	3.1E-07	1.6E-01	2.7E-02	1.3E-09
235	0.00	1.3E-09	1.9E+00	1.5E-04	1.0E-03	3.0E-07	1.6E-01	2.7E-02	1.3E-09
236	0.00	1.1E-09	1.6E+00	1.5E-04	1.0E-03	2.6E-07	1.6E-01	2.7E-02	1.1E-09
237	0.00	9.2E-10	1.4E+00	1.5E-04	1.0E-03	2.1E-07	1.6E-01	2.7E-02	9.2E-10
238	0.00	7.5E-10	1.1E+00	1.5E-04	1.0E-03	1.7E-07	1.6E-01	2.7E-02	7.5E-10
239	0.00	5.5E-10	8.2E-01	1.5E-04	1.0E-03	1.3E-07	1.6E-01	2.7E-02	5.5E-10
240	0.00	4.5E-10	6.7E-01	1.5E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-02	4.5E-10
241	0.00	2.0E-10	2.9E-01	1.5E-04	1.0E-03	4.6E-08	1.6E-01	2.7E-02	2.0E-10
242	0.00	2.3E-10	3.5E-01	1.5E-04	1.0E-03	5.4E-08	1.6E-01	2.7E-02	2.3E-10
243	0.00	2.8E-10	4.1E-01	1.5E-04	1.0E-03	6.5E-08	1.6E-01	2.7E-02	2.8E-10
244	0.00	3.4E-10	5.0E-01	1.5E-04	1.0E-03	7.8E-08	1.6E-01	2.7E-02	3.4E-10
245	0.00	4.2E-10	6.2E-01	1.5E-04	1.0E-03	9.8E-08	1.6E-01	2.7E-02	4.2E-10
246	0.00	5.3E-10	7.8E-01	1.5E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-02	5.3E-10
247	0.00	6.6E-10	9.8E-01	1.5E-04	1.0E-03	1.5E-07	1.6E-01	2.7E-02	6.6E-10
248	0.00	8.0E-10	1.2E+00	1.5E-04	1.0E-03	1.8E-07	1.6E-01	2.7E-02	8.0E-10
249	0.00	9.0E-10	1.3E+00	1.5E-04	1.0E-03	2.1E-07	1.6E-01	2.7E-02	9.0E-10
250	0.00	9.4E-10	1.4E+00	1.5E-04	1.0E-03	2.2E-07	1.6E-01	2.7E-02	9.4E-10
251	0.00	9.2E-10	1.4E+00	1.5E-04	1.0E-03	2.1E-07	1.6E-01	2.7E-02	9.2E-10
252	0.00	8.5E-10	1.3E+00	1.5E-04	1.0E-03	2.0E-07	1.6E-01	2.7E-02	8.5E-10
253	0.00	7.4E-10	1.1E+00	1.5E-04	1.0E-03	1.7E-07	1.6E-01	2.7E-02	7.4E-10
254	0.00	6.3E-10	9.3E-01	1.5E-04	1.0E-03	1.5E-07	1.6E-01	2.7E-02	6.3E-10
255	0.00	5.2E-10	7.7E-01	1.5E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-02	5.2E-10
256	0.00	4.0E-10	6.0E-01	1.5E-04	1.0E-03	9.3E-08	1.6E-01	2.7E-02	4.0E-10
257	0.00	1.8E-10	2.6E-01	1.5E-04	1.0E-03	4.1E-08	1.6E-01	2.7E-02	1.8E-10
258	0.00	2.1E-10	3.1E-01	1.5E-04	1.0E-03	4.8E-08	1.6E-01	2.7E-02	2.1E-10
259	0.00	2.4E-10	3.6E-01	1.5E-04	1.0E-03	5.6E-08	1.6E-01	2.7E-02	2.4E-10
260	0.00	2.9E-10	4.3E-01	1.5E-04	1.0E-03	6.7E-08	1.6E-01	2.7E-02	2.9E-10
261	0.00	3.5E-10	5.2E-01	1.5E-04	1.0E-03	8.1E-08	1.6E-01	2.7E-02	3.5E-10
262	0.00	4.2E-10	6.3E-01	1.5E-04	1.0E-03	9.9E-08	1.6E-01	2.7E-02	4.2E-10
263	0.00	5.1E-10	7.6E-01	1.5E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-02	5.1E-10
264	0.00	6.0E-10	8.9E-01	1.5E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-02	6.0E-10
265	0.00	6.7E-10	9.8E-01	1.5E-04	1.0E-03	1.5E-07	1.6E-01	2.7E-02	6.7E-10
266	0.00	7.0E-10	1.0E+00	1.5E-04	1.0E-03	1.6E-07	1.6E-01	2.7E-02	7.0E-10
267	0.00	6.9E-10	1.0E+00	1.5E-04	1.0E-03	1.6E-07	1.6E-01	2.7E-02	6.9E-10
268	0.00	6.6E-10	9.7E-01	1.5E-04	1.0E-03	1.5E-07	1.6E-01	2.7E-02	6.6E-10
269	0.00	6.0E-10	8.8E-01	1.5E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-02	6.0E-10

270	0.00	5.3E-10	7.8E-01	1.5E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-02	5.3E-10
271	0.00	4.5E-10	6.7E-01	1.5E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-02	4.5E-10
272	0.00	3.6E-10	5.4E-01	1.5E-04	1.0E-03	8.4E-08	1.6E-01	2.7E-02	3.6E-10
273	0.00	7.0E-10	1.0E+00	1.5E-04	1.0E-03	1.6E-07	1.6E-01	2.7E-02	7.0E-10
274	0.00	7.3E-10	1.1E+00	1.5E-04	1.0E-03	1.7E-07	1.6E-01	2.7E-02	7.3E-10
275	0.00	7.6E-10	1.1E+00	1.5E-04	1.0E-03	1.8E-07	1.6E-01	2.7E-02	7.6E-10
276	0.00	7.9E-10	1.2E+00	1.5E-04	1.0E-03	1.8E-07	1.6E-01	2.7E-02	7.9E-10
277	0.00	8.3E-10	1.2E+00	1.5E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-02	8.3E-10
278	0.00	8.7E-10	1.3E+00	1.5E-04	1.0E-03	2.0E-07	1.6E-01	2.7E-02	8.7E-10
279	0.00	9.0E-10	1.3E+00	1.5E-04	1.0E-03	2.1E-07	1.6E-01	2.7E-02	9.0E-10
280	0.00	9.4E-10	1.4E+00	1.5E-04	1.0E-03	2.2E-07	1.6E-01	2.7E-02	9.4E-10
281	0.00	9.7E-10	1.4E+00	1.5E-04	1.0E-03	2.3E-07	1.6E-01	2.7E-02	9.7E-10
282	0.00	1.0E-09	1.5E+00	1.5E-04	1.0E-03	2.4E-07	1.6E-01	2.7E-02	1.0E-09
283	0.00	1.1E-09	1.6E+00	1.5E-04	1.0E-03	2.5E-07	1.6E-01	2.7E-02	1.1E-09
284	0.00	1.1E-09	1.6E+00	1.5E-04	1.0E-03	2.5E-07	1.6E-01	2.7E-02	1.1E-09
285	0.00	1.1E-09	1.7E+00	1.5E-04	1.0E-03	2.6E-07	1.6E-01	2.7E-02	1.1E-09
286	0.00	1.2E-09	1.7E+00	1.5E-04	1.0E-03	2.7E-07	1.6E-01	2.7E-02	1.2E-09
287	0.00	1.2E-09	1.8E+00	1.5E-04	1.0E-03	2.9E-07	1.6E-01	2.7E-02	1.2E-09
288	0.00	1.3E-09	1.9E+00	1.5E-04	1.0E-03	2.9E-07	1.6E-01	2.7E-02	1.3E-09
289	0.00	1.3E-09	2.0E+00	1.5E-04	1.0E-03	3.1E-07	1.6E-01	2.7E-02	1.3E-09
290	0.00	1.4E-09	2.1E+00	1.5E-04	1.0E-03	3.2E-07	1.6E-01	2.7E-02	1.4E-09
291	0.00	1.5E-09	2.2E+00	1.5E-04	1.0E-03	3.4E-07	1.6E-01	2.7E-02	1.5E-09
292	0.00	1.5E-09	2.2E+00	1.5E-04	1.0E-03	3.5E-07	1.6E-01	2.7E-02	1.5E-09
293	0.00	1.5E-09	2.3E+00	1.5E-04	1.0E-03	3.6E-07	1.6E-01	2.7E-02	1.5E-09
294	0.00	1.6E-09	2.4E+00	1.5E-04	1.0E-03	3.7E-07	1.6E-01	2.7E-02	1.6E-09
295	0.00	1.6E-09	2.4E+00	1.5E-04	1.0E-03	3.8E-07	1.6E-01	2.7E-02	1.6E-09
296	0.00	1.7E-09	2.5E+00	1.5E-04	1.0E-03	3.9E-07	1.6E-01	2.7E-02	1.7E-09
297	0.00	1.7E-09	2.5E+00	1.5E-04	1.0E-03	4.0E-07	1.6E-01	2.7E-02	1.7E-09
298	0.00	1.7E-09	2.6E+00	1.5E-04	1.0E-03	4.0E-07	1.6E-01	2.7E-02	1.7E-09
299	0.00	7.4E-10	1.1E+00	1.5E-04	1.0E-03	1.7E-07	1.6E-01	2.7E-02	7.4E-10
300	0.00	7.8E-10	1.1E+00	1.5E-04	1.0E-03	1.8E-07	1.6E-01	2.7E-02	7.8E-10
301	0.00	8.1E-10	1.2E+00	1.5E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-02	8.1E-10
302	0.00	8.5E-10	1.3E+00	1.5E-04	1.0E-03	2.0E-07	1.6E-01	2.7E-02	8.5E-10
303	0.00	8.9E-10	1.3E+00	1.5E-04	1.0E-03	2.1E-07	1.6E-01	2.7E-02	8.9E-10
304	0.00	9.4E-10	1.4E+00	1.5E-04	1.0E-03	2.2E-07	1.6E-01	2.7E-02	9.4E-10
305	0.00	9.8E-10	1.4E+00	1.5E-04	1.0E-03	2.3E-07	1.6E-01	2.7E-02	9.8E-10
306	0.00	1.0E-09	1.5E+00	1.5E-04	1.0E-03	2.4E-07	1.6E-01	2.7E-02	1.0E-09
307	0.00	1.1E-09	1.6E+00	1.5E-04	1.0E-03	2.5E-07	1.6E-01	2.7E-02	1.1E-09
308	0.00	1.1E-09	1.6E+00	1.5E-04	1.0E-03	2.6E-07	1.6E-01	2.7E-02	1.1E-09
309	0.00	1.2E-09	1.7E+00	1.5E-04	1.0E-03	2.7E-07	1.6E-01	2.7E-02	1.2E-09
310	0.00	1.2E-09	1.8E+00	1.5E-04	1.0E-03	2.8E-07	1.6E-01	2.7E-02	1.2E-09
311	0.00	1.2E-09	1.8E+00	1.5E-04	1.0E-03	2.9E-07	1.6E-01	2.7E-02	1.2E-09
312	0.00	1.3E-09	1.9E+00	1.5E-04	1.0E-03	3.0E-07	1.6E-01	2.7E-02	1.3E-09
313	0.00	1.4E-09	2.0E+00	1.5E-04	1.0E-03	3.2E-07	1.6E-01	2.7E-02	1.4E-09
314	0.00	1.4E-09	2.1E+00	1.5E-04	1.0E-03	3.3E-07	1.6E-01	2.7E-02	1.4E-09
315	0.00	1.5E-09	2.2E+00	1.5E-04	1.0E-03	3.4E-07	1.6E-01	2.7E-02	1.5E-09

316	0.00	1.5E-09	2.3E+00	1.5E-04	1.0E-03	3.6E-07	1.6E-01	2.7E-02	1.5E-09
317	0.00	1.6E-09	2.4E+00	1.5E-04	1.0E-03	3.8E-07	1.6E-01	2.7E-02	1.6E-09
318	0.00	1.7E-09	2.5E+00	1.5E-04	1.0E-03	3.9E-07	1.6E-01	2.7E-02	1.7E-09
319	0.00	1.7E-09	2.6E+00	1.5E-04	1.0E-03	4.0E-07	1.6E-01	2.7E-02	1.7E-09
320	0.00	1.8E-09	2.6E+00	1.5E-04	1.0E-03	4.1E-07	1.6E-01	2.7E-02	1.8E-09
321	0.00	1.8E-09	2.7E+00	1.5E-04	1.0E-03	4.2E-07	1.6E-01	2.7E-02	1.8E-09
322	0.00	1.9E-09	2.8E+00	1.5E-04	1.0E-03	4.3E-07	1.6E-01	2.7E-02	1.9E-09
323	0.00	1.9E-09	2.8E+00	1.5E-04	1.0E-03	4.4E-07	1.6E-01	2.7E-02	1.9E-09
324	0.00	1.9E-09	2.9E+00	1.5E-04	1.0E-03	4.5E-07	1.6E-01	2.7E-02	1.9E-09
325	0.00	7.9E-10	1.2E+00	1.5E-04	1.0E-03	1.8E-07	1.6E-01	2.7E-02	7.9E-10
326	0.00	8.3E-10	1.2E+00	1.5E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-02	8.3E-10
327	0.00	8.7E-10	1.3E+00	1.5E-04	1.0E-03	2.0E-07	1.6E-01	2.7E-02	8.7E-10
328	0.00	9.1E-10	1.4E+00	1.5E-04	1.0E-03	2.1E-07	1.6E-01	2.7E-02	9.1E-10
329	0.00	9.6E-10	1.4E+00	1.5E-04	1.0E-03	2.2E-07	1.6E-01	2.7E-02	9.6E-10
330	0.00	1.0E-09	1.5E+00	1.5E-04	1.0E-03	2.4E-07	1.6E-01	2.7E-02	1.0E-09
331	0.00	1.1E-09	1.6E+00	1.5E-04	1.0E-03	2.5E-07	1.6E-01	2.7E-02	1.1E-09
332	0.00	1.1E-09	1.6E+00	1.5E-04	1.0E-03	2.6E-07	1.6E-01	2.7E-02	1.1E-09
333	0.00	1.2E-09	1.7E+00	1.5E-04	1.0E-03	2.7E-07	1.6E-01	2.7E-02	1.2E-09
334	0.00	1.2E-09	1.8E+00	1.5E-04	1.0E-03	2.8E-07	1.6E-01	2.7E-02	1.2E-09
335	0.00	1.3E-09	1.9E+00	1.5E-04	1.0E-03	3.0E-07	1.6E-01	2.7E-02	1.3E-09
336	0.00	1.3E-09	2.0E+00	1.5E-04	1.0E-03	3.1E-07	1.6E-01	2.7E-02	1.3E-09
337	0.00	1.4E-09	2.0E+00	1.5E-04	1.0E-03	3.2E-07	1.6E-01	2.7E-02	1.4E-09
338	0.00	1.4E-09	2.1E+00	1.5E-04	1.0E-03	3.3E-07	1.6E-01	2.7E-02	1.4E-09
339	0.00	1.5E-09	2.2E+00	1.5E-04	1.0E-03	3.5E-07	1.6E-01	2.7E-02	1.5E-09
340	0.00	1.6E-09	2.3E+00	1.5E-04	1.0E-03	3.6E-07	1.6E-01	2.7E-02	1.6E-09
341	0.00	1.6E-09	2.4E+00	1.5E-04	1.0E-03	3.8E-07	1.6E-01	2.7E-02	1.6E-09
342	0.00	1.7E-09	2.6E+00	1.5E-04	1.0E-03	4.0E-07	1.6E-01	2.7E-02	1.7E-09
343	0.00	1.8E-09	2.7E+00	1.5E-04	1.0E-03	4.2E-07	1.6E-01	2.7E-02	1.8E-09
344	0.00	1.9E-09	2.8E+00	1.5E-04	1.0E-03	4.4E-07	1.6E-01	2.7E-02	1.9E-09
345	0.00	1.9E-09	2.9E+00	1.5E-04	1.0E-03	4.5E-07	1.6E-01	2.7E-02	1.9E-09
346	0.00	2.0E-09	3.0E+00	1.5E-04	1.0E-03	4.6E-07	1.6E-01	2.7E-02	2.0E-09
347	0.00	2.1E-09	3.0E+00	1.5E-04	1.0E-03	4.8E-07	1.6E-01	2.7E-02	2.1E-09
348	0.00	2.1E-09	3.1E+00	1.5E-04	1.0E-03	4.9E-07	1.6E-01	2.7E-02	2.1E-09
349	0.00	2.1E-09	3.2E+00	1.5E-04	1.0E-03	5.0E-07	1.6E-01	2.7E-02	2.1E-09
350	0.00	2.2E-09	3.2E+00	1.5E-04	1.0E-03	5.0E-07	1.6E-01	2.7E-02	2.2E-09
351	0.00	8.4E-10	1.2E+00	1.5E-04	1.0E-03	2.0E-07	1.6E-01	2.7E-02	8.4E-10
352	0.00	8.9E-10	1.3E+00	1.5E-04	1.0E-03	2.1E-07	1.6E-01	2.7E-02	8.9E-10
353	0.00	9.4E-10	1.4E+00	1.5E-04	1.0E-03	2.2E-07	1.6E-01	2.7E-02	9.4E-10
354	0.00	9.9E-10	1.5E+00	1.5E-04	1.0E-03	2.3E-07	1.6E-01	2.7E-02	9.9E-10
355	0.00	1.0E-09	1.5E+00	1.5E-04	1.0E-03	2.4E-07	1.6E-01	2.7E-02	1.0E-09
356	0.00	1.1E-09	1.6E+00	1.5E-04	1.0E-03	2.6E-07	1.6E-01	2.7E-02	1.1E-09
357	0.00	1.2E-09	1.7E+00	1.5E-04	1.0E-03	2.7E-07	1.6E-01	2.7E-02	1.2E-09
358	0.00	1.2E-09	1.8E+00	1.5E-04	1.0E-03	2.8E-07	1.6E-01	2.7E-02	1.2E-09
359	0.00	1.3E-09	1.9E+00	1.5E-04	1.0E-03	3.0E-07	1.6E-01	2.7E-02	1.3E-09
360	0.00	1.3E-09	2.0E+00	1.5E-04	1.0E-03	3.1E-07	1.6E-01	2.7E-02	1.3E-09
361	0.00	1.4E-09	2.1E+00	1.5E-04	1.0E-03	3.3E-07	1.6E-01	2.7E-02	1.4E-09

362	0.00	1.5E-09	2.2E+00	1.5E-04	1.0E-03	3.4E-07	1.6E-01	2.7E-02	1.5E-09
363	0.00	1.5E-09	2.3E+00	1.5E-04	1.0E-03	3.6E-07	1.6E-01	2.7E-02	1.5E-09
364	0.00	1.6E-09	2.4E+00	1.5E-04	1.0E-03	3.7E-07	1.6E-01	2.7E-02	1.6E-09
365	0.00	1.7E-09	2.5E+00	1.5E-04	1.0E-03	3.9E-07	1.6E-01	2.7E-02	1.7E-09
366	0.00	1.8E-09	2.6E+00	1.5E-04	1.0E-03	4.1E-07	1.6E-01	2.7E-02	1.8E-09
367	0.00	1.9E-09	2.7E+00	1.5E-04	1.0E-03	4.3E-07	1.6E-01	2.7E-02	1.9E-09
368	0.00	2.0E-09	2.9E+00	1.5E-04	1.0E-03	4.6E-07	1.6E-01	2.7E-02	2.0E-09
369	0.00	2.1E-09	3.0E+00	1.5E-04	1.0E-03	4.8E-07	1.6E-01	2.7E-02	2.1E-09
370	0.00	2.1E-09	3.1E+00	1.5E-04	1.0E-03	4.9E-07	1.6E-01	2.7E-02	2.1E-09
371	0.00	2.2E-09	3.2E+00	1.5E-04	1.0E-03	5.1E-07	1.6E-01	2.7E-02	2.2E-09
372	0.00	2.3E-09	3.3E+00	1.5E-04	1.0E-03	5.2E-07	1.6E-01	2.7E-02	2.3E-09
373	0.00	2.3E-09	3.4E+00	1.5E-04	1.0E-03	5.4E-07	1.6E-01	2.7E-02	2.3E-09
374	0.00	2.4E-09	3.5E+00	1.5E-04	1.0E-03	5.5E-07	1.6E-01	2.7E-02	2.4E-09
375	0.00	2.4E-09	3.6E+00	1.5E-04	1.0E-03	5.6E-07	1.6E-01	2.7E-02	2.4E-09
376	0.00	2.4E-09	3.6E+00	1.5E-04	1.0E-03	5.6E-07	1.6E-01	2.7E-02	2.4E-09
377	0.00	9.0E-10	1.3E+00	1.5E-04	1.0E-03	2.1E-07	1.6E-01	2.7E-02	9.0E-10
378	0.00	9.5E-10	1.4E+00	1.5E-04	1.0E-03	2.2E-07	1.6E-01	2.7E-02	9.5E-10
379	0.00	1.0E-09	1.5E+00	1.5E-04	1.0E-03	2.3E-07	1.6E-01	2.7E-02	1.0E-09
380	0.00	1.1E-09	1.6E+00	1.5E-04	1.0E-03	2.5E-07	1.6E-01	2.7E-02	1.1E-09
381	0.00	1.1E-09	1.7E+00	1.5E-04	1.0E-03	2.6E-07	1.6E-01	2.7E-02	1.1E-09
382	0.00	2.1E-09	3.1E+00	1.5E-04	1.0E-03	4.9E-07	1.6E-01	2.7E-02	2.1E-09
383	0.00	2.2E-09	3.3E+00	1.5E-04	1.0E-03	5.2E-07	1.6E-01	2.7E-02	2.2E-09
384	0.00	2.3E-09	3.5E+00	1.5E-04	1.0E-03	5.4E-07	1.6E-01	2.7E-02	2.3E-09
385	0.00	2.4E-09	3.6E+00	1.5E-04	1.0E-03	5.6E-07	1.6E-01	2.7E-02	2.4E-09
386	0.00	2.5E-09	3.7E+00	1.5E-04	1.0E-03	5.8E-07	1.6E-01	2.7E-02	2.5E-09
387	0.00	2.6E-09	3.8E+00	1.5E-04	1.0E-03	6.0E-07	1.6E-01	2.7E-02	2.6E-09
388	0.00	2.6E-09	3.9E+00	1.5E-04	1.0E-03	6.1E-07	1.6E-01	2.7E-02	2.6E-09
389	0.00	2.7E-09	4.0E+00	1.5E-04	1.0E-03	6.2E-07	1.6E-01	2.7E-02	2.7E-09
390	0.00	2.7E-09	4.0E+00	1.5E-04	1.0E-03	6.3E-07	1.6E-01	2.7E-02	2.7E-09
391	0.00	2.7E-09	4.0E+00	1.5E-04	1.0E-03	6.3E-07	1.6E-01	2.7E-02	2.7E-09
392	0.00	9.6E-10	1.4E+00	1.5E-04	1.0E-03	2.2E-07	1.6E-01	2.7E-02	9.6E-10
393	0.00	1.0E-09	1.5E+00	1.5E-04	1.0E-03	2.4E-07	1.6E-01	2.7E-02	1.0E-09
394	0.00	1.1E-09	1.6E+00	1.5E-04	1.0E-03	2.5E-07	1.6E-01	2.7E-02	1.1E-09
395	0.00	1.2E-09	1.7E+00	1.5E-04	1.0E-03	2.7E-07	1.6E-01	2.7E-02	1.2E-09
396	0.00	1.2E-09	1.8E+00	1.5E-04	1.0E-03	2.9E-07	1.6E-01	2.7E-02	1.2E-09
397	0.00	2.4E-09	3.6E+00	1.5E-04	1.0E-03	5.6E-07	1.6E-01	2.7E-02	2.4E-09
398	0.00	2.5E-09	3.8E+00	1.5E-04	1.0E-03	5.9E-07	1.6E-01	2.7E-02	2.5E-09
399	0.00	2.7E-09	4.0E+00	1.5E-04	1.0E-03	6.2E-07	1.6E-01	2.7E-02	2.7E-09
400	0.00	2.8E-09	4.1E+00	1.5E-04	1.0E-03	6.4E-07	1.6E-01	2.7E-02	2.8E-09
401	0.00	2.9E-09	4.2E+00	1.5E-04	1.0E-03	6.6E-07	1.6E-01	2.7E-02	2.9E-09
402	0.00	2.9E-09	4.3E+00	1.5E-04	1.0E-03	6.8E-07	1.6E-01	2.7E-02	2.9E-09
403	0.00	3.0E-09	4.4E+00	1.5E-04	1.0E-03	7.0E-07	1.6E-01	2.7E-02	3.0E-09
404	0.00	3.0E-09	4.5E+00	1.5E-04	1.0E-03	7.0E-07	1.6E-01	2.7E-02	3.0E-09
405	0.00	3.1E-09	4.5E+00	1.5E-04	1.0E-03	7.1E-07	1.6E-01	2.7E-02	3.1E-09
406	0.00	3.1E-09	4.5E+00	1.5E-04	1.0E-03	7.1E-07	1.6E-01	2.7E-02	3.1E-09
407	0.00	1.0E-09	1.5E+00	1.5E-04	1.0E-03	2.4E-07	1.6E-01	2.7E-02	1.0E-09

408	0.00	1.1E-09	1.6E+00	1.5E-04	1.0E-03	2.5E-07	1.6E-01	2.7E-02	1.1E-09
409	0.00	1.2E-09	1.7E+00	1.5E-04	1.0E-03	2.7E-07	1.6E-01	2.7E-02	1.2E-09
410	0.00	1.2E-09	1.8E+00	1.5E-04	1.0E-03	2.9E-07	1.6E-01	2.7E-02	1.2E-09
411	0.00	1.3E-09	2.0E+00	1.5E-04	1.0E-03	3.1E-07	1.6E-01	2.7E-02	1.3E-09
412	0.00	2.8E-09	4.1E+00	1.5E-04	1.0E-03	6.4E-07	1.6E-01	2.7E-02	2.8E-09
413	0.00	2.9E-09	4.3E+00	1.5E-04	1.0E-03	6.8E-07	1.6E-01	2.7E-02	2.9E-09
414	0.00	3.1E-09	4.6E+00	1.5E-04	1.0E-03	7.2E-07	1.6E-01	2.7E-02	3.1E-09
415	0.00	3.2E-09	4.7E+00	1.5E-04	1.0E-03	7.4E-07	1.6E-01	2.7E-02	3.2E-09
416	0.00	3.3E-09	4.9E+00	1.5E-04	1.0E-03	7.7E-07	1.6E-01	2.7E-02	3.3E-09
417	0.00	3.4E-09	5.0E+00	1.5E-04	1.0E-03	7.8E-07	1.6E-01	2.7E-02	3.4E-09
418	0.00	3.4E-09	5.1E+00	1.5E-04	1.0E-03	8.0E-07	1.6E-01	2.7E-02	3.4E-09
419	0.00	3.5E-09	5.1E+00	1.5E-04	1.0E-03	8.0E-07	1.6E-01	2.7E-02	3.5E-09
420	0.00	3.5E-09	5.1E+00	1.5E-04	1.0E-03	8.1E-07	1.6E-01	2.7E-02	3.5E-09
421	0.00	3.5E-09	5.1E+00	1.5E-04	1.0E-03	8.0E-07	1.6E-01	2.7E-02	3.5E-09
422	0.00	1.1E-09	1.6E+00	1.5E-04	1.0E-03	2.5E-07	1.6E-01	2.7E-02	1.1E-09
423	0.00	1.2E-09	1.7E+00	1.5E-04	1.0E-03	2.7E-07	1.6E-01	2.7E-02	1.2E-09
424	0.00	1.2E-09	1.8E+00	1.5E-04	1.0E-03	2.9E-07	1.6E-01	2.7E-02	1.2E-09
425	0.00	1.3E-09	2.0E+00	1.5E-04	1.0E-03	3.1E-07	1.6E-01	2.7E-02	1.3E-09
426	0.00	1.4E-09	2.1E+00	1.5E-04	1.0E-03	3.3E-07	1.6E-01	2.7E-02	1.4E-09
427	0.00	3.2E-09	4.8E+00	1.5E-04	1.0E-03	7.5E-07	1.6E-01	2.7E-02	3.2E-09
428	0.00	3.4E-09	5.1E+00	1.5E-04	1.0E-03	7.9E-07	1.6E-01	2.7E-02	3.4E-09
429	0.00	3.6E-09	5.3E+00	1.5E-04	1.0E-03	8.4E-07	1.6E-01	2.7E-02	3.6E-09
430	0.00	3.7E-09	5.5E+00	1.5E-04	1.0E-03	8.7E-07	1.6E-01	2.7E-02	3.7E-09
431	0.00	3.8E-09	5.7E+00	1.5E-04	1.0E-03	8.9E-07	1.6E-01	2.7E-02	3.8E-09
432	0.00	3.9E-09	5.8E+00	1.5E-04	1.0E-03	9.1E-07	1.6E-01	2.7E-02	3.9E-09
433	0.00	4.0E-09	5.9E+00	1.5E-04	1.0E-03	9.2E-07	1.6E-01	2.7E-02	4.0E-09
434	0.00	4.0E-09	5.9E+00	1.5E-04	1.0E-03	9.2E-07	1.6E-01	2.7E-02	4.0E-09
435	0.00	3.9E-09	5.8E+00	1.5E-04	1.0E-03	9.2E-07	1.6E-01	2.7E-02	3.9E-09
436	0.00	3.9E-09	5.8E+00	1.5E-04	1.0E-03	9.1E-07	1.6E-01	2.7E-02	3.9E-09
437	0.00	1.2E-09	1.7E+00	1.5E-04	1.0E-03	2.7E-07	1.6E-01	2.7E-02	1.2E-09
438	0.00	1.2E-09	1.8E+00	1.5E-04	1.0E-03	2.9E-07	1.6E-01	2.7E-02	1.2E-09
439	0.00	1.3E-09	2.0E+00	1.5E-04	1.0E-03	3.1E-07	1.6E-01	2.7E-02	1.3E-09
440	0.00	1.4E-09	2.1E+00	1.5E-04	1.0E-03	3.4E-07	1.6E-01	2.7E-02	1.4E-09
441	0.00	1.6E-09	2.3E+00	1.5E-04	1.0E-03	3.7E-07	1.6E-01	2.7E-02	1.6E-09
442	0.00	3.9E-09	5.7E+00	1.5E-04	1.0E-03	9.0E-07	1.6E-01	2.7E-02	3.9E-09
443	0.00	4.0E-09	6.0E+00	1.5E-04	1.0E-03	9.4E-07	1.6E-01	2.7E-02	4.0E-09
444	0.00	4.2E-09	6.3E+00	1.5E-04	1.0E-03	9.8E-07	1.6E-01	2.7E-02	4.2E-09
445	0.00	4.4E-09	6.5E+00	1.5E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-02	4.4E-09
446	0.00	4.5E-09	6.7E+00	1.5E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-02	4.5E-09
447	0.00	4.6E-09	6.8E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.6E-09
448	0.00	4.6E-09	6.8E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.6E-09
449	0.00	4.6E-09	6.8E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.6E-09
450	0.00	4.5E-09	6.7E+00	1.5E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-02	4.5E-09
451	0.00	4.4E-09	6.5E+00	1.5E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-02	4.4E-09
452	0.00	1.2E-09	1.8E+00	1.5E-04	1.0E-03	2.9E-07	1.6E-01	2.7E-02	1.2E-09
453	0.00	1.3E-09	2.0E+00	1.5E-04	1.0E-03	3.1E-07	1.6E-01	2.7E-02	1.3E-09

454	0.00	1.5E-09	2.2E+00	1.5E-04	1.0E-03	3.4E-07	1.6E-01	2.7E-02	1.5E-09
455	0.00	1.6E-09	2.3E+00	1.5E-04	1.0E-03	3.7E-07	1.6E-01	2.7E-02	1.6E-09
456	0.00	1.7E-09	2.5E+00	1.5E-04	1.0E-03	4.0E-07	1.6E-01	2.7E-02	1.7E-09
457	0.00	4.6E-09	6.8E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.6E-09
458	0.00	4.8E-09	7.2E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.8E-09
459	0.01	5.0E-09	7.5E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.0E-09
460	0.01	5.2E-09	7.7E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.2E-09
461	0.01	5.3E-09	7.9E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.3E-09
462	0.01	5.4E-09	7.9E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.4E-09
463	0.01	5.3E-09	7.9E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.3E-09
464	0.01	5.3E-09	7.8E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.3E-09
465	0.01	5.1E-09	7.6E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.1E-09
466	0.00	5.0E-09	7.4E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.0E-09
467	0.00	1.3E-09	1.9E+00	1.5E-04	1.0E-03	3.1E-07	1.6E-01	2.7E-02	1.3E-09
468	0.00	1.4E-09	2.1E+00	1.5E-04	1.0E-03	3.3E-07	1.6E-01	2.7E-02	1.4E-09
469	0.00	1.6E-09	2.3E+00	1.5E-04	1.0E-03	3.6E-07	1.6E-01	2.7E-02	1.6E-09
470	0.00	1.7E-09	2.5E+00	1.5E-04	1.0E-03	4.0E-07	1.6E-01	2.7E-02	1.7E-09
471	0.00	1.9E-09	2.8E+00	1.5E-04	1.0E-03	4.4E-07	1.6E-01	2.7E-02	1.9E-09
472	0.01	5.6E-09	8.2E+00	1.5E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.6E-09
473	0.01	5.8E-09	8.6E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	5.8E-09
474	0.01	6.1E-09	9.0E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	6.1E-09
475	0.01	6.2E-09	9.2E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	6.2E-09
476	0.01	6.3E-09	9.4E+00	1.5E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.3E-09
477	0.01	6.3E-09	9.4E+00	1.5E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.3E-09
478	0.01	6.3E-09	9.3E+00	1.5E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.3E-09
479	0.01	6.1E-09	9.0E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	6.1E-09
480	0.01	5.9E-09	8.7E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	5.9E-09
481	0.01	5.6E-09	8.3E+00	1.5E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.6E-09
482	0.00	1.4E-09	2.1E+00	1.5E-04	1.0E-03	3.2E-07	1.6E-01	2.7E-02	1.4E-09
483	0.00	1.5E-09	2.3E+00	1.5E-04	1.0E-03	3.6E-07	1.6E-01	2.7E-02	1.5E-09
484	0.00	1.7E-09	2.5E+00	1.5E-04	1.0E-03	3.9E-07	1.6E-01	2.7E-02	1.7E-09
485	0.00	1.9E-09	2.8E+00	1.5E-04	1.0E-03	4.3E-07	1.6E-01	2.7E-02	1.9E-09
486	0.00	2.1E-09	3.1E+00	1.5E-04	1.0E-03	4.8E-07	1.6E-01	2.7E-02	2.1E-09
487	0.01	6.8E-09	1.0E+01	1.5E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-02	6.8E-09
488	0.01	7.2E-09	1.1E+01	1.5E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.2E-09
489	0.01	7.4E-09	1.1E+01	1.5E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.4E-09
490	0.01	7.6E-09	1.1E+01	1.5E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.6E-09
491	0.01	7.6E-09	1.1E+01	1.5E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.6E-09
492	0.01	7.5E-09	1.1E+01	1.5E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.5E-09
493	0.01	7.3E-09	1.1E+01	1.5E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.3E-09
494	0.01	7.1E-09	1.0E+01	1.5E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-02	7.1E-09
495	0.01	6.7E-09	1.0E+01	1.5E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-02	6.7E-09
496	0.01	6.4E-09	9.4E+00	1.5E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.4E-09
497	0.00	1.5E-09	2.2E+00	1.5E-04	1.0E-03	3.5E-07	1.6E-01	2.7E-02	1.5E-09
498	0.00	1.6E-09	2.4E+00	1.5E-04	1.0E-03	3.8E-07	1.6E-01	2.7E-02	1.6E-09
499	0.00	1.8E-09	2.7E+00	1.5E-04	1.0E-03	4.2E-07	1.6E-01	2.7E-02	1.8E-09

500	0.00	2.0E-09	3.0E+00	1.5E-04	1.0E-03	4.7E-07	1.6E-01	2.7E-02	2.0E-09
501	0.00	2.3E-09	3.4E+00	1.5E-04	1.0E-03	5.3E-07	1.6E-01	2.7E-02	2.3E-09
502	0.01	8.5E-09	1.3E+01	1.5E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.5E-09
503	0.01	8.9E-09	1.3E+01	1.5E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-02	8.9E-09
504	0.01	9.2E-09	1.4E+01	1.5E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-02	9.2E-09
505	0.01	9.3E-09	1.4E+01	1.5E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-02	9.3E-09
506	0.01	9.2E-09	1.4E+01	1.5E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-02	9.2E-09
507	0.01	8.9E-09	1.3E+01	1.5E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-02	8.9E-09
508	0.01	8.6E-09	1.3E+01	1.5E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.6E-09
509	0.01	8.1E-09	1.2E+01	1.5E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.1E-09
510	0.01	7.7E-09	1.1E+01	1.5E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.7E-09
511	0.01	7.1E-09	1.1E+01	1.5E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.1E-09
512	0.00	1.6E-09	2.3E+00	1.5E-04	1.0E-03	3.7E-07	1.6E-01	2.7E-02	1.6E-09
513	0.00	1.7E-09	2.6E+00	1.5E-04	1.0E-03	4.1E-07	1.6E-01	2.7E-02	1.7E-09
514	0.00	2.0E-09	2.9E+00	1.5E-04	1.0E-03	4.5E-07	1.6E-01	2.7E-02	2.0E-09
515	0.00	2.2E-09	3.3E+00	1.5E-04	1.0E-03	5.1E-07	1.6E-01	2.7E-02	2.2E-09
516	0.00	2.5E-09	3.7E+00	1.5E-04	1.0E-03	5.8E-07	1.6E-01	2.7E-02	2.5E-09
517	0.01	1.1E-08	1.6E+01	1.5E-04	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
518	0.01	1.1E-08	1.7E+01	1.5E-04	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
519	0.01	1.2E-08	1.7E+01	1.5E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08
520	0.01	1.1E-08	1.7E+01	1.5E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.1E-08
521	0.01	1.1E-08	1.7E+01	1.5E-04	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
522	0.01	1.1E-08	1.6E+01	1.5E-04	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
523	0.01	1.0E-08	1.5E+01	1.5E-04	1.0E-03	2.3E-06	1.6E-01	2.7E-02	1.0E-08
524	0.01	9.4E-09	1.4E+01	1.5E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.4E-09
525	0.01	8.6E-09	1.3E+01	1.5E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.6E-09
526	0.01	7.9E-09	1.2E+01	1.5E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.9E-09
527	0.00	1.7E-09	2.5E+00	1.5E-04	1.0E-03	3.9E-07	1.6E-01	2.7E-02	1.7E-09
528	0.00	1.9E-09	2.8E+00	1.5E-04	1.0E-03	4.3E-07	1.6E-01	2.7E-02	1.9E-09
529	0.00	2.1E-09	3.1E+00	1.5E-04	1.0E-03	4.9E-07	1.6E-01	2.7E-02	2.1E-09
530	0.00	2.4E-09	3.5E+00	1.5E-04	1.0E-03	5.6E-07	1.6E-01	2.7E-02	2.4E-09
531	0.00	2.8E-09	4.1E+00	1.5E-04	1.0E-03	6.4E-07	1.6E-01	2.7E-02	2.8E-09
532	0.01	1.4E-08	2.1E+01	1.5E-04	1.0E-03	3.3E-06	1.6E-01	2.7E-02	1.4E-08
533	0.01	1.5E-08	2.2E+01	1.5E-04	1.0E-03	3.4E-06	1.6E-01	2.7E-02	1.5E-08
534	0.01	1.5E-08	2.2E+01	1.5E-04	1.0E-03	3.4E-06	1.6E-01	2.7E-02	1.5E-08
535	0.01	1.4E-08	2.1E+01	1.5E-04	1.0E-03	3.3E-06	1.6E-01	2.7E-02	1.4E-08
536	0.01	1.3E-08	2.0E+01	1.5E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
537	0.01	1.3E-08	1.9E+01	1.5E-04	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.3E-08
538	0.01	1.2E-08	1.7E+01	1.5E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08
539	0.01	1.1E-08	1.6E+01	1.5E-04	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
540	0.01	9.6E-09	1.4E+01	1.5E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.6E-09
541	0.01	8.6E-09	1.3E+01	1.5E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.6E-09
542	0.00	1.7E-09	2.6E+00	1.5E-04	1.0E-03	4.1E-07	1.6E-01	2.7E-02	1.7E-09
543	0.00	2.0E-09	2.9E+00	1.5E-04	1.0E-03	4.6E-07	1.6E-01	2.7E-02	2.0E-09
544	0.00	2.3E-09	3.3E+00	1.5E-04	1.0E-03	5.2E-07	1.6E-01	2.7E-02	2.3E-09
545	0.00	2.6E-09	3.8E+00	1.5E-04	1.0E-03	6.0E-07	1.6E-01	2.7E-02	2.6E-09

546	0.00	3.0E-09	4.5E+00	1.5E-04	1.0E-03	7.0E-07	1.6E-01	2.7E-02	3.0E-09
547	0.02	1.9E-08	2.8E+01	1.5E-04	1.0E-03	4.4E-06	1.6E-01	2.7E-02	1.9E-08
548	0.02	1.9E-08	2.8E+01	1.5E-04	1.0E-03	4.5E-06	1.6E-01	2.7E-02	1.9E-08
549	0.02	1.9E-08	2.8E+01	1.5E-04	1.0E-03	4.3E-06	1.6E-01	2.7E-02	1.9E-08
550	0.02	1.8E-08	2.6E+01	1.5E-04	1.0E-03	4.1E-06	1.6E-01	2.7E-02	1.8E-08
551	0.02	1.6E-08	2.3E+01	1.5E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-02	1.6E-08
552	0.01	1.4E-08	2.1E+01	1.5E-04	1.0E-03	3.3E-06	1.6E-01	2.7E-02	1.4E-08
553	0.01	1.3E-08	1.9E+01	1.5E-04	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
554	0.01	1.2E-08	1.7E+01	1.5E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08
555	0.01	1.0E-08	1.5E+01	1.5E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
556	0.01	9.1E-09	1.3E+01	1.5E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-02	9.1E-09
557	0.00	1.8E-09	2.7E+00	1.5E-04	1.0E-03	4.2E-07	1.6E-01	2.7E-02	1.8E-09
558	0.00	2.1E-09	3.1E+00	1.5E-04	1.0E-03	4.8E-07	1.6E-01	2.7E-02	2.1E-09
559	0.00	2.4E-09	3.5E+00	1.5E-04	1.0E-03	5.5E-07	1.6E-01	2.7E-02	2.4E-09
560	0.00	2.8E-09	4.1E+00	1.5E-04	1.0E-03	6.5E-07	1.6E-01	2.7E-02	2.8E-09
561	0.00	3.3E-09	4.8E+00	1.5E-04	1.0E-03	7.6E-07	1.6E-01	2.7E-02	3.3E-09
562	0.03	2.6E-08	3.9E+01	1.5E-04	1.0E-03	6.1E-06	1.6E-01	2.7E-02	2.6E-08
563	0.02	2.5E-08	3.6E+01	1.5E-04	1.0E-03	5.7E-06	1.6E-01	2.7E-02	2.5E-08
564	0.02	2.2E-08	3.2E+01	1.5E-04	1.0E-03	5.1E-06	1.6E-01	2.7E-02	2.2E-08
565	0.02	1.8E-08	2.6E+01	1.5E-04	1.0E-03	4.1E-06	1.6E-01	2.7E-02	1.8E-08
566	0.02	1.5E-08	2.3E+01	1.5E-04	1.0E-03	3.6E-06	1.6E-01	2.7E-02	1.5E-08
567	0.01	1.4E-08	2.0E+01	1.5E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.4E-08
568	0.01	1.2E-08	1.8E+01	1.5E-04	1.0E-03	2.8E-06	1.6E-01	2.7E-02	1.2E-08
569	0.01	1.0E-08	1.5E+01	1.5E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
570	0.01	9.2E-09	1.4E+01	1.5E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-02	9.2E-09
571	0.00	1.9E-09	2.8E+00	1.5E-04	1.0E-03	4.4E-07	1.6E-01	2.7E-02	1.9E-09
572	0.00	2.2E-09	3.2E+00	1.5E-04	1.0E-03	5.1E-07	1.6E-01	2.7E-02	2.2E-09
573	0.00	2.5E-09	3.7E+00	1.5E-04	1.0E-03	5.9E-07	1.6E-01	2.7E-02	2.5E-09
574	0.00	3.0E-09	4.4E+00	1.5E-04	1.0E-03	6.9E-07	1.6E-01	2.7E-02	3.0E-09
575	0.00	3.5E-09	5.2E+00	1.5E-04	1.0E-03	8.2E-07	1.6E-01	2.7E-02	3.5E-09
576	0.03	3.3E-08	4.9E+01	1.5E-04	1.0E-03	7.7E-06	1.6E-01	2.7E-02	3.3E-08
577	0.03	2.8E-08	4.2E+01	1.5E-04	1.0E-03	6.5E-06	1.6E-01	2.7E-02	2.8E-08
578	0.02	2.3E-08	3.3E+01	1.5E-04	1.0E-03	5.3E-06	1.6E-01	2.7E-02	2.3E-08
579	0.02	1.9E-08	2.8E+01	1.5E-04	1.0E-03	4.4E-06	1.6E-01	2.7E-02	1.9E-08
580	0.02	1.6E-08	2.4E+01	1.5E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-02	1.6E-08
581	0.01	1.3E-08	1.9E+01	1.5E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
582	0.01	1.1E-08	1.6E+01	1.5E-04	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
583	0.01	9.4E-09	1.4E+01	1.5E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.4E-09
584	0.00	2.0E-09	2.9E+00	1.5E-04	1.0E-03	4.6E-07	1.6E-01	2.7E-02	2.0E-09
585	0.00	2.3E-09	3.4E+00	1.5E-04	1.0E-03	5.3E-07	1.6E-01	2.7E-02	2.3E-09
586	0.00	2.6E-09	3.9E+00	1.5E-04	1.0E-03	6.1E-07	1.6E-01	2.7E-02	2.6E-09
587	0.00	3.1E-09	4.6E+00	1.5E-04	1.0E-03	7.3E-07	1.6E-01	2.7E-02	3.1E-09
588	0.00	3.7E-09	5.5E+00	1.5E-04	1.0E-03	8.7E-07	1.6E-01	2.7E-02	3.7E-09
589	0.04	3.7E-08	5.5E+01	1.5E-04	1.0E-03	8.6E-06	1.6E-01	2.7E-02	3.7E-08
590	0.03	3.0E-08	4.4E+01	1.5E-04	1.0E-03	7.0E-06	1.6E-01	2.7E-02	3.0E-08
591	0.02	2.4E-08	3.6E+01	1.5E-04	1.0E-03	5.6E-06	1.6E-01	2.7E-02	2.4E-08

592	0.02	1.9E-08	2.8E+01	1.5E-04	1.0E-03	4.4E-06	1.6E-01	2.7E-02	1.9E-08
593	0.02	1.5E-08	2.3E+01	1.5E-04	1.0E-03	3.6E-06	1.6E-01	2.7E-02	1.5E-08
594	0.01	1.2E-08	1.8E+01	1.5E-04	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.2E-08
595	0.01	1.0E-08	1.5E+01	1.5E-04	1.0E-03	2.3E-06	1.6E-01	2.7E-02	1.0E-08
596	0.00	2.0E-09	3.0E+00	1.5E-04	1.0E-03	4.7E-07	1.6E-01	2.7E-02	2.0E-09
597	0.00	2.3E-09	3.5E+00	1.5E-04	1.0E-03	5.4E-07	1.6E-01	2.7E-02	2.3E-09
598	0.00	2.7E-09	4.0E+00	1.5E-04	1.0E-03	6.3E-07	1.6E-01	2.7E-02	2.7E-09
599	0.00	3.2E-09	4.8E+00	1.5E-04	1.0E-03	7.5E-07	1.6E-01	2.7E-02	3.2E-09
600	0.00	3.9E-09	5.8E+00	1.5E-04	1.0E-03	9.1E-07	1.6E-01	2.7E-02	3.9E-09
601	0.03	3.5E-08	5.1E+01	1.5E-04	1.0E-03	8.1E-06	1.6E-01	2.7E-02	3.5E-08
602	0.03	2.6E-08	3.9E+01	1.5E-04	1.0E-03	6.1E-06	1.6E-01	2.7E-02	2.6E-08
603	0.02	2.0E-08	3.0E+01	1.5E-04	1.0E-03	4.7E-06	1.6E-01	2.7E-02	2.0E-08
604	0.02	1.6E-08	2.4E+01	1.5E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-02	1.6E-08
605	0.01	1.3E-08	1.9E+01	1.5E-04	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
606	0.01	1.0E-08	1.5E+01	1.5E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
607	0.00	2.0E-09	3.0E+00	1.5E-04	1.0E-03	4.7E-07	1.6E-01	2.7E-02	2.0E-09
608	0.00	2.4E-09	3.5E+00	1.5E-04	1.0E-03	5.5E-07	1.6E-01	2.7E-02	2.4E-09
609	0.00	2.8E-09	4.1E+00	1.5E-04	1.0E-03	6.5E-07	1.6E-01	2.7E-02	2.8E-09
610	0.00	3.3E-09	4.9E+00	1.5E-04	1.0E-03	7.7E-07	1.6E-01	2.7E-02	3.3E-09
611	0.00	4.0E-09	6.0E+00	1.5E-04	1.0E-03	9.3E-07	1.6E-01	2.7E-02	4.0E-09
612	0.04	3.8E-08	5.6E+01	1.5E-04	1.0E-03	8.8E-06	1.6E-01	2.7E-02	3.8E-08
613	0.03	2.8E-08	4.1E+01	1.5E-04	1.0E-03	6.4E-06	1.6E-01	2.7E-02	2.8E-08
614	0.02	2.1E-08	3.1E+01	1.5E-04	1.0E-03	4.8E-06	1.6E-01	2.7E-02	2.1E-08
615	0.02	1.6E-08	2.4E+01	1.5E-04	1.0E-03	3.8E-06	1.6E-01	2.7E-02	1.6E-08
616	0.01	1.3E-08	1.9E+01	1.5E-04	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
617	0.01	1.0E-08	1.5E+01	1.5E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
618	0.00	2.1E-09	3.0E+00	1.5E-04	1.0E-03	4.8E-07	1.6E-01	2.7E-02	2.1E-09
619	0.00	2.4E-09	3.5E+00	1.5E-04	1.0E-03	5.5E-07	1.6E-01	2.7E-02	2.4E-09
620	0.00	2.8E-09	4.2E+00	1.5E-04	1.0E-03	6.5E-07	1.6E-01	2.7E-02	2.8E-09
621	0.00	3.3E-09	4.9E+00	1.5E-04	1.0E-03	7.7E-07	1.6E-01	2.7E-02	3.3E-09
622	0.00	4.0E-09	6.0E+00	1.5E-04	1.0E-03	9.4E-07	1.6E-01	2.7E-02	4.0E-09
623	0.04	3.7E-08	5.5E+01	1.5E-04	1.0E-03	8.7E-06	1.6E-01	2.7E-02	3.7E-08
624	0.03	2.7E-08	4.0E+01	1.5E-04	1.0E-03	6.2E-06	1.6E-01	2.7E-02	2.7E-08
625	0.02	2.0E-08	3.0E+01	1.5E-04	1.0E-03	4.6E-06	1.6E-01	2.7E-02	2.0E-08
626	0.02	1.6E-08	2.3E+01	1.5E-04	1.0E-03	3.6E-06	1.6E-01	2.7E-02	1.6E-08
627	0.01	1.2E-08	1.8E+01	1.5E-04	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.2E-08
628	0.01	1.0E-08	1.5E+01	1.5E-04	1.0E-03	2.3E-06	1.6E-01	2.7E-02	1.0E-08
629	0.00	2.0E-09	3.0E+00	1.5E-04	1.0E-03	4.7E-07	1.6E-01	2.7E-02	2.0E-09
630	0.00	2.4E-09	3.5E+00	1.5E-04	1.0E-03	5.5E-07	1.6E-01	2.7E-02	2.4E-09
631	0.00	2.8E-09	4.1E+00	1.5E-04	1.0E-03	6.4E-07	1.6E-01	2.7E-02	2.8E-09
632	0.00	3.3E-09	4.9E+00	1.5E-04	1.0E-03	7.7E-07	1.6E-01	2.7E-02	3.3E-09
633	0.00	4.0E-09	5.9E+00	1.5E-04	1.0E-03	9.3E-07	1.6E-01	2.7E-02	4.0E-09
634	0.03	3.3E-08	4.9E+01	1.5E-04	1.0E-03	7.7E-06	1.6E-01	2.7E-02	3.3E-08
635	0.02	2.4E-08	3.6E+01	1.5E-04	1.0E-03	5.6E-06	1.6E-01	2.7E-02	2.4E-08
636	0.02	1.8E-08	2.7E+01	1.5E-04	1.0E-03	4.2E-06	1.6E-01	2.7E-02	1.8E-08
637	0.01	1.4E-08	2.1E+01	1.5E-04	1.0E-03	3.3E-06	1.6E-01	2.7E-02	1.4E-08

638	0.01	1.2E-08	1.7E+01	1.5E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08
639	0.01	9.5E-09	1.4E+01	1.5E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.5E-09
640	0.00	2.0E-09	3.0E+00	1.5E-04	1.0E-03	4.7E-07	1.6E-01	2.7E-02	2.0E-09
641	0.00	2.3E-09	3.4E+00	1.5E-04	1.0E-03	5.4E-07	1.6E-01	2.7E-02	2.3E-09
642	0.00	2.7E-09	4.0E+00	1.5E-04	1.0E-03	6.3E-07	1.6E-01	2.7E-02	2.7E-09
643	0.00	3.2E-09	4.8E+00	1.5E-04	1.0E-03	7.5E-07	1.6E-01	2.7E-02	3.2E-09
644	0.00	3.9E-09	5.8E+00	1.5E-04	1.0E-03	9.1E-07	1.6E-01	2.7E-02	3.9E-09
645	0.03	2.7E-08	4.0E+01	1.5E-04	1.0E-03	6.2E-06	1.6E-01	2.7E-02	2.7E-08
646	0.02	2.1E-08	3.0E+01	1.5E-04	1.0E-03	4.8E-06	1.6E-01	2.7E-02	2.1E-08
647	0.02	1.6E-08	2.4E+01	1.5E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-02	1.6E-08
648	0.01	1.3E-08	1.9E+01	1.5E-04	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
649	0.01	1.1E-08	1.6E+01	1.5E-04	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
650	0.01	8.8E-09	1.3E+01	1.5E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.8E-09
651	0.00	2.0E-09	2.9E+00	1.5E-04	1.0E-03	4.6E-07	1.6E-01	2.7E-02	2.0E-09
652	0.00	2.3E-09	3.4E+00	1.5E-04	1.0E-03	5.3E-07	1.6E-01	2.7E-02	2.3E-09
653	0.00	2.7E-09	3.9E+00	1.5E-04	1.0E-03	6.2E-07	1.6E-01	2.7E-02	2.7E-09
654	0.00	3.1E-09	4.7E+00	1.5E-04	1.0E-03	7.3E-07	1.6E-01	2.7E-02	3.1E-09
655	0.00	3.8E-09	5.6E+00	1.5E-04	1.0E-03	8.8E-07	1.6E-01	2.7E-02	3.8E-09
656	0.00	4.6E-09	6.8E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.6E-09
657	0.01	5.8E-09	8.5E+00	1.5E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.8E-09
658	0.01	7.4E-09	1.1E+01	1.5E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.4E-09
659	0.01	9.9E-09	1.5E+01	1.5E-04	1.0E-03	2.3E-06	1.6E-01	2.7E-02	9.9E-09
660	0.01	1.4E-08	2.0E+01	1.5E-04	1.0E-03	3.2E-06	1.6E-01	2.7E-02	1.4E-08
661	0.02	1.9E-08	2.8E+01	1.5E-04	1.0E-03	4.4E-06	1.6E-01	2.7E-02	1.9E-08
662	0.03	2.6E-08	3.9E+01	1.5E-04	1.0E-03	6.1E-06	1.6E-01	2.7E-02	2.6E-08
663	0.03	3.4E-08	5.0E+01	1.5E-04	1.0E-03	7.9E-06	1.6E-01	2.7E-02	3.4E-08
664	0.04	4.1E-08	6.0E+01	1.5E-04	1.0E-03	9.5E-06	1.6E-01	2.7E-02	4.1E-08
665	0.04	4.5E-08	6.6E+01	1.5E-04	1.0E-03	1.0E-05	1.6E-01	2.7E-02	4.5E-08
666	0.05	4.6E-08	6.8E+01	1.5E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.6E-08
667	0.04	4.4E-08	6.6E+01	1.5E-04	1.0E-03	1.0E-05	1.6E-01	2.7E-02	4.4E-08
668	0.04	4.0E-08	6.0E+01	1.5E-04	1.0E-03	9.4E-06	1.6E-01	2.7E-02	4.0E-08
669	0.03	3.4E-08	5.0E+01	1.5E-04	1.0E-03	7.8E-06	1.6E-01	2.7E-02	3.4E-08
670	0.03	2.7E-08	4.0E+01	1.5E-04	1.0E-03	6.3E-06	1.6E-01	2.7E-02	2.7E-08
671	0.02	2.1E-08	3.1E+01	1.5E-04	1.0E-03	4.9E-06	1.6E-01	2.7E-02	2.1E-08
672	0.02	1.7E-08	2.5E+01	1.5E-04	1.0E-03	4.0E-06	1.6E-01	2.7E-02	1.7E-08
673	0.01	1.4E-08	2.0E+01	1.5E-04	1.0E-03	3.2E-06	1.6E-01	2.7E-02	1.4E-08
674	0.01	1.1E-08	1.7E+01	1.5E-04	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
675	0.01	9.5E-09	1.4E+01	1.5E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.5E-09
676	0.01	8.0E-09	1.2E+01	1.5E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.0E-09
677	0.00	1.9E-09	2.8E+00	1.5E-04	1.0E-03	4.4E-07	1.6E-01	2.7E-02	1.9E-09
678	0.00	2.2E-09	3.2E+00	1.5E-04	1.0E-03	5.1E-07	1.6E-01	2.7E-02	2.2E-09
679	0.00	2.5E-09	3.8E+00	1.5E-04	1.0E-03	5.9E-07	1.6E-01	2.7E-02	2.5E-09
680	0.00	3.0E-09	4.4E+00	1.5E-04	1.0E-03	6.9E-07	1.6E-01	2.7E-02	3.0E-09
681	0.00	3.5E-09	5.2E+00	1.5E-04	1.0E-03	8.2E-07	1.6E-01	2.7E-02	3.5E-09
682	0.00	4.3E-09	6.3E+00	1.5E-04	1.0E-03	9.9E-07	1.6E-01	2.7E-02	4.3E-09
683	0.01	5.2E-09	7.8E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.2E-09

684	0.01	6.7E-09	9.8E+00	1.5E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.7E-09
685	0.01	8.6E-09	1.3E+01	1.5E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.6E-09
686	0.01	1.1E-08	1.7E+01	1.5E-04	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
687	0.01	1.5E-08	2.2E+01	1.5E-04	1.0E-03	3.4E-06	1.6E-01	2.7E-02	1.5E-08
688	0.02	1.9E-08	2.8E+01	1.5E-04	1.0E-03	4.4E-06	1.6E-01	2.7E-02	1.9E-08
689	0.02	2.3E-08	3.5E+01	1.5E-04	1.0E-03	5.4E-06	1.6E-01	2.7E-02	2.3E-08
690	0.03	2.7E-08	4.0E+01	1.5E-04	1.0E-03	6.3E-06	1.6E-01	2.7E-02	2.7E-08
691	0.03	3.0E-08	4.4E+01	1.5E-04	1.0E-03	6.9E-06	1.6E-01	2.7E-02	3.0E-08
692	0.03	3.0E-08	4.5E+01	1.5E-04	1.0E-03	7.1E-06	1.6E-01	2.7E-02	3.0E-08
693	0.03	3.0E-08	4.4E+01	1.5E-04	1.0E-03	6.9E-06	1.6E-01	2.7E-02	3.0E-08
694	0.03	2.7E-08	4.1E+01	1.5E-04	1.0E-03	6.4E-06	1.6E-01	2.7E-02	2.7E-08
695	0.02	2.4E-08	3.6E+01	1.5E-04	1.0E-03	5.6E-06	1.6E-01	2.7E-02	2.4E-08
696	0.02	2.0E-08	3.0E+01	1.5E-04	1.0E-03	4.7E-06	1.6E-01	2.7E-02	2.0E-08
697	0.02	1.7E-08	2.5E+01	1.5E-04	1.0E-03	3.9E-06	1.6E-01	2.7E-02	1.7E-08
698	0.01	1.4E-08	2.1E+01	1.5E-04	1.0E-03	3.3E-06	1.6E-01	2.7E-02	1.4E-08
699	0.01	1.2E-08	1.7E+01	1.5E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08
700	0.01	9.9E-09	1.5E+01	1.5E-04	1.0E-03	2.3E-06	1.6E-01	2.7E-02	9.9E-09
701	0.01	8.4E-09	1.2E+01	1.5E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.4E-09
702	0.01	7.2E-09	1.1E+01	1.5E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.2E-09
703	0.00	1.8E-09	2.7E+00	1.5E-04	1.0E-03	4.3E-07	1.6E-01	2.7E-02	1.8E-09
704	0.00	2.1E-09	3.1E+00	1.5E-04	1.0E-03	4.9E-07	1.6E-01	2.7E-02	2.1E-09
705	0.00	2.4E-09	3.6E+00	1.5E-04	1.0E-03	5.6E-07	1.6E-01	2.7E-02	2.4E-09
706	0.00	2.8E-09	4.1E+00	1.5E-04	1.0E-03	6.5E-07	1.6E-01	2.7E-02	2.8E-09
707	0.00	3.3E-09	4.9E+00	1.5E-04	1.0E-03	7.7E-07	1.6E-01	2.7E-02	3.3E-09
708	0.00	4.0E-09	5.9E+00	1.5E-04	1.0E-03	9.2E-07	1.6E-01	2.7E-02	4.0E-09
709	0.00	4.8E-09	7.1E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.8E-09
710	0.01	6.0E-09	8.8E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	6.0E-09
711	0.01	7.4E-09	1.1E+01	1.5E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.4E-09
712	0.01	9.3E-09	1.4E+01	1.5E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.3E-09
713	0.01	1.2E-08	1.7E+01	1.5E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08
714	0.01	1.4E-08	2.1E+01	1.5E-04	1.0E-03	3.3E-06	1.6E-01	2.7E-02	1.4E-08
715	0.02	1.7E-08	2.5E+01	1.5E-04	1.0E-03	3.9E-06	1.6E-01	2.7E-02	1.7E-08
716	0.02	1.9E-08	2.8E+01	1.5E-04	1.0E-03	4.4E-06	1.6E-01	2.7E-02	1.9E-08
717	0.02	2.1E-08	3.1E+01	1.5E-04	1.0E-03	4.8E-06	1.6E-01	2.7E-02	2.1E-08
718	0.02	2.1E-08	3.2E+01	1.5E-04	1.0E-03	5.0E-06	1.6E-01	2.7E-02	2.1E-08
719	0.02	2.1E-08	3.1E+01	1.5E-04	1.0E-03	4.9E-06	1.6E-01	2.7E-02	2.1E-08
720	0.02	2.0E-08	3.0E+01	1.5E-04	1.0E-03	4.6E-06	1.6E-01	2.7E-02	2.0E-08
721	0.02	1.8E-08	2.7E+01	1.5E-04	1.0E-03	4.2E-06	1.6E-01	2.7E-02	1.8E-08
722	0.02	1.6E-08	2.4E+01	1.5E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-02	1.6E-08
723	0.01	1.4E-08	2.0E+01	1.5E-04	1.0E-03	3.2E-06	1.6E-01	2.7E-02	1.4E-08
724	0.01	1.2E-08	1.7E+01	1.5E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08
725	0.01	1.0E-08	1.5E+01	1.5E-04	1.0E-03	2.3E-06	1.6E-01	2.7E-02	1.0E-08
726	0.01	8.7E-09	1.3E+01	1.5E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.7E-09
727	0.01	7.5E-09	1.1E+01	1.5E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.5E-09
728	0.01	6.5E-09	9.6E+00	1.5E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.5E-09
729	0.00	1.8E-09	2.6E+00	1.5E-04	1.0E-03	4.1E-07	1.6E-01	2.7E-02	1.8E-09

730	0.00	2.0E-09	3.0E+00	1.5E-04	1.0E-03	4.6E-07	1.6E-01	2.7E-02	2.0E-09
731	0.00	2.3E-09	3.4E+00	1.5E-04	1.0E-03	5.3E-07	1.6E-01	2.7E-02	2.3E-09
732	0.00	2.6E-09	3.9E+00	1.5E-04	1.0E-03	6.1E-07	1.6E-01	2.7E-02	2.6E-09
733	0.00	3.1E-09	4.5E+00	1.5E-04	1.0E-03	7.1E-07	1.6E-01	2.7E-02	3.1E-09
734	0.00	3.6E-09	5.4E+00	1.5E-04	1.0E-03	8.4E-07	1.6E-01	2.7E-02	3.6E-09
735	0.00	4.4E-09	6.4E+00	1.5E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-02	4.4E-09
736	0.01	5.3E-09	7.8E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.3E-09
737	0.01	6.3E-09	9.4E+00	1.5E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.3E-09
738	0.01	7.8E-09	1.1E+01	1.5E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.8E-09
739	0.01	9.3E-09	1.4E+01	1.5E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.3E-09
740	0.01	1.1E-08	1.6E+01	1.5E-04	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
741	0.01	1.3E-08	1.9E+01	1.5E-04	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
742	0.01	1.4E-08	2.1E+01	1.5E-04	1.0E-03	3.3E-06	1.6E-01	2.7E-02	1.4E-08
743	0.02	1.5E-08	2.2E+01	1.5E-04	1.0E-03	3.5E-06	1.6E-01	2.7E-02	1.5E-08
744	0.02	1.6E-08	2.3E+01	1.5E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-02	1.6E-08
745	0.02	1.6E-08	2.3E+01	1.5E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-02	1.6E-08
746	0.02	1.5E-08	2.2E+01	1.5E-04	1.0E-03	3.5E-06	1.6E-01	2.7E-02	1.5E-08
747	0.01	1.4E-08	2.1E+01	1.5E-04	1.0E-03	3.3E-06	1.6E-01	2.7E-02	1.4E-08
748	0.01	1.3E-08	1.9E+01	1.5E-04	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.3E-08
749	0.01	1.1E-08	1.7E+01	1.5E-04	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
750	0.01	9.9E-09	1.5E+01	1.5E-04	1.0E-03	2.3E-06	1.6E-01	2.7E-02	9.9E-09
751	0.01	8.7E-09	1.3E+01	1.5E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.7E-09
752	0.01	7.6E-09	1.1E+01	1.5E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.6E-09
753	0.01	6.6E-09	9.8E+00	1.5E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.6E-09
754	0.01	5.8E-09	8.7E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	5.8E-09
755	0.00	1.7E-09	2.5E+00	1.5E-04	1.0E-03	3.9E-07	1.6E-01	2.7E-02	1.7E-09
756	0.00	1.9E-09	2.8E+00	1.5E-04	1.0E-03	4.4E-07	1.6E-01	2.7E-02	1.9E-09
757	0.00	2.1E-09	3.2E+00	1.5E-04	1.0E-03	5.0E-07	1.6E-01	2.7E-02	2.1E-09
758	0.00	2.5E-09	3.6E+00	1.5E-04	1.0E-03	5.7E-07	1.6E-01	2.7E-02	2.5E-09
759	0.00	2.9E-09	4.2E+00	1.5E-04	1.0E-03	6.6E-07	1.6E-01	2.7E-02	2.9E-09
760	0.00	3.3E-09	4.9E+00	1.5E-04	1.0E-03	7.7E-07	1.6E-01	2.7E-02	3.3E-09
761	0.00	3.9E-09	5.8E+00	1.5E-04	1.0E-03	9.1E-07	1.6E-01	2.7E-02	3.9E-09
762	0.00	4.6E-09	6.9E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.6E-09
763	0.01	5.5E-09	8.1E+00	1.5E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.5E-09
764	0.01	6.5E-09	9.6E+00	1.5E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.5E-09
765	0.01	7.6E-09	1.1E+01	1.5E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.6E-09
766	0.01	8.8E-09	1.3E+01	1.5E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.8E-09
767	0.01	1.0E-08	1.5E+01	1.5E-04	1.0E-03	2.3E-06	1.6E-01	2.7E-02	1.0E-08
768	0.01	1.1E-08	1.6E+01	1.5E-04	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
769	0.01	1.2E-08	1.7E+01	1.5E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08
770	0.01	1.2E-08	1.8E+01	1.5E-04	1.0E-03	2.8E-06	1.6E-01	2.7E-02	1.2E-08
771	0.01	1.2E-08	1.8E+01	1.5E-04	1.0E-03	2.8E-06	1.6E-01	2.7E-02	1.2E-08
772	0.01	1.2E-08	1.8E+01	1.5E-04	1.0E-03	2.8E-06	1.6E-01	2.7E-02	1.2E-08
773	0.01	1.1E-08	1.7E+01	1.5E-04	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
774	0.01	1.0E-08	1.5E+01	1.5E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
775	0.01	9.4E-09	1.4E+01	1.5E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.4E-09

776	0.01	8.4E-09	1.2E+01	1.5E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.4E-09
777	0.01	7.5E-09	1.1E+01	1.5E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.5E-09
778	0.01	6.7E-09	9.9E+00	1.5E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-02	6.7E-09
779	0.01	5.9E-09	8.8E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	5.9E-09
780	0.01	5.3E-09	7.8E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.3E-09
781	0.00	1.6E-09	2.4E+00	1.5E-04	1.0E-03	3.7E-07	1.6E-01	2.7E-02	1.6E-09
782	0.00	1.8E-09	2.6E+00	1.5E-04	1.0E-03	4.2E-07	1.6E-01	2.7E-02	1.8E-09
783	0.00	2.0E-09	3.0E+00	1.5E-04	1.0E-03	4.7E-07	1.6E-01	2.7E-02	2.0E-09
784	0.00	2.3E-09	3.4E+00	1.5E-04	1.0E-03	5.3E-07	1.6E-01	2.7E-02	2.3E-09
785	0.00	2.6E-09	3.9E+00	1.5E-04	1.0E-03	6.1E-07	1.6E-01	2.7E-02	2.6E-09
786	0.00	3.0E-09	4.5E+00	1.5E-04	1.0E-03	7.1E-07	1.6E-01	2.7E-02	3.0E-09
787	0.00	3.5E-09	5.2E+00	1.5E-04	1.0E-03	8.2E-07	1.6E-01	2.7E-02	3.5E-09
788	0.00	4.1E-09	6.1E+00	1.5E-04	1.0E-03	9.6E-07	1.6E-01	2.7E-02	4.1E-09
789	0.00	4.8E-09	7.0E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.8E-09
790	0.01	5.5E-09	8.1E+00	1.5E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.5E-09
791	0.01	6.3E-09	9.3E+00	1.5E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.3E-09
792	0.01	7.2E-09	1.1E+01	1.5E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.2E-09
793	0.01	8.0E-09	1.2E+01	1.5E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.0E-09
794	0.01	8.7E-09	1.3E+01	1.5E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.7E-09
795	0.01	9.2E-09	1.4E+01	1.5E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-02	9.2E-09
796	0.01	9.6E-09	1.4E+01	1.5E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.6E-09
797	0.01	9.8E-09	1.5E+01	1.5E-04	1.0E-03	2.3E-06	1.6E-01	2.7E-02	9.8E-09
798	0.01	9.7E-09	1.4E+01	1.5E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.7E-09
799	0.01	9.3E-09	1.4E+01	1.5E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.3E-09
800	0.01	8.6E-09	1.3E+01	1.5E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.6E-09
801	0.01	7.9E-09	1.2E+01	1.5E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.9E-09
802	0.01	7.2E-09	1.1E+01	1.5E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.2E-09
803	0.01	6.6E-09	9.7E+00	1.5E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.6E-09
804	0.01	5.9E-09	8.8E+00	1.5E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	5.9E-09
805	0.01	5.3E-09	7.9E+00	1.5E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.3E-09
806	0.00	4.8E-09	7.1E+00	1.5E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.8E-09

Risk From New Building Paving - Mitigated Residential

Franklin School Project

Risk From New Building Paving - Mitigated Residential

	0.17	Max					Onsite		
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
1	0.00	6.6E-10	2.0E-01	7.2E-04	1.0E-03	1.5E-07	1.6E-01	2.7E-02	6.6E-10
2	0.00	7.3E-10	2.2E-01	7.2E-04	1.0E-03	1.7E-07	1.6E-01	2.7E-02	7.3E-10
3	0.00	8.0E-10	2.5E-01	7.2E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-02	8.0E-10
4	0.00	8.7E-10	2.7E-01	7.2E-04	1.0E-03	2.0E-07	1.6E-01	2.7E-02	8.7E-10
5	0.00	9.5E-10	2.9E-01	7.2E-04	1.0E-03	2.2E-07	1.6E-01	2.7E-02	9.5E-10
6	0.00	1.0E-09	3.2E-01	7.2E-04	1.0E-03	2.4E-07	1.6E-01	2.7E-02	1.0E-09
7	0.00	1.1E-09	3.4E-01	7.2E-04	1.0E-03	2.6E-07	1.6E-01	2.7E-02	1.1E-09
8	0.00	1.2E-09	3.6E-01	7.2E-04	1.0E-03	2.7E-07	1.6E-01	2.7E-02	1.2E-09
9	0.00	1.2E-09	3.8E-01	7.2E-04	1.0E-03	2.9E-07	1.6E-01	2.7E-02	1.2E-09
10	0.00	1.3E-09	4.0E-01	7.2E-04	1.0E-03	3.0E-07	1.6E-01	2.7E-02	1.3E-09
11	0.00	1.4E-09	4.3E-01	7.2E-04	1.0E-03	3.3E-07	1.6E-01	2.7E-02	1.4E-09
12	0.00	1.5E-09	4.6E-01	7.2E-04	1.0E-03	3.5E-07	1.6E-01	2.7E-02	1.5E-09
13	0.00	1.6E-09	4.9E-01	7.2E-04	1.0E-03	3.7E-07	1.6E-01	2.7E-02	1.6E-09
14	0.00	1.7E-09	5.1E-01	7.2E-04	1.0E-03	3.9E-07	1.6E-01	2.7E-02	1.7E-09
15	0.00	1.7E-09	5.3E-01	7.2E-04	1.0E-03	4.0E-07	1.6E-01	2.7E-02	1.7E-09
16	0.00	1.7E-09	5.3E-01	7.2E-04	1.0E-03	4.0E-07	1.6E-01	2.7E-02	1.7E-09
17	0.00	7.4E-10	2.3E-01	7.2E-04	1.0E-03	1.7E-07	1.6E-01	2.7E-02	7.4E-10
18	0.00	8.3E-10	2.6E-01	7.2E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-02	8.3E-10
19	0.00	9.2E-10	2.8E-01	7.2E-04	1.0E-03	2.1E-07	1.6E-01	2.7E-02	9.2E-10
20	0.00	1.0E-09	3.2E-01	7.2E-04	1.0E-03	2.4E-07	1.6E-01	2.7E-02	1.0E-09
21	0.00	1.1E-09	3.5E-01	7.2E-04	1.0E-03	2.6E-07	1.6E-01	2.7E-02	1.1E-09
22	0.00	1.2E-09	3.8E-01	7.2E-04	1.0E-03	2.9E-07	1.6E-01	2.7E-02	1.2E-09
23	0.00	1.3E-09	4.2E-01	7.2E-04	1.0E-03	3.1E-07	1.6E-01	2.7E-02	1.3E-09
24	0.00	1.4E-09	4.4E-01	7.2E-04	1.0E-03	3.3E-07	1.6E-01	2.7E-02	1.4E-09
25	0.00	1.5E-09	4.8E-01	7.2E-04	1.0E-03	3.6E-07	1.6E-01	2.7E-02	1.5E-09
26	0.00	1.7E-09	5.1E-01	7.2E-04	1.0E-03	3.8E-07	1.6E-01	2.7E-02	1.7E-09
27	0.00	1.8E-09	5.6E-01	7.2E-04	1.0E-03	4.2E-07	1.6E-01	2.7E-02	1.8E-09
28	0.00	1.9E-09	6.0E-01	7.2E-04	1.0E-03	4.5E-07	1.6E-01	2.7E-02	1.9E-09
29	0.00	2.1E-09	6.4E-01	7.2E-04	1.0E-03	4.8E-07	1.6E-01	2.7E-02	2.1E-09
30	0.00	2.1E-09	6.6E-01	7.2E-04	1.0E-03	5.0E-07	1.6E-01	2.7E-02	2.1E-09
31	0.00	2.2E-09	6.7E-01	7.2E-04	1.0E-03	5.0E-07	1.6E-01	2.7E-02	2.2E-09
32	0.00	2.1E-09	6.6E-01	7.2E-04	1.0E-03	5.0E-07	1.6E-01	2.7E-02	2.1E-09
33	0.00	8.4E-10	2.6E-01	7.2E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-02	8.4E-10
34	0.00	9.5E-10	2.9E-01	7.2E-04	1.0E-03	2.2E-07	1.6E-01	2.7E-02	9.5E-10
35	0.00	1.1E-09	3.3E-01	7.2E-04	1.0E-03	2.5E-07	1.6E-01	2.7E-02	1.1E-09
36	0.00	1.2E-09	3.8E-01	7.2E-04	1.0E-03	2.8E-07	1.6E-01	2.7E-02	1.2E-09
37	0.00	1.4E-09	4.3E-01	7.2E-04	1.0E-03	3.2E-07	1.6E-01	2.7E-02	1.4E-09
38	0.00	1.5E-09	4.7E-01	7.2E-04	1.0E-03	3.6E-07	1.6E-01	2.7E-02	1.5E-09
39	0.00	1.7E-09	5.2E-01	7.2E-04	1.0E-03	3.9E-07	1.6E-01	2.7E-02	1.7E-09

40	0.00	1.8E-09	5.7E-01	7.2E-04	1.0E-03	4.3E-07	1.6E-01	2.7E-02	1.8E-09
41	0.00	2.0E-09	6.2E-01	7.2E-04	1.0E-03	4.6E-07	1.6E-01	2.7E-02	2.0E-09
42	0.00	2.2E-09	6.7E-01	7.2E-04	1.0E-03	5.1E-07	1.6E-01	2.7E-02	2.2E-09
43	0.00	2.4E-09	7.4E-01	7.2E-04	1.0E-03	5.6E-07	1.6E-01	2.7E-02	2.4E-09
44	0.00	2.6E-09	8.0E-01	7.2E-04	1.0E-03	6.1E-07	1.6E-01	2.7E-02	2.6E-09
45	0.00	2.7E-09	8.4E-01	7.2E-04	1.0E-03	6.4E-07	1.6E-01	2.7E-02	2.7E-09
46	0.00	2.8E-09	8.6E-01	7.2E-04	1.0E-03	6.5E-07	1.6E-01	2.7E-02	2.8E-09
47	0.00	2.8E-09	8.5E-01	7.2E-04	1.0E-03	6.4E-07	1.6E-01	2.7E-02	2.8E-09
48	0.00	2.7E-09	8.2E-01	7.2E-04	1.0E-03	6.2E-07	1.6E-01	2.7E-02	2.7E-09
49	0.00	9.4E-10	2.9E-01	7.2E-04	1.0E-03	2.2E-07	1.6E-01	2.7E-02	9.4E-10
50	0.00	1.1E-09	3.4E-01	7.2E-04	1.0E-03	2.5E-07	1.6E-01	2.7E-02	1.1E-09
51	0.00	1.3E-09	3.9E-01	7.2E-04	1.0E-03	2.9E-07	1.6E-01	2.7E-02	1.3E-09
52	0.00	1.5E-09	4.5E-01	7.2E-04	1.0E-03	3.4E-07	1.6E-01	2.7E-02	1.5E-09
53	0.00	1.7E-09	5.3E-01	7.2E-04	1.0E-03	4.0E-07	1.6E-01	2.7E-02	1.7E-09
54	0.00	2.0E-09	6.0E-01	7.2E-04	1.0E-03	4.5E-07	1.6E-01	2.7E-02	2.0E-09
55	0.00	2.2E-09	6.8E-01	7.2E-04	1.0E-03	5.1E-07	1.6E-01	2.7E-02	2.2E-09
56	0.00	2.4E-09	7.5E-01	7.2E-04	1.0E-03	5.6E-07	1.6E-01	2.7E-02	2.4E-09
57	0.00	2.7E-09	8.3E-01	7.2E-04	1.0E-03	6.2E-07	1.6E-01	2.7E-02	2.7E-09
58	0.00	3.0E-09	9.2E-01	7.2E-04	1.0E-03	7.0E-07	1.6E-01	2.7E-02	3.0E-09
59	0.00	3.4E-09	1.0E+00	7.2E-04	1.0E-03	7.9E-07	1.6E-01	2.7E-02	3.4E-09
60	0.00	3.6E-09	1.1E+00	7.2E-04	1.0E-03	8.4E-07	1.6E-01	2.7E-02	3.6E-09
61	0.00	3.7E-09	1.1E+00	7.2E-04	1.0E-03	8.7E-07	1.6E-01	2.7E-02	3.7E-09
62	0.00	3.7E-09	1.1E+00	7.2E-04	1.0E-03	8.6E-07	1.6E-01	2.7E-02	3.7E-09
63	0.00	3.5E-09	1.1E+00	7.2E-04	1.0E-03	8.1E-07	1.6E-01	2.7E-02	3.5E-09
64	0.00	3.2E-09	1.0E+00	7.2E-04	1.0E-03	7.5E-07	1.6E-01	2.7E-02	3.2E-09
65	0.00	1.1E-09	3.3E-01	7.2E-04	1.0E-03	2.5E-07	1.6E-01	2.7E-02	1.1E-09
66	0.00	1.3E-09	3.9E-01	7.2E-04	1.0E-03	2.9E-07	1.6E-01	2.7E-02	1.3E-09
67	0.00	1.5E-09	4.6E-01	7.2E-04	1.0E-03	3.5E-07	1.6E-01	2.7E-02	1.5E-09
68	0.00	1.8E-09	5.6E-01	7.2E-04	1.0E-03	4.2E-07	1.6E-01	2.7E-02	1.8E-09
69	0.00	2.2E-09	6.7E-01	7.2E-04	1.0E-03	5.0E-07	1.6E-01	2.7E-02	2.2E-09
70	0.00	2.6E-09	7.9E-01	7.2E-04	1.0E-03	6.0E-07	1.6E-01	2.7E-02	2.6E-09
71	0.00	3.0E-09	9.3E-01	7.2E-04	1.0E-03	7.0E-07	1.6E-01	2.7E-02	3.0E-09
72	0.00	3.4E-09	1.0E+00	7.2E-04	1.0E-03	7.9E-07	1.6E-01	2.7E-02	3.4E-09
73	0.00	3.9E-09	1.2E+00	7.2E-04	1.0E-03	9.0E-07	1.6E-01	2.7E-02	3.9E-09
74	0.00	4.5E-09	1.4E+00	7.2E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-02	4.5E-09
75	0.01	5.0E-09	1.5E+00	7.2E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.0E-09
76	0.01	5.2E-09	1.6E+00	7.2E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.2E-09
77	0.01	5.2E-09	1.6E+00	7.2E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.2E-09
78	0.00	4.8E-09	1.5E+00	7.2E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.8E-09
79	0.00	4.4E-09	1.4E+00	7.2E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-02	4.4E-09
80	0.00	3.9E-09	1.2E+00	7.2E-04	1.0E-03	9.0E-07	1.6E-01	2.7E-02	3.9E-09
81	0.00	1.2E-09	3.7E-01	7.2E-04	1.0E-03	2.8E-07	1.6E-01	2.7E-02	1.2E-09
82	0.00	1.4E-09	4.4E-01	7.2E-04	1.0E-03	3.3E-07	1.6E-01	2.7E-02	1.4E-09
83	0.00	1.8E-09	5.5E-01	7.2E-04	1.0E-03	4.1E-07	1.6E-01	2.7E-02	1.8E-09
84	0.00	2.2E-09	6.8E-01	7.2E-04	1.0E-03	5.2E-07	1.6E-01	2.7E-02	2.2E-09
85	0.00	2.8E-09	8.6E-01	7.2E-04	1.0E-03	6.5E-07	1.6E-01	2.7E-02	2.8E-09

86	0.00	3.5E-09	1.1E+00	7.2E-04	1.0E-03	8.1E-07	1.6E-01	2.7E-02	3.5E-09
87	0.00	4.3E-09	1.3E+00	7.2E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-02	4.3E-09
88	0.01	5.2E-09	1.6E+00	7.2E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.2E-09
89	0.01	6.2E-09	1.9E+00	7.2E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	6.2E-09
90	0.01	7.4E-09	2.3E+00	7.2E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.4E-09
91	0.01	7.9E-09	2.4E+00	7.2E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.9E-09
92	0.01	7.8E-09	2.4E+00	7.2E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.8E-09
93	0.01	7.1E-09	2.2E+00	7.2E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.1E-09
94	0.01	6.2E-09	1.9E+00	7.2E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.2E-09
95	0.01	5.3E-09	1.6E+00	7.2E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.3E-09
96	0.00	4.5E-09	1.4E+00	7.2E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-02	4.5E-09
97	0.00	1.3E-09	4.0E-01	7.2E-04	1.0E-03	3.0E-07	1.6E-01	2.7E-02	1.3E-09
98	0.00	1.6E-09	5.0E-01	7.2E-04	1.0E-03	3.8E-07	1.6E-01	2.7E-02	1.6E-09
99	0.00	2.1E-09	6.4E-01	7.2E-04	1.0E-03	4.8E-07	1.6E-01	2.7E-02	2.1E-09
100	0.00	2.7E-09	8.4E-01	7.2E-04	1.0E-03	6.3E-07	1.6E-01	2.7E-02	2.7E-09
101	0.00	3.7E-09	1.1E+00	7.2E-04	1.0E-03	8.5E-07	1.6E-01	2.7E-02	3.7E-09
102	0.01	5.0E-09	1.5E+00	7.2E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.0E-09
103	0.01	6.8E-09	2.1E+00	7.2E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-02	6.8E-09
104	0.01	9.0E-09	2.8E+00	7.2E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-02	9.0E-09
105	0.01	1.1E-08	3.5E+00	7.2E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.1E-08
106	0.01	1.3E-08	4.1E+00	7.2E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
107	0.01	1.3E-08	4.0E+00	7.2E-04	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
108	0.01	1.1E-08	3.5E+00	7.2E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.1E-08
109	0.01	9.5E-09	2.9E+00	7.2E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.5E-09
110	0.01	7.7E-09	2.4E+00	7.2E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.7E-09
111	0.01	6.1E-09	1.9E+00	7.2E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	6.1E-09
112	0.00	5.0E-09	1.5E+00	7.2E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.0E-09
113	0.00	1.4E-09	4.4E-01	7.2E-04	1.0E-03	3.3E-07	1.6E-01	2.7E-02	1.4E-09
114	0.00	1.8E-09	5.6E-01	7.2E-04	1.0E-03	4.2E-07	1.6E-01	2.7E-02	1.8E-09
115	0.00	2.4E-09	7.4E-01	7.2E-04	1.0E-03	5.6E-07	1.6E-01	2.7E-02	2.4E-09
116	0.00	3.3E-09	1.0E+00	7.2E-04	1.0E-03	7.7E-07	1.6E-01	2.7E-02	3.3E-09
117	0.00	4.8E-09	1.5E+00	7.2E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.8E-09
118	0.03	2.7E-08	8.4E+00	7.2E-04	1.0E-03	6.3E-06	1.6E-01	2.7E-02	2.7E-08
119	0.02	2.1E-08	6.6E+00	7.2E-04	1.0E-03	4.9E-06	1.6E-01	2.7E-02	2.1E-08
120	0.02	1.6E-08	4.9E+00	7.2E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-02	1.6E-08
121	0.01	1.2E-08	3.6E+00	7.2E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08
122	0.01	8.7E-09	2.7E+00	7.2E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.7E-09
123	0.01	6.6E-09	2.0E+00	7.2E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.6E-09
124	0.01	5.1E-09	1.6E+00	7.2E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.1E-09
125	0.00	1.5E-09	4.6E-01	7.2E-04	1.0E-03	3.5E-07	1.6E-01	2.7E-02	1.5E-09
126	0.00	1.9E-09	6.0E-01	7.2E-04	1.0E-03	4.5E-07	1.6E-01	2.7E-02	1.9E-09
127	0.00	2.6E-09	8.1E-01	7.2E-04	1.0E-03	6.1E-07	1.6E-01	2.7E-02	2.6E-09
128	0.00	3.8E-09	1.2E+00	7.2E-04	1.0E-03	8.8E-07	1.6E-01	2.7E-02	3.8E-09
129	0.01	5.9E-09	1.8E+00	7.2E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	5.9E-09
130	0.05	5.3E-08	1.6E+01	7.2E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.3E-08
131	0.03	3.1E-08	9.6E+00	7.2E-04	1.0E-03	7.2E-06	1.6E-01	2.7E-02	3.1E-08

132	0.02	1.9E-08	6.0E+00	7.2E-04	1.0E-03	4.5E-06	1.6E-01	2.7E-02	1.9E-08
133	0.01	1.3E-08	4.0E+00	7.2E-04	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
134	0.01	9.1E-09	2.8E+00	7.2E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-02	9.1E-09
135	0.01	6.6E-09	2.0E+00	7.2E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.6E-09
136	0.00	4.9E-09	1.5E+00	7.2E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.9E-09
137	0.00	1.5E-09	4.7E-01	7.2E-04	1.0E-03	3.6E-07	1.6E-01	2.7E-02	1.5E-09
138	0.00	2.0E-09	6.2E-01	7.2E-04	1.0E-03	4.7E-07	1.6E-01	2.7E-02	2.0E-09
139	0.00	2.8E-09	8.5E-01	7.2E-04	1.0E-03	6.4E-07	1.6E-01	2.7E-02	2.8E-09
140	0.00	4.1E-09	1.3E+00	7.2E-04	1.0E-03	9.5E-07	1.6E-01	2.7E-02	4.1E-09
141	0.01	6.5E-09	2.0E+00	7.2E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.5E-09
142	0.07	7.4E-08	2.3E+01	7.2E-04	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.4E-08
143	0.04	3.6E-08	1.1E+01	7.2E-04	1.0E-03	8.4E-06	1.6E-01	2.7E-02	3.6E-08
144	0.02	2.0E-08	6.2E+00	7.2E-04	1.0E-03	4.6E-06	1.6E-01	2.7E-02	2.0E-08
145	0.01	1.3E-08	3.9E+00	7.2E-04	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
146	0.01	8.4E-09	2.6E+00	7.2E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.4E-09
147	0.01	6.0E-09	1.8E+00	7.2E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	6.0E-09
148	0.00	4.4E-09	1.4E+00	7.2E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-02	4.4E-09
149	0.00	1.5E-09	4.7E-01	7.2E-04	1.0E-03	3.5E-07	1.6E-01	2.7E-02	1.5E-09
150	0.00	2.0E-09	6.1E-01	7.2E-04	1.0E-03	4.6E-07	1.6E-01	2.7E-02	2.0E-09
151	0.00	2.7E-09	8.4E-01	7.2E-04	1.0E-03	6.3E-07	1.6E-01	2.7E-02	2.7E-09
152	0.00	4.0E-09	1.2E+00	7.2E-04	1.0E-03	9.2E-07	1.6E-01	2.7E-02	4.0E-09
153	0.01	6.3E-09	1.9E+00	7.2E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.3E-09
154	0.11	1.1E-07	3.3E+01	7.2E-04	1.0E-03	2.5E-05	1.6E-01	2.7E-02	1.1E-07
155	0.03	3.3E-08	1.0E+01	7.2E-04	1.0E-03	7.7E-06	1.6E-01	2.7E-02	3.3E-08
156	0.02	1.7E-08	5.1E+00	7.2E-04	1.0E-03	3.9E-06	1.6E-01	2.7E-02	1.7E-08
157	0.01	1.1E-08	3.3E+00	7.2E-04	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
158	0.01	7.2E-09	2.2E+00	7.2E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.2E-09
159	0.01	5.1E-09	1.6E+00	7.2E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.1E-09
160	0.00	3.8E-09	1.2E+00	7.2E-04	1.0E-03	8.9E-07	1.6E-01	2.7E-02	3.8E-09
161	0.00	1.4E-09	4.3E-01	7.2E-04	1.0E-03	3.2E-07	1.6E-01	2.7E-02	1.4E-09
162	0.00	1.8E-09	5.6E-01	7.2E-04	1.0E-03	4.2E-07	1.6E-01	2.7E-02	1.8E-09
163	0.00	2.4E-09	7.4E-01	7.2E-04	1.0E-03	5.6E-07	1.6E-01	2.7E-02	2.4E-09
164	0.00	3.5E-09	1.1E+00	7.2E-04	1.0E-03	8.2E-07	1.6E-01	2.7E-02	3.5E-09
165	0.01	5.6E-09	1.7E+00	7.2E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.6E-09
166	0.01	9.7E-09	3.0E+00	7.2E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.7E-09
167	0.02	2.0E-08	6.1E+00	7.2E-04	1.0E-03	4.6E-06	1.6E-01	2.7E-02	2.0E-08
168	0.05	4.8E-08	1.5E+01	7.2E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.8E-08
169	0.07	7.1E-08	2.2E+01	7.2E-04	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.1E-08
170	0.05	4.6E-08	1.4E+01	7.2E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.6E-08
171	0.02	2.3E-08	7.1E+00	7.2E-04	1.0E-03	5.3E-06	1.6E-01	2.7E-02	2.3E-08
172	0.01	1.2E-08	3.7E+00	7.2E-04	1.0E-03	2.8E-06	1.6E-01	2.7E-02	1.2E-08
173	0.01	8.0E-09	2.5E+00	7.2E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.0E-09
174	0.01	5.9E-09	1.8E+00	7.2E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	5.9E-09
175	0.00	4.3E-09	1.3E+00	7.2E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-02	4.3E-09
176	0.00	3.3E-09	1.0E+00	7.2E-04	1.0E-03	7.6E-07	1.6E-01	2.7E-02	3.3E-09
177	0.00	1.3E-09	4.0E-01	7.2E-04	1.0E-03	3.0E-07	1.6E-01	2.7E-02	1.3E-09

178	0.00	1.6E-09	5.1E-01	7.2E-04	1.0E-03	3.8E-07	1.6E-01	2.7E-02	1.6E-09
179	0.00	2.1E-09	6.6E-01	7.2E-04	1.0E-03	4.9E-07	1.6E-01	2.7E-02	2.1E-09
180	0.00	3.1E-09	9.6E-01	7.2E-04	1.0E-03	7.2E-07	1.6E-01	2.7E-02	3.1E-09
181	0.00	4.5E-09	1.4E+00	7.2E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.5E-09
182	0.01	7.0E-09	2.2E+00	7.2E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-02	7.0E-09
183	0.01	1.2E-08	3.6E+00	7.2E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08
184	0.02	1.9E-08	5.8E+00	7.2E-04	1.0E-03	4.3E-06	1.6E-01	2.7E-02	1.9E-08
185	0.02	2.4E-08	7.4E+00	7.2E-04	1.0E-03	5.5E-06	1.6E-01	2.7E-02	2.4E-08
186	0.02	2.1E-08	6.4E+00	7.2E-04	1.0E-03	4.8E-06	1.6E-01	2.7E-02	2.1E-08
187	0.01	1.5E-08	4.5E+00	7.2E-04	1.0E-03	3.4E-06	1.6E-01	2.7E-02	1.5E-08
188	0.01	9.7E-09	3.0E+00	7.2E-04	1.0E-03	2.3E-06	1.6E-01	2.7E-02	9.7E-09
189	0.01	6.3E-09	1.9E+00	7.2E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.3E-09
190	0.00	4.9E-09	1.5E+00	7.2E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.9E-09
191	0.00	3.7E-09	1.1E+00	7.2E-04	1.0E-03	8.6E-07	1.6E-01	2.7E-02	3.7E-09
192	0.00	2.9E-09	8.8E-01	7.2E-04	1.0E-03	6.7E-07	1.6E-01	2.7E-02	2.9E-09
193	0.00	1.2E-09	3.7E-01	7.2E-04	1.0E-03	2.8E-07	1.6E-01	2.7E-02	1.2E-09
194	0.00	1.5E-09	4.7E-01	7.2E-04	1.0E-03	3.5E-07	1.6E-01	2.7E-02	1.5E-09
195	0.00	2.0E-09	6.2E-01	7.2E-04	1.0E-03	4.6E-07	1.6E-01	2.7E-02	2.0E-09
196	0.00	2.6E-09	8.1E-01	7.2E-04	1.0E-03	6.1E-07	1.6E-01	2.7E-02	2.6E-09
197	0.00	3.6E-09	1.1E+00	7.2E-04	1.0E-03	8.4E-07	1.6E-01	2.7E-02	3.6E-09
198	0.01	5.1E-09	1.6E+00	7.2E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.1E-09
199	0.01	7.5E-09	2.3E+00	7.2E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.5E-09
200	0.01	1.0E-08	3.1E+00	7.2E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
201	0.01	1.2E-08	3.7E+00	7.2E-04	1.0E-03	2.8E-06	1.6E-01	2.7E-02	1.2E-08
202	0.01	1.1E-08	3.5E+00	7.2E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.1E-08
203	0.01	9.0E-09	2.8E+00	7.2E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-02	9.0E-09
204	0.01	7.0E-09	2.1E+00	7.2E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-02	7.0E-09
205	0.01	5.2E-09	1.6E+00	7.2E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.2E-09
206	0.00	3.8E-09	1.2E+00	7.2E-04	1.0E-03	8.9E-07	1.6E-01	2.7E-02	3.8E-09
207	0.00	3.2E-09	9.9E-01	7.2E-04	1.0E-03	7.5E-07	1.6E-01	2.7E-02	3.2E-09
208	0.00	2.6E-09	7.9E-01	7.2E-04	1.0E-03	6.0E-07	1.6E-01	2.7E-02	2.6E-09
209	0.00	1.1E-09	3.5E-01	7.2E-04	1.0E-03	2.6E-07	1.6E-01	2.7E-02	1.1E-09
210	0.00	1.4E-09	4.3E-01	7.2E-04	1.0E-03	3.3E-07	1.6E-01	2.7E-02	1.4E-09
211	0.00	1.7E-09	5.4E-01	7.2E-04	1.0E-03	4.0E-07	1.6E-01	2.7E-02	1.7E-09
212	0.00	2.2E-09	6.8E-01	7.2E-04	1.0E-03	5.1E-07	1.6E-01	2.7E-02	2.2E-09
213	0.00	2.9E-09	8.8E-01	7.2E-04	1.0E-03	6.7E-07	1.6E-01	2.7E-02	2.9E-09
214	0.00	3.9E-09	1.2E+00	7.2E-04	1.0E-03	9.0E-07	1.6E-01	2.7E-02	3.9E-09
215	0.01	5.2E-09	1.6E+00	7.2E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.2E-09
216	0.01	6.4E-09	2.0E+00	7.2E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.4E-09
217	0.01	7.3E-09	2.3E+00	7.2E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.3E-09
218	0.01	7.3E-09	2.2E+00	7.2E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.3E-09
219	0.01	6.6E-09	2.0E+00	7.2E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.6E-09
220	0.01	5.6E-09	1.7E+00	7.2E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.6E-09
221	0.00	4.5E-09	1.4E+00	7.2E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-02	4.5E-09
222	0.00	3.3E-09	1.0E+00	7.2E-04	1.0E-03	7.6E-07	1.6E-01	2.7E-02	3.3E-09
223	0.00	2.6E-09	8.1E-01	7.2E-04	1.0E-03	6.1E-07	1.6E-01	2.7E-02	2.6E-09

224	0.00	2.3E-09	7.1E-01	7.2E-04	1.0E-03	5.3E-07	1.6E-01	2.7E-02	2.3E-09
225	0.00	1.0E-09	3.2E-01	7.2E-04	1.0E-03	2.4E-07	1.6E-01	2.7E-02	1.0E-09
226	0.00	1.2E-09	3.8E-01	7.2E-04	1.0E-03	2.9E-07	1.6E-01	2.7E-02	1.2E-09
227	0.00	1.5E-09	4.6E-01	7.2E-04	1.0E-03	3.5E-07	1.6E-01	2.7E-02	1.5E-09
228	0.00	1.9E-09	5.7E-01	7.2E-04	1.0E-03	4.3E-07	1.6E-01	2.7E-02	1.9E-09
229	0.00	2.3E-09	7.2E-01	7.2E-04	1.0E-03	5.4E-07	1.6E-01	2.7E-02	2.3E-09
230	0.00	3.0E-09	9.2E-01	7.2E-04	1.0E-03	6.9E-07	1.6E-01	2.7E-02	3.0E-09
231	0.00	3.7E-09	1.1E+00	7.2E-04	1.0E-03	8.7E-07	1.6E-01	2.7E-02	3.7E-09
232	0.00	4.5E-09	1.4E+00	7.2E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-02	4.5E-09
233	0.00	5.0E-09	1.5E+00	7.2E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.0E-09
234	0.01	5.1E-09	1.6E+00	7.2E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.1E-09
235	0.00	4.8E-09	1.5E+00	7.2E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.8E-09
236	0.00	4.3E-09	1.3E+00	7.2E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-02	4.3E-09
237	0.00	3.7E-09	1.1E+00	7.2E-04	1.0E-03	8.5E-07	1.6E-01	2.7E-02	3.7E-09
238	0.00	3.0E-09	9.3E-01	7.2E-04	1.0E-03	7.0E-07	1.6E-01	2.7E-02	3.0E-09
239	0.00	2.3E-09	7.1E-01	7.2E-04	1.0E-03	5.4E-07	1.6E-01	2.7E-02	2.3E-09
240	0.00	1.9E-09	5.9E-01	7.2E-04	1.0E-03	4.5E-07	1.6E-01	2.7E-02	1.9E-09
241	0.00	9.3E-10	2.9E-01	7.2E-04	1.0E-03	2.2E-07	1.6E-01	2.7E-02	9.3E-10
242	0.00	1.1E-09	3.4E-01	7.2E-04	1.0E-03	2.5E-07	1.6E-01	2.7E-02	1.1E-09
243	0.00	1.3E-09	4.0E-01	7.2E-04	1.0E-03	3.0E-07	1.6E-01	2.7E-02	1.3E-09
244	0.00	1.6E-09	4.8E-01	7.2E-04	1.0E-03	3.6E-07	1.6E-01	2.7E-02	1.6E-09
245	0.00	1.9E-09	5.9E-01	7.2E-04	1.0E-03	4.4E-07	1.6E-01	2.7E-02	1.9E-09
246	0.00	2.3E-09	7.2E-01	7.2E-04	1.0E-03	5.4E-07	1.6E-01	2.7E-02	2.3E-09
247	0.00	2.8E-09	8.7E-01	7.2E-04	1.0E-03	6.6E-07	1.6E-01	2.7E-02	2.8E-09
248	0.00	3.3E-09	1.0E+00	7.2E-04	1.0E-03	7.6E-07	1.6E-01	2.7E-02	3.3E-09
249	0.00	3.6E-09	1.1E+00	7.2E-04	1.0E-03	8.4E-07	1.6E-01	2.7E-02	3.6E-09
250	0.00	3.7E-09	1.1E+00	7.2E-04	1.0E-03	8.7E-07	1.6E-01	2.7E-02	3.7E-09
251	0.00	3.6E-09	1.1E+00	7.2E-04	1.0E-03	8.4E-07	1.6E-01	2.7E-02	3.6E-09
252	0.00	3.3E-09	1.0E+00	7.2E-04	1.0E-03	7.8E-07	1.6E-01	2.7E-02	3.3E-09
253	0.00	3.0E-09	9.2E-01	7.2E-04	1.0E-03	6.9E-07	1.6E-01	2.7E-02	3.0E-09
254	0.00	2.6E-09	7.9E-01	7.2E-04	1.0E-03	6.0E-07	1.6E-01	2.7E-02	2.6E-09
255	0.00	2.2E-09	6.6E-01	7.2E-04	1.0E-03	5.0E-07	1.6E-01	2.7E-02	2.2E-09
256	0.00	1.7E-09	5.3E-01	7.2E-04	1.0E-03	4.0E-07	1.6E-01	2.7E-02	1.7E-09
257	0.00	8.4E-10	2.6E-01	7.2E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-02	8.4E-10
258	0.00	9.6E-10	3.0E-01	7.2E-04	1.0E-03	2.2E-07	1.6E-01	2.7E-02	9.6E-10
259	0.00	1.1E-09	3.5E-01	7.2E-04	1.0E-03	2.6E-07	1.6E-01	2.7E-02	1.1E-09
260	0.00	1.3E-09	4.1E-01	7.2E-04	1.0E-03	3.1E-07	1.6E-01	2.7E-02	1.3E-09
261	0.00	1.6E-09	4.9E-01	7.2E-04	1.0E-03	3.7E-07	1.6E-01	2.7E-02	1.6E-09
262	0.00	1.9E-09	5.8E-01	7.2E-04	1.0E-03	4.4E-07	1.6E-01	2.7E-02	1.9E-09
263	0.00	2.2E-09	6.8E-01	7.2E-04	1.0E-03	5.1E-07	1.6E-01	2.7E-02	2.2E-09
264	0.00	2.5E-09	7.7E-01	7.2E-04	1.0E-03	5.8E-07	1.6E-01	2.7E-02	2.5E-09
265	0.00	2.7E-09	8.4E-01	7.2E-04	1.0E-03	6.3E-07	1.6E-01	2.7E-02	2.7E-09
266	0.00	2.8E-09	8.7E-01	7.2E-04	1.0E-03	6.6E-07	1.6E-01	2.7E-02	2.8E-09
267	0.00	2.8E-09	8.6E-01	7.2E-04	1.0E-03	6.5E-07	1.6E-01	2.7E-02	2.8E-09
268	0.00	2.7E-09	8.2E-01	7.2E-04	1.0E-03	6.2E-07	1.6E-01	2.7E-02	2.7E-09
269	0.00	2.4E-09	7.5E-01	7.2E-04	1.0E-03	5.7E-07	1.6E-01	2.7E-02	2.4E-09

270	0.00	2.2E-09	6.7E-01	7.2E-04	1.0E-03	5.1E-07	1.6E-01	2.7E-02	2.2E-09
271	0.00	1.9E-09	5.8E-01	7.2E-04	1.0E-03	4.4E-07	1.6E-01	2.7E-02	1.9E-09
272	0.00	1.5E-09	4.8E-01	7.2E-04	1.0E-03	3.6E-07	1.6E-01	2.7E-02	1.5E-09
273	0.01	5.0E-09	1.5E+00	7.2E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.0E-09
274	0.01	5.3E-09	1.6E+00	7.2E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.3E-09
275	0.01	5.6E-09	1.7E+00	7.2E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.6E-09
276	0.01	6.0E-09	1.8E+00	7.2E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	6.0E-09
277	0.01	6.4E-09	2.0E+00	7.2E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.4E-09
278	0.01	6.8E-09	2.1E+00	7.2E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-02	6.8E-09
279	0.01	7.2E-09	2.2E+00	7.2E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.2E-09
280	0.01	7.6E-09	2.3E+00	7.2E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.6E-09
281	0.01	8.0E-09	2.5E+00	7.2E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.0E-09
282	0.01	8.4E-09	2.6E+00	7.2E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.4E-09
283	0.01	9.0E-09	2.8E+00	7.2E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-02	9.0E-09
284	0.01	9.4E-09	2.9E+00	7.2E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.4E-09
285	0.01	9.9E-09	3.0E+00	7.2E-04	1.0E-03	2.3E-06	1.6E-01	2.7E-02	9.9E-09
286	0.01	1.0E-08	3.2E+00	7.2E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
287	0.01	1.1E-08	3.4E+00	7.2E-04	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
288	0.01	1.1E-08	3.5E+00	7.2E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.1E-08
289	0.01	1.2E-08	3.7E+00	7.2E-04	1.0E-03	2.8E-06	1.6E-01	2.7E-02	1.2E-08
290	0.01	1.3E-08	3.9E+00	7.2E-04	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.3E-08
291	0.01	1.3E-08	4.0E+00	7.2E-04	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
292	0.01	1.3E-08	4.1E+00	7.2E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
293	0.01	1.3E-08	4.1E+00	7.2E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
294	0.01	1.3E-08	4.1E+00	7.2E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
295	0.01	1.3E-08	4.1E+00	7.2E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
296	0.01	1.3E-08	4.1E+00	7.2E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
297	0.01	1.3E-08	4.1E+00	7.2E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
298	0.01	1.3E-08	4.0E+00	7.2E-04	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
299	0.01	5.4E-09	1.7E+00	7.2E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.4E-09
300	0.01	5.7E-09	1.8E+00	7.2E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.7E-09
301	0.01	6.1E-09	1.9E+00	7.2E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	6.1E-09
302	0.01	6.5E-09	2.0E+00	7.2E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.5E-09
303	0.01	7.0E-09	2.2E+00	7.2E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-02	7.0E-09
304	0.01	7.5E-09	2.3E+00	7.2E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.5E-09
305	0.01	8.0E-09	2.5E+00	7.2E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.0E-09
306	0.01	8.4E-09	2.6E+00	7.2E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.4E-09
307	0.01	9.0E-09	2.8E+00	7.2E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-02	9.0E-09
308	0.01	9.6E-09	3.0E+00	7.2E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.6E-09
309	0.01	1.0E-08	3.1E+00	7.2E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
310	0.01	1.1E-08	3.3E+00	7.2E-04	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
311	0.01	1.1E-08	3.5E+00	7.2E-04	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
312	0.01	1.2E-08	3.7E+00	7.2E-04	1.0E-03	2.8E-06	1.6E-01	2.7E-02	1.2E-08
313	0.01	1.3E-08	3.9E+00	7.2E-04	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.3E-08
314	0.01	1.3E-08	4.1E+00	7.2E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
315	0.01	1.4E-08	4.3E+00	7.2E-04	1.0E-03	3.2E-06	1.6E-01	2.7E-02	1.4E-08

316	0.01	1.5E-08	4.5E+00	7.2E-04	1.0E-03	3.4E-06	1.6E-01	2.7E-02	1.5E-08
317	0.01	1.5E-08	4.6E+00	7.2E-04	1.0E-03	3.5E-06	1.6E-01	2.7E-02	1.5E-08
318	0.02	1.5E-08	4.7E+00	7.2E-04	1.0E-03	3.5E-06	1.6E-01	2.7E-02	1.5E-08
319	0.02	1.5E-08	4.7E+00	7.2E-04	1.0E-03	3.6E-06	1.6E-01	2.7E-02	1.5E-08
320	0.02	1.5E-08	4.7E+00	7.2E-04	1.0E-03	3.6E-06	1.6E-01	2.7E-02	1.5E-08
321	0.02	1.5E-08	4.7E+00	7.2E-04	1.0E-03	3.5E-06	1.6E-01	2.7E-02	1.5E-08
322	0.02	1.5E-08	4.6E+00	7.2E-04	1.0E-03	3.5E-06	1.6E-01	2.7E-02	1.5E-08
323	0.01	1.5E-08	4.5E+00	7.2E-04	1.0E-03	3.4E-06	1.6E-01	2.7E-02	1.5E-08
324	0.01	1.4E-08	4.4E+00	7.2E-04	1.0E-03	3.3E-06	1.6E-01	2.7E-02	1.4E-08
325	0.01	5.8E-09	1.8E+00	7.2E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	5.8E-09
326	0.01	6.2E-09	1.9E+00	7.2E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	6.2E-09
327	0.01	6.7E-09	2.1E+00	7.2E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-02	6.7E-09
328	0.01	7.2E-09	2.2E+00	7.2E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.2E-09
329	0.01	7.8E-09	2.4E+00	7.2E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.8E-09
330	0.01	8.4E-09	2.6E+00	7.2E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.4E-09
331	0.01	8.9E-09	2.7E+00	7.2E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-02	8.9E-09
332	0.01	9.5E-09	2.9E+00	7.2E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.5E-09
333	0.01	1.0E-08	3.1E+00	7.2E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
334	0.01	1.1E-08	3.4E+00	7.2E-04	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
335	0.01	1.2E-08	3.6E+00	7.2E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08
336	0.01	1.2E-08	3.8E+00	7.2E-04	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.2E-08
337	0.01	1.3E-08	4.1E+00	7.2E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
338	0.01	1.4E-08	4.3E+00	7.2E-04	1.0E-03	3.2E-06	1.6E-01	2.7E-02	1.4E-08
339	0.01	1.5E-08	4.6E+00	7.2E-04	1.0E-03	3.5E-06	1.6E-01	2.7E-02	1.5E-08
340	0.02	1.6E-08	4.8E+00	7.2E-04	1.0E-03	3.6E-06	1.6E-01	2.7E-02	1.6E-08
341	0.02	1.6E-08	5.0E+00	7.2E-04	1.0E-03	3.8E-06	1.6E-01	2.7E-02	1.6E-08
342	0.02	1.7E-08	5.2E+00	7.2E-04	1.0E-03	4.0E-06	1.6E-01	2.7E-02	1.7E-08
343	0.02	1.7E-08	5.4E+00	7.2E-04	1.0E-03	4.1E-06	1.6E-01	2.7E-02	1.7E-08
344	0.02	1.8E-08	5.4E+00	7.2E-04	1.0E-03	4.1E-06	1.6E-01	2.7E-02	1.8E-08
345	0.02	1.8E-08	5.4E+00	7.2E-04	1.0E-03	4.1E-06	1.6E-01	2.7E-02	1.8E-08
346	0.02	1.7E-08	5.4E+00	7.2E-04	1.0E-03	4.1E-06	1.6E-01	2.7E-02	1.7E-08
347	0.02	1.7E-08	5.3E+00	7.2E-04	1.0E-03	4.0E-06	1.6E-01	2.7E-02	1.7E-08
348	0.02	1.7E-08	5.2E+00	7.2E-04	1.0E-03	3.9E-06	1.6E-01	2.7E-02	1.7E-08
349	0.02	1.6E-08	5.1E+00	7.2E-04	1.0E-03	3.8E-06	1.6E-01	2.7E-02	1.6E-08
350	0.02	1.6E-08	4.9E+00	7.2E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-02	1.6E-08
351	0.01	6.3E-09	1.9E+00	7.2E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.3E-09
352	0.01	6.8E-09	2.1E+00	7.2E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-02	6.8E-09
353	0.01	7.4E-09	2.3E+00	7.2E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.4E-09
354	0.01	8.0E-09	2.5E+00	7.2E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-02	8.0E-09
355	0.01	8.6E-09	2.7E+00	7.2E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.6E-09
356	0.01	9.4E-09	2.9E+00	7.2E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.4E-09
357	0.01	1.0E-08	3.1E+00	7.2E-04	1.0E-03	2.3E-06	1.6E-01	2.7E-02	1.0E-08
358	0.01	1.1E-08	3.4E+00	7.2E-04	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
359	0.01	1.2E-08	3.6E+00	7.2E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08
360	0.01	1.3E-08	3.9E+00	7.2E-04	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
361	0.01	1.4E-08	4.2E+00	7.2E-04	1.0E-03	3.2E-06	1.6E-01	2.7E-02	1.4E-08

362	0.01	1.5E-08	4.5E+00	7.2E-04	1.0E-03	3.4E-06	1.6E-01	2.7E-02	1.5E-08
363	0.02	1.6E-08	4.8E+00	7.2E-04	1.0E-03	3.6E-06	1.6E-01	2.7E-02	1.6E-08
364	0.02	1.7E-08	5.1E+00	7.2E-04	1.0E-03	3.9E-06	1.6E-01	2.7E-02	1.7E-08
365	0.02	1.8E-08	5.4E+00	7.2E-04	1.0E-03	4.1E-06	1.6E-01	2.7E-02	1.8E-08
366	0.02	1.9E-08	5.7E+00	7.2E-04	1.0E-03	4.3E-06	1.6E-01	2.7E-02	1.9E-08
367	0.02	1.9E-08	6.0E+00	7.2E-04	1.0E-03	4.5E-06	1.6E-01	2.7E-02	1.9E-08
368	0.02	2.0E-08	6.2E+00	7.2E-04	1.0E-03	4.7E-06	1.6E-01	2.7E-02	2.0E-08
369	0.02	2.1E-08	6.3E+00	7.2E-04	1.0E-03	4.8E-06	1.6E-01	2.7E-02	2.1E-08
370	0.02	2.1E-08	6.3E+00	7.2E-04	1.0E-03	4.8E-06	1.6E-01	2.7E-02	2.1E-08
371	0.02	2.0E-08	6.3E+00	7.2E-04	1.0E-03	4.7E-06	1.6E-01	2.7E-02	2.0E-08
372	0.02	2.0E-08	6.2E+00	7.2E-04	1.0E-03	4.6E-06	1.6E-01	2.7E-02	2.0E-08
373	0.02	2.0E-08	6.0E+00	7.2E-04	1.0E-03	4.5E-06	1.6E-01	2.7E-02	2.0E-08
374	0.02	1.9E-08	5.8E+00	7.2E-04	1.0E-03	4.4E-06	1.6E-01	2.7E-02	1.9E-08
375	0.02	1.8E-08	5.6E+00	7.2E-04	1.0E-03	4.3E-06	1.6E-01	2.7E-02	1.8E-08
376	0.02	1.8E-08	5.4E+00	7.2E-04	1.0E-03	4.1E-06	1.6E-01	2.7E-02	1.8E-08
377	0.01	6.8E-09	2.1E+00	7.2E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-02	6.8E-09
378	0.01	7.4E-09	2.3E+00	7.2E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.4E-09
379	0.01	8.1E-09	2.5E+00	7.2E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.1E-09
380	0.01	8.8E-09	2.7E+00	7.2E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.8E-09
381	0.01	9.7E-09	3.0E+00	7.2E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.7E-09
382	0.02	2.4E-08	7.3E+00	7.2E-04	1.0E-03	5.5E-06	1.6E-01	2.7E-02	2.4E-08
383	0.02	2.4E-08	7.5E+00	7.2E-04	1.0E-03	5.6E-06	1.6E-01	2.7E-02	2.4E-08
384	0.02	2.4E-08	7.5E+00	7.2E-04	1.0E-03	5.7E-06	1.6E-01	2.7E-02	2.4E-08
385	0.02	2.4E-08	7.4E+00	7.2E-04	1.0E-03	5.6E-06	1.6E-01	2.7E-02	2.4E-08
386	0.02	2.4E-08	7.3E+00	7.2E-04	1.0E-03	5.5E-06	1.6E-01	2.7E-02	2.4E-08
387	0.02	2.3E-08	7.0E+00	7.2E-04	1.0E-03	5.3E-06	1.6E-01	2.7E-02	2.3E-08
388	0.02	2.2E-08	6.8E+00	7.2E-04	1.0E-03	5.1E-06	1.6E-01	2.7E-02	2.2E-08
389	0.02	2.1E-08	6.5E+00	7.2E-04	1.0E-03	4.9E-06	1.6E-01	2.7E-02	2.1E-08
390	0.02	2.0E-08	6.3E+00	7.2E-04	1.0E-03	4.7E-06	1.6E-01	2.7E-02	2.0E-08
391	0.02	1.9E-08	6.0E+00	7.2E-04	1.0E-03	4.5E-06	1.6E-01	2.7E-02	1.9E-08
392	0.01	7.4E-09	2.3E+00	7.2E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.4E-09
393	0.01	8.1E-09	2.5E+00	7.2E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.1E-09
394	0.01	8.9E-09	2.7E+00	7.2E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-02	8.9E-09
395	0.01	9.7E-09	3.0E+00	7.2E-04	1.0E-03	2.3E-06	1.6E-01	2.7E-02	9.7E-09
396	0.01	1.1E-08	3.3E+00	7.2E-04	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
397	0.03	2.9E-08	8.9E+00	7.2E-04	1.0E-03	6.7E-06	1.6E-01	2.7E-02	2.9E-08
398	0.03	2.9E-08	9.0E+00	7.2E-04	1.0E-03	6.8E-06	1.6E-01	2.7E-02	2.9E-08
399	0.03	2.9E-08	9.0E+00	7.2E-04	1.0E-03	6.8E-06	1.6E-01	2.7E-02	2.9E-08
400	0.03	2.8E-08	8.7E+00	7.2E-04	1.0E-03	6.6E-06	1.6E-01	2.7E-02	2.8E-08
401	0.03	2.7E-08	8.4E+00	7.2E-04	1.0E-03	6.3E-06	1.6E-01	2.7E-02	2.7E-08
402	0.03	2.6E-08	8.1E+00	7.2E-04	1.0E-03	6.1E-06	1.6E-01	2.7E-02	2.6E-08
403	0.02	2.5E-08	7.7E+00	7.2E-04	1.0E-03	5.8E-06	1.6E-01	2.7E-02	2.5E-08
404	0.02	2.4E-08	7.3E+00	7.2E-04	1.0E-03	5.5E-06	1.6E-01	2.7E-02	2.4E-08
405	0.02	2.2E-08	6.9E+00	7.2E-04	1.0E-03	5.2E-06	1.6E-01	2.7E-02	2.2E-08
406	0.02	2.1E-08	6.6E+00	7.2E-04	1.0E-03	4.9E-06	1.6E-01	2.7E-02	2.1E-08
407	0.01	7.9E-09	2.4E+00	7.2E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.9E-09

408	0.01	8.7E-09	2.7E+00	7.2E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.7E-09
409	0.01	9.6E-09	3.0E+00	7.2E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.6E-09
410	0.01	1.1E-08	3.3E+00	7.2E-04	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
411	0.01	1.2E-08	3.7E+00	7.2E-04	1.0E-03	2.8E-06	1.6E-01	2.7E-02	1.2E-08
412	0.04	3.6E-08	1.1E+01	7.2E-04	1.0E-03	8.4E-06	1.6E-01	2.7E-02	3.6E-08
413	0.04	3.6E-08	1.1E+01	7.2E-04	1.0E-03	8.3E-06	1.6E-01	2.7E-02	3.6E-08
414	0.03	3.5E-08	1.1E+01	7.2E-04	1.0E-03	8.1E-06	1.6E-01	2.7E-02	3.5E-08
415	0.03	3.3E-08	1.0E+01	7.2E-04	1.0E-03	7.7E-06	1.6E-01	2.7E-02	3.3E-08
416	0.03	3.2E-08	9.7E+00	7.2E-04	1.0E-03	7.3E-06	1.6E-01	2.7E-02	3.2E-08
417	0.03	3.0E-08	9.2E+00	7.2E-04	1.0E-03	6.9E-06	1.6E-01	2.7E-02	3.0E-08
418	0.03	2.8E-08	8.7E+00	7.2E-04	1.0E-03	6.5E-06	1.6E-01	2.7E-02	2.8E-08
419	0.03	2.6E-08	8.1E+00	7.2E-04	1.0E-03	6.1E-06	1.6E-01	2.7E-02	2.6E-08
420	0.02	2.5E-08	7.6E+00	7.2E-04	1.0E-03	5.7E-06	1.6E-01	2.7E-02	2.5E-08
421	0.02	2.3E-08	7.2E+00	7.2E-04	1.0E-03	5.4E-06	1.6E-01	2.7E-02	2.3E-08
422	0.01	8.5E-09	2.6E+00	7.2E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.5E-09
423	0.01	9.4E-09	2.9E+00	7.2E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.4E-09
424	0.01	1.1E-08	3.2E+00	7.2E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.1E-08
425	0.01	1.2E-08	3.6E+00	7.2E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08
426	0.01	1.3E-08	4.1E+00	7.2E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
427	0.05	4.6E-08	1.4E+01	7.2E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.6E-08
428	0.04	4.4E-08	1.4E+01	7.2E-04	1.0E-03	1.0E-05	1.6E-01	2.7E-02	4.4E-08
429	0.04	4.2E-08	1.3E+01	7.2E-04	1.0E-03	9.7E-06	1.6E-01	2.7E-02	4.2E-08
430	0.04	3.9E-08	1.2E+01	7.2E-04	1.0E-03	9.1E-06	1.6E-01	2.7E-02	3.9E-08
431	0.04	3.6E-08	1.1E+01	7.2E-04	1.0E-03	8.5E-06	1.6E-01	2.7E-02	3.6E-08
432	0.03	3.4E-08	1.0E+01	7.2E-04	1.0E-03	7.9E-06	1.6E-01	2.7E-02	3.4E-08
433	0.03	3.1E-08	9.7E+00	7.2E-04	1.0E-03	7.3E-06	1.6E-01	2.7E-02	3.1E-08
434	0.03	2.9E-08	9.0E+00	7.2E-04	1.0E-03	6.8E-06	1.6E-01	2.7E-02	2.9E-08
435	0.03	2.7E-08	8.3E+00	7.2E-04	1.0E-03	6.3E-06	1.6E-01	2.7E-02	2.7E-08
436	0.03	2.5E-08	7.8E+00	7.2E-04	1.0E-03	5.9E-06	1.6E-01	2.7E-02	2.5E-08
437	0.01	9.1E-09	2.8E+00	7.2E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-02	9.1E-09
438	0.01	1.0E-08	3.1E+00	7.2E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
439	0.01	1.1E-08	3.5E+00	7.2E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.1E-08
440	0.01	1.3E-08	4.0E+00	7.2E-04	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
441	0.01	1.5E-08	4.6E+00	7.2E-04	1.0E-03	3.5E-06	1.6E-01	2.7E-02	1.5E-08
442	0.06	5.9E-08	1.8E+01	7.2E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-02	5.9E-08
443	0.05	5.5E-08	1.7E+01	7.2E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.5E-08
444	0.05	5.0E-08	1.5E+01	7.2E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.0E-08
445	0.05	4.6E-08	1.4E+01	7.2E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.6E-08
446	0.04	4.2E-08	1.3E+01	7.2E-04	1.0E-03	9.7E-06	1.6E-01	2.7E-02	4.2E-08
447	0.04	3.8E-08	1.2E+01	7.2E-04	1.0E-03	8.9E-06	1.6E-01	2.7E-02	3.8E-08
448	0.04	3.5E-08	1.1E+01	7.2E-04	1.0E-03	8.1E-06	1.6E-01	2.7E-02	3.5E-08
449	0.03	3.2E-08	9.9E+00	7.2E-04	1.0E-03	7.5E-06	1.6E-01	2.7E-02	3.2E-08
450	0.03	2.9E-08	9.1E+00	7.2E-04	1.0E-03	6.8E-06	1.6E-01	2.7E-02	2.9E-08
451	0.03	2.7E-08	8.4E+00	7.2E-04	1.0E-03	6.3E-06	1.6E-01	2.7E-02	2.7E-08
452	0.01	9.8E-09	3.0E+00	7.2E-04	1.0E-03	2.3E-06	1.6E-01	2.7E-02	9.8E-09
453	0.01	1.1E-08	3.4E+00	7.2E-04	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08

454	0.01	1.3E-08	3.9E+00	7.2E-04	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.3E-08
455	0.01	1.4E-08	4.4E+00	7.2E-04	1.0E-03	3.3E-06	1.6E-01	2.7E-02	1.4E-08
456	0.02	1.7E-08	5.2E+00	7.2E-04	1.0E-03	3.9E-06	1.6E-01	2.7E-02	1.7E-08
457	0.08	7.6E-08	2.3E+01	7.2E-04	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.6E-08
458	0.07	6.7E-08	2.1E+01	7.2E-04	1.0E-03	1.6E-05	1.6E-01	2.7E-02	6.7E-08
459	0.06	5.9E-08	1.8E+01	7.2E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-02	5.9E-08
460	0.05	5.3E-08	1.6E+01	7.2E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.3E-08
461	0.05	4.7E-08	1.5E+01	7.2E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.7E-08
462	0.04	4.3E-08	1.3E+01	7.2E-04	1.0E-03	9.9E-06	1.6E-01	2.7E-02	4.3E-08
463	0.04	3.9E-08	1.2E+01	7.2E-04	1.0E-03	9.0E-06	1.6E-01	2.7E-02	3.9E-08
464	0.04	3.5E-08	1.1E+01	7.2E-04	1.0E-03	8.2E-06	1.6E-01	2.7E-02	3.5E-08
465	0.03	3.2E-08	9.8E+00	7.2E-04	1.0E-03	7.4E-06	1.6E-01	2.7E-02	3.2E-08
466	0.03	2.9E-08	9.0E+00	7.2E-04	1.0E-03	6.8E-06	1.6E-01	2.7E-02	2.9E-08
467	0.01	1.0E-08	3.2E+00	7.2E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
468	0.01	1.2E-08	3.6E+00	7.2E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08
469	0.01	1.4E-08	4.2E+00	7.2E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.4E-08
470	0.02	1.6E-08	4.9E+00	7.2E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-02	1.6E-08
471	0.02	1.9E-08	5.8E+00	7.2E-04	1.0E-03	4.4E-06	1.6E-01	2.7E-02	1.9E-08
472	0.10	9.6E-08	3.0E+01	7.2E-04	1.0E-03	2.2E-05	1.6E-01	2.7E-02	9.6E-08
473	0.08	8.1E-08	2.5E+01	7.2E-04	1.0E-03	1.9E-05	1.6E-01	2.7E-02	8.1E-08
474	0.07	6.9E-08	2.1E+01	7.2E-04	1.0E-03	1.6E-05	1.6E-01	2.7E-02	6.9E-08
475	0.06	6.0E-08	1.8E+01	7.2E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-02	6.0E-08
476	0.05	5.3E-08	1.6E+01	7.2E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.3E-08
477	0.05	4.7E-08	1.4E+01	7.2E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.7E-08
478	0.04	4.2E-08	1.3E+01	7.2E-04	1.0E-03	9.8E-06	1.6E-01	2.7E-02	4.2E-08
479	0.04	3.8E-08	1.2E+01	7.2E-04	1.0E-03	8.8E-06	1.6E-01	2.7E-02	3.8E-08
480	0.03	3.4E-08	1.1E+01	7.2E-04	1.0E-03	8.0E-06	1.6E-01	2.7E-02	3.4E-08
481	0.03	3.1E-08	9.6E+00	7.2E-04	1.0E-03	7.2E-06	1.6E-01	2.7E-02	3.1E-08
482	0.01	1.1E-08	3.4E+00	7.2E-04	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
483	0.01	1.3E-08	3.9E+00	7.2E-04	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.3E-08
484	0.01	1.5E-08	4.5E+00	7.2E-04	1.0E-03	3.4E-06	1.6E-01	2.7E-02	1.5E-08
485	0.02	1.7E-08	5.3E+00	7.2E-04	1.0E-03	4.0E-06	1.6E-01	2.7E-02	1.7E-08
486	0.02	2.1E-08	6.5E+00	7.2E-04	1.0E-03	4.9E-06	1.6E-01	2.7E-02	2.1E-08
487	0.11	1.1E-07	3.5E+01	7.2E-04	1.0E-03	2.7E-05	1.6E-01	2.7E-02	1.1E-07
488	0.09	9.3E-08	2.9E+01	7.2E-04	1.0E-03	2.2E-05	1.6E-01	2.7E-02	9.3E-08
489	0.08	7.8E-08	2.4E+01	7.2E-04	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.8E-08
490	0.07	6.7E-08	2.1E+01	7.2E-04	1.0E-03	1.6E-05	1.6E-01	2.7E-02	6.7E-08
491	0.06	5.8E-08	1.8E+01	7.2E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-02	5.8E-08
492	0.05	5.1E-08	1.6E+01	7.2E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.1E-08
493	0.05	4.6E-08	1.4E+01	7.2E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.6E-08
494	0.04	4.1E-08	1.3E+01	7.2E-04	1.0E-03	9.5E-06	1.6E-01	2.7E-02	4.1E-08
495	0.04	3.7E-08	1.1E+01	7.2E-04	1.0E-03	8.5E-06	1.6E-01	2.7E-02	3.7E-08
496	0.03	3.3E-08	1.0E+01	7.2E-04	1.0E-03	7.6E-06	1.6E-01	2.7E-02	3.3E-08
497	0.01	1.1E-08	3.5E+00	7.2E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.1E-08
498	0.01	1.3E-08	4.1E+00	7.2E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
499	0.02	1.6E-08	4.9E+00	7.2E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-02	1.6E-08

500	0.02	1.9E-08	5.9E+00	7.2E-04	1.0E-03	4.4E-06	1.6E-01	2.7E-02	1.9E-08
501	0.02	2.4E-08	7.3E+00	7.2E-04	1.0E-03	5.5E-06	1.6E-01	2.7E-02	2.4E-08
502	0.13	1.3E-07	4.0E+01	7.2E-04	1.0E-03	3.0E-05	1.6E-01	2.7E-02	1.3E-07
503	0.10	1.0E-07	3.2E+01	7.2E-04	1.0E-03	2.4E-05	1.6E-01	2.7E-02	1.0E-07
504	0.09	8.6E-08	2.6E+01	7.2E-04	1.0E-03	2.0E-05	1.6E-01	2.7E-02	8.6E-08
505	0.07	7.3E-08	2.3E+01	7.2E-04	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.3E-08
506	0.06	6.3E-08	2.0E+01	7.2E-04	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.3E-08
507	0.06	5.6E-08	1.7E+01	7.2E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.6E-08
508	0.05	4.9E-08	1.5E+01	7.2E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.9E-08
509	0.04	4.3E-08	1.3E+01	7.2E-04	1.0E-03	1.0E-05	1.6E-01	2.7E-02	4.3E-08
510	0.04	3.9E-08	1.2E+01	7.2E-04	1.0E-03	9.0E-06	1.6E-01	2.7E-02	3.9E-08
511	0.03	3.4E-08	1.1E+01	7.2E-04	1.0E-03	8.0E-06	1.6E-01	2.7E-02	3.4E-08
512	0.01	1.2E-08	3.7E+00	7.2E-04	1.0E-03	2.8E-06	1.6E-01	2.7E-02	1.2E-08
513	0.01	1.4E-08	4.3E+00	7.2E-04	1.0E-03	3.2E-06	1.6E-01	2.7E-02	1.4E-08
514	0.02	1.7E-08	5.1E+00	7.2E-04	1.0E-03	3.9E-06	1.6E-01	2.7E-02	1.7E-08
515	0.02	2.0E-08	6.3E+00	7.2E-04	1.0E-03	4.7E-06	1.6E-01	2.7E-02	2.0E-08
516	0.03	2.6E-08	7.9E+00	7.2E-04	1.0E-03	6.0E-06	1.6E-01	2.7E-02	2.6E-08
517	0.14	1.4E-07	4.3E+01	7.2E-04	1.0E-03	3.2E-05	1.6E-01	2.7E-02	1.4E-07
518	0.11	1.1E-07	3.5E+01	7.2E-04	1.0E-03	2.6E-05	1.6E-01	2.7E-02	1.1E-07
519	0.09	9.4E-08	2.9E+01	7.2E-04	1.0E-03	2.2E-05	1.6E-01	2.7E-02	9.4E-08
520	0.08	8.0E-08	2.5E+01	7.2E-04	1.0E-03	1.8E-05	1.6E-01	2.7E-02	8.0E-08
521	0.07	6.9E-08	2.1E+01	7.2E-04	1.0E-03	1.6E-05	1.6E-01	2.7E-02	6.9E-08
522	0.06	6.0E-08	1.8E+01	7.2E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-02	6.0E-08
523	0.05	5.2E-08	1.6E+01	7.2E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.2E-08
524	0.05	4.6E-08	1.4E+01	7.2E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.6E-08
525	0.04	4.0E-08	1.2E+01	7.2E-04	1.0E-03	9.4E-06	1.6E-01	2.7E-02	4.0E-08
526	0.04	3.6E-08	1.1E+01	7.2E-04	1.0E-03	8.3E-06	1.6E-01	2.7E-02	3.6E-08
527	0.01	1.2E-08	3.8E+00	7.2E-04	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.2E-08
528	0.01	1.5E-08	4.5E+00	7.2E-04	1.0E-03	3.4E-06	1.6E-01	2.7E-02	1.5E-08
529	0.02	1.7E-08	5.4E+00	7.2E-04	1.0E-03	4.1E-06	1.6E-01	2.7E-02	1.7E-08
530	0.02	2.2E-08	6.7E+00	7.2E-04	1.0E-03	5.0E-06	1.6E-01	2.7E-02	2.2E-08
531	0.03	2.8E-08	8.5E+00	7.2E-04	1.0E-03	6.4E-06	1.6E-01	2.7E-02	2.8E-08
532	0.15	1.5E-07	4.6E+01	7.2E-04	1.0E-03	3.5E-05	1.6E-01	2.7E-02	1.5E-07
533	0.12	1.2E-07	3.8E+01	7.2E-04	1.0E-03	2.9E-05	1.6E-01	2.7E-02	1.2E-07
534	0.10	1.0E-07	3.1E+01	7.2E-04	1.0E-03	2.3E-05	1.6E-01	2.7E-02	1.0E-07
535	0.08	8.5E-08	2.6E+01	7.2E-04	1.0E-03	2.0E-05	1.6E-01	2.7E-02	8.5E-08
536	0.07	7.2E-08	2.2E+01	7.2E-04	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.2E-08
537	0.06	6.3E-08	1.9E+01	7.2E-04	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.3E-08
538	0.05	5.4E-08	1.7E+01	7.2E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.4E-08
539	0.05	4.8E-08	1.5E+01	7.2E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.8E-08
540	0.04	4.2E-08	1.3E+01	7.2E-04	1.0E-03	9.7E-06	1.6E-01	2.7E-02	4.2E-08
541	0.04	3.6E-08	1.1E+01	7.2E-04	1.0E-03	8.4E-06	1.6E-01	2.7E-02	3.6E-08
542	0.01	1.3E-08	3.9E+00	7.2E-04	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.3E-08
543	0.01	1.5E-08	4.6E+00	7.2E-04	1.0E-03	3.5E-06	1.6E-01	2.7E-02	1.5E-08
544	0.02	1.8E-08	5.6E+00	7.2E-04	1.0E-03	4.2E-06	1.6E-01	2.7E-02	1.8E-08
545	0.02	2.3E-08	7.0E+00	7.2E-04	1.0E-03	5.3E-06	1.6E-01	2.7E-02	2.3E-08

546	0.03	2.9E-08	9.0E+00	7.2E-04	1.0E-03	6.8E-06	1.6E-01	2.7E-02	2.9E-08
547	0.17	1.7E-07	5.1E+01	7.2E-04	1.0E-03	3.8E-05	1.6E-01	2.7E-02	1.7E-07
548	0.13	1.3E-07	4.1E+01	7.2E-04	1.0E-03	3.1E-05	1.6E-01	2.7E-02	1.3E-07
549	0.11	1.1E-07	3.4E+01	7.2E-04	1.0E-03	2.5E-05	1.6E-01	2.7E-02	1.1E-07
550	0.09	9.0E-08	2.8E+01	7.2E-04	1.0E-03	2.1E-05	1.6E-01	2.7E-02	9.0E-08
551	0.07	7.4E-08	2.3E+01	7.2E-04	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.4E-08
552	0.06	6.3E-08	1.9E+01	7.2E-04	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.3E-08
553	0.05	5.5E-08	1.7E+01	7.2E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.5E-08
554	0.05	4.8E-08	1.5E+01	7.2E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.8E-08
555	0.04	4.2E-08	1.3E+01	7.2E-04	1.0E-03	9.6E-06	1.6E-01	2.7E-02	4.2E-08
556	0.04	3.6E-08	1.1E+01	7.2E-04	1.0E-03	8.4E-06	1.6E-01	2.7E-02	3.6E-08
557	0.01	1.3E-08	3.9E+00	7.2E-04	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
558	0.02	1.5E-08	4.7E+00	7.2E-04	1.0E-03	3.5E-06	1.6E-01	2.7E-02	1.5E-08
559	0.02	1.9E-08	5.7E+00	7.2E-04	1.0E-03	4.3E-06	1.6E-01	2.7E-02	1.9E-08
560	0.02	2.3E-08	7.2E+00	7.2E-04	1.0E-03	5.4E-06	1.6E-01	2.7E-02	2.3E-08
561	0.03	3.0E-08	9.2E+00	7.2E-04	1.0E-03	6.9E-06	1.6E-01	2.7E-02	3.0E-08
562	0.15	1.5E-07	4.6E+01	7.2E-04	1.0E-03	3.4E-05	1.6E-01	2.7E-02	1.5E-07
563	0.12	1.2E-07	3.7E+01	7.2E-04	1.0E-03	2.8E-05	1.6E-01	2.7E-02	1.2E-07
564	0.10	9.7E-08	3.0E+01	7.2E-04	1.0E-03	2.3E-05	1.6E-01	2.7E-02	9.7E-08
565	0.07	7.4E-08	2.3E+01	7.2E-04	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.4E-08
566	0.06	6.2E-08	1.9E+01	7.2E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-02	6.2E-08
567	0.05	5.3E-08	1.6E+01	7.2E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.3E-08
568	0.05	4.5E-08	1.4E+01	7.2E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.5E-08
569	0.04	3.9E-08	1.2E+01	7.2E-04	1.0E-03	9.2E-06	1.6E-01	2.7E-02	3.9E-08
570	0.03	3.5E-08	1.1E+01	7.2E-04	1.0E-03	8.1E-06	1.6E-01	2.7E-02	3.5E-08
571	0.01	1.3E-08	4.0E+00	7.2E-04	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
572	0.02	1.5E-08	4.7E+00	7.2E-04	1.0E-03	3.6E-06	1.6E-01	2.7E-02	1.5E-08
573	0.02	1.9E-08	5.7E+00	7.2E-04	1.0E-03	4.3E-06	1.6E-01	2.7E-02	1.9E-08
574	0.02	2.3E-08	7.2E+00	7.2E-04	1.0E-03	5.4E-06	1.6E-01	2.7E-02	2.3E-08
575	0.03	3.0E-08	9.2E+00	7.2E-04	1.0E-03	7.0E-06	1.6E-01	2.7E-02	3.0E-08
576	0.14	1.4E-07	4.2E+01	7.2E-04	1.0E-03	3.1E-05	1.6E-01	2.7E-02	1.4E-07
577	0.11	1.1E-07	3.3E+01	7.2E-04	1.0E-03	2.5E-05	1.6E-01	2.7E-02	1.1E-07
578	0.08	8.4E-08	2.6E+01	7.2E-04	1.0E-03	2.0E-05	1.6E-01	2.7E-02	8.4E-08
579	0.07	6.9E-08	2.1E+01	7.2E-04	1.0E-03	1.6E-05	1.6E-01	2.7E-02	6.9E-08
580	0.06	5.7E-08	1.8E+01	7.2E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.7E-08
581	0.05	4.7E-08	1.5E+01	7.2E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.7E-08
582	0.04	4.0E-08	1.2E+01	7.2E-04	1.0E-03	9.2E-06	1.6E-01	2.7E-02	4.0E-08
583	0.03	3.4E-08	1.0E+01	7.2E-04	1.0E-03	7.8E-06	1.6E-01	2.7E-02	3.4E-08
584	0.01	1.3E-08	3.9E+00	7.2E-04	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
585	0.02	1.5E-08	4.7E+00	7.2E-04	1.0E-03	3.5E-06	1.6E-01	2.7E-02	1.5E-08
586	0.02	1.9E-08	5.7E+00	7.2E-04	1.0E-03	4.3E-06	1.6E-01	2.7E-02	1.9E-08
587	0.02	2.3E-08	7.1E+00	7.2E-04	1.0E-03	5.4E-06	1.6E-01	2.7E-02	2.3E-08
588	0.03	3.0E-08	9.1E+00	7.2E-04	1.0E-03	6.9E-06	1.6E-01	2.7E-02	3.0E-08
589	0.13	1.3E-07	3.9E+01	7.2E-04	1.0E-03	2.9E-05	1.6E-01	2.7E-02	1.3E-07
590	0.10	1.0E-07	3.1E+01	7.2E-04	1.0E-03	2.3E-05	1.6E-01	2.7E-02	1.0E-07
591	0.08	8.0E-08	2.5E+01	7.2E-04	1.0E-03	1.9E-05	1.6E-01	2.7E-02	8.0E-08

592	0.06	6.3E-08	1.9E+01	7.2E-04	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.3E-08
593	0.05	5.1E-08	1.6E+01	7.2E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.1E-08
594	0.04	4.2E-08	1.3E+01	7.2E-04	1.0E-03	9.7E-06	1.6E-01	2.7E-02	4.2E-08
595	0.03	3.4E-08	1.1E+01	7.2E-04	1.0E-03	8.0E-06	1.6E-01	2.7E-02	3.4E-08
596	0.01	1.3E-08	3.9E+00	7.2E-04	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.3E-08
597	0.02	1.5E-08	4.6E+00	7.2E-04	1.0E-03	3.5E-06	1.6E-01	2.7E-02	1.5E-08
598	0.02	1.8E-08	5.6E+00	7.2E-04	1.0E-03	4.2E-06	1.6E-01	2.7E-02	1.8E-08
599	0.02	2.2E-08	6.9E+00	7.2E-04	1.0E-03	5.2E-06	1.6E-01	2.7E-02	2.2E-08
600	0.03	2.8E-08	8.7E+00	7.2E-04	1.0E-03	6.6E-06	1.6E-01	2.7E-02	2.8E-08
601	0.11	1.1E-07	3.3E+01	7.2E-04	1.0E-03	2.5E-05	1.6E-01	2.7E-02	1.1E-07
602	0.08	8.2E-08	2.5E+01	7.2E-04	1.0E-03	1.9E-05	1.6E-01	2.7E-02	8.2E-08
603	0.06	6.4E-08	2.0E+01	7.2E-04	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.4E-08
604	0.05	5.2E-08	1.6E+01	7.2E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.2E-08
605	0.04	4.2E-08	1.3E+01	7.2E-04	1.0E-03	9.8E-06	1.6E-01	2.7E-02	4.2E-08
606	0.03	3.5E-08	1.1E+01	7.2E-04	1.0E-03	8.0E-06	1.6E-01	2.7E-02	3.5E-08
607	0.01	1.2E-08	3.8E+00	7.2E-04	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.2E-08
608	0.01	1.5E-08	4.5E+00	7.2E-04	1.0E-03	3.4E-06	1.6E-01	2.7E-02	1.5E-08
609	0.02	1.7E-08	5.4E+00	7.2E-04	1.0E-03	4.1E-06	1.6E-01	2.7E-02	1.7E-08
610	0.02	2.1E-08	6.6E+00	7.2E-04	1.0E-03	4.9E-06	1.6E-01	2.7E-02	2.1E-08
611	0.03	2.7E-08	8.2E+00	7.2E-04	1.0E-03	6.2E-06	1.6E-01	2.7E-02	2.7E-08
612	0.11	1.1E-07	3.3E+01	7.2E-04	1.0E-03	2.5E-05	1.6E-01	2.7E-02	1.1E-07
613	0.08	8.1E-08	2.5E+01	7.2E-04	1.0E-03	1.9E-05	1.6E-01	2.7E-02	8.1E-08
614	0.06	6.2E-08	1.9E+01	7.2E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-02	6.2E-08
615	0.05	5.0E-08	1.5E+01	7.2E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.0E-08
616	0.04	4.1E-08	1.3E+01	7.2E-04	1.0E-03	9.4E-06	1.6E-01	2.7E-02	4.1E-08
617	0.03	3.3E-08	1.0E+01	7.2E-04	1.0E-03	7.7E-06	1.6E-01	2.7E-02	3.3E-08
618	0.01	1.2E-08	3.7E+00	7.2E-04	1.0E-03	2.8E-06	1.6E-01	2.7E-02	1.2E-08
619	0.01	1.4E-08	4.3E+00	7.2E-04	1.0E-03	3.2E-06	1.6E-01	2.7E-02	1.4E-08
620	0.02	1.7E-08	5.1E+00	7.2E-04	1.0E-03	3.9E-06	1.6E-01	2.7E-02	1.7E-08
621	0.02	2.0E-08	6.1E+00	7.2E-04	1.0E-03	4.6E-06	1.6E-01	2.7E-02	2.0E-08
622	0.02	2.5E-08	7.6E+00	7.2E-04	1.0E-03	5.7E-06	1.6E-01	2.7E-02	2.5E-08
623	0.10	1.0E-07	3.1E+01	7.2E-04	1.0E-03	2.4E-05	1.6E-01	2.7E-02	1.0E-07
624	0.08	7.5E-08	2.3E+01	7.2E-04	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.5E-08
625	0.06	5.8E-08	1.8E+01	7.2E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.8E-08
626	0.05	4.7E-08	1.4E+01	7.2E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.7E-08
627	0.04	3.9E-08	1.2E+01	7.2E-04	1.0E-03	8.9E-06	1.6E-01	2.7E-02	3.9E-08
628	0.03	3.2E-08	9.8E+00	7.2E-04	1.0E-03	7.4E-06	1.6E-01	2.7E-02	3.2E-08
629	0.01	1.1E-08	3.5E+00	7.2E-04	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
630	0.01	1.3E-08	4.1E+00	7.2E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
631	0.02	1.6E-08	4.8E+00	7.2E-04	1.0E-03	3.6E-06	1.6E-01	2.7E-02	1.6E-08
632	0.02	1.9E-08	5.7E+00	7.2E-04	1.0E-03	4.3E-06	1.6E-01	2.7E-02	1.9E-08
633	0.02	2.3E-08	6.9E+00	7.2E-04	1.0E-03	5.2E-06	1.6E-01	2.7E-02	2.3E-08
634	0.09	8.7E-08	2.7E+01	7.2E-04	1.0E-03	2.0E-05	1.6E-01	2.7E-02	8.7E-08
635	0.07	6.6E-08	2.0E+01	7.2E-04	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.6E-08
636	0.05	5.2E-08	1.6E+01	7.2E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.2E-08
637	0.04	4.3E-08	1.3E+01	7.2E-04	1.0E-03	9.9E-06	1.6E-01	2.7E-02	4.3E-08

638	0.04	3.5E-08	1.1E+01	7.2E-04	1.0E-03	8.2E-06	1.6E-01	2.7E-02	3.5E-08
639	0.03	3.0E-08	9.2E+00	7.2E-04	1.0E-03	7.0E-06	1.6E-01	2.7E-02	3.0E-08
640	0.01	1.1E-08	3.3E+00	7.2E-04	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
641	0.01	1.2E-08	3.8E+00	7.2E-04	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.2E-08
642	0.01	1.5E-08	4.5E+00	7.2E-04	1.0E-03	3.4E-06	1.6E-01	2.7E-02	1.5E-08
643	0.02	1.7E-08	5.3E+00	7.2E-04	1.0E-03	4.0E-06	1.6E-01	2.7E-02	1.7E-08
644	0.02	2.1E-08	6.4E+00	7.2E-04	1.0E-03	4.8E-06	1.6E-01	2.7E-02	2.1E-08
645	0.07	7.1E-08	2.2E+01	7.2E-04	1.0E-03	1.6E-05	1.6E-01	2.7E-02	7.1E-08
646	0.06	5.6E-08	1.7E+01	7.2E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.6E-08
647	0.05	4.6E-08	1.4E+01	7.2E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.6E-08
648	0.04	3.8E-08	1.2E+01	7.2E-04	1.0E-03	8.9E-06	1.6E-01	2.7E-02	3.8E-08
649	0.03	3.2E-08	9.9E+00	7.2E-04	1.0E-03	7.5E-06	1.6E-01	2.7E-02	3.2E-08
650	0.03	2.8E-08	8.5E+00	7.2E-04	1.0E-03	6.4E-06	1.6E-01	2.7E-02	2.8E-08
651	0.01	1.0E-08	3.2E+00	7.2E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
652	0.01	1.2E-08	3.6E+00	7.2E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08
653	0.01	1.4E-08	4.2E+00	7.2E-04	1.0E-03	3.2E-06	1.6E-01	2.7E-02	1.4E-08
654	0.02	1.6E-08	4.9E+00	7.2E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-02	1.6E-08
655	0.02	1.9E-08	5.8E+00	7.2E-04	1.0E-03	4.4E-06	1.6E-01	2.7E-02	1.9E-08
656	0.02	2.2E-08	6.9E+00	7.2E-04	1.0E-03	5.2E-06	1.6E-01	2.7E-02	2.2E-08
657	0.03	2.7E-08	8.3E+00	7.2E-04	1.0E-03	6.2E-06	1.6E-01	2.7E-02	2.7E-08
658	0.03	3.3E-08	1.0E+01	7.2E-04	1.0E-03	7.6E-06	1.6E-01	2.7E-02	3.3E-08
659	0.04	4.0E-08	1.2E+01	7.2E-04	1.0E-03	9.3E-06	1.6E-01	2.7E-02	4.0E-08
660	0.05	5.0E-08	1.5E+01	7.2E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.0E-08
661	0.06	6.2E-08	1.9E+01	7.2E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-02	6.2E-08
662	0.08	7.5E-08	2.3E+01	7.2E-04	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.5E-08
663	0.09	8.6E-08	2.7E+01	7.2E-04	1.0E-03	2.0E-05	1.6E-01	2.7E-02	8.6E-08
664	0.09	9.4E-08	2.9E+01	7.2E-04	1.0E-03	2.2E-05	1.6E-01	2.7E-02	9.4E-08
665	0.10	9.9E-08	3.0E+01	7.2E-04	1.0E-03	2.3E-05	1.6E-01	2.7E-02	9.9E-08
666	0.10	1.0E-07	3.1E+01	7.2E-04	1.0E-03	2.3E-05	1.6E-01	2.7E-02	1.0E-07
667	0.10	9.7E-08	3.0E+01	7.2E-04	1.0E-03	2.2E-05	1.6E-01	2.7E-02	9.7E-08
668	0.09	9.1E-08	2.8E+01	7.2E-04	1.0E-03	2.1E-05	1.6E-01	2.7E-02	9.1E-08
669	0.08	8.1E-08	2.5E+01	7.2E-04	1.0E-03	1.9E-05	1.6E-01	2.7E-02	8.1E-08
670	0.07	6.8E-08	2.1E+01	7.2E-04	1.0E-03	1.6E-05	1.6E-01	2.7E-02	6.8E-08
671	0.06	5.7E-08	1.7E+01	7.2E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.7E-08
672	0.05	4.7E-08	1.5E+01	7.2E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.7E-08
673	0.04	4.0E-08	1.2E+01	7.2E-04	1.0E-03	9.2E-06	1.6E-01	2.7E-02	4.0E-08
674	0.03	3.4E-08	1.0E+01	7.2E-04	1.0E-03	7.9E-06	1.6E-01	2.7E-02	3.4E-08
675	0.03	2.9E-08	8.9E+00	7.2E-04	1.0E-03	6.7E-06	1.6E-01	2.7E-02	2.9E-08
676	0.03	2.5E-08	7.8E+00	7.2E-04	1.0E-03	5.9E-06	1.6E-01	2.7E-02	2.5E-08
677	0.01	9.7E-09	3.0E+00	7.2E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.7E-09
678	0.01	1.1E-08	3.4E+00	7.2E-04	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
679	0.01	1.3E-08	3.9E+00	7.2E-04	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.3E-08
680	0.01	1.5E-08	4.5E+00	7.2E-04	1.0E-03	3.4E-06	1.6E-01	2.7E-02	1.5E-08
681	0.02	1.7E-08	5.3E+00	7.2E-04	1.0E-03	4.0E-06	1.6E-01	2.7E-02	1.7E-08
682	0.02	2.0E-08	6.1E+00	7.2E-04	1.0E-03	4.6E-06	1.6E-01	2.7E-02	2.0E-08
683	0.02	2.3E-08	7.2E+00	7.2E-04	1.0E-03	5.5E-06	1.6E-01	2.7E-02	2.3E-08

684	0.03	2.8E-08	8.6E+00	7.2E-04	1.0E-03	6.5E-06	1.6E-01	2.7E-02	2.8E-08
685	0.03	3.4E-08	1.0E+01	7.2E-04	1.0E-03	7.8E-06	1.6E-01	2.7E-02	3.4E-08
686	0.04	4.0E-08	1.2E+01	7.2E-04	1.0E-03	9.3E-06	1.6E-01	2.7E-02	4.0E-08
687	0.05	4.8E-08	1.5E+01	7.2E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.8E-08
688	0.06	5.6E-08	1.7E+01	7.2E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.6E-08
689	0.06	6.3E-08	1.9E+01	7.2E-04	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.3E-08
690	0.07	6.8E-08	2.1E+01	7.2E-04	1.0E-03	1.6E-05	1.6E-01	2.7E-02	6.8E-08
691	0.07	7.1E-08	2.2E+01	7.2E-04	1.0E-03	1.6E-05	1.6E-01	2.7E-02	7.1E-08
692	0.07	7.1E-08	2.2E+01	7.2E-04	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.1E-08
693	0.07	7.0E-08	2.2E+01	7.2E-04	1.0E-03	1.6E-05	1.6E-01	2.7E-02	7.0E-08
694	0.07	6.6E-08	2.0E+01	7.2E-04	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.6E-08
695	0.06	6.0E-08	1.9E+01	7.2E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-02	6.0E-08
696	0.05	5.3E-08	1.6E+01	7.2E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.3E-08
697	0.05	4.6E-08	1.4E+01	7.2E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.6E-08
698	0.04	4.0E-08	1.2E+01	7.2E-04	1.0E-03	9.3E-06	1.6E-01	2.7E-02	4.0E-08
699	0.03	3.4E-08	1.1E+01	7.2E-04	1.0E-03	8.0E-06	1.6E-01	2.7E-02	3.4E-08
700	0.03	3.0E-08	9.2E+00	7.2E-04	1.0E-03	6.9E-06	1.6E-01	2.7E-02	3.0E-08
701	0.03	2.6E-08	8.0E+00	7.2E-04	1.0E-03	6.1E-06	1.6E-01	2.7E-02	2.6E-08
702	0.02	2.3E-08	7.1E+00	7.2E-04	1.0E-03	5.3E-06	1.6E-01	2.7E-02	2.3E-08
703	0.01	9.1E-09	2.8E+00	7.2E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-02	9.1E-09
704	0.01	1.0E-08	3.2E+00	7.2E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
705	0.01	1.2E-08	3.6E+00	7.2E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08
706	0.01	1.3E-08	4.1E+00	7.2E-04	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
707	0.02	1.5E-08	4.7E+00	7.2E-04	1.0E-03	3.6E-06	1.6E-01	2.7E-02	1.5E-08
708	0.02	1.8E-08	5.5E+00	7.2E-04	1.0E-03	4.1E-06	1.6E-01	2.7E-02	1.8E-08
709	0.02	2.1E-08	6.4E+00	7.2E-04	1.0E-03	4.8E-06	1.6E-01	2.7E-02	2.1E-08
710	0.02	2.4E-08	7.5E+00	7.2E-04	1.0E-03	5.6E-06	1.6E-01	2.7E-02	2.4E-08
711	0.03	2.8E-08	8.7E+00	7.2E-04	1.0E-03	6.6E-06	1.6E-01	2.7E-02	2.8E-08
712	0.03	3.3E-08	1.0E+01	7.2E-04	1.0E-03	7.7E-06	1.6E-01	2.7E-02	3.3E-08
713	0.04	3.8E-08	1.2E+01	7.2E-04	1.0E-03	8.8E-06	1.6E-01	2.7E-02	3.8E-08
714	0.04	4.3E-08	1.3E+01	7.2E-04	1.0E-03	1.0E-05	1.6E-01	2.7E-02	4.3E-08
715	0.05	4.8E-08	1.5E+01	7.2E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.8E-08
716	0.05	5.1E-08	1.6E+01	7.2E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.1E-08
717	0.05	5.3E-08	1.6E+01	7.2E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.3E-08
718	0.05	5.4E-08	1.7E+01	7.2E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.4E-08
719	0.05	5.3E-08	1.6E+01	7.2E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.3E-08
720	0.05	5.1E-08	1.6E+01	7.2E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.1E-08
721	0.05	4.7E-08	1.5E+01	7.2E-04	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.7E-08
722	0.04	4.3E-08	1.3E+01	7.2E-04	1.0E-03	1.0E-05	1.6E-01	2.7E-02	4.3E-08
723	0.04	3.8E-08	1.2E+01	7.2E-04	1.0E-03	8.9E-06	1.6E-01	2.7E-02	3.8E-08
724	0.03	3.4E-08	1.0E+01	7.2E-04	1.0E-03	7.9E-06	1.6E-01	2.7E-02	3.4E-08
725	0.03	3.0E-08	9.2E+00	7.2E-04	1.0E-03	7.0E-06	1.6E-01	2.7E-02	3.0E-08
726	0.03	2.7E-08	8.2E+00	7.2E-04	1.0E-03	6.2E-06	1.6E-01	2.7E-02	2.7E-08
727	0.02	2.3E-08	7.2E+00	7.2E-04	1.0E-03	5.4E-06	1.6E-01	2.7E-02	2.3E-08
728	0.02	2.1E-08	6.4E+00	7.2E-04	1.0E-03	4.8E-06	1.6E-01	2.7E-02	2.1E-08
729	0.01	8.5E-09	2.6E+00	7.2E-04	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.5E-09

730	0.01	9.6E-09	3.0E+00	7.2E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.6E-09
731	0.01	1.1E-08	3.3E+00	7.2E-04	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
732	0.01	1.2E-08	3.8E+00	7.2E-04	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.2E-08
733	0.01	1.4E-08	4.3E+00	7.2E-04	1.0E-03	3.2E-06	1.6E-01	2.7E-02	1.4E-08
734	0.02	1.6E-08	4.9E+00	7.2E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-02	1.6E-08
735	0.02	1.8E-08	5.6E+00	7.2E-04	1.0E-03	4.3E-06	1.6E-01	2.7E-02	1.8E-08
736	0.02	2.1E-08	6.5E+00	7.2E-04	1.0E-03	4.9E-06	1.6E-01	2.7E-02	2.1E-08
737	0.02	2.4E-08	7.4E+00	7.2E-04	1.0E-03	5.6E-06	1.6E-01	2.7E-02	2.4E-08
738	0.03	2.8E-08	8.5E+00	7.2E-04	1.0E-03	6.4E-06	1.6E-01	2.7E-02	2.8E-08
739	0.03	3.1E-08	9.5E+00	7.2E-04	1.0E-03	7.2E-06	1.6E-01	2.7E-02	3.1E-08
740	0.03	3.5E-08	1.1E+01	7.2E-04	1.0E-03	8.0E-06	1.6E-01	2.7E-02	3.5E-08
741	0.04	3.8E-08	1.2E+01	7.2E-04	1.0E-03	8.8E-06	1.6E-01	2.7E-02	3.8E-08
742	0.04	4.0E-08	1.2E+01	7.2E-04	1.0E-03	9.3E-06	1.6E-01	2.7E-02	4.0E-08
743	0.04	4.1E-08	1.3E+01	7.2E-04	1.0E-03	9.6E-06	1.6E-01	2.7E-02	4.1E-08
744	0.04	4.2E-08	1.3E+01	7.2E-04	1.0E-03	9.8E-06	1.6E-01	2.7E-02	4.2E-08
745	0.04	4.2E-08	1.3E+01	7.2E-04	1.0E-03	9.7E-06	1.6E-01	2.7E-02	4.2E-08
746	0.04	4.1E-08	1.2E+01	7.2E-04	1.0E-03	9.4E-06	1.6E-01	2.7E-02	4.1E-08
747	0.04	3.8E-08	1.2E+01	7.2E-04	1.0E-03	8.9E-06	1.6E-01	2.7E-02	3.8E-08
748	0.04	3.5E-08	1.1E+01	7.2E-04	1.0E-03	8.2E-06	1.6E-01	2.7E-02	3.5E-08
749	0.03	3.2E-08	9.9E+00	7.2E-04	1.0E-03	7.5E-06	1.6E-01	2.7E-02	3.2E-08
750	0.03	2.9E-08	9.0E+00	7.2E-04	1.0E-03	6.8E-06	1.6E-01	2.7E-02	2.9E-08
751	0.03	2.6E-08	8.1E+00	7.2E-04	1.0E-03	6.1E-06	1.6E-01	2.7E-02	2.6E-08
752	0.02	2.4E-08	7.2E+00	7.2E-04	1.0E-03	5.5E-06	1.6E-01	2.7E-02	2.4E-08
753	0.02	2.1E-08	6.5E+00	7.2E-04	1.0E-03	4.9E-06	1.6E-01	2.7E-02	2.1E-08
754	0.02	1.9E-08	5.8E+00	7.2E-04	1.0E-03	4.4E-06	1.6E-01	2.7E-02	1.9E-08
755	0.01	8.0E-09	2.5E+00	7.2E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.0E-09
756	0.01	8.9E-09	2.7E+00	7.2E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-02	8.9E-09
757	0.01	1.0E-08	3.1E+00	7.2E-04	1.0E-03	2.3E-06	1.6E-01	2.7E-02	1.0E-08
758	0.01	1.1E-08	3.5E+00	7.2E-04	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
759	0.01	1.3E-08	3.9E+00	7.2E-04	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.3E-08
760	0.01	1.4E-08	4.4E+00	7.2E-04	1.0E-03	3.3E-06	1.6E-01	2.7E-02	1.4E-08
761	0.02	1.6E-08	5.0E+00	7.2E-04	1.0E-03	3.8E-06	1.6E-01	2.7E-02	1.6E-08
762	0.02	1.8E-08	5.7E+00	7.2E-04	1.0E-03	4.3E-06	1.6E-01	2.7E-02	1.8E-08
763	0.02	2.1E-08	6.4E+00	7.2E-04	1.0E-03	4.8E-06	1.6E-01	2.7E-02	2.1E-08
764	0.02	2.3E-08	7.2E+00	7.2E-04	1.0E-03	5.4E-06	1.6E-01	2.7E-02	2.3E-08
765	0.03	2.6E-08	7.9E+00	7.2E-04	1.0E-03	6.0E-06	1.6E-01	2.7E-02	2.6E-08
766	0.03	2.8E-08	8.7E+00	7.2E-04	1.0E-03	6.6E-06	1.6E-01	2.7E-02	2.8E-08
767	0.03	3.1E-08	9.4E+00	7.2E-04	1.0E-03	7.1E-06	1.6E-01	2.7E-02	3.1E-08
768	0.03	3.2E-08	9.9E+00	7.2E-04	1.0E-03	7.5E-06	1.6E-01	2.7E-02	3.2E-08
769	0.03	3.3E-08	1.0E+01	7.2E-04	1.0E-03	7.8E-06	1.6E-01	2.7E-02	3.3E-08
770	0.03	3.4E-08	1.1E+01	7.2E-04	1.0E-03	7.9E-06	1.6E-01	2.7E-02	3.4E-08
771	0.03	3.4E-08	1.1E+01	7.2E-04	1.0E-03	7.9E-06	1.6E-01	2.7E-02	3.4E-08
772	0.03	3.3E-08	1.0E+01	7.2E-04	1.0E-03	7.8E-06	1.6E-01	2.7E-02	3.3E-08
773	0.03	3.2E-08	9.8E+00	7.2E-04	1.0E-03	7.4E-06	1.6E-01	2.7E-02	3.2E-08
774	0.03	3.0E-08	9.2E+00	7.2E-04	1.0E-03	6.9E-06	1.6E-01	2.7E-02	3.0E-08
775	0.03	2.8E-08	8.5E+00	7.2E-04	1.0E-03	6.4E-06	1.6E-01	2.7E-02	2.8E-08

776	0.03	2.5E-08	7.8E+00	7.2E-04	1.0E-03	5.9E-06	1.6E-01	2.7E-02	2.5E-08
777	0.02	2.3E-08	7.1E+00	7.2E-04	1.0E-03	5.4E-06	1.6E-01	2.7E-02	2.3E-08
778	0.02	2.1E-08	6.5E+00	7.2E-04	1.0E-03	4.9E-06	1.6E-01	2.7E-02	2.1E-08
779	0.02	1.9E-08	5.9E+00	7.2E-04	1.0E-03	4.4E-06	1.6E-01	2.7E-02	1.9E-08
780	0.02	1.7E-08	5.3E+00	7.2E-04	1.0E-03	4.0E-06	1.6E-01	2.7E-02	1.7E-08
781	0.01	7.5E-09	2.3E+00	7.2E-04	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.5E-09
782	0.01	8.3E-09	2.6E+00	7.2E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.3E-09
783	0.01	9.2E-09	2.8E+00	7.2E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-02	9.2E-09
784	0.01	1.0E-08	3.2E+00	7.2E-04	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
785	0.01	1.2E-08	3.6E+00	7.2E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08
786	0.01	1.3E-08	4.0E+00	7.2E-04	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
787	0.01	1.4E-08	4.5E+00	7.2E-04	1.0E-03	3.4E-06	1.6E-01	2.7E-02	1.4E-08
788	0.02	1.6E-08	5.0E+00	7.2E-04	1.0E-03	3.8E-06	1.6E-01	2.7E-02	1.6E-08
789	0.02	1.8E-08	5.5E+00	7.2E-04	1.0E-03	4.2E-06	1.6E-01	2.7E-02	1.8E-08
790	0.02	2.0E-08	6.1E+00	7.2E-04	1.0E-03	4.6E-06	1.6E-01	2.7E-02	2.0E-08
791	0.02	2.2E-08	6.7E+00	7.2E-04	1.0E-03	5.1E-06	1.6E-01	2.7E-02	2.2E-08
792	0.02	2.4E-08	7.3E+00	7.2E-04	1.0E-03	5.5E-06	1.6E-01	2.7E-02	2.4E-08
793	0.03	2.5E-08	7.8E+00	7.2E-04	1.0E-03	5.9E-06	1.6E-01	2.7E-02	2.5E-08
794	0.03	2.7E-08	8.2E+00	7.2E-04	1.0E-03	6.2E-06	1.6E-01	2.7E-02	2.7E-08
795	0.03	2.8E-08	8.5E+00	7.2E-04	1.0E-03	6.4E-06	1.6E-01	2.7E-02	2.8E-08
796	0.03	2.8E-08	8.7E+00	7.2E-04	1.0E-03	6.6E-06	1.6E-01	2.7E-02	2.8E-08
797	0.03	2.8E-08	8.8E+00	7.2E-04	1.0E-03	6.6E-06	1.6E-01	2.7E-02	2.8E-08
798	0.03	2.8E-08	8.6E+00	7.2E-04	1.0E-03	6.5E-06	1.6E-01	2.7E-02	2.8E-08
799	0.03	2.7E-08	8.3E+00	7.2E-04	1.0E-03	6.3E-06	1.6E-01	2.7E-02	2.7E-08
800	0.03	2.5E-08	7.8E+00	7.2E-04	1.0E-03	5.9E-06	1.6E-01	2.7E-02	2.5E-08
801	0.02	2.4E-08	7.3E+00	7.2E-04	1.0E-03	5.5E-06	1.6E-01	2.7E-02	2.4E-08
802	0.02	2.2E-08	6.8E+00	7.2E-04	1.0E-03	5.2E-06	1.6E-01	2.7E-02	2.2E-08
803	0.02	2.1E-08	6.3E+00	7.2E-04	1.0E-03	4.8E-06	1.6E-01	2.7E-02	2.1E-08
804	0.02	1.9E-08	5.8E+00	7.2E-04	1.0E-03	4.4E-06	1.6E-01	2.7E-02	1.9E-08
805	0.02	1.7E-08	5.3E+00	7.2E-04	1.0E-03	4.0E-06	1.6E-01	2.7E-02	1.7E-08
806	0.02	1.6E-08	4.9E+00	7.2E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-02	1.6E-08
807	0.13	1.3E-07	4.1E+01	7.2E-04	1.0E-03	3.1E-05	1.6E-01	2.7E-02	1.3E-07
808	0.15	1.5E-07	4.7E+01	7.2E-04	1.0E-03	3.5E-05	1.6E-01	2.7E-02	1.5E-07
809	0.11	1.1E-07	3.4E+01	7.2E-04	1.0E-03	2.6E-05	1.6E-01	2.7E-02	1.1E-07
810	0.15	1.5E-07	4.6E+01	7.2E-04	1.0E-03	3.4E-05	1.6E-01	2.7E-02	1.5E-07
811	0.14	1.4E-07	4.2E+01	7.2E-04	1.0E-03	3.2E-05	1.6E-01	2.7E-02	1.4E-07
812	0.18	1.8E-07	5.6E+01	7.2E-04	1.0E-03	4.2E-05	1.6E-01	2.7E-02	1.8E-07
813	0.14	1.4E-07	4.4E+01	7.2E-04	1.0E-03	3.3E-05	1.6E-01	2.7E-02	1.4E-07
814	0.18	1.8E-07	5.4E+01	7.2E-04	1.0E-03	4.1E-05	1.6E-01	2.7E-02	1.8E-07
815	0.14	1.4E-07	4.3E+01	7.2E-04	1.0E-03	3.3E-05	1.6E-01	2.7E-02	1.4E-07
816	0.17	1.7E-07	5.4E+01	7.2E-04	1.0E-03	4.1E-05	1.6E-01	2.7E-02	1.7E-07
817	0.13	1.3E-07	3.9E+01	7.2E-04	1.0E-03	2.9E-05	1.6E-01	2.7E-02	1.3E-07
818	0.18	1.8E-07	5.4E+01	7.2E-04	1.0E-03	4.1E-05	1.6E-01	2.7E-02	1.8E-07
819	0.12	1.2E-07	3.7E+01	7.2E-04	1.0E-03	2.8E-05	1.6E-01	2.7E-02	1.2E-07
820	0.16	1.6E-07	4.9E+01	7.2E-04	1.0E-03	3.7E-05	1.6E-01	2.7E-02	1.6E-07
821	0.04	3.6E-08	1.1E+01	7.2E-04	1.0E-03	8.2E-06	1.6E-01	2.7E-02	3.6E-08

822	0.04	4.5E-08	1.4E+01	7.2E-04	1.0E-03	1.0E-05	1.6E-01	2.7E-02	4.5E-08
823	0.06	5.8E-08	1.8E+01	7.2E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.8E-08
824	0.04	4.2E-08	1.3E+01	7.2E-04	1.0E-03	9.8E-06	1.6E-01	2.7E-02	4.2E-08
825	0.06	5.7E-08	1.7E+01	7.2E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.7E-08
826	0.08	7.8E-08	2.4E+01	7.2E-04	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.8E-08
827	0.05	5.1E-08	1.6E+01	7.2E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.1E-08
828	0.07	7.4E-08	2.3E+01	7.2E-04	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.4E-08
829	0.09	8.7E-08	2.7E+01	7.2E-04	1.0E-03	2.0E-05	1.6E-01	2.7E-02	8.7E-08
830	0.06	5.8E-08	1.8E+01	7.2E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-02	5.8E-08
831	0.09	8.9E-08	2.7E+01	7.2E-04	1.0E-03	2.1E-05	1.6E-01	2.7E-02	8.9E-08
832	0.09	9.2E-08	2.8E+01	7.2E-04	1.0E-03	2.1E-05	1.6E-01	2.7E-02	9.2E-08
833	0.06	6.3E-08	2.0E+01	7.2E-04	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.3E-08
834	0.10	9.7E-08	3.0E+01	7.2E-04	1.0E-03	2.2E-05	1.6E-01	2.7E-02	9.7E-08
835	0.09	8.8E-08	2.7E+01	7.2E-04	1.0E-03	2.0E-05	1.6E-01	2.7E-02	8.8E-08
836	0.07	6.5E-08	2.0E+01	7.2E-04	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.5E-08
837	0.10	9.7E-08	3.0E+01	7.2E-04	1.0E-03	2.3E-05	1.6E-01	2.7E-02	9.7E-08
838	0.11	1.1E-07	3.3E+01	7.2E-04	1.0E-03	2.5E-05	1.6E-01	2.7E-02	1.1E-07
839	0.07	6.7E-08	2.1E+01	7.2E-04	1.0E-03	1.6E-05	1.6E-01	2.7E-02	6.7E-08
840	0.10	9.9E-08	3.1E+01	7.2E-04	1.0E-03	2.3E-05	1.6E-01	2.7E-02	9.9E-08
841	0.11	1.1E-07	3.5E+01	7.2E-04	1.0E-03	2.6E-05	1.6E-01	2.7E-02	1.1E-07
842	0.07	6.7E-08	2.1E+01	7.2E-04	1.0E-03	1.6E-05	1.6E-01	2.7E-02	6.7E-08
843	0.09	8.7E-08	2.7E+01	7.2E-04	1.0E-03	2.0E-05	1.6E-01	2.7E-02	8.7E-08
844	0.11	1.1E-07	3.4E+01	7.2E-04	1.0E-03	2.6E-05	1.6E-01	2.7E-02	1.1E-07
845	0.06	6.4E-08	2.0E+01	7.2E-04	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.4E-08
846	0.10	9.9E-08	3.1E+01	7.2E-04	1.0E-03	2.3E-05	1.6E-01	2.7E-02	9.9E-08
847	0.10	1.0E-07	3.2E+01	7.2E-04	1.0E-03	2.4E-05	1.6E-01	2.7E-02	1.0E-07
848	0.06	5.7E-08	1.8E+01	7.2E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.7E-08
849	0.08	8.4E-08	2.6E+01	7.2E-04	1.0E-03	2.0E-05	1.6E-01	2.7E-02	8.4E-08
850	0.10	1.0E-07	3.1E+01	7.2E-04	1.0E-03	2.3E-05	1.6E-01	2.7E-02	1.0E-07
851	0.06	6.0E-08	1.9E+01	7.2E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-02	6.0E-08
852	0.09	8.7E-08	2.7E+01	7.2E-04	1.0E-03	2.0E-05	1.6E-01	2.7E-02	8.7E-08
853	0.10	1.0E-07	3.1E+01	7.2E-04	1.0E-03	2.4E-05	1.6E-01	2.7E-02	1.0E-07
854	0.14	1.4E-07	4.3E+01	7.2E-04	1.0E-03	3.2E-05	1.6E-01	2.7E-02	1.4E-07
855	0.13	1.3E-07	4.0E+01	7.2E-04	1.0E-03	3.0E-05	1.6E-01	2.7E-02	1.3E-07
856	0.05	5.1E-08	1.6E+01	7.2E-04	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.1E-08
857	0.07	6.9E-08	2.1E+01	7.2E-04	1.0E-03	1.6E-05	1.6E-01	2.7E-02	6.9E-08
858	0.09	9.4E-08	2.9E+01	7.2E-04	1.0E-03	2.2E-05	1.6E-01	2.7E-02	9.4E-08
859	0.13	1.3E-07	4.0E+01	7.2E-04	1.0E-03	3.0E-05	1.6E-01	2.7E-02	1.3E-07
860	0.12	1.2E-07	3.7E+01	7.2E-04	1.0E-03	2.8E-05	1.6E-01	2.7E-02	1.2E-07
861	0.04	4.4E-08	1.4E+01	7.2E-04	1.0E-03	1.0E-05	1.6E-01	2.7E-02	4.4E-08
862	0.06	5.7E-08	1.8E+01	7.2E-04	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.7E-08
863	0.08	7.6E-08	2.4E+01	7.2E-04	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.6E-08
864	0.11	1.1E-07	3.3E+01	7.2E-04	1.0E-03	2.5E-05	1.6E-01	2.7E-02	1.1E-07
865	0.11	1.1E-07	3.2E+01	7.2E-04	1.0E-03	2.4E-05	1.6E-01	2.7E-02	1.1E-07
866	0.06	5.8E-08	1.8E+01	7.2E-04	1.0E-03	1.4E-05	1.6E-01	2.7E-02	5.8E-08
867	0.08	7.8E-08	2.4E+01	7.2E-04	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.8E-08

868	0.11	1.1E-07	3.3E+01	7.2E-04	1.0E-03	2.5E-05	1.6E-01	2.7E-02	1.1E-07
869	0.12	1.2E-07	3.7E+01	7.2E-04	1.0E-03	2.8E-05	1.6E-01	2.7E-02	1.2E-07
870	0.09	8.8E-08	2.7E+01	7.2E-04	1.0E-03	2.1E-05	1.6E-01	2.7E-02	8.8E-08
871	0.09	9.1E-08	2.8E+01	7.2E-04	1.0E-03	2.1E-05	1.6E-01	2.7E-02	9.1E-08
872	0.13	1.3E-07	3.9E+01	7.2E-04	1.0E-03	2.9E-05	1.6E-01	2.7E-02	1.3E-07
873	0.00	0.0E+00		7.2E-04	1.0E-03	0.0E+00	1.6E-01	2.7E-02	0.0E+00

Risk From New Building Demo (Port. 2) - Mitigated Residential

Franklin School Project

Risk From New Building Demo (Port. 2) - Mitigated Residential

	0.04	Max					Onsite		
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
1	0.00	1.3E-10	2.0E-01	7.5E-04	1.0E-03	1.5E-07	1.6E-01	5.5E-03	1.3E-10
2	0.00	1.5E-10	2.2E-01	7.5E-04	1.0E-03	1.7E-07	1.6E-01	5.5E-03	1.5E-10
3	0.00	1.6E-10	2.4E-01	7.5E-04	1.0E-03	1.9E-07	1.6E-01	5.5E-03	1.6E-10
4	0.00	1.8E-10	2.6E-01	7.5E-04	1.0E-03	2.1E-07	1.6E-01	5.5E-03	1.8E-10
5	0.00	1.9E-10	2.9E-01	7.5E-04	1.0E-03	2.2E-07	1.6E-01	5.5E-03	1.9E-10
6	0.00	2.1E-10	3.1E-01	7.5E-04	1.0E-03	2.4E-07	1.6E-01	5.5E-03	2.1E-10
7	0.00	2.2E-10	3.3E-01	7.5E-04	1.0E-03	2.6E-07	1.6E-01	5.5E-03	2.2E-10
8	0.00	2.4E-10	3.5E-01	7.5E-04	1.0E-03	2.7E-07	1.6E-01	5.5E-03	2.4E-10
9	0.00	2.5E-10	3.7E-01	7.5E-04	1.0E-03	2.9E-07	1.6E-01	5.5E-03	2.5E-10
10	0.00	2.7E-10	3.9E-01	7.5E-04	1.0E-03	3.1E-07	1.6E-01	5.5E-03	2.6E-10
11	0.00	2.9E-10	4.2E-01	7.5E-04	1.0E-03	3.3E-07	1.6E-01	5.5E-03	2.8E-10
12	0.00	3.1E-10	4.5E-01	7.5E-04	1.0E-03	3.6E-07	1.6E-01	5.5E-03	3.1E-10
13	0.00	3.3E-10	4.8E-01	7.5E-04	1.0E-03	3.8E-07	1.6E-01	5.5E-03	3.2E-10
14	0.00	3.4E-10	5.0E-01	7.5E-04	1.0E-03	3.9E-07	1.6E-01	5.5E-03	3.4E-10
15	0.00	3.5E-10	5.2E-01	7.5E-04	1.0E-03	4.1E-07	1.6E-01	5.5E-03	3.5E-10
16	0.00	3.6E-10	5.3E-01	7.5E-04	1.0E-03	4.1E-07	1.6E-01	5.5E-03	3.5E-10
17	0.00	1.5E-10	2.2E-01	7.5E-04	1.0E-03	1.7E-07	1.6E-01	5.5E-03	1.5E-10
18	0.00	1.7E-10	2.5E-01	7.5E-04	1.0E-03	1.9E-07	1.6E-01	5.5E-03	1.7E-10
19	0.00	1.9E-10	2.8E-01	7.5E-04	1.0E-03	2.2E-07	1.6E-01	5.5E-03	1.9E-10
20	0.00	2.1E-10	3.1E-01	7.5E-04	1.0E-03	2.4E-07	1.6E-01	5.5E-03	2.1E-10
21	0.00	2.3E-10	3.4E-01	7.5E-04	1.0E-03	2.7E-07	1.6E-01	5.5E-03	2.3E-10
22	0.00	2.5E-10	3.7E-01	7.5E-04	1.0E-03	2.9E-07	1.6E-01	5.5E-03	2.5E-10
23	0.00	2.7E-10	4.0E-01	7.5E-04	1.0E-03	3.2E-07	1.6E-01	5.5E-03	2.7E-10
24	0.00	2.9E-10	4.3E-01	7.5E-04	1.0E-03	3.4E-07	1.6E-01	5.5E-03	2.9E-10
25	0.00	3.1E-10	4.6E-01	7.5E-04	1.0E-03	3.6E-07	1.6E-01	5.5E-03	3.1E-10
26	0.00	3.4E-10	4.9E-01	7.5E-04	1.0E-03	3.9E-07	1.6E-01	5.5E-03	3.3E-10
27	0.00	3.7E-10	5.4E-01	7.5E-04	1.0E-03	4.2E-07	1.6E-01	5.5E-03	3.6E-10
28	0.00	4.0E-10	5.9E-01	7.5E-04	1.0E-03	4.6E-07	1.6E-01	5.5E-03	3.9E-10
29	0.00	4.2E-10	6.2E-01	7.5E-04	1.0E-03	4.9E-07	1.6E-01	5.5E-03	4.2E-10
30	0.00	4.4E-10	6.5E-01	7.5E-04	1.0E-03	5.1E-07	1.6E-01	5.5E-03	4.4E-10
31	0.00	4.5E-10	6.6E-01	7.5E-04	1.0E-03	5.2E-07	1.6E-01	5.5E-03	4.4E-10
32	0.00	4.4E-10	6.5E-01	7.5E-04	1.0E-03	5.1E-07	1.6E-01	5.5E-03	4.4E-10
33	0.00	1.7E-10	2.5E-01	7.5E-04	1.0E-03	1.9E-07	1.6E-01	5.5E-03	1.7E-10
34	0.00	1.9E-10	2.8E-01	7.5E-04	1.0E-03	2.2E-07	1.6E-01	5.5E-03	1.9E-10
35	0.00	2.2E-10	3.2E-01	7.5E-04	1.0E-03	2.5E-07	1.6E-01	5.5E-03	2.2E-10
36	0.00	2.5E-10	3.6E-01	7.5E-04	1.0E-03	2.8E-07	1.6E-01	5.5E-03	2.5E-10
37	0.00	2.8E-10	4.1E-01	7.5E-04	1.0E-03	3.2E-07	1.6E-01	5.5E-03	2.8E-10
38	0.00	3.1E-10	4.6E-01	7.5E-04	1.0E-03	3.6E-07	1.6E-01	5.5E-03	3.1E-10
39	0.00	3.4E-10	5.1E-01	7.5E-04	1.0E-03	4.0E-07	1.6E-01	5.5E-03	3.4E-10

40	0.00	3.7E-10	5.5E-01	7.5E-04	1.0E-03	4.3E-07	1.6E-01	5.5E-03	3.7E-10
41	0.00	4.0E-10	5.9E-01	7.5E-04	1.0E-03	4.7E-07	1.6E-01	5.5E-03	4.0E-10
42	0.00	4.4E-10	6.5E-01	7.5E-04	1.0E-03	5.1E-07	1.6E-01	5.5E-03	4.4E-10
43	0.00	4.9E-10	7.2E-01	7.5E-04	1.0E-03	5.6E-07	1.6E-01	5.5E-03	4.9E-10
44	0.00	5.3E-10	7.8E-01	7.5E-04	1.0E-03	6.1E-07	1.6E-01	5.5E-03	5.3E-10
45	0.00	5.6E-10	8.3E-01	7.5E-04	1.0E-03	6.5E-07	1.6E-01	5.5E-03	5.6E-10
46	0.00	5.7E-10	8.5E-01	7.5E-04	1.0E-03	6.6E-07	1.6E-01	5.5E-03	5.7E-10
47	0.00	5.7E-10	8.4E-01	7.5E-04	1.0E-03	6.6E-07	1.6E-01	5.5E-03	5.7E-10
48	0.00	5.5E-10	8.1E-01	7.5E-04	1.0E-03	6.4E-07	1.6E-01	5.5E-03	5.5E-10
49	0.00	1.9E-10	2.8E-01	7.5E-04	1.0E-03	2.2E-07	1.6E-01	5.5E-03	1.9E-10
50	0.00	2.2E-10	3.2E-01	7.5E-04	1.0E-03	2.5E-07	1.6E-01	5.5E-03	2.2E-10
51	0.00	2.6E-10	3.8E-01	7.5E-04	1.0E-03	2.9E-07	1.6E-01	5.5E-03	2.5E-10
52	0.00	3.0E-10	4.4E-01	7.5E-04	1.0E-03	3.4E-07	1.6E-01	5.5E-03	2.9E-10
53	0.00	3.4E-10	5.0E-01	7.5E-04	1.0E-03	4.0E-07	1.6E-01	5.5E-03	3.4E-10
54	0.00	3.9E-10	5.8E-01	7.5E-04	1.0E-03	4.5E-07	1.6E-01	5.5E-03	3.9E-10
55	0.00	4.4E-10	6.5E-01	7.5E-04	1.0E-03	5.1E-07	1.6E-01	5.5E-03	4.4E-10
56	0.00	4.9E-10	7.2E-01	7.5E-04	1.0E-03	5.6E-07	1.6E-01	5.5E-03	4.8E-10
57	0.00	5.4E-10	7.9E-01	7.5E-04	1.0E-03	6.2E-07	1.6E-01	5.5E-03	5.3E-10
58	0.00	6.0E-10	8.9E-01	7.5E-04	1.0E-03	6.9E-07	1.6E-01	5.5E-03	6.0E-10
59	0.00	6.9E-10	1.0E+00	7.5E-04	1.0E-03	7.9E-07	1.6E-01	5.5E-03	6.8E-10
60	0.00	7.4E-10	1.1E+00	7.5E-04	1.0E-03	8.5E-07	1.6E-01	5.5E-03	7.4E-10
61	0.00	7.7E-10	1.1E+00	7.5E-04	1.0E-03	8.8E-07	1.6E-01	5.5E-03	7.6E-10
62	0.00	7.6E-10	1.1E+00	7.5E-04	1.0E-03	8.8E-07	1.6E-01	5.5E-03	7.6E-10
63	0.00	7.3E-10	1.1E+00	7.5E-04	1.0E-03	8.4E-07	1.6E-01	5.5E-03	7.3E-10
64	0.00	6.8E-10	1.0E+00	7.5E-04	1.0E-03	7.9E-07	1.6E-01	5.5E-03	6.8E-10
65	0.00	2.1E-10	3.1E-01	7.5E-04	1.0E-03	2.5E-07	1.6E-01	5.5E-03	2.1E-10
66	0.00	2.5E-10	3.7E-01	7.5E-04	1.0E-03	2.9E-07	1.6E-01	5.5E-03	2.5E-10
67	0.00	3.0E-10	4.4E-01	7.5E-04	1.0E-03	3.5E-07	1.6E-01	5.5E-03	3.0E-10
68	0.00	3.6E-10	5.3E-01	7.5E-04	1.0E-03	4.1E-07	1.6E-01	5.5E-03	3.6E-10
69	0.00	4.3E-10	6.3E-01	7.5E-04	1.0E-03	4.9E-07	1.6E-01	5.5E-03	4.3E-10
70	0.00	5.1E-10	7.5E-01	7.5E-04	1.0E-03	5.9E-07	1.6E-01	5.5E-03	5.1E-10
71	0.00	6.0E-10	8.8E-01	7.5E-04	1.0E-03	6.9E-07	1.6E-01	5.5E-03	5.9E-10
72	0.00	6.8E-10	1.0E+00	7.5E-04	1.0E-03	7.8E-07	1.6E-01	5.5E-03	6.7E-10
73	0.00	7.8E-10	1.1E+00	7.5E-04	1.0E-03	8.9E-07	1.6E-01	5.5E-03	7.7E-10
74	0.00	9.1E-10	1.3E+00	7.5E-04	1.0E-03	1.0E-06	1.6E-01	5.5E-03	9.0E-10
75	0.00	1.0E-09	1.5E+00	7.5E-04	1.0E-03	1.2E-06	1.6E-01	5.5E-03	1.0E-09
76	0.00	1.1E-09	1.6E+00	7.5E-04	1.0E-03	1.2E-06	1.6E-01	5.5E-03	1.1E-09
77	0.00	1.1E-09	1.6E+00	7.5E-04	1.0E-03	1.2E-06	1.6E-01	5.5E-03	1.1E-09
78	0.00	1.0E-09	1.5E+00	7.5E-04	1.0E-03	1.2E-06	1.6E-01	5.5E-03	1.0E-09
79	0.00	9.2E-10	1.4E+00	7.5E-04	1.0E-03	1.1E-06	1.6E-01	5.5E-03	9.2E-10
80	0.00	8.2E-10	1.2E+00	7.5E-04	1.0E-03	9.5E-07	1.6E-01	5.5E-03	8.2E-10
81	0.00	2.4E-10	3.5E-01	7.5E-04	1.0E-03	2.7E-07	1.6E-01	5.5E-03	2.4E-10
82	0.00	2.9E-10	4.2E-01	7.5E-04	1.0E-03	3.3E-07	1.6E-01	5.5E-03	2.8E-10
83	0.00	3.5E-10	5.2E-01	7.5E-04	1.0E-03	4.1E-07	1.6E-01	5.5E-03	3.5E-10
84	0.00	4.4E-10	6.4E-01	7.5E-04	1.0E-03	5.0E-07	1.6E-01	5.5E-03	4.3E-10
85	0.00	5.5E-10	8.1E-01	7.5E-04	1.0E-03	6.3E-07	1.6E-01	5.5E-03	5.4E-10

86	0.00	6.9E-10	1.0E+00	7.5E-04	1.0E-03	7.9E-07	1.6E-01	5.5E-03	6.8E-10
87	0.00	8.6E-10	1.3E+00	7.5E-04	1.0E-03	9.8E-07	1.6E-01	5.5E-03	8.4E-10
88	0.00	1.0E-09	1.5E+00	7.5E-04	1.0E-03	1.2E-06	1.6E-01	5.5E-03	1.0E-09
89	0.00	1.2E-09	1.8E+00	7.5E-04	1.0E-03	1.4E-06	1.6E-01	5.5E-03	1.2E-09
90	0.00	1.5E-09	2.2E+00	7.5E-04	1.0E-03	1.7E-06	1.6E-01	5.5E-03	1.5E-09
91	0.00	1.6E-09	2.4E+00	7.5E-04	1.0E-03	1.9E-06	1.6E-01	5.5E-03	1.6E-09
92	0.00	1.6E-09	2.4E+00	7.5E-04	1.0E-03	1.9E-06	1.6E-01	5.5E-03	1.6E-09
93	0.00	1.5E-09	2.2E+00	7.5E-04	1.0E-03	1.7E-06	1.6E-01	5.5E-03	1.5E-09
94	0.00	1.3E-09	1.9E+00	7.5E-04	1.0E-03	1.5E-06	1.6E-01	5.5E-03	1.3E-09
95	0.00	1.1E-09	1.7E+00	7.5E-04	1.0E-03	1.3E-06	1.6E-01	5.5E-03	1.1E-09
96	0.00	9.6E-10	1.4E+00	7.5E-04	1.0E-03	1.1E-06	1.6E-01	5.5E-03	9.5E-10
97	0.00	2.6E-10	3.8E-01	7.5E-04	1.0E-03	3.0E-07	1.6E-01	5.5E-03	2.6E-10
98	0.00	3.2E-10	4.7E-01	7.5E-04	1.0E-03	3.7E-07	1.6E-01	5.5E-03	3.2E-10
99	0.00	4.1E-10	6.0E-01	7.5E-04	1.0E-03	4.7E-07	1.6E-01	5.5E-03	4.1E-10
100	0.00	5.3E-10	7.8E-01	7.5E-04	1.0E-03	6.1E-07	1.6E-01	5.5E-03	5.3E-10
101	0.00	7.1E-10	1.0E+00	7.5E-04	1.0E-03	8.1E-07	1.6E-01	5.5E-03	7.0E-10
102	0.00	9.7E-10	1.4E+00	7.5E-04	1.0E-03	1.1E-06	1.6E-01	5.5E-03	9.5E-10
103	0.00	1.4E-09	1.9E+00	7.5E-04	1.0E-03	1.5E-06	1.6E-01	5.5E-03	1.3E-09
104	0.00	1.8E-09	2.6E+00	7.5E-04	1.0E-03	2.0E-06	1.6E-01	5.5E-03	1.7E-09
105	0.00	2.3E-09	3.3E+00	7.5E-04	1.0E-03	2.6E-06	1.6E-01	5.5E-03	2.2E-09
106	0.00	2.7E-09	4.0E+00	7.5E-04	1.0E-03	3.1E-06	1.6E-01	5.5E-03	2.7E-09
107	0.00	2.7E-09	4.0E+00	7.5E-04	1.0E-03	3.1E-06	1.6E-01	5.5E-03	2.7E-09
108	0.00	2.4E-09	3.6E+00	7.5E-04	1.0E-03	2.8E-06	1.6E-01	5.5E-03	2.4E-09
109	0.00	2.0E-09	3.0E+00	7.5E-04	1.0E-03	2.3E-06	1.6E-01	5.5E-03	2.0E-09
110	0.00	1.6E-09	2.4E+00	7.5E-04	1.0E-03	1.9E-06	1.6E-01	5.5E-03	1.6E-09
111	0.00	1.3E-09	1.9E+00	7.5E-04	1.0E-03	1.5E-06	1.6E-01	5.5E-03	1.3E-09
112	0.00	1.1E-09	1.6E+00	7.5E-04	1.0E-03	1.2E-06	1.6E-01	5.5E-03	1.1E-09
113	0.00	2.8E-10	4.2E-01	7.5E-04	1.0E-03	3.3E-07	1.6E-01	5.5E-03	2.8E-10
114	0.00	3.6E-10	5.3E-01	7.5E-04	1.0E-03	4.1E-07	1.6E-01	5.5E-03	3.5E-10
115	0.00	4.7E-10	6.9E-01	7.5E-04	1.0E-03	5.4E-07	1.6E-01	5.5E-03	4.6E-10
116	0.00	6.3E-10	9.4E-01	7.5E-04	1.0E-03	7.3E-07	1.6E-01	5.5E-03	6.3E-10
117	0.00	9.1E-10	1.3E+00	7.5E-04	1.0E-03	1.0E-06	1.6E-01	5.5E-03	9.0E-10
118	0.01	5.7E-09	8.4E+00	7.5E-04	1.0E-03	6.6E-06	1.6E-01	5.5E-03	5.7E-09
119	0.00	4.5E-09	6.7E+00	7.5E-04	1.0E-03	5.2E-06	1.6E-01	5.5E-03	4.5E-09
120	0.00	3.4E-09	5.1E+00	7.5E-04	1.0E-03	4.0E-06	1.6E-01	5.5E-03	3.4E-09
121	0.00	2.5E-09	3.8E+00	7.5E-04	1.0E-03	2.9E-06	1.6E-01	5.5E-03	2.5E-09
122	0.00	1.9E-09	2.8E+00	7.5E-04	1.0E-03	2.2E-06	1.6E-01	5.5E-03	1.9E-09
123	0.00	1.4E-09	2.1E+00	7.5E-04	1.0E-03	1.7E-06	1.6E-01	5.5E-03	1.4E-09
124	0.00	1.1E-09	1.6E+00	7.5E-04	1.0E-03	1.3E-06	1.6E-01	5.5E-03	1.1E-09
125	0.00	3.0E-10	4.4E-01	7.5E-04	1.0E-03	3.4E-07	1.6E-01	5.5E-03	2.9E-10
126	0.00	3.8E-10	5.6E-01	7.5E-04	1.0E-03	4.4E-07	1.6E-01	5.5E-03	3.8E-10
127	0.00	5.1E-10	7.6E-01	7.5E-04	1.0E-03	5.9E-07	1.6E-01	5.5E-03	5.1E-10
128	0.00	7.2E-10	1.1E+00	7.5E-04	1.0E-03	8.3E-07	1.6E-01	5.5E-03	7.2E-10
129	0.00	1.1E-09	1.6E+00	7.5E-04	1.0E-03	1.3E-06	1.6E-01	5.5E-03	1.1E-09
130	0.01	1.1E-08	1.7E+01	7.5E-04	1.0E-03	1.3E-05	1.6E-01	5.5E-03	1.1E-08
131	0.01	6.8E-09	1.0E+01	7.5E-04	1.0E-03	7.9E-06	1.6E-01	5.5E-03	6.8E-09

132	0.00	4.3E-09	6.3E+00	7.5E-04	1.0E-03	4.9E-06	1.6E-01	5.5E-03	4.3E-09
133	0.00	2.9E-09	4.2E+00	7.5E-04	1.0E-03	3.3E-06	1.6E-01	5.5E-03	2.9E-09
134	0.00	2.0E-09	2.9E+00	7.5E-04	1.0E-03	2.3E-06	1.6E-01	5.5E-03	2.0E-09
135	0.00	1.4E-09	2.1E+00	7.5E-04	1.0E-03	1.7E-06	1.6E-01	5.5E-03	1.4E-09
136	0.00	1.1E-09	1.6E+00	7.5E-04	1.0E-03	1.2E-06	1.6E-01	5.5E-03	1.1E-09
137	0.00	3.0E-10	4.5E-01	7.5E-04	1.0E-03	3.5E-07	1.6E-01	5.5E-03	3.0E-10
138	0.00	4.0E-10	5.9E-01	7.5E-04	1.0E-03	4.6E-07	1.6E-01	5.5E-03	3.9E-10
139	0.00	5.3E-10	7.9E-01	7.5E-04	1.0E-03	6.2E-07	1.6E-01	5.5E-03	5.3E-10
140	0.00	7.7E-10	1.1E+00	7.5E-04	1.0E-03	8.9E-07	1.6E-01	5.5E-03	7.7E-10
141	0.00	1.2E-09	1.8E+00	7.5E-04	1.0E-03	1.4E-06	1.6E-01	5.5E-03	1.2E-09
142	0.02	1.7E-08	2.5E+01	7.5E-04	1.0E-03	2.0E-05	1.6E-01	5.5E-03	1.7E-08
143	0.01	8.2E-09	1.2E+01	7.5E-04	1.0E-03	9.5E-06	1.6E-01	5.5E-03	8.2E-09
144	0.00	4.5E-09	6.7E+00	7.5E-04	1.0E-03	5.2E-06	1.6E-01	5.5E-03	4.5E-09
145	0.00	2.8E-09	4.2E+00	7.5E-04	1.0E-03	3.3E-06	1.6E-01	5.5E-03	2.8E-09
146	0.00	1.9E-09	2.8E+00	7.5E-04	1.0E-03	2.2E-06	1.6E-01	5.5E-03	1.9E-09
147	0.00	1.3E-09	1.9E+00	7.5E-04	1.0E-03	1.5E-06	1.6E-01	5.5E-03	1.3E-09
148	0.00	9.7E-10	1.4E+00	7.5E-04	1.0E-03	1.1E-06	1.6E-01	5.5E-03	9.7E-10
149	0.00	3.0E-10	4.5E-01	7.5E-04	1.0E-03	3.5E-07	1.6E-01	5.5E-03	3.0E-10
150	0.00	3.9E-10	5.7E-01	7.5E-04	1.0E-03	4.5E-07	1.6E-01	5.5E-03	3.8E-10
151	0.00	5.3E-10	7.8E-01	7.5E-04	1.0E-03	6.1E-07	1.6E-01	5.5E-03	5.3E-10
152	0.00	7.6E-10	1.1E+00	7.5E-04	1.0E-03	8.8E-07	1.6E-01	5.5E-03	7.5E-10
153	0.00	1.2E-09	1.7E+00	7.5E-04	1.0E-03	1.4E-06	1.6E-01	5.5E-03	1.2E-09
154	0.03	2.6E-08	3.8E+01	7.5E-04	1.0E-03	3.0E-05	1.6E-01	5.5E-03	2.6E-08
155	0.01	7.7E-09	1.1E+01	7.5E-04	1.0E-03	8.9E-06	1.6E-01	5.5E-03	7.7E-09
156	0.00	3.7E-09	5.6E+00	7.5E-04	1.0E-03	4.4E-06	1.6E-01	5.5E-03	3.7E-09
157	0.00	2.4E-09	3.6E+00	7.5E-04	1.0E-03	2.8E-06	1.6E-01	5.5E-03	2.4E-09
158	0.00	1.6E-09	2.4E+00	7.5E-04	1.0E-03	1.8E-06	1.6E-01	5.5E-03	1.6E-09
159	0.00	1.1E-09	1.7E+00	7.5E-04	1.0E-03	1.3E-06	1.6E-01	5.5E-03	1.1E-09
160	0.00	8.3E-10	1.2E+00	7.5E-04	1.0E-03	9.7E-07	1.6E-01	5.5E-03	8.3E-10
161	0.00	2.7E-10	4.0E-01	7.5E-04	1.0E-03	3.2E-07	1.6E-01	5.5E-03	2.7E-10
162	0.00	3.5E-10	5.2E-01	7.5E-04	1.0E-03	4.1E-07	1.6E-01	5.5E-03	3.5E-10
163	0.00	4.6E-10	6.9E-01	7.5E-04	1.0E-03	5.4E-07	1.6E-01	5.5E-03	4.6E-10
164	0.00	6.8E-10	1.0E+00	7.5E-04	1.0E-03	7.9E-07	1.6E-01	5.5E-03	6.8E-10
165	0.00	1.1E-09	1.6E+00	7.5E-04	1.0E-03	1.2E-06	1.6E-01	5.5E-03	1.1E-09
166	0.00	1.8E-09	2.7E+00	7.5E-04	1.0E-03	2.1E-06	1.6E-01	5.5E-03	1.8E-09
167	0.00	3.7E-09	5.5E+00	7.5E-04	1.0E-03	4.3E-06	1.6E-01	5.5E-03	3.7E-09
168	0.01	1.0E-08	1.5E+01	7.5E-04	1.0E-03	1.2E-05	1.6E-01	5.5E-03	1.0E-08
169	0.02	1.7E-08	2.5E+01	7.5E-04	1.0E-03	1.9E-05	1.6E-01	5.5E-03	1.7E-08
170	0.01	1.1E-08	1.6E+01	7.5E-04	1.0E-03	1.2E-05	1.6E-01	5.5E-03	1.1E-08
171	0.01	5.2E-09	7.8E+00	7.5E-04	1.0E-03	6.1E-06	1.6E-01	5.5E-03	5.2E-09
172	0.00	2.7E-09	4.0E+00	7.5E-04	1.0E-03	3.1E-06	1.6E-01	5.5E-03	2.7E-09
173	0.00	1.8E-09	2.6E+00	7.5E-04	1.0E-03	2.1E-06	1.6E-01	5.5E-03	1.8E-09
174	0.00	1.3E-09	1.9E+00	7.5E-04	1.0E-03	1.5E-06	1.6E-01	5.5E-03	1.3E-09
175	0.00	9.4E-10	1.4E+00	7.5E-04	1.0E-03	1.1E-06	1.6E-01	5.5E-03	9.4E-10
176	0.00	7.1E-10	1.1E+00	7.5E-04	1.0E-03	8.3E-07	1.6E-01	5.5E-03	7.1E-10
177	0.00	2.5E-10	3.8E-01	7.5E-04	1.0E-03	2.9E-07	1.6E-01	5.5E-03	2.5E-10

178	0.00	3.2E-10	4.8E-01	7.5E-04	1.0E-03	3.7E-07	1.6E-01	5.5E-03	3.2E-10
179	0.00	4.1E-10	6.1E-01	7.5E-04	1.0E-03	4.8E-07	1.6E-01	5.5E-03	4.1E-10
180	0.00	6.1E-10	9.0E-01	7.5E-04	1.0E-03	7.1E-07	1.6E-01	5.5E-03	6.1E-10
181	0.00	8.8E-10	1.3E+00	7.5E-04	1.0E-03	1.0E-06	1.6E-01	5.5E-03	8.8E-10
182	0.00	1.4E-09	2.0E+00	7.5E-04	1.0E-03	1.6E-06	1.6E-01	5.5E-03	1.4E-09
183	0.00	2.3E-09	3.4E+00	7.5E-04	1.0E-03	2.7E-06	1.6E-01	5.5E-03	2.3E-09
184	0.00	3.9E-09	5.8E+00	7.5E-04	1.0E-03	4.5E-06	1.6E-01	5.5E-03	3.9E-09
185	0.01	5.3E-09	7.8E+00	7.5E-04	1.0E-03	6.1E-06	1.6E-01	5.5E-03	5.3E-09
186	0.00	4.7E-09	6.9E+00	7.5E-04	1.0E-03	5.4E-06	1.6E-01	5.5E-03	4.7E-09
187	0.00	3.3E-09	4.8E+00	7.5E-04	1.0E-03	3.8E-06	1.6E-01	5.5E-03	3.3E-09
188	0.00	2.2E-09	3.2E+00	7.5E-04	1.0E-03	2.5E-06	1.6E-01	5.5E-03	2.2E-09
189	0.00	1.4E-09	2.0E+00	7.5E-04	1.0E-03	1.6E-06	1.6E-01	5.5E-03	1.4E-09
190	0.00	1.1E-09	1.6E+00	7.5E-04	1.0E-03	1.2E-06	1.6E-01	5.5E-03	1.1E-09
191	0.00	8.1E-10	1.2E+00	7.5E-04	1.0E-03	9.4E-07	1.6E-01	5.5E-03	8.1E-10
192	0.00	6.2E-10	9.2E-01	7.5E-04	1.0E-03	7.2E-07	1.6E-01	5.5E-03	6.2E-10
193	0.00	2.4E-10	3.5E-01	7.5E-04	1.0E-03	2.7E-07	1.6E-01	5.5E-03	2.4E-10
194	0.00	3.0E-10	4.5E-01	7.5E-04	1.0E-03	3.5E-07	1.6E-01	5.5E-03	3.0E-10
195	0.00	4.0E-10	5.9E-01	7.5E-04	1.0E-03	4.6E-07	1.6E-01	5.5E-03	4.0E-10
196	0.00	5.3E-10	7.8E-01	7.5E-04	1.0E-03	6.1E-07	1.6E-01	5.5E-03	5.2E-10
197	0.00	7.1E-10	1.1E+00	7.5E-04	1.0E-03	8.3E-07	1.6E-01	5.5E-03	7.1E-10
198	0.00	1.0E-09	1.5E+00	7.5E-04	1.0E-03	1.2E-06	1.6E-01	5.5E-03	1.0E-09
199	0.00	1.5E-09	2.2E+00	7.5E-04	1.0E-03	1.8E-06	1.6E-01	5.5E-03	1.5E-09
200	0.00	2.1E-09	3.2E+00	7.5E-04	1.0E-03	2.5E-06	1.6E-01	5.5E-03	2.1E-09
201	0.00	2.6E-09	3.9E+00	7.5E-04	1.0E-03	3.0E-06	1.6E-01	5.5E-03	2.6E-09
202	0.00	2.5E-09	3.7E+00	7.5E-04	1.0E-03	2.9E-06	1.6E-01	5.5E-03	2.5E-09
203	0.00	2.0E-09	2.9E+00	7.5E-04	1.0E-03	2.3E-06	1.6E-01	5.5E-03	2.0E-09
204	0.00	1.5E-09	2.3E+00	7.5E-04	1.0E-03	1.8E-06	1.6E-01	5.5E-03	1.5E-09
205	0.00	1.1E-09	1.7E+00	7.5E-04	1.0E-03	1.3E-06	1.6E-01	5.5E-03	1.1E-09
206	0.00	8.4E-10	1.2E+00	7.5E-04	1.0E-03	9.7E-07	1.6E-01	5.5E-03	8.4E-10
207	0.00	7.0E-10	1.0E+00	7.5E-04	1.0E-03	8.1E-07	1.6E-01	5.5E-03	7.0E-10
208	0.00	5.5E-10	8.2E-01	7.5E-04	1.0E-03	6.4E-07	1.6E-01	5.5E-03	5.5E-10
209	0.00	2.3E-10	3.4E-01	7.5E-04	1.0E-03	2.7E-07	1.6E-01	5.5E-03	2.3E-10
210	0.00	2.8E-10	4.2E-01	7.5E-04	1.0E-03	3.3E-07	1.6E-01	5.5E-03	2.8E-10
211	0.00	3.5E-10	5.2E-01	7.5E-04	1.0E-03	4.1E-07	1.6E-01	5.5E-03	3.5E-10
212	0.00	4.4E-10	6.5E-01	7.5E-04	1.0E-03	5.1E-07	1.6E-01	5.5E-03	4.4E-10
213	0.00	5.7E-10	8.5E-01	7.5E-04	1.0E-03	6.7E-07	1.6E-01	5.5E-03	5.7E-10
214	0.00	7.8E-10	1.2E+00	7.5E-04	1.0E-03	9.0E-07	1.6E-01	5.5E-03	7.8E-10
215	0.00	1.1E-09	1.6E+00	7.5E-04	1.0E-03	1.2E-06	1.6E-01	5.5E-03	1.1E-09
216	0.00	1.3E-09	2.0E+00	7.5E-04	1.0E-03	1.6E-06	1.6E-01	5.5E-03	1.3E-09
217	0.00	1.6E-09	2.3E+00	7.5E-04	1.0E-03	1.8E-06	1.6E-01	5.5E-03	1.6E-09
218	0.00	1.6E-09	2.3E+00	7.5E-04	1.0E-03	1.8E-06	1.6E-01	5.5E-03	1.6E-09
219	0.00	1.4E-09	2.1E+00	7.5E-04	1.0E-03	1.7E-06	1.6E-01	5.5E-03	1.4E-09
220	0.00	1.2E-09	1.8E+00	7.5E-04	1.0E-03	1.4E-06	1.6E-01	5.5E-03	1.2E-09
221	0.00	9.8E-10	1.4E+00	7.5E-04	1.0E-03	1.1E-06	1.6E-01	5.5E-03	9.8E-10
222	0.00	7.1E-10	1.1E+00	7.5E-04	1.0E-03	8.3E-07	1.6E-01	5.5E-03	7.1E-10
223	0.00	5.7E-10	8.4E-01	7.5E-04	1.0E-03	6.6E-07	1.6E-01	5.5E-03	5.7E-10

224	0.00	5.0E-10	7.4E-01	7.5E-04	1.0E-03	5.8E-07	1.6E-01	5.5E-03	5.0E-10
225	0.00	2.1E-10	3.1E-01	7.5E-04	1.0E-03	2.5E-07	1.6E-01	5.5E-03	2.1E-10
226	0.00	2.5E-10	3.7E-01	7.5E-04	1.0E-03	2.9E-07	1.6E-01	5.5E-03	2.5E-10
227	0.00	3.0E-10	4.5E-01	7.5E-04	1.0E-03	3.5E-07	1.6E-01	5.5E-03	3.0E-10
228	0.00	3.7E-10	5.6E-01	7.5E-04	1.0E-03	4.3E-07	1.6E-01	5.5E-03	3.7E-10
229	0.00	4.7E-10	7.0E-01	7.5E-04	1.0E-03	5.5E-07	1.6E-01	5.5E-03	4.7E-10
230	0.00	6.0E-10	9.0E-01	7.5E-04	1.0E-03	7.0E-07	1.6E-01	5.5E-03	6.0E-10
231	0.00	7.7E-10	1.1E+00	7.5E-04	1.0E-03	8.9E-07	1.6E-01	5.5E-03	7.7E-10
232	0.00	9.3E-10	1.4E+00	7.5E-04	1.0E-03	1.1E-06	1.6E-01	5.5E-03	9.3E-10
233	0.00	1.1E-09	1.6E+00	7.5E-04	1.0E-03	1.2E-06	1.6E-01	5.5E-03	1.1E-09
234	0.00	1.1E-09	1.6E+00	7.5E-04	1.0E-03	1.3E-06	1.6E-01	5.5E-03	1.1E-09
235	0.00	1.0E-09	1.5E+00	7.5E-04	1.0E-03	1.2E-06	1.6E-01	5.5E-03	1.0E-09
236	0.00	9.3E-10	1.4E+00	7.5E-04	1.0E-03	1.1E-06	1.6E-01	5.5E-03	9.3E-10
237	0.00	7.9E-10	1.2E+00	7.5E-04	1.0E-03	9.2E-07	1.6E-01	5.5E-03	7.9E-10
238	0.00	6.5E-10	9.7E-01	7.5E-04	1.0E-03	7.6E-07	1.6E-01	5.5E-03	6.5E-10
239	0.00	5.0E-10	7.4E-01	7.5E-04	1.0E-03	5.8E-07	1.6E-01	5.5E-03	5.0E-10
240	0.00	4.1E-10	6.1E-01	7.5E-04	1.0E-03	4.8E-07	1.6E-01	5.5E-03	4.1E-10
241	0.00	1.9E-10	2.8E-01	7.5E-04	1.0E-03	2.2E-07	1.6E-01	5.5E-03	1.9E-10
242	0.00	2.2E-10	3.3E-01	7.5E-04	1.0E-03	2.6E-07	1.6E-01	5.5E-03	2.2E-10
243	0.00	2.6E-10	3.9E-01	7.5E-04	1.0E-03	3.1E-07	1.6E-01	5.5E-03	2.6E-10
244	0.00	3.2E-10	4.7E-01	7.5E-04	1.0E-03	3.7E-07	1.6E-01	5.5E-03	3.1E-10
245	0.00	3.9E-10	5.7E-01	7.5E-04	1.0E-03	4.5E-07	1.6E-01	5.5E-03	3.9E-10
246	0.00	4.8E-10	7.0E-01	7.5E-04	1.0E-03	5.5E-07	1.6E-01	5.5E-03	4.7E-10
247	0.00	5.8E-10	8.6E-01	7.5E-04	1.0E-03	6.7E-07	1.6E-01	5.5E-03	5.8E-10
248	0.00	6.8E-10	1.0E+00	7.5E-04	1.0E-03	7.9E-07	1.6E-01	5.5E-03	6.8E-10
249	0.00	7.6E-10	1.1E+00	7.5E-04	1.0E-03	8.8E-07	1.6E-01	5.5E-03	7.6E-10
250	0.00	7.9E-10	1.2E+00	7.5E-04	1.0E-03	9.2E-07	1.6E-01	5.5E-03	7.9E-10
251	0.00	7.7E-10	1.1E+00	7.5E-04	1.0E-03	9.0E-07	1.6E-01	5.5E-03	7.7E-10
252	0.00	7.2E-10	1.1E+00	7.5E-04	1.0E-03	8.3E-07	1.6E-01	5.5E-03	7.2E-10
253	0.00	6.4E-10	9.5E-01	7.5E-04	1.0E-03	7.4E-07	1.6E-01	5.5E-03	6.4E-10
254	0.00	5.5E-10	8.2E-01	7.5E-04	1.0E-03	6.4E-07	1.6E-01	5.5E-03	5.5E-10
255	0.00	4.6E-10	6.9E-01	7.5E-04	1.0E-03	5.4E-07	1.6E-01	5.5E-03	4.6E-10
256	0.00	3.7E-10	5.4E-01	7.5E-04	1.0E-03	4.2E-07	1.6E-01	5.5E-03	3.7E-10
257	0.00	1.7E-10	2.5E-01	7.5E-04	1.0E-03	2.0E-07	1.6E-01	5.5E-03	1.7E-10
258	0.00	2.0E-10	2.9E-01	7.5E-04	1.0E-03	2.3E-07	1.6E-01	5.5E-03	2.0E-10
259	0.00	2.3E-10	3.4E-01	7.5E-04	1.0E-03	2.7E-07	1.6E-01	5.5E-03	2.3E-10
260	0.00	2.7E-10	4.0E-01	7.5E-04	1.0E-03	3.1E-07	1.6E-01	5.5E-03	2.7E-10
261	0.00	3.2E-10	4.8E-01	7.5E-04	1.0E-03	3.8E-07	1.6E-01	5.5E-03	3.2E-10
262	0.00	3.9E-10	5.7E-01	7.5E-04	1.0E-03	4.5E-07	1.6E-01	5.5E-03	3.9E-10
263	0.00	4.6E-10	6.8E-01	7.5E-04	1.0E-03	5.3E-07	1.6E-01	5.5E-03	4.6E-10
264	0.00	5.2E-10	7.8E-01	7.5E-04	1.0E-03	6.1E-07	1.6E-01	5.5E-03	5.2E-10
265	0.00	5.7E-10	8.5E-01	7.5E-04	1.0E-03	6.7E-07	1.6E-01	5.5E-03	5.7E-10
266	0.00	6.0E-10	8.9E-01	7.5E-04	1.0E-03	6.9E-07	1.6E-01	5.5E-03	6.0E-10
267	0.00	5.9E-10	8.8E-01	7.5E-04	1.0E-03	6.9E-07	1.6E-01	5.5E-03	5.9E-10
268	0.00	5.7E-10	8.4E-01	7.5E-04	1.0E-03	6.6E-07	1.6E-01	5.5E-03	5.7E-10
269	0.00	5.2E-10	7.7E-01	7.5E-04	1.0E-03	6.0E-07	1.6E-01	5.5E-03	5.2E-10

270	0.00	4.7E-10	6.9E-01	7.5E-04	1.0E-03	5.4E-07	1.6E-01	5.5E-03	4.6E-10
271	0.00	4.0E-10	6.0E-01	7.5E-04	1.0E-03	4.7E-07	1.6E-01	5.5E-03	4.0E-10
272	0.00	3.3E-10	4.9E-01	7.5E-04	1.0E-03	3.8E-07	1.6E-01	5.5E-03	3.3E-10
273	0.00	9.7E-10	1.4E+00	7.5E-04	1.0E-03	1.1E-06	1.6E-01	5.5E-03	9.5E-10
274	0.00	1.0E-09	1.5E+00	7.5E-04	1.0E-03	1.2E-06	1.6E-01	5.5E-03	1.0E-09
275	0.00	1.1E-09	1.6E+00	7.5E-04	1.0E-03	1.2E-06	1.6E-01	5.5E-03	1.1E-09
276	0.00	1.2E-09	1.7E+00	7.5E-04	1.0E-03	1.3E-06	1.6E-01	5.5E-03	1.1E-09
277	0.00	1.3E-09	1.8E+00	7.5E-04	1.0E-03	1.4E-06	1.6E-01	5.5E-03	1.2E-09
278	0.00	1.4E-09	1.9E+00	7.5E-04	1.0E-03	1.5E-06	1.6E-01	5.5E-03	1.3E-09
279	0.00	1.5E-09	2.0E+00	7.5E-04	1.0E-03	1.6E-06	1.6E-01	5.5E-03	1.4E-09
280	0.00	1.6E-09	2.1E+00	7.5E-04	1.0E-03	1.7E-06	1.6E-01	5.5E-03	1.4E-09
281	0.00	1.6E-09	2.3E+00	7.5E-04	1.0E-03	1.8E-06	1.6E-01	5.5E-03	1.5E-09
282	0.00	1.7E-09	2.4E+00	7.5E-04	1.0E-03	1.9E-06	1.6E-01	5.5E-03	1.6E-09
283	0.00	1.8E-09	2.6E+00	7.5E-04	1.0E-03	2.0E-06	1.6E-01	5.5E-03	1.7E-09
284	0.00	1.9E-09	2.7E+00	7.5E-04	1.0E-03	2.1E-06	1.6E-01	5.5E-03	1.8E-09
285	0.00	2.0E-09	2.8E+00	7.5E-04	1.0E-03	2.2E-06	1.6E-01	5.5E-03	1.9E-09
286	0.00	2.1E-09	3.0E+00	7.5E-04	1.0E-03	2.3E-06	1.6E-01	5.5E-03	2.0E-09
287	0.00	2.2E-09	3.1E+00	7.5E-04	1.0E-03	2.5E-06	1.6E-01	5.5E-03	2.1E-09
288	0.00	2.3E-09	3.3E+00	7.5E-04	1.0E-03	2.6E-06	1.6E-01	5.5E-03	2.2E-09
289	0.00	2.4E-09	3.5E+00	7.5E-04	1.0E-03	2.7E-06	1.6E-01	5.5E-03	2.3E-09
290	0.00	2.5E-09	3.7E+00	7.5E-04	1.0E-03	2.9E-06	1.6E-01	5.5E-03	2.5E-09
291	0.00	2.6E-09	3.8E+00	7.5E-04	1.0E-03	3.0E-06	1.6E-01	5.5E-03	2.6E-09
292	0.00	2.7E-09	3.9E+00	7.5E-04	1.0E-03	3.1E-06	1.6E-01	5.5E-03	2.6E-09
293	0.00	2.7E-09	4.0E+00	7.5E-04	1.0E-03	3.1E-06	1.6E-01	5.5E-03	2.7E-09
294	0.00	2.7E-09	4.0E+00	7.5E-04	1.0E-03	3.2E-06	1.6E-01	5.5E-03	2.7E-09
295	0.00	2.7E-09	4.1E+00	7.5E-04	1.0E-03	3.2E-06	1.6E-01	5.5E-03	2.7E-09
296	0.00	2.7E-09	4.0E+00	7.5E-04	1.0E-03	3.2E-06	1.6E-01	5.5E-03	2.7E-09
297	0.00	2.7E-09	4.0E+00	7.5E-04	1.0E-03	3.1E-06	1.6E-01	5.5E-03	2.7E-09
298	0.00	2.7E-09	4.0E+00	7.5E-04	1.0E-03	3.1E-06	1.6E-01	5.5E-03	2.7E-09
299	0.00	1.0E-09	1.5E+00	7.5E-04	1.0E-03	1.2E-06	1.6E-01	5.5E-03	1.0E-09
300	0.00	1.1E-09	1.6E+00	7.5E-04	1.0E-03	1.3E-06	1.6E-01	5.5E-03	1.1E-09
301	0.00	1.2E-09	1.7E+00	7.5E-04	1.0E-03	1.3E-06	1.6E-01	5.5E-03	1.2E-09
302	0.00	1.3E-09	1.8E+00	7.5E-04	1.0E-03	1.4E-06	1.6E-01	5.5E-03	1.2E-09
303	0.00	1.4E-09	2.0E+00	7.5E-04	1.0E-03	1.5E-06	1.6E-01	5.5E-03	1.3E-09
304	0.00	1.5E-09	2.1E+00	7.5E-04	1.0E-03	1.7E-06	1.6E-01	5.5E-03	1.4E-09
305	0.00	1.6E-09	2.2E+00	7.5E-04	1.0E-03	1.8E-06	1.6E-01	5.5E-03	1.5E-09
306	0.00	1.7E-09	2.4E+00	7.5E-04	1.0E-03	1.9E-06	1.6E-01	5.5E-03	1.6E-09
307	0.00	1.8E-09	2.5E+00	7.5E-04	1.0E-03	2.0E-06	1.6E-01	5.5E-03	1.7E-09
308	0.00	1.9E-09	2.7E+00	7.5E-04	1.0E-03	2.1E-06	1.6E-01	5.5E-03	1.8E-09
309	0.00	2.0E-09	2.9E+00	7.5E-04	1.0E-03	2.3E-06	1.6E-01	5.5E-03	1.9E-09
310	0.00	2.2E-09	3.0E+00	7.5E-04	1.0E-03	2.4E-06	1.6E-01	5.5E-03	2.0E-09
311	0.00	2.2E-09	3.2E+00	7.5E-04	1.0E-03	2.5E-06	1.6E-01	5.5E-03	2.2E-09
312	0.00	2.4E-09	3.4E+00	7.5E-04	1.0E-03	2.7E-06	1.6E-01	5.5E-03	2.3E-09
313	0.00	2.5E-09	3.6E+00	7.5E-04	1.0E-03	2.9E-06	1.6E-01	5.5E-03	2.5E-09
314	0.00	2.6E-09	3.8E+00	7.5E-04	1.0E-03	3.0E-06	1.6E-01	5.5E-03	2.6E-09
315	0.00	2.8E-09	4.0E+00	7.5E-04	1.0E-03	3.2E-06	1.6E-01	5.5E-03	2.7E-09

316	0.00	2.9E-09	4.3E+00	7.5E-04	1.0E-03	3.3E-06	1.6E-01	5.5E-03	2.9E-09
317	0.00	3.0E-09	4.4E+00	7.5E-04	1.0E-03	3.5E-06	1.6E-01	5.5E-03	3.0E-09
318	0.00	3.1E-09	4.5E+00	7.5E-04	1.0E-03	3.6E-06	1.6E-01	5.5E-03	3.1E-09
319	0.00	3.1E-09	4.6E+00	7.5E-04	1.0E-03	3.6E-06	1.6E-01	5.5E-03	3.1E-09
320	0.00	3.1E-09	4.6E+00	7.5E-04	1.0E-03	3.6E-06	1.6E-01	5.5E-03	3.1E-09
321	0.00	3.1E-09	4.6E+00	7.5E-04	1.0E-03	3.6E-06	1.6E-01	5.5E-03	3.1E-09
322	0.00	3.1E-09	4.6E+00	7.5E-04	1.0E-03	3.6E-06	1.6E-01	5.5E-03	3.1E-09
323	0.00	3.0E-09	4.5E+00	7.5E-04	1.0E-03	3.5E-06	1.6E-01	5.5E-03	3.0E-09
324	0.00	3.0E-09	4.4E+00	7.5E-04	1.0E-03	3.5E-06	1.6E-01	5.5E-03	3.0E-09
325	0.00	1.1E-09	1.6E+00	7.5E-04	1.0E-03	1.3E-06	1.6E-01	5.5E-03	1.1E-09
326	0.00	1.2E-09	1.7E+00	7.5E-04	1.0E-03	1.4E-06	1.6E-01	5.5E-03	1.2E-09
327	0.00	1.3E-09	1.9E+00	7.5E-04	1.0E-03	1.5E-06	1.6E-01	5.5E-03	1.3E-09
328	0.00	1.4E-09	2.0E+00	7.5E-04	1.0E-03	1.6E-06	1.6E-01	5.5E-03	1.3E-09
329	0.00	1.5E-09	2.2E+00	7.5E-04	1.0E-03	1.7E-06	1.6E-01	5.5E-03	1.5E-09
330	0.00	1.6E-09	2.3E+00	7.5E-04	1.0E-03	1.8E-06	1.6E-01	5.5E-03	1.6E-09
331	0.00	1.7E-09	2.5E+00	7.5E-04	1.0E-03	1.9E-06	1.6E-01	5.5E-03	1.7E-09
332	0.00	1.8E-09	2.7E+00	7.5E-04	1.0E-03	2.1E-06	1.6E-01	5.5E-03	1.8E-09
333	0.00	1.9E-09	2.9E+00	7.5E-04	1.0E-03	2.2E-06	1.6E-01	5.5E-03	1.9E-09
334	0.00	2.1E-09	3.1E+00	7.5E-04	1.0E-03	2.4E-06	1.6E-01	5.5E-03	2.1E-09
335	0.00	2.3E-09	3.3E+00	7.5E-04	1.0E-03	2.6E-06	1.6E-01	5.5E-03	2.2E-09
336	0.00	2.4E-09	3.5E+00	7.5E-04	1.0E-03	2.7E-06	1.6E-01	5.5E-03	2.4E-09
337	0.00	2.6E-09	3.7E+00	7.5E-04	1.0E-03	2.9E-06	1.6E-01	5.5E-03	2.5E-09
338	0.00	2.7E-09	4.0E+00	7.5E-04	1.0E-03	3.1E-06	1.6E-01	5.5E-03	2.7E-09
339	0.00	2.9E-09	4.3E+00	7.5E-04	1.0E-03	3.3E-06	1.6E-01	5.5E-03	2.9E-09
340	0.00	3.1E-09	4.5E+00	7.5E-04	1.0E-03	3.5E-06	1.6E-01	5.5E-03	3.0E-09
341	0.00	3.2E-09	4.8E+00	7.5E-04	1.0E-03	3.7E-06	1.6E-01	5.5E-03	3.2E-09
342	0.00	3.4E-09	5.0E+00	7.5E-04	1.0E-03	3.9E-06	1.6E-01	5.5E-03	3.4E-09
343	0.00	3.5E-09	5.2E+00	7.5E-04	1.0E-03	4.1E-06	1.6E-01	5.5E-03	3.5E-09
344	0.00	3.6E-09	5.3E+00	7.5E-04	1.0E-03	4.1E-06	1.6E-01	5.5E-03	3.6E-09
345	0.00	3.6E-09	5.3E+00	7.5E-04	1.0E-03	4.2E-06	1.6E-01	5.5E-03	3.6E-09
346	0.00	3.6E-09	5.3E+00	7.5E-04	1.0E-03	4.1E-06	1.6E-01	5.5E-03	3.6E-09
347	0.00	3.5E-09	5.2E+00	7.5E-04	1.0E-03	4.1E-06	1.6E-01	5.5E-03	3.5E-09
348	0.00	3.5E-09	5.2E+00	7.5E-04	1.0E-03	4.0E-06	1.6E-01	5.5E-03	3.5E-09
349	0.00	3.4E-09	5.0E+00	7.5E-04	1.0E-03	4.0E-06	1.6E-01	5.5E-03	3.4E-09
350	0.00	3.3E-09	4.9E+00	7.5E-04	1.0E-03	3.9E-06	1.6E-01	5.5E-03	3.3E-09
351	0.00	1.2E-09	1.7E+00	7.5E-04	1.0E-03	1.4E-06	1.6E-01	5.5E-03	1.2E-09
352	0.00	1.3E-09	1.9E+00	7.5E-04	1.0E-03	1.5E-06	1.6E-01	5.5E-03	1.3E-09
353	0.00	1.4E-09	2.0E+00	7.5E-04	1.0E-03	1.6E-06	1.6E-01	5.5E-03	1.4E-09
354	0.00	1.5E-09	2.2E+00	7.5E-04	1.0E-03	1.7E-06	1.6E-01	5.5E-03	1.5E-09
355	0.00	1.6E-09	2.4E+00	7.5E-04	1.0E-03	1.9E-06	1.6E-01	5.5E-03	1.6E-09
356	0.00	1.8E-09	2.6E+00	7.5E-04	1.0E-03	2.0E-06	1.6E-01	5.5E-03	1.7E-09
357	0.00	1.9E-09	2.8E+00	7.5E-04	1.0E-03	2.2E-06	1.6E-01	5.5E-03	1.9E-09
358	0.00	2.0E-09	3.0E+00	7.5E-04	1.0E-03	2.4E-06	1.6E-01	5.5E-03	2.0E-09
359	0.00	2.2E-09	3.3E+00	7.5E-04	1.0E-03	2.6E-06	1.6E-01	5.5E-03	2.2E-09
360	0.00	2.5E-09	3.5E+00	7.5E-04	1.0E-03	2.8E-06	1.6E-01	5.5E-03	2.4E-09
361	0.00	2.6E-09	3.8E+00	7.5E-04	1.0E-03	3.0E-06	1.6E-01	5.5E-03	2.6E-09

362	0.00	2.8E-09	4.1E+00	7.5E-04	1.0E-03	3.2E-06	1.6E-01	5.5E-03	2.8E-09
363	0.00	3.1E-09	4.4E+00	7.5E-04	1.0E-03	3.4E-06	1.6E-01	5.5E-03	3.0E-09
364	0.00	3.2E-09	4.7E+00	7.5E-04	1.0E-03	3.7E-06	1.6E-01	5.5E-03	3.2E-09
365	0.00	3.5E-09	5.1E+00	7.5E-04	1.0E-03	4.0E-06	1.6E-01	5.5E-03	3.4E-09
366	0.00	3.7E-09	5.4E+00	7.5E-04	1.0E-03	4.2E-06	1.6E-01	5.5E-03	3.6E-09
367	0.00	3.9E-09	5.7E+00	7.5E-04	1.0E-03	4.5E-06	1.6E-01	5.5E-03	3.8E-09
368	0.00	4.1E-09	6.0E+00	7.5E-04	1.0E-03	4.7E-06	1.6E-01	5.5E-03	4.0E-09
369	0.00	4.2E-09	6.1E+00	7.5E-04	1.0E-03	4.8E-06	1.6E-01	5.5E-03	4.1E-09
370	0.00	4.2E-09	6.2E+00	7.5E-04	1.0E-03	4.8E-06	1.6E-01	5.5E-03	4.2E-09
371	0.00	4.2E-09	6.2E+00	7.5E-04	1.0E-03	4.8E-06	1.6E-01	5.5E-03	4.2E-09
372	0.00	4.1E-09	6.1E+00	7.5E-04	1.0E-03	4.8E-06	1.6E-01	5.5E-03	4.1E-09
373	0.00	4.0E-09	6.0E+00	7.5E-04	1.0E-03	4.7E-06	1.6E-01	5.5E-03	4.0E-09
374	0.00	3.9E-09	5.8E+00	7.5E-04	1.0E-03	4.6E-06	1.6E-01	5.5E-03	3.9E-09
375	0.00	3.8E-09	5.7E+00	7.5E-04	1.0E-03	4.4E-06	1.6E-01	5.5E-03	3.8E-09
376	0.00	3.7E-09	5.5E+00	7.5E-04	1.0E-03	4.3E-06	1.6E-01	5.5E-03	3.7E-09
377	0.00	1.3E-09	1.9E+00	7.5E-04	1.0E-03	1.5E-06	1.6E-01	5.5E-03	1.3E-09
378	0.00	1.4E-09	2.0E+00	7.5E-04	1.0E-03	1.6E-06	1.6E-01	5.5E-03	1.4E-09
379	0.00	1.6E-09	2.2E+00	7.5E-04	1.0E-03	1.7E-06	1.6E-01	5.5E-03	1.5E-09
380	0.00	1.6E-09	2.4E+00	7.5E-04	1.0E-03	1.9E-06	1.6E-01	5.5E-03	1.6E-09
381	0.00	1.8E-09	2.6E+00	7.5E-04	1.0E-03	2.1E-06	1.6E-01	5.5E-03	1.8E-09
382	0.00	4.7E-09	7.0E+00	7.5E-04	1.0E-03	5.4E-06	1.6E-01	5.5E-03	4.7E-09
383	0.00	4.9E-09	7.2E+00	7.5E-04	1.0E-03	5.6E-06	1.6E-01	5.5E-03	4.9E-09
384	0.00	5.0E-09	7.3E+00	7.5E-04	1.0E-03	5.7E-06	1.6E-01	5.5E-03	4.9E-09
385	0.00	4.9E-09	7.3E+00	7.5E-04	1.0E-03	5.7E-06	1.6E-01	5.5E-03	4.9E-09
386	0.00	4.9E-09	7.2E+00	7.5E-04	1.0E-03	5.6E-06	1.6E-01	5.5E-03	4.8E-09
387	0.00	4.7E-09	7.0E+00	7.5E-04	1.0E-03	5.5E-06	1.6E-01	5.5E-03	4.7E-09
388	0.00	4.6E-09	6.8E+00	7.5E-04	1.0E-03	5.3E-06	1.6E-01	5.5E-03	4.6E-09
389	0.00	4.4E-09	6.6E+00	7.5E-04	1.0E-03	5.1E-06	1.6E-01	5.5E-03	4.4E-09
390	0.00	4.3E-09	6.3E+00	7.5E-04	1.0E-03	4.9E-06	1.6E-01	5.5E-03	4.3E-09
391	0.00	4.1E-09	6.1E+00	7.5E-04	1.0E-03	4.7E-06	1.6E-01	5.5E-03	4.1E-09
392	0.00	1.4E-09	2.0E+00	7.5E-04	1.0E-03	1.6E-06	1.6E-01	5.5E-03	1.3E-09
393	0.00	1.5E-09	2.2E+00	7.5E-04	1.0E-03	1.7E-06	1.6E-01	5.5E-03	1.5E-09
394	0.00	1.7E-09	2.4E+00	7.5E-04	1.0E-03	1.9E-06	1.6E-01	5.5E-03	1.6E-09
395	0.00	1.8E-09	2.6E+00	7.5E-04	1.0E-03	2.1E-06	1.6E-01	5.5E-03	1.8E-09
396	0.00	2.0E-09	2.9E+00	7.5E-04	1.0E-03	2.3E-06	1.6E-01	5.5E-03	2.0E-09
397	0.01	5.8E-09	8.6E+00	7.5E-04	1.0E-03	6.7E-06	1.6E-01	5.5E-03	5.8E-09
398	0.01	6.0E-09	8.8E+00	7.5E-04	1.0E-03	6.9E-06	1.6E-01	5.5E-03	6.0E-09
399	0.01	6.0E-09	8.8E+00	7.5E-04	1.0E-03	6.9E-06	1.6E-01	5.5E-03	6.0E-09
400	0.01	5.9E-09	8.7E+00	7.5E-04	1.0E-03	6.8E-06	1.6E-01	5.5E-03	5.8E-09
401	0.01	5.7E-09	8.4E+00	7.5E-04	1.0E-03	6.6E-06	1.6E-01	5.5E-03	5.7E-09
402	0.01	5.5E-09	8.1E+00	7.5E-04	1.0E-03	6.3E-06	1.6E-01	5.5E-03	5.5E-09
403	0.01	5.2E-09	7.7E+00	7.5E-04	1.0E-03	6.1E-06	1.6E-01	5.5E-03	5.2E-09
404	0.00	5.0E-09	7.4E+00	7.5E-04	1.0E-03	5.8E-06	1.6E-01	5.5E-03	5.0E-09
405	0.00	4.7E-09	7.0E+00	7.5E-04	1.0E-03	5.5E-06	1.6E-01	5.5E-03	4.7E-09
406	0.00	4.5E-09	6.7E+00	7.5E-04	1.0E-03	5.2E-06	1.6E-01	5.5E-03	4.5E-09
407	0.00	1.5E-09	2.1E+00	7.5E-04	1.0E-03	1.7E-06	1.6E-01	5.5E-03	1.4E-09

408	0.00	1.6E-09	2.3E+00	7.5E-04	1.0E-03	1.8E-06	1.6E-01	5.5E-03	1.6E-09
409	0.00	1.8E-09	2.6E+00	7.5E-04	1.0E-03	2.0E-06	1.6E-01	5.5E-03	1.7E-09
410	0.00	2.0E-09	2.8E+00	7.5E-04	1.0E-03	2.2E-06	1.6E-01	5.5E-03	1.9E-09
411	0.00	2.2E-09	3.2E+00	7.5E-04	1.0E-03	2.5E-06	1.6E-01	5.5E-03	2.1E-09
412	0.01	7.4E-09	1.1E+01	7.5E-04	1.0E-03	8.5E-06	1.6E-01	5.5E-03	7.3E-09
413	0.01	7.4E-09	1.1E+01	7.5E-04	1.0E-03	8.6E-06	1.6E-01	5.5E-03	7.4E-09
414	0.01	7.3E-09	1.1E+01	7.5E-04	1.0E-03	8.4E-06	1.6E-01	5.5E-03	7.2E-09
415	0.01	7.0E-09	1.0E+01	7.5E-04	1.0E-03	8.1E-06	1.6E-01	5.5E-03	7.0E-09
416	0.01	6.6E-09	9.8E+00	7.5E-04	1.0E-03	7.7E-06	1.6E-01	5.5E-03	6.6E-09
417	0.01	6.3E-09	9.3E+00	7.5E-04	1.0E-03	7.3E-06	1.6E-01	5.5E-03	6.3E-09
418	0.01	5.9E-09	8.8E+00	7.5E-04	1.0E-03	6.9E-06	1.6E-01	5.5E-03	5.9E-09
419	0.01	5.6E-09	8.3E+00	7.5E-04	1.0E-03	6.5E-06	1.6E-01	5.5E-03	5.6E-09
420	0.01	5.3E-09	7.8E+00	7.5E-04	1.0E-03	6.1E-06	1.6E-01	5.5E-03	5.2E-09
421	0.00	4.9E-09	7.3E+00	7.5E-04	1.0E-03	5.7E-06	1.6E-01	5.5E-03	4.9E-09
422	0.00	1.6E-09	2.3E+00	7.5E-04	1.0E-03	1.8E-06	1.6E-01	5.5E-03	1.5E-09
423	0.00	1.7E-09	2.5E+00	7.5E-04	1.0E-03	2.0E-06	1.6E-01	5.5E-03	1.7E-09
424	0.00	1.9E-09	2.8E+00	7.5E-04	1.0E-03	2.2E-06	1.6E-01	5.5E-03	1.9E-09
425	0.00	2.1E-09	3.1E+00	7.5E-04	1.0E-03	2.4E-06	1.6E-01	5.5E-03	2.1E-09
426	0.00	2.4E-09	3.5E+00	7.5E-04	1.0E-03	2.7E-06	1.6E-01	5.5E-03	2.3E-09
427	0.01	9.6E-09	1.4E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	5.5E-03	9.5E-09
428	0.01	9.3E-09	1.4E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	5.5E-03	9.3E-09
429	0.01	8.8E-09	1.3E+01	7.5E-04	1.0E-03	1.0E-05	1.6E-01	5.5E-03	8.8E-09
430	0.01	8.3E-09	1.2E+01	7.5E-04	1.0E-03	9.6E-06	1.6E-01	5.5E-03	8.3E-09
431	0.01	7.7E-09	1.1E+01	7.5E-04	1.0E-03	8.9E-06	1.6E-01	5.5E-03	7.7E-09
432	0.01	7.2E-09	1.1E+01	7.5E-04	1.0E-03	8.3E-06	1.6E-01	5.5E-03	7.2E-09
433	0.01	6.7E-09	9.9E+00	7.5E-04	1.0E-03	7.8E-06	1.6E-01	5.5E-03	6.7E-09
434	0.01	6.2E-09	9.2E+00	7.5E-04	1.0E-03	7.2E-06	1.6E-01	5.5E-03	6.2E-09
435	0.01	5.8E-09	8.6E+00	7.5E-04	1.0E-03	6.7E-06	1.6E-01	5.5E-03	5.8E-09
436	0.01	5.4E-09	8.0E+00	7.5E-04	1.0E-03	6.3E-06	1.6E-01	5.5E-03	5.4E-09
437	0.00	1.6E-09	2.4E+00	7.5E-04	1.0E-03	1.9E-06	1.6E-01	5.5E-03	1.6E-09
438	0.00	1.8E-09	2.7E+00	7.5E-04	1.0E-03	2.1E-06	1.6E-01	5.5E-03	1.8E-09
439	0.00	2.0E-09	3.0E+00	7.5E-04	1.0E-03	2.3E-06	1.6E-01	5.5E-03	2.0E-09
440	0.00	2.3E-09	3.3E+00	7.5E-04	1.0E-03	2.6E-06	1.6E-01	5.5E-03	2.3E-09
441	0.00	2.6E-09	3.8E+00	7.5E-04	1.0E-03	3.0E-06	1.6E-01	5.5E-03	2.6E-09
442	0.01	1.3E-08	1.9E+01	7.5E-04	1.0E-03	1.5E-05	1.6E-01	5.5E-03	1.3E-08
443	0.01	1.2E-08	1.7E+01	7.5E-04	1.0E-03	1.4E-05	1.6E-01	5.5E-03	1.2E-08
444	0.01	1.1E-08	1.6E+01	7.5E-04	1.0E-03	1.2E-05	1.6E-01	5.5E-03	1.1E-08
445	0.01	9.8E-09	1.4E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	5.5E-03	9.7E-09
446	0.01	8.9E-09	1.3E+01	7.5E-04	1.0E-03	1.0E-05	1.6E-01	5.5E-03	8.9E-09
447	0.01	8.2E-09	1.2E+01	7.5E-04	1.0E-03	9.5E-06	1.6E-01	5.5E-03	8.1E-09
448	0.01	7.5E-09	1.1E+01	7.5E-04	1.0E-03	8.7E-06	1.6E-01	5.5E-03	7.5E-09
449	0.01	6.9E-09	1.0E+01	7.5E-04	1.0E-03	8.0E-06	1.6E-01	5.5E-03	6.9E-09
450	0.01	6.3E-09	9.4E+00	7.5E-04	1.0E-03	7.4E-06	1.6E-01	5.5E-03	6.3E-09
451	0.01	5.9E-09	8.7E+00	7.5E-04	1.0E-03	6.8E-06	1.6E-01	5.5E-03	5.9E-09
452	0.00	1.7E-09	2.5E+00	7.5E-04	1.0E-03	2.0E-06	1.6E-01	5.5E-03	1.7E-09
453	0.00	1.9E-09	2.8E+00	7.5E-04	1.0E-03	2.2E-06	1.6E-01	5.5E-03	1.9E-09

454	0.00	2.2E-09	3.2E+00	7.5E-04	1.0E-03	2.5E-06	1.6E-01	5.5E-03	2.2E-09
455	0.00	2.5E-09	3.6E+00	7.5E-04	1.0E-03	2.8E-06	1.6E-01	5.5E-03	2.4E-09
456	0.00	2.9E-09	4.2E+00	7.5E-04	1.0E-03	3.3E-06	1.6E-01	5.5E-03	2.8E-09
457	0.02	1.7E-08	2.5E+01	7.5E-04	1.0E-03	1.9E-05	1.6E-01	5.5E-03	1.7E-08
458	0.01	1.5E-08	2.2E+01	7.5E-04	1.0E-03	1.7E-05	1.6E-01	5.5E-03	1.5E-08
459	0.01	1.3E-08	1.9E+01	7.5E-04	1.0E-03	1.5E-05	1.6E-01	5.5E-03	1.3E-08
460	0.01	1.1E-08	1.7E+01	7.5E-04	1.0E-03	1.3E-05	1.6E-01	5.5E-03	1.1E-08
461	0.01	1.0E-08	1.5E+01	7.5E-04	1.0E-03	1.2E-05	1.6E-01	5.5E-03	1.0E-08
462	0.01	9.2E-09	1.4E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	5.5E-03	9.2E-09
463	0.01	8.3E-09	1.2E+01	7.5E-04	1.0E-03	9.7E-06	1.6E-01	5.5E-03	8.3E-09
464	0.01	7.6E-09	1.1E+01	7.5E-04	1.0E-03	8.8E-06	1.6E-01	5.5E-03	7.6E-09
465	0.01	6.9E-09	1.0E+01	7.5E-04	1.0E-03	8.0E-06	1.6E-01	5.5E-03	6.9E-09
466	0.01	6.3E-09	9.4E+00	7.5E-04	1.0E-03	7.3E-06	1.6E-01	5.5E-03	6.3E-09
467	0.00	1.8E-09	2.7E+00	7.5E-04	1.0E-03	2.1E-06	1.6E-01	5.5E-03	1.8E-09
468	0.00	2.0E-09	3.0E+00	7.5E-04	1.0E-03	2.4E-06	1.6E-01	5.5E-03	2.0E-09
469	0.00	2.3E-09	3.4E+00	7.5E-04	1.0E-03	2.7E-06	1.6E-01	5.5E-03	2.3E-09
470	0.00	2.7E-09	3.9E+00	7.5E-04	1.0E-03	3.1E-06	1.6E-01	5.5E-03	2.6E-09
471	0.00	3.1E-09	4.6E+00	7.5E-04	1.0E-03	3.6E-06	1.6E-01	5.5E-03	3.1E-09
472	0.02	2.1E-08	3.1E+01	7.5E-04	1.0E-03	2.5E-05	1.6E-01	5.5E-03	2.1E-08
473	0.02	1.8E-08	2.6E+01	7.5E-04	1.0E-03	2.0E-05	1.6E-01	5.5E-03	1.8E-08
474	0.01	1.5E-08	2.2E+01	7.5E-04	1.0E-03	1.7E-05	1.6E-01	5.5E-03	1.5E-08
475	0.01	1.3E-08	1.9E+01	7.5E-04	1.0E-03	1.5E-05	1.6E-01	5.5E-03	1.3E-08
476	0.01	1.1E-08	1.7E+01	7.5E-04	1.0E-03	1.3E-05	1.6E-01	5.5E-03	1.1E-08
477	0.01	1.0E-08	1.5E+01	7.5E-04	1.0E-03	1.2E-05	1.6E-01	5.5E-03	1.0E-08
478	0.01	9.2E-09	1.4E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	5.5E-03	9.2E-09
479	0.01	8.3E-09	1.2E+01	7.5E-04	1.0E-03	9.6E-06	1.6E-01	5.5E-03	8.3E-09
480	0.01	7.5E-09	1.1E+01	7.5E-04	1.0E-03	8.7E-06	1.6E-01	5.5E-03	7.5E-09
481	0.01	6.8E-09	1.0E+01	7.5E-04	1.0E-03	7.9E-06	1.6E-01	5.5E-03	6.8E-09
482	0.00	1.9E-09	2.8E+00	7.5E-04	1.0E-03	2.2E-06	1.6E-01	5.5E-03	1.9E-09
483	0.00	2.2E-09	3.2E+00	7.5E-04	1.0E-03	2.5E-06	1.6E-01	5.5E-03	2.1E-09
484	0.00	2.5E-09	3.6E+00	7.5E-04	1.0E-03	2.8E-06	1.6E-01	5.5E-03	2.4E-09
485	0.00	2.9E-09	4.2E+00	7.5E-04	1.0E-03	3.3E-06	1.6E-01	5.5E-03	2.8E-09
486	0.00	3.4E-09	5.0E+00	7.5E-04	1.0E-03	3.9E-06	1.6E-01	5.5E-03	3.4E-09
487	0.03	2.5E-08	3.8E+01	7.5E-04	1.0E-03	2.9E-05	1.6E-01	5.5E-03	2.5E-08
488	0.02	2.0E-08	3.0E+01	7.5E-04	1.0E-03	2.4E-05	1.6E-01	5.5E-03	2.0E-08
489	0.02	1.7E-08	2.5E+01	7.5E-04	1.0E-03	2.0E-05	1.6E-01	5.5E-03	1.7E-08
490	0.01	1.5E-08	2.2E+01	7.5E-04	1.0E-03	1.7E-05	1.6E-01	5.5E-03	1.5E-08
491	0.01	1.3E-08	1.9E+01	7.5E-04	1.0E-03	1.5E-05	1.6E-01	5.5E-03	1.3E-08
492	0.01	1.1E-08	1.7E+01	7.5E-04	1.0E-03	1.3E-05	1.6E-01	5.5E-03	1.1E-08
493	0.01	1.0E-08	1.5E+01	7.5E-04	1.0E-03	1.2E-05	1.6E-01	5.5E-03	1.0E-08
494	0.01	9.0E-09	1.3E+01	7.5E-04	1.0E-03	1.0E-05	1.6E-01	5.5E-03	9.0E-09
495	0.01	8.1E-09	1.2E+01	7.5E-04	1.0E-03	9.4E-06	1.6E-01	5.5E-03	8.1E-09
496	0.01	7.2E-09	1.1E+01	7.5E-04	1.0E-03	8.4E-06	1.6E-01	5.5E-03	7.2E-09
497	0.00	2.0E-09	2.9E+00	7.5E-04	1.0E-03	2.3E-06	1.6E-01	5.5E-03	2.0E-09
498	0.00	2.3E-09	3.3E+00	7.5E-04	1.0E-03	2.6E-06	1.6E-01	5.5E-03	2.2E-09
499	0.00	2.6E-09	3.8E+00	7.5E-04	1.0E-03	3.0E-06	1.6E-01	5.5E-03	2.6E-09

500	0.00	3.1E-09	4.5E+00	7.5E-04	1.0E-03	3.5E-06	1.6E-01	5.5E-03	3.0E-09
501	0.00	3.6E-09	5.4E+00	7.5E-04	1.0E-03	4.2E-06	1.6E-01	5.5E-03	3.6E-09
502	0.03	2.9E-08	4.2E+01	7.5E-04	1.0E-03	3.3E-05	1.6E-01	5.5E-03	2.9E-08
503	0.02	2.3E-08	3.4E+01	7.5E-04	1.0E-03	2.7E-05	1.6E-01	5.5E-03	2.3E-08
504	0.02	1.9E-08	2.8E+01	7.5E-04	1.0E-03	2.2E-05	1.6E-01	5.5E-03	1.9E-08
505	0.02	1.6E-08	2.4E+01	7.5E-04	1.0E-03	1.9E-05	1.6E-01	5.5E-03	1.6E-08
506	0.01	1.4E-08	2.1E+01	7.5E-04	1.0E-03	1.6E-05	1.6E-01	5.5E-03	1.4E-08
507	0.01	1.2E-08	1.8E+01	7.5E-04	1.0E-03	1.4E-05	1.6E-01	5.5E-03	1.2E-08
508	0.01	1.1E-08	1.6E+01	7.5E-04	1.0E-03	1.3E-05	1.6E-01	5.5E-03	1.1E-08
509	0.01	9.6E-09	1.4E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	5.5E-03	9.6E-09
510	0.01	8.6E-09	1.3E+01	7.5E-04	1.0E-03	1.0E-05	1.6E-01	5.5E-03	8.6E-09
511	0.01	7.7E-09	1.1E+01	7.5E-04	1.0E-03	8.9E-06	1.6E-01	5.5E-03	7.6E-09
512	0.00	2.0E-09	3.0E+00	7.5E-04	1.0E-03	2.4E-06	1.6E-01	5.5E-03	2.0E-09
513	0.00	2.3E-09	3.5E+00	7.5E-04	1.0E-03	2.7E-06	1.6E-01	5.5E-03	2.3E-09
514	0.00	2.7E-09	4.0E+00	7.5E-04	1.0E-03	3.1E-06	1.6E-01	5.5E-03	2.7E-09
515	0.00	3.2E-09	4.7E+00	7.5E-04	1.0E-03	3.7E-06	1.6E-01	5.5E-03	3.2E-09
516	0.00	3.9E-09	5.7E+00	7.5E-04	1.0E-03	4.5E-06	1.6E-01	5.5E-03	3.8E-09
517	0.03	3.1E-08	4.6E+01	7.5E-04	1.0E-03	3.6E-05	1.6E-01	5.5E-03	3.1E-08
518	0.03	2.5E-08	3.7E+01	7.5E-04	1.0E-03	2.9E-05	1.6E-01	5.5E-03	2.5E-08
519	0.02	2.1E-08	3.1E+01	7.5E-04	1.0E-03	2.4E-05	1.6E-01	5.5E-03	2.1E-08
520	0.02	1.8E-08	2.6E+01	7.5E-04	1.0E-03	2.1E-05	1.6E-01	5.5E-03	1.8E-08
521	0.02	1.5E-08	2.3E+01	7.5E-04	1.0E-03	1.8E-05	1.6E-01	5.5E-03	1.5E-08
522	0.01	1.3E-08	2.0E+01	7.5E-04	1.0E-03	1.5E-05	1.6E-01	5.5E-03	1.3E-08
523	0.01	1.2E-08	1.7E+01	7.5E-04	1.0E-03	1.4E-05	1.6E-01	5.5E-03	1.2E-08
524	0.01	1.0E-08	1.5E+01	7.5E-04	1.0E-03	1.2E-05	1.6E-01	5.5E-03	1.0E-08
525	0.01	9.1E-09	1.3E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	5.5E-03	9.0E-09
526	0.01	8.0E-09	1.2E+01	7.5E-04	1.0E-03	9.3E-06	1.6E-01	5.5E-03	8.0E-09
527	0.00	2.1E-09	3.1E+00	7.5E-04	1.0E-03	2.4E-06	1.6E-01	5.5E-03	2.1E-09
528	0.00	2.4E-09	3.6E+00	7.5E-04	1.0E-03	2.8E-06	1.6E-01	5.5E-03	2.4E-09
529	0.00	2.8E-09	4.2E+00	7.5E-04	1.0E-03	3.3E-06	1.6E-01	5.5E-03	2.8E-09
530	0.00	3.4E-09	5.0E+00	7.5E-04	1.0E-03	3.9E-06	1.6E-01	5.5E-03	3.3E-09
531	0.00	4.1E-09	6.0E+00	7.5E-04	1.0E-03	4.7E-06	1.6E-01	5.5E-03	4.1E-09
532	0.03	3.4E-08	5.0E+01	7.5E-04	1.0E-03	3.9E-05	1.6E-01	5.5E-03	3.4E-08
533	0.03	2.8E-08	4.1E+01	7.5E-04	1.0E-03	3.2E-05	1.6E-01	5.5E-03	2.8E-08
534	0.02	2.3E-08	3.4E+01	7.5E-04	1.0E-03	2.6E-05	1.6E-01	5.5E-03	2.3E-08
535	0.02	1.9E-08	2.8E+01	7.5E-04	1.0E-03	2.2E-05	1.6E-01	5.5E-03	1.9E-08
536	0.02	1.6E-08	2.4E+01	7.5E-04	1.0E-03	1.9E-05	1.6E-01	5.5E-03	1.6E-08
537	0.01	1.4E-08	2.1E+01	7.5E-04	1.0E-03	1.6E-05	1.6E-01	5.5E-03	1.4E-08
538	0.01	1.2E-08	1.8E+01	7.5E-04	1.0E-03	1.4E-05	1.6E-01	5.5E-03	1.2E-08
539	0.01	1.1E-08	1.6E+01	7.5E-04	1.0E-03	1.3E-05	1.6E-01	5.5E-03	1.1E-08
540	0.01	9.4E-09	1.4E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	5.5E-03	9.4E-09
541	0.01	8.2E-09	1.2E+01	7.5E-04	1.0E-03	9.5E-06	1.6E-01	5.5E-03	8.2E-09
542	0.00	2.2E-09	3.2E+00	7.5E-04	1.0E-03	2.5E-06	1.6E-01	5.5E-03	2.1E-09
543	0.00	2.5E-09	3.7E+00	7.5E-04	1.0E-03	2.9E-06	1.6E-01	5.5E-03	2.5E-09
544	0.00	2.9E-09	4.3E+00	7.5E-04	1.0E-03	3.4E-06	1.6E-01	5.5E-03	2.9E-09
545	0.00	3.5E-09	5.1E+00	7.5E-04	1.0E-03	4.0E-06	1.6E-01	5.5E-03	3.5E-09

546	0.00	4.2E-09	6.3E+00	7.5E-04	1.0E-03	4.9E-06	1.6E-01	5.5E-03	4.2E-09
547	0.04	3.8E-08	5.6E+01	7.5E-04	1.0E-03	4.4E-05	1.6E-01	5.5E-03	3.8E-08
548	0.03	3.0E-08	4.5E+01	7.5E-04	1.0E-03	3.5E-05	1.6E-01	5.5E-03	3.0E-08
549	0.02	2.5E-08	3.7E+01	7.5E-04	1.0E-03	2.9E-05	1.6E-01	5.5E-03	2.5E-08
550	0.02	2.1E-08	3.1E+01	7.5E-04	1.0E-03	2.4E-05	1.6E-01	5.5E-03	2.1E-08
551	0.02	1.7E-08	2.5E+01	7.5E-04	1.0E-03	2.0E-05	1.6E-01	5.5E-03	1.7E-08
552	0.01	1.4E-08	2.1E+01	7.5E-04	1.0E-03	1.7E-05	1.6E-01	5.5E-03	1.4E-08
553	0.01	1.2E-08	1.9E+01	7.5E-04	1.0E-03	1.4E-05	1.6E-01	5.5E-03	1.2E-08
554	0.01	1.1E-08	1.6E+01	7.5E-04	1.0E-03	1.3E-05	1.6E-01	5.5E-03	1.1E-08
555	0.01	9.4E-09	1.4E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	5.5E-03	9.4E-09
556	0.01	8.2E-09	1.2E+01	7.5E-04	1.0E-03	9.5E-06	1.6E-01	5.5E-03	8.2E-09
557	0.00	2.2E-09	3.2E+00	7.5E-04	1.0E-03	2.5E-06	1.6E-01	5.5E-03	2.2E-09
558	0.00	2.5E-09	3.7E+00	7.5E-04	1.0E-03	2.9E-06	1.6E-01	5.5E-03	2.5E-09
559	0.00	3.0E-09	4.4E+00	7.5E-04	1.0E-03	3.4E-06	1.6E-01	5.5E-03	3.0E-09
560	0.00	3.6E-09	5.3E+00	7.5E-04	1.0E-03	4.1E-06	1.6E-01	5.5E-03	3.6E-09
561	0.00	4.3E-09	6.4E+00	7.5E-04	1.0E-03	5.0E-06	1.6E-01	5.5E-03	4.3E-09
562	0.03	3.4E-08	5.1E+01	7.5E-04	1.0E-03	4.0E-05	1.6E-01	5.5E-03	3.4E-08
563	0.03	2.8E-08	4.1E+01	7.5E-04	1.0E-03	3.2E-05	1.6E-01	5.5E-03	2.8E-08
564	0.02	2.2E-08	3.3E+01	7.5E-04	1.0E-03	2.6E-05	1.6E-01	5.5E-03	2.2E-08
565	0.02	1.7E-08	2.5E+01	7.5E-04	1.0E-03	2.0E-05	1.6E-01	5.5E-03	1.7E-08
566	0.01	1.4E-08	2.1E+01	7.5E-04	1.0E-03	1.7E-05	1.6E-01	5.5E-03	1.4E-08
567	0.01	1.2E-08	1.8E+01	7.5E-04	1.0E-03	1.4E-05	1.6E-01	5.5E-03	1.2E-08
568	0.01	1.0E-08	1.5E+01	7.5E-04	1.0E-03	1.2E-05	1.6E-01	5.5E-03	1.0E-08
569	0.01	9.0E-09	1.3E+01	7.5E-04	1.0E-03	1.0E-05	1.6E-01	5.5E-03	9.0E-09
570	0.01	7.9E-09	1.2E+01	7.5E-04	1.0E-03	9.2E-06	1.6E-01	5.5E-03	7.9E-09
571	0.00	2.2E-09	3.3E+00	7.5E-04	1.0E-03	2.5E-06	1.6E-01	5.5E-03	2.2E-09
572	0.00	2.6E-09	3.8E+00	7.5E-04	1.0E-03	3.0E-06	1.6E-01	5.5E-03	2.5E-09
573	0.00	3.0E-09	4.4E+00	7.5E-04	1.0E-03	3.5E-06	1.6E-01	5.5E-03	3.0E-09
574	0.00	3.6E-09	5.4E+00	7.5E-04	1.0E-03	4.2E-06	1.6E-01	5.5E-03	3.6E-09
575	0.00	4.4E-09	6.5E+00	7.5E-04	1.0E-03	5.1E-06	1.6E-01	5.5E-03	4.4E-09
576	0.03	3.2E-08	4.7E+01	7.5E-04	1.0E-03	3.7E-05	1.6E-01	5.5E-03	3.2E-08
577	0.03	2.5E-08	3.8E+01	7.5E-04	1.0E-03	2.9E-05	1.6E-01	5.5E-03	2.5E-08
578	0.02	2.0E-08	2.9E+01	7.5E-04	1.0E-03	2.3E-05	1.6E-01	5.5E-03	2.0E-08
579	0.02	1.6E-08	2.4E+01	7.5E-04	1.0E-03	1.9E-05	1.6E-01	5.5E-03	1.6E-08
580	0.01	1.3E-08	2.0E+01	7.5E-04	1.0E-03	1.5E-05	1.6E-01	5.5E-03	1.3E-08
581	0.01	1.1E-08	1.6E+01	7.5E-04	1.0E-03	1.3E-05	1.6E-01	5.5E-03	1.1E-08
582	0.01	9.1E-09	1.3E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	5.5E-03	9.1E-09
583	0.01	7.7E-09	1.1E+01	7.5E-04	1.0E-03	8.9E-06	1.6E-01	5.5E-03	7.7E-09
584	0.00	2.2E-09	3.3E+00	7.5E-04	1.0E-03	2.5E-06	1.6E-01	5.5E-03	2.2E-09
585	0.00	2.6E-09	3.8E+00	7.5E-04	1.0E-03	3.0E-06	1.6E-01	5.5E-03	2.6E-09
586	0.00	3.0E-09	4.5E+00	7.5E-04	1.0E-03	3.5E-06	1.6E-01	5.5E-03	3.0E-09
587	0.00	3.6E-09	5.4E+00	7.5E-04	1.0E-03	4.2E-06	1.6E-01	5.5E-03	3.6E-09
588	0.00	4.4E-09	6.5E+00	7.5E-04	1.0E-03	5.1E-06	1.6E-01	5.5E-03	4.4E-09
589	0.03	3.0E-08	4.4E+01	7.5E-04	1.0E-03	3.5E-05	1.6E-01	5.5E-03	3.0E-08
590	0.02	2.4E-08	3.5E+01	7.5E-04	1.0E-03	2.8E-05	1.6E-01	5.5E-03	2.4E-08
591	0.02	1.9E-08	2.8E+01	7.5E-04	1.0E-03	2.2E-05	1.6E-01	5.5E-03	1.9E-08

592	0.01	1.5E-08	2.2E+01	7.5E-04	1.0E-03	1.7E-05	1.6E-01	5.5E-03	1.5E-08
593	0.01	1.2E-08	1.8E+01	7.5E-04	1.0E-03	1.4E-05	1.6E-01	5.5E-03	1.2E-08
594	0.01	9.7E-09	1.4E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	5.5E-03	9.7E-09
595	0.01	7.9E-09	1.2E+01	7.5E-04	1.0E-03	9.2E-06	1.6E-01	5.5E-03	7.9E-09
596	0.00	2.2E-09	3.2E+00	7.5E-04	1.0E-03	2.5E-06	1.6E-01	5.5E-03	2.2E-09
597	0.00	2.5E-09	3.8E+00	7.5E-04	1.0E-03	2.9E-06	1.6E-01	5.5E-03	2.5E-09
598	0.00	3.0E-09	4.4E+00	7.5E-04	1.0E-03	3.5E-06	1.6E-01	5.5E-03	3.0E-09
599	0.00	3.6E-09	5.3E+00	7.5E-04	1.0E-03	4.1E-06	1.6E-01	5.5E-03	3.6E-09
600	0.00	4.3E-09	6.4E+00	7.5E-04	1.0E-03	5.0E-06	1.6E-01	5.5E-03	4.3E-09
601	0.03	2.5E-08	3.8E+01	7.5E-04	1.0E-03	2.9E-05	1.6E-01	5.5E-03	2.5E-08
602	0.02	1.9E-08	2.9E+01	7.5E-04	1.0E-03	2.3E-05	1.6E-01	5.5E-03	1.9E-08
603	0.02	1.5E-08	2.2E+01	7.5E-04	1.0E-03	1.7E-05	1.6E-01	5.5E-03	1.5E-08
604	0.01	1.2E-08	1.8E+01	7.5E-04	1.0E-03	1.4E-05	1.6E-01	5.5E-03	1.2E-08
605	0.01	9.8E-09	1.5E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	5.5E-03	9.8E-09
606	0.01	8.0E-09	1.2E+01	7.5E-04	1.0E-03	9.3E-06	1.6E-01	5.5E-03	8.0E-09
607	0.00	2.1E-09	3.2E+00	7.5E-04	1.0E-03	2.5E-06	1.6E-01	5.5E-03	2.1E-09
608	0.00	2.5E-09	3.7E+00	7.5E-04	1.0E-03	2.9E-06	1.6E-01	5.5E-03	2.5E-09
609	0.00	2.9E-09	4.3E+00	7.5E-04	1.0E-03	3.4E-06	1.6E-01	5.5E-03	2.9E-09
610	0.00	3.5E-09	5.2E+00	7.5E-04	1.0E-03	4.0E-06	1.6E-01	5.5E-03	3.5E-09
611	0.00	4.2E-09	6.2E+00	7.5E-04	1.0E-03	4.9E-06	1.6E-01	5.5E-03	4.2E-09
612	0.03	2.6E-08	3.8E+01	7.5E-04	1.0E-03	3.0E-05	1.6E-01	5.5E-03	2.6E-08
613	0.02	1.9E-08	2.8E+01	7.5E-04	1.0E-03	2.2E-05	1.6E-01	5.5E-03	1.9E-08
614	0.01	1.5E-08	2.2E+01	7.5E-04	1.0E-03	1.7E-05	1.6E-01	5.5E-03	1.5E-08
615	0.01	1.2E-08	1.7E+01	7.5E-04	1.0E-03	1.4E-05	1.6E-01	5.5E-03	1.2E-08
616	0.01	9.4E-09	1.4E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	5.5E-03	9.4E-09
617	0.01	7.7E-09	1.1E+01	7.5E-04	1.0E-03	8.9E-06	1.6E-01	5.5E-03	7.7E-09
618	0.00	2.1E-09	3.1E+00	7.5E-04	1.0E-03	2.4E-06	1.6E-01	5.5E-03	2.1E-09
619	0.00	2.4E-09	3.6E+00	7.5E-04	1.0E-03	2.8E-06	1.6E-01	5.5E-03	2.4E-09
620	0.00	2.8E-09	4.2E+00	7.5E-04	1.0E-03	3.3E-06	1.6E-01	5.5E-03	2.8E-09
621	0.00	3.4E-09	5.0E+00	7.5E-04	1.0E-03	3.9E-06	1.6E-01	5.5E-03	3.3E-09
622	0.00	4.0E-09	6.0E+00	7.5E-04	1.0E-03	4.7E-06	1.6E-01	5.5E-03	4.0E-09
623	0.02	2.4E-08	3.6E+01	7.5E-04	1.0E-03	2.8E-05	1.6E-01	5.5E-03	2.4E-08
624	0.02	1.8E-08	2.6E+01	7.5E-04	1.0E-03	2.1E-05	1.6E-01	5.5E-03	1.8E-08
625	0.01	1.4E-08	2.0E+01	7.5E-04	1.0E-03	1.6E-05	1.6E-01	5.5E-03	1.4E-08
626	0.01	1.1E-08	1.6E+01	7.5E-04	1.0E-03	1.3E-05	1.6E-01	5.5E-03	1.1E-08
627	0.01	8.9E-09	1.3E+01	7.5E-04	1.0E-03	1.0E-05	1.6E-01	5.5E-03	8.9E-09
628	0.01	7.3E-09	1.1E+01	7.5E-04	1.0E-03	8.5E-06	1.6E-01	5.5E-03	7.3E-09
629	0.00	2.0E-09	3.0E+00	7.5E-04	1.0E-03	2.4E-06	1.6E-01	5.5E-03	2.0E-09
630	0.00	2.3E-09	3.5E+00	7.5E-04	1.0E-03	2.7E-06	1.6E-01	5.5E-03	2.3E-09
631	0.00	2.7E-09	4.0E+00	7.5E-04	1.0E-03	3.2E-06	1.6E-01	5.5E-03	2.7E-09
632	0.00	3.2E-09	4.7E+00	7.5E-04	1.0E-03	3.7E-06	1.6E-01	5.5E-03	3.2E-09
633	0.00	3.8E-09	5.7E+00	7.5E-04	1.0E-03	4.5E-06	1.6E-01	5.5E-03	3.8E-09
634	0.02	2.1E-08	3.1E+01	7.5E-04	1.0E-03	2.4E-05	1.6E-01	5.5E-03	2.1E-08
635	0.02	1.6E-08	2.3E+01	7.5E-04	1.0E-03	1.8E-05	1.6E-01	5.5E-03	1.6E-08
636	0.01	1.2E-08	1.8E+01	7.5E-04	1.0E-03	1.4E-05	1.6E-01	5.5E-03	1.2E-08
637	0.01	9.9E-09	1.5E+01	7.5E-04	1.0E-03	1.2E-05	1.6E-01	5.5E-03	9.9E-09

638	0.01	8.2E-09	1.2E+01	7.5E-04	1.0E-03	9.5E-06	1.6E-01	5.5E-03	8.2E-09
639	0.01	6.9E-09	1.0E+01	7.5E-04	1.0E-03	8.0E-06	1.6E-01	5.5E-03	6.9E-09
640	0.00	2.0E-09	2.9E+00	7.5E-04	1.0E-03	2.3E-06	1.6E-01	5.5E-03	2.0E-09
641	0.00	2.2E-09	3.3E+00	7.5E-04	1.0E-03	2.6E-06	1.6E-01	5.5E-03	2.2E-09
642	0.00	2.6E-09	3.9E+00	7.5E-04	1.0E-03	3.0E-06	1.6E-01	5.5E-03	2.6E-09
643	0.00	3.1E-09	4.5E+00	7.5E-04	1.0E-03	3.5E-06	1.6E-01	5.5E-03	3.0E-09
644	0.00	3.6E-09	5.4E+00	7.5E-04	1.0E-03	4.2E-06	1.6E-01	5.5E-03	3.6E-09
645	0.02	1.7E-08	2.5E+01	7.5E-04	1.0E-03	2.0E-05	1.6E-01	5.5E-03	1.7E-08
646	0.01	1.3E-08	2.0E+01	7.5E-04	1.0E-03	1.5E-05	1.6E-01	5.5E-03	1.3E-08
647	0.01	1.1E-08	1.6E+01	7.5E-04	1.0E-03	1.2E-05	1.6E-01	5.5E-03	1.1E-08
648	0.01	8.9E-09	1.3E+01	7.5E-04	1.0E-03	1.0E-05	1.6E-01	5.5E-03	8.9E-09
649	0.01	7.5E-09	1.1E+01	7.5E-04	1.0E-03	8.7E-06	1.6E-01	5.5E-03	7.4E-09
650	0.01	6.3E-09	9.4E+00	7.5E-04	1.0E-03	7.4E-06	1.6E-01	5.5E-03	6.3E-09
651	0.00	1.9E-09	2.8E+00	7.5E-04	1.0E-03	2.2E-06	1.6E-01	5.5E-03	1.9E-09
652	0.00	2.2E-09	3.2E+00	7.5E-04	1.0E-03	2.5E-06	1.6E-01	5.5E-03	2.2E-09
653	0.00	2.5E-09	3.7E+00	7.5E-04	1.0E-03	2.9E-06	1.6E-01	5.5E-03	2.5E-09
654	0.00	2.9E-09	4.3E+00	7.5E-04	1.0E-03	3.4E-06	1.6E-01	5.5E-03	2.9E-09
655	0.00	3.4E-09	5.1E+00	7.5E-04	1.0E-03	4.0E-06	1.6E-01	5.5E-03	3.4E-09
656	0.00	4.1E-09	6.0E+00	7.5E-04	1.0E-03	4.7E-06	1.6E-01	5.5E-03	4.1E-09
657	0.00	4.9E-09	7.3E+00	7.5E-04	1.0E-03	5.7E-06	1.6E-01	5.5E-03	4.9E-09
658	0.01	6.1E-09	9.1E+00	7.5E-04	1.0E-03	7.1E-06	1.6E-01	5.5E-03	6.1E-09
659	0.01	7.8E-09	1.2E+01	7.5E-04	1.0E-03	9.0E-06	1.6E-01	5.5E-03	7.8E-09
660	0.01	1.0E-08	1.5E+01	7.5E-04	1.0E-03	1.2E-05	1.6E-01	5.5E-03	1.0E-08
661	0.01	1.3E-08	1.9E+01	7.5E-04	1.0E-03	1.5E-05	1.6E-01	5.5E-03	1.3E-08
662	0.02	1.6E-08	2.4E+01	7.5E-04	1.0E-03	1.9E-05	1.6E-01	5.5E-03	1.6E-08
663	0.02	1.9E-08	2.9E+01	7.5E-04	1.0E-03	2.3E-05	1.6E-01	5.5E-03	1.9E-08
664	0.02	2.2E-08	3.2E+01	7.5E-04	1.0E-03	2.5E-05	1.6E-01	5.5E-03	2.2E-08
665	0.02	2.3E-08	3.4E+01	7.5E-04	1.0E-03	2.7E-05	1.6E-01	5.5E-03	2.3E-08
666	0.02	2.3E-08	3.5E+01	7.5E-04	1.0E-03	2.7E-05	1.6E-01	5.5E-03	2.3E-08
667	0.02	2.3E-08	3.4E+01	7.5E-04	1.0E-03	2.7E-05	1.6E-01	5.5E-03	2.3E-08
668	0.02	2.2E-08	3.2E+01	7.5E-04	1.0E-03	2.5E-05	1.6E-01	5.5E-03	2.2E-08
669	0.02	1.9E-08	2.9E+01	7.5E-04	1.0E-03	2.2E-05	1.6E-01	5.5E-03	1.9E-08
670	0.02	1.6E-08	2.4E+01	7.5E-04	1.0E-03	1.9E-05	1.6E-01	5.5E-03	1.6E-08
671	0.01	1.3E-08	2.0E+01	7.5E-04	1.0E-03	1.5E-05	1.6E-01	5.5E-03	1.3E-08
672	0.01	1.1E-08	1.6E+01	7.5E-04	1.0E-03	1.3E-05	1.6E-01	5.5E-03	1.1E-08
673	0.01	9.2E-09	1.4E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	5.5E-03	9.2E-09
674	0.01	7.8E-09	1.2E+01	7.5E-04	1.0E-03	9.1E-06	1.6E-01	5.5E-03	7.8E-09
675	0.01	6.7E-09	9.9E+00	7.5E-04	1.0E-03	7.8E-06	1.6E-01	5.5E-03	6.7E-09
676	0.01	5.8E-09	8.6E+00	7.5E-04	1.0E-03	6.7E-06	1.6E-01	5.5E-03	5.8E-09
677	0.00	1.8E-09	2.7E+00	7.5E-04	1.0E-03	2.1E-06	1.6E-01	5.5E-03	1.8E-09
678	0.00	2.0E-09	3.0E+00	7.5E-04	1.0E-03	2.4E-06	1.6E-01	5.5E-03	2.0E-09
679	0.00	2.3E-09	3.5E+00	7.5E-04	1.0E-03	2.7E-06	1.6E-01	5.5E-03	2.3E-09
680	0.00	2.7E-09	4.0E+00	7.5E-04	1.0E-03	3.1E-06	1.6E-01	5.5E-03	2.7E-09
681	0.00	3.1E-09	4.7E+00	7.5E-04	1.0E-03	3.6E-06	1.6E-01	5.5E-03	3.1E-09
682	0.00	3.7E-09	5.5E+00	7.5E-04	1.0E-03	4.3E-06	1.6E-01	5.5E-03	3.7E-09
683	0.00	4.4E-09	6.5E+00	7.5E-04	1.0E-03	5.1E-06	1.6E-01	5.5E-03	4.4E-09

684	0.01	5.4E-09	8.0E+00	7.5E-04	1.0E-03	6.2E-06	1.6E-01	5.5E-03	5.4E-09
685	0.01	6.6E-09	9.8E+00	7.5E-04	1.0E-03	7.7E-06	1.6E-01	5.5E-03	6.6E-09
686	0.01	8.2E-09	1.2E+01	7.5E-04	1.0E-03	9.5E-06	1.6E-01	5.5E-03	8.2E-09
687	0.01	1.0E-08	1.5E+01	7.5E-04	1.0E-03	1.2E-05	1.6E-01	5.5E-03	1.0E-08
688	0.01	1.2E-08	1.8E+01	7.5E-04	1.0E-03	1.4E-05	1.6E-01	5.5E-03	1.2E-08
689	0.01	1.4E-08	2.1E+01	7.5E-04	1.0E-03	1.6E-05	1.6E-01	5.5E-03	1.4E-08
690	0.02	1.5E-08	2.3E+01	7.5E-04	1.0E-03	1.8E-05	1.6E-01	5.5E-03	1.5E-08
691	0.02	1.6E-08	2.4E+01	7.5E-04	1.0E-03	1.9E-05	1.6E-01	5.5E-03	1.6E-08
692	0.02	1.7E-08	2.5E+01	7.5E-04	1.0E-03	1.9E-05	1.6E-01	5.5E-03	1.7E-08
693	0.02	1.6E-08	2.4E+01	7.5E-04	1.0E-03	1.9E-05	1.6E-01	5.5E-03	1.6E-08
694	0.02	1.5E-08	2.3E+01	7.5E-04	1.0E-03	1.8E-05	1.6E-01	5.5E-03	1.5E-08
695	0.01	1.4E-08	2.1E+01	7.5E-04	1.0E-03	1.6E-05	1.6E-01	5.5E-03	1.4E-08
696	0.01	1.2E-08	1.9E+01	7.5E-04	1.0E-03	1.4E-05	1.6E-01	5.5E-03	1.2E-08
697	0.01	1.1E-08	1.6E+01	7.5E-04	1.0E-03	1.2E-05	1.6E-01	5.5E-03	1.1E-08
698	0.01	9.3E-09	1.4E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	5.5E-03	9.3E-09
699	0.01	8.0E-09	1.2E+01	7.5E-04	1.0E-03	9.2E-06	1.6E-01	5.5E-03	8.0E-09
700	0.01	6.9E-09	1.0E+01	7.5E-04	1.0E-03	8.0E-06	1.6E-01	5.5E-03	6.9E-09
701	0.01	6.0E-09	8.9E+00	7.5E-04	1.0E-03	6.9E-06	1.6E-01	5.5E-03	6.0E-09
702	0.01	5.2E-09	7.8E+00	7.5E-04	1.0E-03	6.1E-06	1.6E-01	5.5E-03	5.2E-09
703	0.00	1.7E-09	2.5E+00	7.5E-04	1.0E-03	2.0E-06	1.6E-01	5.5E-03	1.7E-09
704	0.00	1.9E-09	2.9E+00	7.5E-04	1.0E-03	2.2E-06	1.6E-01	5.5E-03	1.9E-09
705	0.00	2.2E-09	3.2E+00	7.5E-04	1.0E-03	2.5E-06	1.6E-01	5.5E-03	2.2E-09
706	0.00	2.5E-09	3.7E+00	7.5E-04	1.0E-03	2.9E-06	1.6E-01	5.5E-03	2.5E-09
707	0.00	2.9E-09	4.3E+00	7.5E-04	1.0E-03	3.3E-06	1.6E-01	5.5E-03	2.9E-09
708	0.00	3.4E-09	5.0E+00	7.5E-04	1.0E-03	3.9E-06	1.6E-01	5.5E-03	3.4E-09
709	0.00	4.0E-09	5.9E+00	7.5E-04	1.0E-03	4.6E-06	1.6E-01	5.5E-03	4.0E-09
710	0.00	4.8E-09	7.1E+00	7.5E-04	1.0E-03	5.5E-06	1.6E-01	5.5E-03	4.8E-09
711	0.01	5.7E-09	8.4E+00	7.5E-04	1.0E-03	6.6E-06	1.6E-01	5.5E-03	5.7E-09
712	0.01	6.8E-09	1.0E+01	7.5E-04	1.0E-03	7.9E-06	1.6E-01	5.5E-03	6.8E-09
713	0.01	8.0E-09	1.2E+01	7.5E-04	1.0E-03	9.3E-06	1.6E-01	5.5E-03	8.0E-09
714	0.01	9.3E-09	1.4E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	5.5E-03	9.3E-09
715	0.01	1.1E-08	1.6E+01	7.5E-04	1.0E-03	1.2E-05	1.6E-01	5.5E-03	1.0E-08
716	0.01	1.1E-08	1.7E+01	7.5E-04	1.0E-03	1.3E-05	1.6E-01	5.5E-03	1.1E-08
717	0.01	1.2E-08	1.8E+01	7.5E-04	1.0E-03	1.4E-05	1.6E-01	5.5E-03	1.2E-08
718	0.01	1.2E-08	1.8E+01	7.5E-04	1.0E-03	1.4E-05	1.6E-01	5.5E-03	1.2E-08
719	0.01	1.2E-08	1.8E+01	7.5E-04	1.0E-03	1.4E-05	1.6E-01	5.5E-03	1.2E-08
720	0.01	1.2E-08	1.7E+01	7.5E-04	1.0E-03	1.4E-05	1.6E-01	5.5E-03	1.2E-08
721	0.01	1.1E-08	1.6E+01	7.5E-04	1.0E-03	1.3E-05	1.6E-01	5.5E-03	1.1E-08
722	0.01	9.9E-09	1.5E+01	7.5E-04	1.0E-03	1.2E-05	1.6E-01	5.5E-03	9.9E-09
723	0.01	8.8E-09	1.3E+01	7.5E-04	1.0E-03	1.0E-05	1.6E-01	5.5E-03	8.8E-09
724	0.01	7.8E-09	1.2E+01	7.5E-04	1.0E-03	9.1E-06	1.6E-01	5.5E-03	7.8E-09
725	0.01	6.9E-09	1.0E+01	7.5E-04	1.0E-03	8.0E-06	1.6E-01	5.5E-03	6.9E-09
726	0.01	6.1E-09	9.0E+00	7.5E-04	1.0E-03	7.0E-06	1.6E-01	5.5E-03	6.1E-09
727	0.01	5.3E-09	7.9E+00	7.5E-04	1.0E-03	6.2E-06	1.6E-01	5.5E-03	5.3E-09
728	0.00	4.7E-09	7.0E+00	7.5E-04	1.0E-03	5.5E-06	1.6E-01	5.5E-03	4.7E-09
729	0.00	1.6E-09	2.4E+00	7.5E-04	1.0E-03	1.9E-06	1.6E-01	5.5E-03	1.6E-09

730	0.00	1.8E-09	2.7E+00	7.5E-04	1.0E-03	2.1E-06	1.6E-01	5.5E-03	1.8E-09
731	0.00	2.0E-09	3.0E+00	7.5E-04	1.0E-03	2.4E-06	1.6E-01	5.5E-03	2.0E-09
732	0.00	2.3E-09	3.5E+00	7.5E-04	1.0E-03	2.7E-06	1.6E-01	5.5E-03	2.3E-09
733	0.00	2.7E-09	3.9E+00	7.5E-04	1.0E-03	3.1E-06	1.6E-01	5.5E-03	2.7E-09
734	0.00	3.1E-09	4.6E+00	7.5E-04	1.0E-03	3.6E-06	1.6E-01	5.5E-03	3.1E-09
735	0.00	3.6E-09	5.3E+00	7.5E-04	1.0E-03	4.1E-06	1.6E-01	5.5E-03	3.6E-09
736	0.00	4.2E-09	6.2E+00	7.5E-04	1.0E-03	4.9E-06	1.6E-01	5.5E-03	4.2E-09
737	0.00	4.8E-09	7.2E+00	7.5E-04	1.0E-03	5.6E-06	1.6E-01	5.5E-03	4.8E-09
738	0.01	5.7E-09	8.4E+00	7.5E-04	1.0E-03	6.6E-06	1.6E-01	5.5E-03	5.7E-09
739	0.01	6.5E-09	9.6E+00	7.5E-04	1.0E-03	7.5E-06	1.6E-01	5.5E-03	6.5E-09
740	0.01	7.4E-09	1.1E+01	7.5E-04	1.0E-03	8.6E-06	1.6E-01	5.5E-03	7.4E-09
741	0.01	8.2E-09	1.2E+01	7.5E-04	1.0E-03	9.5E-06	1.6E-01	5.5E-03	8.2E-09
742	0.01	8.8E-09	1.3E+01	7.5E-04	1.0E-03	1.0E-05	1.6E-01	5.5E-03	8.8E-09
743	0.01	9.3E-09	1.4E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	5.5E-03	9.3E-09
744	0.01	9.5E-09	1.4E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	5.5E-03	9.5E-09
745	0.01	9.5E-09	1.4E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	5.5E-03	9.5E-09
746	0.01	9.3E-09	1.4E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	5.5E-03	9.3E-09
747	0.01	8.8E-09	1.3E+01	7.5E-04	1.0E-03	1.0E-05	1.6E-01	5.5E-03	8.8E-09
748	0.01	8.1E-09	1.2E+01	7.5E-04	1.0E-03	9.4E-06	1.6E-01	5.5E-03	8.1E-09
749	0.01	7.4E-09	1.1E+01	7.5E-04	1.0E-03	8.6E-06	1.6E-01	5.5E-03	7.4E-09
750	0.01	6.7E-09	9.9E+00	7.5E-04	1.0E-03	7.7E-06	1.6E-01	5.5E-03	6.7E-09
751	0.01	6.0E-09	8.9E+00	7.5E-04	1.0E-03	6.9E-06	1.6E-01	5.5E-03	6.0E-09
752	0.01	5.4E-09	7.9E+00	7.5E-04	1.0E-03	6.2E-06	1.6E-01	5.5E-03	5.4E-09
753	0.00	4.8E-09	7.1E+00	7.5E-04	1.0E-03	5.6E-06	1.6E-01	5.5E-03	4.8E-09
754	0.00	4.3E-09	6.4E+00	7.5E-04	1.0E-03	5.0E-06	1.6E-01	5.5E-03	4.3E-09
755	0.00	1.5E-09	2.3E+00	7.5E-04	1.0E-03	1.8E-06	1.6E-01	5.5E-03	1.5E-09
756	0.00	1.7E-09	2.5E+00	7.5E-04	1.0E-03	2.0E-06	1.6E-01	5.5E-03	1.7E-09
757	0.00	1.9E-09	2.8E+00	7.5E-04	1.0E-03	2.2E-06	1.6E-01	5.5E-03	1.9E-09
758	0.00	2.1E-09	3.2E+00	7.5E-04	1.0E-03	2.5E-06	1.6E-01	5.5E-03	2.1E-09
759	0.00	2.4E-09	3.6E+00	7.5E-04	1.0E-03	2.8E-06	1.6E-01	5.5E-03	2.4E-09
760	0.00	2.8E-09	4.1E+00	7.5E-04	1.0E-03	3.2E-06	1.6E-01	5.5E-03	2.8E-09
761	0.00	3.2E-09	4.7E+00	7.5E-04	1.0E-03	3.7E-06	1.6E-01	5.5E-03	3.2E-09
762	0.00	3.7E-09	5.5E+00	7.5E-04	1.0E-03	4.3E-06	1.6E-01	5.5E-03	3.7E-09
763	0.00	4.2E-09	6.2E+00	7.5E-04	1.0E-03	4.9E-06	1.6E-01	5.5E-03	4.2E-09
764	0.00	4.8E-09	7.1E+00	7.5E-04	1.0E-03	5.6E-06	1.6E-01	5.5E-03	4.8E-09
765	0.01	5.4E-09	8.0E+00	7.5E-04	1.0E-03	6.3E-06	1.6E-01	5.5E-03	5.4E-09
766	0.01	6.0E-09	8.9E+00	7.5E-04	1.0E-03	7.0E-06	1.6E-01	5.5E-03	6.0E-09
767	0.01	6.6E-09	9.8E+00	7.5E-04	1.0E-03	7.7E-06	1.6E-01	5.5E-03	6.6E-09
768	0.01	7.1E-09	1.0E+01	7.5E-04	1.0E-03	8.2E-06	1.6E-01	5.5E-03	7.1E-09
769	0.01	7.4E-09	1.1E+01	7.5E-04	1.0E-03	8.6E-06	1.6E-01	5.5E-03	7.4E-09
770	0.01	7.6E-09	1.1E+01	7.5E-04	1.0E-03	8.9E-06	1.6E-01	5.5E-03	7.6E-09
771	0.01	7.7E-09	1.1E+01	7.5E-04	1.0E-03	8.9E-06	1.6E-01	5.5E-03	7.7E-09
772	0.01	7.6E-09	1.1E+01	7.5E-04	1.0E-03	8.8E-06	1.6E-01	5.5E-03	7.6E-09
773	0.01	7.3E-09	1.1E+01	7.5E-04	1.0E-03	8.4E-06	1.6E-01	5.5E-03	7.3E-09
774	0.01	6.8E-09	1.0E+01	7.5E-04	1.0E-03	7.9E-06	1.6E-01	5.5E-03	6.8E-09
775	0.01	6.3E-09	9.3E+00	7.5E-04	1.0E-03	7.3E-06	1.6E-01	5.5E-03	6.3E-09

776	0.01	5.8E-09	8.5E+00	7.5E-04	1.0E-03	6.7E-06	1.6E-01	5.5E-03	5.7E-09
777	0.01	5.2E-09	7.8E+00	7.5E-04	1.0E-03	6.1E-06	1.6E-01	5.5E-03	5.2E-09
778	0.00	4.8E-09	7.1E+00	7.5E-04	1.0E-03	5.5E-06	1.6E-01	5.5E-03	4.8E-09
779	0.00	4.3E-09	6.4E+00	7.5E-04	1.0E-03	5.0E-06	1.6E-01	5.5E-03	4.3E-09
780	0.00	3.9E-09	5.8E+00	7.5E-04	1.0E-03	4.5E-06	1.6E-01	5.5E-03	3.9E-09
781	0.00	1.4E-09	2.1E+00	7.5E-04	1.0E-03	1.7E-06	1.6E-01	5.5E-03	1.4E-09
782	0.00	1.6E-09	2.4E+00	7.5E-04	1.0E-03	1.9E-06	1.6E-01	5.5E-03	1.6E-09
783	0.00	1.8E-09	2.6E+00	7.5E-04	1.0E-03	2.1E-06	1.6E-01	5.5E-03	1.8E-09
784	0.00	2.0E-09	3.0E+00	7.5E-04	1.0E-03	2.3E-06	1.6E-01	5.5E-03	2.0E-09
785	0.00	2.3E-09	3.3E+00	7.5E-04	1.0E-03	2.6E-06	1.6E-01	5.5E-03	2.2E-09
786	0.00	2.5E-09	3.8E+00	7.5E-04	1.0E-03	2.9E-06	1.6E-01	5.5E-03	2.5E-09
787	0.00	2.9E-09	4.3E+00	7.5E-04	1.0E-03	3.3E-06	1.6E-01	5.5E-03	2.9E-09
788	0.00	3.3E-09	4.8E+00	7.5E-04	1.0E-03	3.8E-06	1.6E-01	5.5E-03	3.3E-09
789	0.00	3.7E-09	5.4E+00	7.5E-04	1.0E-03	4.3E-06	1.6E-01	5.5E-03	3.7E-09
790	0.00	4.1E-09	6.1E+00	7.5E-04	1.0E-03	4.8E-06	1.6E-01	5.5E-03	4.1E-09
791	0.00	4.6E-09	6.8E+00	7.5E-04	1.0E-03	5.3E-06	1.6E-01	5.5E-03	4.6E-09
792	0.01	5.0E-09	7.5E+00	7.5E-04	1.0E-03	5.8E-06	1.6E-01	5.5E-03	5.0E-09
793	0.01	5.5E-09	8.1E+00	7.5E-04	1.0E-03	6.3E-06	1.6E-01	5.5E-03	5.5E-09
794	0.01	5.8E-09	8.6E+00	7.5E-04	1.0E-03	6.7E-06	1.6E-01	5.5E-03	5.8E-09
795	0.01	6.1E-09	9.0E+00	7.5E-04	1.0E-03	7.1E-06	1.6E-01	5.5E-03	6.1E-09
796	0.01	6.3E-09	9.3E+00	7.5E-04	1.0E-03	7.3E-06	1.6E-01	5.5E-03	6.3E-09
797	0.01	6.4E-09	9.4E+00	7.5E-04	1.0E-03	7.4E-06	1.6E-01	5.5E-03	6.3E-09
798	0.01	6.3E-09	9.3E+00	7.5E-04	1.0E-03	7.3E-06	1.6E-01	5.5E-03	6.3E-09
799	0.01	6.1E-09	9.0E+00	7.5E-04	1.0E-03	7.1E-06	1.6E-01	5.5E-03	6.1E-09
800	0.01	5.7E-09	8.5E+00	7.5E-04	1.0E-03	6.6E-06	1.6E-01	5.5E-03	5.7E-09
801	0.01	5.4E-09	8.0E+00	7.5E-04	1.0E-03	6.2E-06	1.6E-01	5.5E-03	5.4E-09
802	0.01	5.0E-09	7.4E+00	7.5E-04	1.0E-03	5.8E-06	1.6E-01	5.5E-03	5.0E-09
803	0.00	4.6E-09	6.9E+00	7.5E-04	1.0E-03	5.4E-06	1.6E-01	5.5E-03	4.6E-09
804	0.00	4.3E-09	6.3E+00	7.5E-04	1.0E-03	4.9E-06	1.6E-01	5.5E-03	4.3E-09
805	0.00	3.9E-09	5.8E+00	7.5E-04	1.0E-03	4.5E-06	1.6E-01	5.5E-03	3.9E-09
806	0.00	3.6E-09	5.3E+00	7.5E-04	1.0E-03	4.1E-06	1.6E-01	5.5E-03	3.6E-09

Franklin School Project

Risk From New Building Demo (Port. 2) - Mitigated Residential

Haul Route 1A							Haul Route 2A						
Conc	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
3.2E-01	1.9E-07	1.0E-03	6.4E-11	1.6E-01	5.5E-03	5.5E-14	3.4E-01	6.0E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13
3.6E-01	1.9E-07	1.0E-03	7.2E-11	1.6E-01	5.5E-03	6.2E-14	3.9E-01	6.0E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-03	2.1E-13
4.1E-01	1.9E-07	1.0E-03	8.2E-11	1.6E-01	5.5E-03	7.0E-14	4.5E-01	6.0E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-03	2.4E-13
4.6E-01	1.9E-07	1.0E-03	9.2E-11	1.6E-01	5.5E-03	7.9E-14	5.2E-01	6.0E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-03	2.8E-13
5.1E-01	1.9E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.7E-14	5.8E-01	6.0E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-03	3.1E-13
5.5E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.5E-14	6.5E-01	6.0E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-03	3.5E-13
6.0E-01	1.9E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13	7.1E-01	6.0E-07	1.0E-03	4.4E-10	1.6E-01	5.5E-03	3.8E-13
6.4E-01	1.9E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	7.7E-01	6.0E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-03	4.2E-13
6.9E-01	1.9E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13	8.4E-01	6.0E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-03	4.5E-13
7.5E-01	1.9E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13	9.2E-01	6.0E-07	1.0E-03	5.8E-10	1.6E-01	5.5E-03	5.0E-13
8.0E-01	1.9E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.4E-13	9.9E-01	6.0E-07	1.0E-03	6.2E-10	1.6E-01	5.5E-03	5.4E-13
8.4E-01	1.9E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.4E-13	1.0E+00	6.0E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-03	5.6E-13
8.5E-01	1.9E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13	1.0E+00	6.0E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-03	5.6E-13
8.3E-01	1.9E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.4E-13	1.0E+00	6.0E-07	1.0E-03	6.3E-10	1.6E-01	5.5E-03	5.5E-13
7.9E-01	1.9E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.4E-13	9.5E-01	6.0E-07	1.0E-03	6.0E-10	1.6E-01	5.5E-03	5.1E-13
7.4E-01	1.9E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13	8.8E-01	6.0E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-03	4.7E-13
3.8E-01	1.9E-07	1.0E-03	7.5E-11	1.6E-01	5.5E-03	6.4E-14	3.9E-01	6.0E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-03	2.1E-13
4.4E-01	1.9E-07	1.0E-03	8.7E-11	1.6E-01	5.5E-03	7.5E-14	4.7E-01	6.0E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-03	2.5E-13
5.1E-01	1.9E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.7E-14	5.5E-01	6.0E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-03	3.0E-13
5.8E-01	1.9E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13	6.5E-01	6.0E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-03	3.5E-13
6.6E-01	1.9E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	7.6E-01	6.0E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-03	4.1E-13
7.3E-01	1.9E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13	8.7E-01	6.0E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-03	4.7E-13
8.0E-01	1.9E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.4E-13	9.7E-01	6.0E-07	1.0E-03	6.1E-10	1.6E-01	5.5E-03	5.3E-13
8.7E-01	1.9E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13	1.1E+00	6.0E-07	1.0E-03	6.8E-10	1.6E-01	5.5E-03	5.9E-13
9.6E-01	1.9E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-03	1.6E-13	1.2E+00	6.0E-07	1.0E-03	7.6E-10	1.6E-01	5.5E-03	6.5E-13
1.1E+00	1.9E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13	1.3E+00	6.0E-07	1.0E-03	8.4E-10	1.6E-01	5.5E-03	7.2E-13
1.1E+00	1.9E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-03	1.9E-13	1.4E+00	6.0E-07	1.0E-03	8.9E-10	1.6E-01	5.5E-03	7.7E-13
1.1E+00	1.9E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-03	1.9E-13	1.4E+00	6.0E-07	1.0E-03	9.0E-10	1.6E-01	5.5E-03	7.7E-13
1.1E+00	1.9E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-03	1.9E-13	1.4E+00	6.0E-07	1.0E-03	8.7E-10	1.6E-01	5.5E-03	7.5E-13
1.0E+00	1.9E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13	1.3E+00	6.0E-07	1.0E-03	8.0E-10	1.6E-01	5.5E-03	6.9E-13
9.6E-01	1.9E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-03	1.6E-13	1.2E+00	6.0E-07	1.0E-03	7.2E-10	1.6E-01	5.5E-03	6.2E-13
8.7E-01	1.9E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13	1.0E+00	6.0E-07	1.0E-03	6.4E-10	1.6E-01	5.5E-03	5.5E-13
4.4E-01	1.9E-07	1.0E-03	8.8E-11	1.6E-01	5.5E-03	7.5E-14	4.5E-01	6.0E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-03	2.5E-13
5.3E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.0E-14	5.6E-01	6.0E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-03	3.0E-13
6.3E-01	1.9E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	6.9E-01	6.0E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-03	3.7E-13
7.6E-01	1.9E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13	8.5E-01	6.0E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-03	4.6E-13
8.9E-01	1.9E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.5E-13	1.0E+00	6.0E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-03	5.6E-13
1.0E+00	1.9E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-03	1.7E-13	1.2E+00	6.0E-07	1.0E-03	7.8E-10	1.6E-01	5.5E-03	6.7E-13
1.1E+00	1.9E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	1.9E-13	1.4E+00	6.0E-07	1.0E-03	9.0E-10	1.6E-01	5.5E-03	7.8E-13

1.3E+00	1.9E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-03	2.2E-13	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.9E-13
1.4E+00	1.9E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-03	2.4E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12
1.5E+00	1.9E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-03	2.6E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
1.6E+00	1.9E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-03	2.7E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
1.5E+00	1.9E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-03	2.6E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
1.4E+00	1.9E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-03	2.4E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.7E-13
1.3E+00	1.9E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-03	2.2E-13	1.6E+00	6.0E-07	1.0E-03	9.9E-10	1.6E-01	5.5E-03	8.5E-13
1.1E+00	1.9E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-03	1.9E-13	1.3E+00	6.0E-07	1.0E-03	8.4E-10	1.6E-01	5.5E-03	7.3E-13
9.8E-01	1.9E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-03	1.7E-13	1.1E+00	6.0E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-03	6.2E-13
5.2E-01	1.9E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.9E-14	5.2E-01	6.0E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-03	2.8E-13
6.4E-01	1.9E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	6.6E-01	6.0E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-03	3.6E-13
8.1E-01	1.9E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.4E-13	8.6E-01	6.0E-07	1.0E-03	5.4E-10	1.6E-01	5.5E-03	4.6E-13
1.0E+00	1.9E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-03	1.7E-13	1.1E+00	6.0E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-03	6.1E-13
1.3E+00	1.9E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-03	2.1E-13	1.5E+00	6.0E-07	1.0E-03	9.3E-10	1.6E-01	5.5E-03	8.0E-13
1.5E+00	1.9E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-03	2.6E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12
1.7E+00	1.9E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-03	3.0E-13	2.3E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12
2.0E+00	1.9E-07	1.0E-03	4.0E-10	1.6E-01	5.5E-03	3.4E-13	2.8E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12
2.3E+00	1.9E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-03	3.9E-13	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12
2.4E+00	1.9E-07	1.0E-03	4.7E-10	1.6E-01	5.5E-03	4.1E-13	3.4E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12
2.3E+00	1.9E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-03	3.9E-13	3.1E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12
2.1E+00	1.9E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-03	3.5E-13	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12
1.8E+00	1.9E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-03	3.1E-13	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12
1.5E+00	1.9E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-03	2.6E-13	1.8E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	9.9E-13
1.3E+00	1.9E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-03	2.2E-13	1.5E+00	6.0E-07	1.0E-03	9.4E-10	1.6E-01	5.5E-03	8.1E-13
1.1E+00	1.9E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13	1.2E+00	6.0E-07	1.0E-03	7.6E-10	1.6E-01	5.5E-03	6.6E-13
6.0E-01	1.9E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13	5.9E-01	6.0E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-03	3.2E-13
7.8E-01	1.9E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13	7.8E-01	6.0E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-03	4.2E-13
1.0E+00	1.9E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13	1.1E+00	6.0E-07	1.0E-03	6.7E-10	1.6E-01	5.5E-03	5.8E-13
1.4E+00	1.9E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-03	2.4E-13	1.5E+00	6.0E-07	1.0E-03	9.6E-10	1.6E-01	5.5E-03	8.2E-13
1.9E+00	1.9E-07	1.0E-03	3.8E-10	1.6E-01	5.5E-03	3.2E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12
2.5E+00	1.9E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-03	4.2E-13	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12
3.0E+00	1.9E-07	1.0E-03	6.1E-10	1.6E-01	5.5E-03	5.2E-13	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12
3.6E+00	1.9E-07	1.0E-03	7.3E-10	1.6E-01	5.5E-03	6.2E-13	5.6E+00	6.0E-07	1.0E-03	3.5E-09	1.6E-01	5.5E-03	3.0E-12
3.9E+00	1.9E-07	1.0E-03	7.8E-10	1.6E-01	5.5E-03	6.8E-13	6.2E+00	6.0E-07	1.0E-03	3.9E-09	1.6E-01	5.5E-03	3.3E-12
3.7E+00	1.9E-07	1.0E-03	7.4E-10	1.6E-01	5.5E-03	6.4E-13	5.6E+00	6.0E-07	1.0E-03	3.5E-09	1.6E-01	5.5E-03	3.0E-12
3.2E+00	1.9E-07	1.0E-03	6.4E-10	1.6E-01	5.5E-03	5.5E-13	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12
2.6E+00	1.9E-07	1.0E-03	5.2E-10	1.6E-01	5.5E-03	4.5E-13	3.4E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12
2.1E+00	1.9E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-03	3.6E-13	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12
1.7E+00	1.9E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-03	2.9E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
1.4E+00	1.9E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-03	2.3E-13	1.5E+00	6.0E-07	1.0E-03	9.7E-10	1.6E-01	5.5E-03	8.4E-13
1.1E+00	1.9E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-03	1.9E-13	1.2E+00	6.0E-07	1.0E-03	7.7E-10	1.6E-01	5.5E-03	6.6E-13
6.8E-01	1.9E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13	6.5E-01	6.0E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-03	3.5E-13
9.3E-01	1.9E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.6E-13	8.8E-01	6.0E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-03	4.8E-13
1.3E+00	1.9E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-03	2.3E-13	1.3E+00	6.0E-07	1.0E-03	8.1E-10	1.6E-01	5.5E-03	6.9E-13
2.0E+00	1.9E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-03	3.4E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
3.1E+00	1.9E-07	1.0E-03	6.1E-10	1.6E-01	5.5E-03	5.3E-13	3.5E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12

4.8E+00	1.9E-07	1.0E-03	9.5E-10	1.6E-01	5.5E-03	8.1E-13	6.5E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	5.5E-03	3.5E-12
6.6E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	1.1E+01	6.0E-07	1.0E-03	7.1E-09	1.6E-01	5.5E-03	6.1E-12
7.9E+00	1.9E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	1.5E+01	6.0E-07	1.0E-03	9.4E-09	1.6E-01	5.5E-03	8.1E-12
7.2E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	1.3E+01	6.0E-07	1.0E-03	8.1E-09	1.6E-01	5.5E-03	7.0E-12
5.6E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.6E-13	8.7E+00	6.0E-07	1.0E-03	5.5E-09	1.6E-01	5.5E-03	4.7E-12
4.2E+00	1.9E-07	1.0E-03	8.3E-10	1.6E-01	5.5E-03	7.1E-13	5.7E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-03	3.1E-12
3.1E+00	1.9E-07	1.0E-03	6.1E-10	1.6E-01	5.5E-03	5.3E-13	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12
2.3E+00	1.9E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-03	3.9E-13	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12
1.8E+00	1.9E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-03	3.0E-13	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12
1.4E+00	1.9E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-03	2.3E-13	1.5E+00	6.0E-07	1.0E-03	9.4E-10	1.6E-01	5.5E-03	8.1E-13
1.1E+00	1.9E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13	1.2E+00	6.0E-07	1.0E-03	7.2E-10	1.6E-01	5.5E-03	6.2E-13
7.5E-01	1.9E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13	6.8E-01	6.0E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-03	3.7E-13
1.1E+00	1.9E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13	9.5E-01	6.0E-07	1.0E-03	5.9E-10	1.6E-01	5.5E-03	5.1E-13
1.6E+00	1.9E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-03	2.8E-13	1.4E+00	6.0E-07	1.0E-03	9.1E-10	1.6E-01	5.5E-03	7.8E-13
2.7E+00	1.9E-07	1.0E-03	5.4E-10	1.6E-01	5.5E-03	4.6E-13	2.5E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12
5.2E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.9E-13	5.0E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-03	2.7E-12
1.2E+01	1.9E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	1.4E+01	6.0E-07	1.0E-03	8.9E-09	1.6E-01	5.5E-03	7.7E-12
2.3E+01	1.9E-07	1.0E-03	4.7E-09	1.6E-01	5.5E-03	4.0E-12	5.4E+01	6.0E-07	1.0E-03	3.4E-08	1.6E-01	5.5E-03	2.9E-11
2.0E+01	1.9E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-03	3.4E-12	6.1E+01	6.0E-07	1.0E-03	3.8E-08	1.6E-01	5.5E-03	3.3E-11
1.2E+01	1.9E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12	2.4E+01	6.0E-07	1.0E-03	1.5E-08	1.6E-01	5.5E-03	1.3E-11
7.4E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	1.1E+01	6.0E-07	1.0E-03	6.9E-09	1.6E-01	5.5E-03	5.9E-12
4.7E+00	1.9E-07	1.0E-03	9.4E-10	1.6E-01	5.5E-03	8.1E-13	6.0E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	5.5E-03	3.3E-12
3.2E+00	1.9E-07	1.0E-03	6.4E-10	1.6E-01	5.5E-03	5.5E-13	3.8E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.0E-12
2.3E+00	1.9E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-03	3.9E-13	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12
1.7E+00	1.9E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-03	2.9E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.8E-13
1.3E+00	1.9E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-03	2.2E-13	1.3E+00	6.0E-07	1.0E-03	8.4E-10	1.6E-01	5.5E-03	7.3E-13
1.0E+00	1.9E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-03	1.7E-13	1.0E+00	6.0E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-03	5.6E-13
7.9E-01	1.9E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.3E-13	6.9E-01	6.0E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-03	3.7E-13
1.1E+00	1.9E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	2.0E-13	9.7E-01	6.0E-07	1.0E-03	6.1E-10	1.6E-01	5.5E-03	5.2E-13
1.8E+00	1.9E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-03	3.1E-13	1.5E+00	6.0E-07	1.0E-03	9.3E-10	1.6E-01	5.5E-03	8.0E-13
3.3E+00	1.9E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-03	5.6E-13	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12
7.6E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	5.5E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-03	3.0E-12
7.7E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	9.6E+00	6.0E-07	1.0E-03	6.0E-09	1.6E-01	5.5E-03	5.2E-12
4.5E+00	1.9E-07	1.0E-03	9.0E-10	1.6E-01	5.5E-03	7.8E-13	5.1E+00	6.0E-07	1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.8E-12
3.0E+00	1.9E-07	1.0E-03	5.9E-10	1.6E-01	5.5E-03	5.1E-13	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12
2.1E+00	1.9E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-03	3.5E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.2E-12
1.5E+00	1.9E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-03	2.6E-13	1.5E+00	6.0E-07	1.0E-03	9.7E-10	1.6E-01	5.5E-03	8.3E-13
1.1E+00	1.9E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	2.0E-13	1.2E+00	6.0E-07	1.0E-03	7.3E-10	1.6E-01	5.5E-03	6.3E-13
9.0E-01	1.9E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.5E-13	9.0E-01	6.0E-07	1.0E-03	5.7E-10	1.6E-01	5.5E-03	4.9E-13
7.8E-01	1.9E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.3E-13	6.6E-01	6.0E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-03	3.6E-13
1.1E+00	1.9E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	1.9E-13	9.1E-01	6.0E-07	1.0E-03	5.7E-10	1.6E-01	5.5E-03	4.9E-13
1.8E+00	1.9E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-03	3.1E-13	1.4E+00	6.0E-07	1.0E-03	8.5E-10	1.6E-01	5.5E-03	7.3E-13
3.3E+00	1.9E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-03	5.6E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12
7.4E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	4.1E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.2E-12
6.3E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-03	3.5E-12
3.7E+00	1.9E-07	1.0E-03	7.4E-10	1.6E-01	5.5E-03	6.4E-13	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12

2.4E+00	1.9E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-03	4.2E-13	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.3E-12
1.7E+00	1.9E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-03	3.0E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.6E-13
1.3E+00	1.9E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-03	2.2E-13	1.3E+00	6.0E-07	1.0E-03	8.2E-10	1.6E-01	5.5E-03	7.0E-13
9.9E-01	1.9E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-03	1.7E-13	9.9E-01	6.0E-07	1.0E-03	6.2E-10	1.6E-01	5.5E-03	5.4E-13
7.8E-01	1.9E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.3E-13	7.8E-01	6.0E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-03	4.2E-13
7.4E-01	1.9E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13	6.1E-01	6.0E-07	1.0E-03	3.8E-10	1.6E-01	5.5E-03	3.3E-13
1.0E+00	1.9E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13	8.2E-01	6.0E-07	1.0E-03	5.1E-10	1.6E-01	5.5E-03	4.4E-13
1.6E+00	1.9E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-03	2.7E-13	1.1E+00	6.0E-07	1.0E-03	7.2E-10	1.6E-01	5.5E-03	6.2E-13
2.7E+00	1.9E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-03	4.6E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.4E-13
5.0E+00	1.9E-07	1.0E-03	9.8E-10	1.6E-01	5.5E-03	8.5E-13	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12
4.5E+00	1.9E-07	1.0E-03	8.9E-10	1.6E-01	5.5E-03	7.6E-13	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.3E-12
2.9E+00	1.9E-07	1.0E-03	5.7E-10	1.6E-01	5.5E-03	4.9E-13	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.5E-12
2.0E+00	1.9E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-03	3.4E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
1.5E+00	1.9E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-03	2.5E-13	1.5E+00	6.0E-07	1.0E-03	9.3E-10	1.6E-01	5.5E-03	8.0E-13
1.1E+00	1.9E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-03	1.9E-13	1.1E+00	6.0E-07	1.0E-03	7.0E-10	1.6E-01	5.5E-03	6.0E-13
8.6E-01	1.9E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13	8.7E-01	6.0E-07	1.0E-03	5.4E-10	1.6E-01	5.5E-03	4.7E-13
6.9E-01	1.9E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13	6.9E-01	6.0E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-03	3.7E-13
6.7E-01	1.9E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.2E-13	5.4E-01	6.0E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-03	2.9E-13
9.0E-01	1.9E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.5E-13	7.0E-01	6.0E-07	1.0E-03	4.4E-10	1.6E-01	5.5E-03	3.8E-13
1.3E+00	1.9E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-03	2.2E-13	9.4E-01	6.0E-07	1.0E-03	5.9E-10	1.6E-01	5.5E-03	5.1E-13
2.0E+00	1.9E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-03	3.4E-13	1.3E+00	6.0E-07	1.0E-03	8.2E-10	1.6E-01	5.5E-03	7.0E-13
3.1E+00	1.9E-07	1.0E-03	6.2E-10	1.6E-01	5.5E-03	5.4E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12
3.3E+00	1.9E-07	1.0E-03	6.6E-10	1.6E-01	5.5E-03	5.7E-13	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12
2.3E+00	1.9E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-03	3.9E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12
1.6E+00	1.9E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-03	2.8E-13	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.8E-13
1.2E+00	1.9E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-03	2.1E-13	1.3E+00	6.0E-07	1.0E-03	8.0E-10	1.6E-01	5.5E-03	6.9E-13
9.6E-01	1.9E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-03	1.6E-13	9.8E-01	6.0E-07	1.0E-03	6.2E-10	1.6E-01	5.5E-03	5.3E-13
7.6E-01	1.9E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13	7.8E-01	6.0E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-03	4.2E-13
6.1E-01	1.9E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13	6.3E-01	6.0E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-03	3.4E-13
5.9E-01	1.9E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13	4.7E-01	6.0E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-03	2.6E-13
7.6E-01	1.9E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13	5.9E-01	6.0E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-03	3.2E-13
1.0E+00	1.9E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-03	1.7E-13	7.6E-01	6.0E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-03	4.1E-13
1.4E+00	1.9E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-03	2.4E-13	1.0E+00	6.0E-07	1.0E-03	6.3E-10	1.6E-01	5.5E-03	5.4E-13
2.1E+00	1.9E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-03	3.6E-13	1.4E+00	6.0E-07	1.0E-03	8.6E-10	1.6E-01	5.5E-03	7.4E-13
2.9E+00	1.9E-07	1.0E-03	5.8E-10	1.6E-01	5.5E-03	5.0E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.8E-13
3.6E+00	1.9E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-03	6.1E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12
3.6E+00	1.9E-07	1.0E-03	7.2E-10	1.6E-01	5.5E-03	6.2E-13	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.3E-12
3.1E+00	1.9E-07	1.0E-03	6.3E-10	1.6E-01	5.5E-03	5.4E-13	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12
2.5E+00	1.9E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-03	4.2E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
1.9E+00	1.9E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-03	3.2E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.4E-13
1.3E+00	1.9E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-03	2.3E-13	1.3E+00	6.0E-07	1.0E-03	8.3E-10	1.6E-01	5.5E-03	7.2E-13
1.0E+00	1.9E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13	1.1E+00	6.0E-07	1.0E-03	6.6E-10	1.6E-01	5.5E-03	5.7E-13
8.5E-01	1.9E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13	8.7E-01	6.0E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-03	4.7E-13
6.8E-01	1.9E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13	7.0E-01	6.0E-07	1.0E-03	4.4E-10	1.6E-01	5.5E-03	3.8E-13
5.6E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.6E-14	5.7E-01	6.0E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-03	3.1E-13
5.1E-01	1.9E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.7E-14	4.1E-01	6.0E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-03	2.2E-13

6.4E-01	1.9E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	5.0E-01	6.0E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-03	2.7E-13
8.2E-01	1.9E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.4E-13	6.2E-01	6.0E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-03	3.4E-13
1.1E+00	1.9E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-03	1.9E-13	8.0E-01	6.0E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-03	4.3E-13
1.5E+00	1.9E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-03	2.5E-13	1.0E+00	6.0E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-03	5.6E-13
1.9E+00	1.9E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-03	3.2E-13	1.3E+00	6.0E-07	1.0E-03	8.1E-10	1.6E-01	5.5E-03	6.9E-13
2.2E+00	1.9E-07	1.0E-03	4.4E-10	1.6E-01	5.5E-03	3.8E-13	1.5E+00	6.0E-07	1.0E-03	9.5E-10	1.6E-01	5.5E-03	8.2E-13
2.3E+00	1.9E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-03	4.0E-13	1.7E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	9.0E-13
2.2E+00	1.9E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-03	3.7E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.1E-13
1.8E+00	1.9E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-03	3.1E-13	1.6E+00	6.0E-07	1.0E-03	9.7E-10	1.6E-01	5.5E-03	8.4E-13
1.5E+00	1.9E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-03	2.6E-13	1.4E+00	6.0E-07	1.0E-03	8.5E-10	1.6E-01	5.5E-03	7.3E-13
1.2E+00	1.9E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-03	2.0E-13	1.1E+00	6.0E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-03	6.1E-13
9.0E-01	1.9E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.5E-13	9.0E-01	6.0E-07	1.0E-03	5.6E-10	1.6E-01	5.5E-03	4.8E-13
7.6E-01	1.9E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13	7.7E-01	6.0E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-03	4.1E-13
6.3E-01	1.9E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.1E-13	6.4E-01	6.0E-07	1.0E-03	4.0E-10	1.6E-01	5.5E-03	3.5E-13
5.2E-01	1.9E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.8E-14	5.3E-01	6.0E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-03	2.9E-13
4.4E-01	1.9E-07	1.0E-03	8.7E-11	1.6E-01	5.5E-03	7.5E-14	3.6E-01	6.0E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	2.0E-13
5.4E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.2E-14	4.3E-01	6.0E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-03	2.3E-13
6.7E-01	1.9E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.2E-13	5.3E-01	6.0E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-03	2.8E-13
8.6E-01	1.9E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13	6.5E-01	6.0E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-03	3.5E-13
1.1E+00	1.9E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.9E-13	8.0E-01	6.0E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-03	4.3E-13
1.3E+00	1.9E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-03	2.2E-13	9.6E-01	6.0E-07	1.0E-03	6.0E-10	1.6E-01	5.5E-03	5.2E-13
1.5E+00	1.9E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-03	2.6E-13	1.1E+00	6.0E-07	1.0E-03	6.9E-10	1.6E-01	5.5E-03	6.0E-13
1.6E+00	1.9E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-03	2.7E-13	1.2E+00	6.0E-07	1.0E-03	7.5E-10	1.6E-01	5.5E-03	6.5E-13
1.5E+00	1.9E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-03	2.6E-13	1.2E+00	6.0E-07	1.0E-03	7.6E-10	1.6E-01	5.5E-03	6.6E-13
1.4E+00	1.9E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-03	2.3E-13	1.2E+00	6.0E-07	1.0E-03	7.3E-10	1.6E-01	5.5E-03	6.2E-13
1.1E+00	1.9E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	2.0E-13	1.0E+00	6.0E-07	1.0E-03	6.4E-10	1.6E-01	5.5E-03	5.5E-13
9.7E-01	1.9E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-03	1.7E-13	9.0E-01	6.0E-07	1.0E-03	5.7E-10	1.6E-01	5.5E-03	4.9E-13
8.0E-01	1.9E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.4E-13	7.8E-01	6.0E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-03	4.2E-13
6.5E-01	1.9E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	6.4E-01	6.0E-07	1.0E-03	4.0E-10	1.6E-01	5.5E-03	3.5E-13
5.7E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.7E-14	5.7E-01	6.0E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-03	3.1E-13
4.8E-01	1.9E-07	1.0E-03	9.5E-11	1.6E-01	5.5E-03	8.2E-14	4.9E-01	6.0E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-03	2.6E-13
3.8E-01	1.9E-07	1.0E-03	7.6E-11	1.6E-01	5.5E-03	6.5E-14	3.2E-01	6.0E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-03	1.7E-13
4.6E-01	1.9E-07	1.0E-03	9.1E-11	1.6E-01	5.5E-03	7.9E-14	3.7E-01	6.0E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-03	2.0E-13
5.6E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.6E-14	4.5E-01	6.0E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-03	2.4E-13
6.8E-01	1.9E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13	5.3E-01	6.0E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-03	2.9E-13
8.3E-01	1.9E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.4E-13	6.4E-01	6.0E-07	1.0E-03	4.0E-10	1.6E-01	5.5E-03	3.4E-13
9.7E-01	1.9E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-03	1.7E-13	7.4E-01	6.0E-07	1.0E-03	4.7E-10	1.6E-01	5.5E-03	4.0E-13
1.1E+00	1.9E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-03	1.9E-13	8.4E-01	6.0E-07	1.0E-03	5.2E-10	1.6E-01	5.5E-03	4.5E-13
1.1E+00	1.9E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	2.0E-13	9.0E-01	6.0E-07	1.0E-03	5.6E-10	1.6E-01	5.5E-03	4.8E-13
1.1E+00	1.9E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	1.9E-13	9.2E-01	6.0E-07	1.0E-03	5.8E-10	1.6E-01	5.5E-03	5.0E-13
1.1E+00	1.9E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13	8.9E-01	6.0E-07	1.0E-03	5.6E-10	1.6E-01	5.5E-03	4.8E-13
9.6E-01	1.9E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-03	1.6E-13	8.4E-01	6.0E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-03	4.5E-13
8.4E-01	1.9E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.4E-13	7.7E-01	6.0E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-03	4.2E-13
7.2E-01	1.9E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13	6.8E-01	6.0E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-03	3.7E-13
5.8E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.9E-14	5.6E-01	6.0E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-03	3.0E-13
4.9E-01	1.9E-07	1.0E-03	9.7E-11	1.6E-01	5.5E-03	8.3E-14	4.9E-01	6.0E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-03	2.6E-13

4.4E-01	1.9E-07	1.0E-03	8.8E-11	1.6E-01	5.5E-03	7.6E-14	4.5E-01	6.0E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-03	2.4E-13
3.4E-01	1.9E-07	1.0E-03	6.7E-11	1.6E-01	5.5E-03	5.7E-14	2.8E-01	6.0E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.5E-13
4.0E-01	1.9E-07	1.0E-03	7.9E-11	1.6E-01	5.5E-03	6.8E-14	3.3E-01	6.0E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13
4.7E-01	1.9E-07	1.0E-03	9.3E-11	1.6E-01	5.5E-03	8.0E-14	3.8E-01	6.0E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-03	2.1E-13
5.6E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.5E-14	4.5E-01	6.0E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-03	2.4E-13
6.5E-01	1.9E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13	5.2E-01	6.0E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-03	2.8E-13
7.5E-01	1.9E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13	5.9E-01	6.0E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-03	3.2E-13
8.3E-01	1.9E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.4E-13	6.6E-01	6.0E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-03	3.6E-13
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8.7E-01	1.9E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13	7.2E-01	6.0E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-03	3.9E-13
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7.8E-01	1.9E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.3E-13	6.9E-01	6.0E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-03	3.7E-13
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5.4E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.3E-14	5.2E-01	6.0E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-03	2.8E-13
4.4E-01	1.9E-07	1.0E-03	8.8E-11	1.6E-01	5.5E-03	7.5E-14	4.3E-01	6.0E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-03	2.3E-13
3.8E-01	1.9E-07	1.0E-03	7.6E-11	1.6E-01	5.5E-03	6.5E-14	3.8E-01	6.0E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-03	2.1E-13
2.9E-01	1.9E-07	1.0E-03	5.8E-11	1.6E-01	5.5E-03	5.0E-14	2.5E-01	6.0E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.3E-13
3.4E-01	1.9E-07	1.0E-03	6.8E-11	1.6E-01	5.5E-03	5.8E-14	2.9E-01	6.0E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.5E-13
4.0E-01	1.9E-07	1.0E-03	7.9E-11	1.6E-01	5.5E-03	6.8E-14	3.3E-01	6.0E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13
4.6E-01	1.9E-07	1.0E-03	9.2E-11	1.6E-01	5.5E-03	7.9E-14	3.8E-01	6.0E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-03	2.0E-13
5.3E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.1E-14	4.3E-01	6.0E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-03	2.3E-13
6.0E-01	1.9E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13	4.9E-01	6.0E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-03	2.6E-13
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5.9E-01	1.9E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13	5.3E-01	6.0E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-03	2.9E-13
5.4E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.2E-14	5.0E-01	6.0E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-03	2.7E-13
4.8E-01	1.9E-07	1.0E-03	9.5E-11	1.6E-01	5.5E-03	8.2E-14	4.5E-01	6.0E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-03	2.5E-13
4.2E-01	1.9E-07	1.0E-03	8.3E-11	1.6E-01	5.5E-03	7.1E-14	4.0E-01	6.0E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-03	2.2E-13
3.5E-01	1.9E-07	1.0E-03	6.9E-11	1.6E-01	5.5E-03	5.9E-14	3.4E-01	6.0E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.9E-13
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3.9E-01	1.9E-07	1.0E-03	7.7E-11	1.6E-01	5.5E-03	6.7E-14	3.3E-01	6.0E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-03	1.8E-13
4.4E-01	1.9E-07	1.0E-03	8.7E-11	1.6E-01	5.5E-03	7.5E-14	3.7E-01	6.0E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	2.0E-13
4.9E-01	1.9E-07	1.0E-03	9.7E-11	1.6E-01	5.5E-03	8.4E-14	4.0E-01	6.0E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-03	2.2E-13
5.3E-01	1.9E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	9.0E-14	4.4E-01	6.0E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-03	2.4E-13
5.5E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.4E-14	4.6E-01	6.0E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-03	2.5E-13
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5.3E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.1E-14	4.7E-01	6.0E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-03	2.5E-13
5.0E-01	1.9E-07	1.0E-03	9.9E-11	1.6E-01	5.5E-03	8.6E-14	4.5E-01	6.0E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-03	2.4E-13
4.6E-01	1.9E-07	1.0E-03	9.2E-11	1.6E-01	5.5E-03	7.9E-14	4.3E-01	6.0E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-03	2.3E-13

4.2E-01	1.9E-07	1.0E-03	8.4E-11	1.6E-01	5.5E-03	7.2E-14	4.0E-01	6.0E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-03	2.1E-13
3.8E-01	1.9E-07	1.0E-03	7.5E-11	1.6E-01	5.5E-03	6.5E-14	3.6E-01	6.0E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	1.9E-13
3.2E-01	1.9E-07	1.0E-03	6.4E-11	1.6E-01	5.5E-03	5.5E-14	3.1E-01	6.0E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-03	1.7E-13
1.2E+01	1.9E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	1.4E+01	6.0E-07	1.0E-03	8.9E-09	1.6E-01	5.5E-03	7.7E-12
1.4E+01	1.9E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.9E-12
1.6E+01	1.9E-07	1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.8E-12	2.4E+01	6.0E-07	1.0E-03	1.5E-08	1.6E-01	5.5E-03	1.3E-11
1.9E+01	1.9E-07	1.0E-03	3.7E-09	1.6E-01	5.5E-03	3.2E-12	3.2E+01	6.0E-07	1.0E-03	2.0E-08	1.6E-01	5.5E-03	1.7E-11
2.1E+01	1.9E-07	1.0E-03	4.3E-09	1.6E-01	5.5E-03	3.7E-12	4.2E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	5.5E-03	2.3E-11
2.3E+01	1.9E-07	1.0E-03	4.7E-09	1.6E-01	5.5E-03	4.0E-12	5.4E+01	6.0E-07	1.0E-03	3.4E-08	1.6E-01	5.5E-03	2.9E-11
2.5E+01	1.9E-07	1.0E-03	4.9E-09	1.6E-01	5.5E-03	4.2E-12	6.3E+01	6.0E-07	1.0E-03	3.9E-08	1.6E-01	5.5E-03	3.4E-11
2.4E+01	1.9E-07	1.0E-03	4.9E-09	1.6E-01	5.5E-03	4.2E-12	6.8E+01	6.0E-07	1.0E-03	4.3E-08	1.6E-01	5.5E-03	3.7E-11
2.3E+01	1.9E-07	1.0E-03	4.7E-09	1.6E-01	5.5E-03	4.0E-12	7.0E+01	6.0E-07	1.0E-03	4.4E-08	1.6E-01	5.5E-03	3.8E-11
2.2E+01	1.9E-07	1.0E-03	4.3E-09	1.6E-01	5.5E-03	3.7E-12	6.8E+01	6.0E-07	1.0E-03	4.2E-08	1.6E-01	5.5E-03	3.7E-11
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1.8E+01	1.9E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-03	3.1E-12	5.1E+01	6.0E-07	1.0E-03	3.2E-08	1.6E-01	5.5E-03	2.8E-11
1.7E+01	1.9E-07	1.0E-03	3.3E-09	1.6E-01	5.5E-03	2.8E-12	4.2E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	5.5E-03	2.3E-11
1.5E+01	1.9E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-03	2.6E-12	3.5E+01	6.0E-07	1.0E-03	2.2E-08	1.6E-01	5.5E-03	1.9E-11
1.3E+01	1.9E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-03	2.3E-12	2.9E+01	6.0E-07	1.0E-03	1.8E-08	1.6E-01	5.5E-03	1.5E-11
1.2E+01	1.9E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12	2.4E+01	6.0E-07	1.0E-03	1.5E-08	1.6E-01	5.5E-03	1.3E-11
1.1E+01	1.9E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	2.0E+01	6.0E-07	1.0E-03	1.3E-08	1.6E-01	5.5E-03	1.1E-11
9.9E+00	1.9E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	1.7E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.2E-12
9.0E+00	1.9E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.5E-12	1.5E+01	6.0E-07	1.0E-03	9.1E-09	1.6E-01	5.5E-03	7.9E-12
8.1E+00	1.9E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	1.3E+01	6.0E-07	1.0E-03	7.9E-09	1.6E-01	5.5E-03	6.8E-12
7.4E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	1.1E+01	6.0E-07	1.0E-03	6.9E-09	1.6E-01	5.5E-03	5.9E-12
6.7E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	9.6E+00	6.0E-07	1.0E-03	6.0E-09	1.6E-01	5.5E-03	5.2E-12
6.1E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	8.5E+00	6.0E-07	1.0E-03	5.3E-09	1.6E-01	5.5E-03	4.6E-12
5.6E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.6E-13	7.5E+00	6.0E-07	1.0E-03	4.7E-09	1.6E-01	5.5E-03	4.1E-12
5.1E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.8E-13	6.7E+00	6.0E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-03	3.6E-12
4.7E+00	1.9E-07	1.0E-03	9.4E-10	1.6E-01	5.5E-03	8.1E-13	6.0E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	5.5E-03	3.3E-12
1.4E+01	1.9E-07	1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12	1.6E+01	6.0E-07	1.0E-03	1.0E-08	1.6E-01	5.5E-03	8.7E-12
1.8E+01	1.9E-07	1.0E-03	3.5E-09	1.6E-01	5.5E-03	3.0E-12	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11
2.2E+01	1.9E-07	1.0E-03	4.3E-09	1.6E-01	5.5E-03	3.7E-12	3.0E+01	6.0E-07	1.0E-03	1.9E-08	1.6E-01	5.5E-03	1.6E-11
2.6E+01	1.9E-07	1.0E-03	5.2E-09	1.6E-01	5.5E-03	4.5E-12	4.3E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	5.5E-03	2.3E-11
3.1E+01	1.9E-07	1.0E-03	6.1E-09	1.6E-01	5.5E-03	5.3E-12	1.5E+01	6.0E-07	1.0E-03	9.6E-09	1.6E-01	5.5E-03	8.3E-12
3.4E+01	1.9E-07	1.0E-03	6.8E-09	1.6E-01	5.5E-03	5.8E-12	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11
3.5E+01	1.9E-07	1.0E-03	7.0E-09	1.6E-01	5.5E-03	6.0E-12	3.2E+01	6.0E-07	1.0E-03	2.0E-08	1.6E-01	5.5E-03	1.7E-11
3.3E+01	1.9E-07	1.0E-03	6.6E-09	1.6E-01	5.5E-03	5.7E-12	4.6E+01	6.0E-07	1.0E-03	2.9E-08	1.6E-01	5.5E-03	2.5E-11
3.0E+01	1.9E-07	1.0E-03	6.1E-09	1.6E-01	5.5E-03	5.2E-12	4.7E+01	6.0E-07	1.0E-03	3.0E-08	1.6E-01	5.5E-03	2.6E-11
2.7E+01	1.9E-07	1.0E-03	5.4E-09	1.6E-01	5.5E-03	4.7E-12	3.5E+01	6.0E-07	1.0E-03	2.2E-08	1.6E-01	5.5E-03	1.9E-11
2.4E+01	1.9E-07	1.0E-03	4.8E-09	1.6E-01	5.5E-03	4.1E-12	2.6E+01	6.0E-07	1.0E-03	1.7E-08	1.6E-01	5.5E-03	1.4E-11
2.1E+01	1.9E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-03	3.6E-12	6.8E+01	6.0E-07	1.0E-03	4.3E-08	1.6E-01	5.5E-03	3.7E-11
1.9E+01	1.9E-07	1.0E-03	3.7E-09	1.6E-01	5.5E-03	3.2E-12	5.2E+01	6.0E-07	1.0E-03	3.2E-08	1.6E-01	5.5E-03	2.8E-11
1.7E+01	1.9E-07	1.0E-03	3.3E-09	1.6E-01	5.5E-03	2.9E-12	4.0E+01	6.0E-07	1.0E-03	2.5E-08	1.6E-01	5.5E-03	2.2E-11
1.5E+01	1.9E-07	1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12	3.2E+01	6.0E-07	1.0E-03	2.0E-08	1.6E-01	5.5E-03	1.7E-11
1.3E+01	1.9E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.3E-12	2.6E+01	6.0E-07	1.0E-03	1.6E-08	1.6E-01	5.5E-03	1.4E-11
1.2E+01	1.9E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	2.1E+01	6.0E-07	1.0E-03	1.3E-08	1.6E-01	5.5E-03	1.1E-11

1.0E+01	1.9E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.5E-12
9.4E+00	1.9E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12	1.5E+01	6.0E-07	1.0E-03	9.4E-09	1.6E-01	5.5E-03	8.1E-12
8.4E+00	1.9E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.4E-12	1.3E+01	6.0E-07	1.0E-03	8.0E-09	1.6E-01	5.5E-03	6.9E-12
7.6E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	1.1E+01	6.0E-07	1.0E-03	6.9E-09	1.6E-01	5.5E-03	5.9E-12
6.9E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	9.6E+00	6.0E-07	1.0E-03	6.0E-09	1.6E-01	5.5E-03	5.2E-12
6.2E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12	8.4E+00	6.0E-07	1.0E-03	5.3E-09	1.6E-01	5.5E-03	4.5E-12
5.7E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.7E-13	7.4E+00	6.0E-07	1.0E-03	4.7E-09	1.6E-01	5.5E-03	4.0E-12
5.2E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.9E-13	6.6E+00	6.0E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-03	3.6E-12
4.8E+00	1.9E-07	1.0E-03	9.5E-10	1.6E-01	5.5E-03	8.1E-13	5.9E+00	6.0E-07	1.0E-03	3.7E-09	1.6E-01	5.5E-03	3.2E-12
1.8E+01	1.9E-07	1.0E-03	3.5E-09	1.6E-01	5.5E-03	3.0E-12	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.7E-12
2.3E+01	1.9E-07	1.0E-03	4.5E-09	1.6E-01	5.5E-03	3.9E-12	2.5E+01	6.0E-07	1.0E-03	1.6E-08	1.6E-01	5.5E-03	1.3E-11
2.9E+01	1.9E-07	1.0E-03	5.8E-09	1.6E-01	5.5E-03	5.0E-12	3.7E+01	6.0E-07	1.0E-03	2.3E-08	1.6E-01	5.5E-03	2.0E-11
3.8E+01	1.9E-07	1.0E-03	7.6E-09	1.6E-01	5.5E-03	6.5E-12	5.7E+01	6.0E-07	1.0E-03	3.6E-08	1.6E-01	5.5E-03	3.1E-11
4.8E+01	1.9E-07	1.0E-03	9.4E-09	1.6E-01	5.5E-03	8.1E-12	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.7E-12
5.4E+01	1.9E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.2E-12	2.7E+01	6.0E-07	1.0E-03	1.7E-08	1.6E-01	5.5E-03	1.5E-11
5.3E+01	1.9E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.1E-12	4.4E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	5.5E-03	2.4E-11
4.7E+01	1.9E-07	1.0E-03	9.3E-09	1.6E-01	5.5E-03	8.0E-12	0.0E+00	6.0E-07	1.0E-03	0.0E+00	1.6E-01	5.5E-03	0.0E+00
4.0E+01	1.9E-07	1.0E-03	7.9E-09	1.6E-01	5.5E-03	6.8E-12	0.0E+00	6.0E-07	1.0E-03	0.0E+00	1.6E-01	5.5E-03	0.0E+00
3.4E+01	1.9E-07	1.0E-03	6.7E-09	1.6E-01	5.5E-03	5.8E-12	4.3E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	5.5E-03	2.3E-11
2.9E+01	1.9E-07	1.0E-03	5.7E-09	1.6E-01	5.5E-03	4.9E-12	3.0E+01	6.0E-07	1.0E-03	1.9E-08	1.6E-01	5.5E-03	1.6E-11
2.4E+01	1.9E-07	1.0E-03	4.9E-09	1.6E-01	5.5E-03	4.2E-12	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11
2.1E+01	1.9E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-03	3.6E-12	6.1E+01	6.0E-07	1.0E-03	3.9E-08	1.6E-01	5.5E-03	3.3E-11
1.8E+01	1.9E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-03	3.1E-12	4.4E+01	6.0E-07	1.0E-03	2.8E-08	1.6E-01	5.5E-03	2.4E-11
1.6E+01	1.9E-07	1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.7E-12	3.4E+01	6.0E-07	1.0E-03	2.1E-08	1.6E-01	5.5E-03	1.8E-11
1.4E+01	1.9E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12	2.7E+01	6.0E-07	1.0E-03	1.7E-08	1.6E-01	5.5E-03	1.4E-11
1.2E+01	1.9E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.1E-12	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11
1.1E+01	1.9E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.6E-12
9.7E+00	1.9E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.7E-12	1.5E+01	6.0E-07	1.0E-03	9.4E-09	1.6E-01	5.5E-03	8.1E-12
8.7E+00	1.9E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	1.3E+01	6.0E-07	1.0E-03	7.9E-09	1.6E-01	5.5E-03	6.8E-12
7.8E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	1.1E+01	6.0E-07	1.0E-03	6.8E-09	1.6E-01	5.5E-03	5.9E-12
7.0E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	9.4E+00	6.0E-07	1.0E-03	5.9E-09	1.6E-01	5.5E-03	5.1E-12
6.3E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	8.2E+00	6.0E-07	1.0E-03	5.2E-09	1.6E-01	5.5E-03	4.5E-12
5.7E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.8E-13	7.3E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	5.5E-03	3.9E-12
5.2E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.9E-13	6.5E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	5.5E-03	3.5E-12
4.8E+00	1.9E-07	1.0E-03	9.4E-10	1.6E-01	5.5E-03	8.1E-13	5.8E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-03	3.1E-12
2.1E+01	1.9E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-03	3.7E-12	1.9E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.0E-11
2.9E+01	1.9E-07	1.0E-03	5.7E-09	1.6E-01	5.5E-03	4.9E-12	2.7E+01	6.0E-07	1.0E-03	1.7E-08	1.6E-01	5.5E-03	1.5E-11
4.0E+01	1.9E-07	1.0E-03	8.0E-09	1.6E-01	5.5E-03	6.9E-12	4.1E+01	6.0E-07	1.0E-03	2.6E-08	1.6E-01	5.5E-03	2.2E-11
5.7E+01	1.9E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.8E-12	1.3E+01	6.0E-07	1.0E-03	8.2E-09	1.6E-01	5.5E-03	7.1E-12
2.2E+01	1.9E-07	1.0E-03	4.5E-09	1.6E-01	5.5E-03	3.8E-12	2.0E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.1E-11
2.5E+01	1.9E-07	1.0E-03	4.9E-09	1.6E-01	5.5E-03	4.3E-12	3.1E+01	6.0E-07	1.0E-03	2.0E-08	1.6E-01	5.5E-03	1.7E-11
2.6E+01	1.9E-07	1.0E-03	5.1E-09	1.6E-01	5.5E-03	4.4E-12	0.0E+00	6.0E-07	1.0E-03	0.0E+00	1.6E-01	5.5E-03	0.0E+00
6.8E+01	1.9E-07	1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11	0.0E+00	6.0E-07	1.0E-03	0.0E+00	1.6E-01	5.5E-03	0.0E+00
5.2E+01	1.9E-07	1.0E-03	1.0E-08	1.6E-01	5.5E-03	8.9E-12	0.0E+00	6.0E-07	1.0E-03	0.0E+00	1.6E-01	5.5E-03	0.0E+00
4.1E+01	1.9E-07	1.0E-03	8.1E-09	1.6E-01	5.5E-03	7.0E-12	5.0E+01	6.0E-07	1.0E-03	3.1E-08	1.6E-01	5.5E-03	2.7E-11
3.3E+01	1.9E-07	1.0E-03	6.6E-09	1.6E-01	5.5E-03	5.7E-12	3.2E+01	6.0E-07	1.0E-03	2.0E-08	1.6E-01	5.5E-03	1.7E-11

2.8E+01	1.9E-07	1.0E-03	5.5E-09	1.6E-01	5.5E-03	4.7E-12	2.3E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11
2.3E+01	1.9E-07	1.0E-03	4.6E-09	1.6E-01	5.5E-03	4.0E-12	6.8E+01	6.0E-07	1.0E-03	4.3E-08	1.6E-01	5.5E-03	3.7E-11
2.0E+01	1.9E-07	1.0E-03	3.9E-09	1.6E-01	5.5E-03	3.4E-12	4.6E+01	6.0E-07	1.0E-03	2.9E-08	1.6E-01	5.5E-03	2.5E-11
1.7E+01	1.9E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-03	2.9E-12	3.4E+01	6.0E-07	1.0E-03	2.2E-08	1.6E-01	5.5E-03	1.9E-11
1.5E+01	1.9E-07	1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12	2.7E+01	6.0E-07	1.0E-03	1.7E-08	1.6E-01	5.5E-03	1.4E-11
1.3E+01	1.9E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.2E-12	2.1E+01	6.0E-07	1.0E-03	1.3E-08	1.6E-01	5.5E-03	1.2E-11
1.1E+01	1.9E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.5E-12
9.9E+00	1.9E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	1.5E+01	6.0E-07	1.0E-03	9.2E-09	1.6E-01	5.5E-03	7.9E-12
8.8E+00	1.9E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	1.2E+01	6.0E-07	1.0E-03	7.8E-09	1.6E-01	5.5E-03	6.7E-12
7.8E+00	1.9E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.3E-12	1.1E+01	6.0E-07	1.0E-03	6.6E-09	1.6E-01	5.5E-03	5.7E-12
7.0E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	9.2E+00	6.0E-07	1.0E-03	5.7E-09	1.6E-01	5.5E-03	4.9E-12
6.3E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	8.0E+00	6.0E-07	1.0E-03	5.0E-09	1.6E-01	5.5E-03	4.3E-12
5.7E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.8E-13	7.0E+00	6.0E-07	1.0E-03	4.4E-09	1.6E-01	5.5E-03	3.8E-12
5.2E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.9E-13	6.3E+00	6.0E-07	1.0E-03	3.9E-09	1.6E-01	5.5E-03	3.4E-12
4.7E+00	1.9E-07	1.0E-03	9.4E-10	1.6E-01	5.5E-03	8.1E-13	5.6E+00	6.0E-07	1.0E-03	3.5E-09	1.6E-01	5.5E-03	3.0E-12
2.5E+01	1.9E-07	1.0E-03	5.0E-09	1.6E-01	5.5E-03	4.3E-12	1.9E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.0E-11
3.6E+01	1.9E-07	1.0E-03	7.1E-09	1.6E-01	5.5E-03	6.1E-12	2.7E+01	6.0E-07	1.0E-03	1.7E-08	1.6E-01	5.5E-03	1.5E-11
5.3E+01	1.9E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.1E-12	4.2E+01	6.0E-07	1.0E-03	2.6E-08	1.6E-01	5.5E-03	2.3E-11
2.8E+01	1.9E-07	1.0E-03	5.5E-09	1.6E-01	5.5E-03	4.8E-12	1.3E+01	6.0E-07	1.0E-03	8.3E-09	1.6E-01	5.5E-03	7.2E-12
3.4E+01	1.9E-07	1.0E-03	6.8E-09	1.6E-01	5.5E-03	5.8E-12	2.0E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.1E-11
1.3E+01	1.9E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.2E-12	2.1E+01	6.0E-07	1.0E-03	1.3E-08	1.6E-01	5.5E-03	1.1E-11
1.1E+01	1.9E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	1.7E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.1E-12
1.0E+01	1.9E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	1.4E+01	6.0E-07	1.0E-03	8.8E-09	1.6E-01	5.5E-03	7.6E-12
8.8E+00	1.9E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.5E-12	1.2E+01	6.0E-07	1.0E-03	7.4E-09	1.6E-01	5.5E-03	6.4E-12
7.8E+00	1.9E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.3E-12	1.0E+01	6.0E-07	1.0E-03	6.4E-09	1.6E-01	5.5E-03	5.5E-12
7.0E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	8.8E+00	6.0E-07	1.0E-03	5.5E-09	1.6E-01	5.5E-03	4.7E-12
6.3E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12	7.7E+00	6.0E-07	1.0E-03	4.8E-09	1.6E-01	5.5E-03	4.1E-12
5.6E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.7E-13	6.8E+00	6.0E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-03	3.7E-12
5.1E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.7E-13	6.0E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	5.5E-03	3.2E-12
4.6E+00	1.9E-07	1.0E-03	9.2E-10	1.6E-01	5.5E-03	7.9E-13	5.4E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-03	2.9E-12
2.9E+01	1.9E-07	1.0E-03	5.7E-09	1.6E-01	5.5E-03	4.9E-12	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.8E-12
4.2E+01	1.9E-07	1.0E-03	8.3E-09	1.6E-01	5.5E-03	7.1E-12	2.6E+01	6.0E-07	1.0E-03	1.6E-08	1.6E-01	5.5E-03	1.4E-11
6.4E+01	1.9E-07	1.0E-03	1.3E-08	1.6E-01	5.5E-03	1.1E-11	3.8E+01	6.0E-07	1.0E-03	2.4E-08	1.6E-01	5.5E-03	2.0E-11
4.2E+01	1.9E-07	1.0E-03	8.4E-09	1.6E-01	5.5E-03	7.2E-12	1.2E+01	6.0E-07	1.0E-03	7.8E-09	1.6E-01	5.5E-03	6.7E-12
5.7E+01	1.9E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.8E-12	1.8E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-03	9.9E-12
1.3E+01	1.9E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.3E-12	1.9E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.0E-11
1.1E+01	1.9E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	1.6E+01	6.0E-07	1.0E-03	9.9E-09	1.6E-01	5.5E-03	8.5E-12
1.0E+01	1.9E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	1.3E+01	6.0E-07	1.0E-03	8.3E-09	1.6E-01	5.5E-03	7.1E-12
8.8E+00	1.9E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	1.1E+01	6.0E-07	1.0E-03	7.0E-09	1.6E-01	5.5E-03	6.0E-12
7.7E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	9.6E+00	6.0E-07	1.0E-03	6.0E-09	1.6E-01	5.5E-03	5.2E-12
6.9E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	8.3E+00	6.0E-07	1.0E-03	5.2E-09	1.6E-01	5.5E-03	4.5E-12
6.1E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12	7.3E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	5.5E-03	3.9E-12
5.5E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.5E-13	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-03	3.5E-12
5.0E+00	1.9E-07	1.0E-03	9.9E-10	1.6E-01	5.5E-03	8.6E-13	5.7E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-03	3.1E-12
4.5E+00	1.9E-07	1.0E-03	9.0E-10	1.6E-01	5.5E-03	7.8E-13	5.1E+00	6.0E-07	1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.8E-12
3.1E+01	1.9E-07	1.0E-03	6.2E-09	1.6E-01	5.5E-03	5.3E-12	1.6E+01	6.0E-07	1.0E-03	1.0E-08	1.6E-01	5.5E-03	8.9E-12

4.5E+01	1.9E-07	1.0E-03	9.0E-09	1.6E-01	5.5E-03	7.8E-12	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11
7.1E+01	1.9E-07	1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11	3.1E+01	6.0E-07	1.0E-03	1.9E-08	1.6E-01	5.5E-03	1.7E-11
1.7E+01	1.9E-07	1.0E-03	3.3E-09	1.6E-01	5.5E-03	2.8E-12	4.5E+01	6.0E-07	1.0E-03	2.8E-08	1.6E-01	5.5E-03	2.4E-11
2.0E+01	1.9E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-03	3.5E-12	1.5E+01	6.0E-07	1.0E-03	9.6E-09	1.6E-01	5.5E-03	8.3E-12
1.3E+01	1.9E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.2E-12	1.7E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.3E-12
1.1E+01	1.9E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	1.4E+01	6.0E-07	1.0E-03	9.0E-09	1.6E-01	5.5E-03	7.8E-12
9.8E+00	1.9E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	1.2E+01	6.0E-07	1.0E-03	7.6E-09	1.6E-01	5.5E-03	6.6E-12
8.6E+00	1.9E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	1.0E+01	6.0E-07	1.0E-03	6.5E-09	1.6E-01	5.5E-03	5.6E-12
7.6E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	9.0E+00	6.0E-07	1.0E-03	5.6E-09	1.6E-01	5.5E-03	4.8E-12
6.7E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.2E-12	7.8E+00	6.0E-07	1.0E-03	4.9E-09	1.6E-01	5.5E-03	4.2E-12
6.0E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	6.9E+00	6.0E-07	1.0E-03	4.3E-09	1.6E-01	5.5E-03	3.7E-12
5.4E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.2E-13	6.1E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	5.5E-03	3.3E-12
4.9E+00	1.9E-07	1.0E-03	9.6E-10	1.6E-01	5.5E-03	8.3E-13	5.4E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-03	2.9E-12
4.4E+00	1.9E-07	1.0E-03	8.8E-10	1.6E-01	5.5E-03	7.5E-13	4.9E+00	6.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-03	2.6E-12
3.2E+01	1.9E-07	1.0E-03	6.4E-09	1.6E-01	5.5E-03	5.5E-12	1.5E+01	6.0E-07	1.0E-03	9.1E-09	1.6E-01	5.5E-03	7.9E-12
4.7E+01	1.9E-07	1.0E-03	9.4E-09	1.6E-01	5.5E-03	8.1E-12	1.9E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.0E-11
7.5E+01	1.9E-07	1.0E-03	1.5E-08	1.6E-01	5.5E-03	1.3E-11	2.5E+01	6.0E-07	1.0E-03	1.6E-08	1.6E-01	5.5E-03	1.3E-11
6.2E+01	1.9E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.1E-11	3.3E+01	6.0E-07	1.0E-03	2.1E-08	1.6E-01	5.5E-03	1.8E-11
3.4E+01	1.9E-07	1.0E-03	6.7E-09	1.6E-01	5.5E-03	5.8E-12	4.4E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	5.5E-03	2.4E-11
1.3E+01	1.9E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.2E-12	1.5E+01	6.0E-07	1.0E-03	9.6E-09	1.6E-01	5.5E-03	8.3E-12
1.1E+01	1.9E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	1.3E+01	6.0E-07	1.0E-03	8.1E-09	1.6E-01	5.5E-03	7.0E-12
9.5E+00	1.9E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12	1.1E+01	6.0E-07	1.0E-03	7.0E-09	1.6E-01	5.5E-03	6.0E-12
8.3E+00	1.9E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.4E-12	9.6E+00	6.0E-07	1.0E-03	6.0E-09	1.6E-01	5.5E-03	5.2E-12
7.3E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	8.3E+00	6.0E-07	1.0E-03	5.2E-09	1.6E-01	5.5E-03	4.5E-12
6.5E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	7.3E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	5.5E-03	3.9E-12
5.8E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	9.9E-13	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-03	3.5E-12
5.2E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.9E-13	5.7E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-03	3.1E-12
4.7E+00	1.9E-07	1.0E-03	9.3E-10	1.6E-01	5.5E-03	8.0E-13	5.1E+00	6.0E-07	1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.8E-12
4.3E+00	1.9E-07	1.0E-03	8.5E-10	1.6E-01	5.5E-03	7.3E-13	4.6E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12
3.2E+01	1.9E-07	1.0E-03	6.3E-09	1.6E-01	5.5E-03	5.5E-12	1.3E+01	6.0E-07	1.0E-03	7.9E-09	1.6E-01	5.5E-03	6.8E-12
4.7E+01	1.9E-07	1.0E-03	9.4E-09	1.6E-01	5.5E-03	8.1E-12	1.6E+01	6.0E-07	1.0E-03	9.8E-09	1.6E-01	5.5E-03	8.4E-12
7.4E+01	1.9E-07	1.0E-03	1.5E-08	1.6E-01	5.5E-03	1.3E-11	2.0E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.1E-11
6.2E+01	1.9E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.1E-11	2.4E+01	6.0E-07	1.0E-03	1.5E-08	1.6E-01	5.5E-03	1.3E-11
3.0E+01	1.9E-07	1.0E-03	5.9E-09	1.6E-01	5.5E-03	5.1E-12	3.0E+01	6.0E-07	1.0E-03	1.9E-08	1.6E-01	5.5E-03	1.6E-11
1.2E+01	1.9E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12	1.3E+01	6.0E-07	1.0E-03	8.4E-09	1.6E-01	5.5E-03	7.3E-12
1.1E+01	1.9E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12	1.2E+01	6.0E-07	1.0E-03	7.3E-09	1.6E-01	5.5E-03	6.3E-12
9.1E+00	1.9E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.6E-12	1.0E+01	6.0E-07	1.0E-03	6.3E-09	1.6E-01	5.5E-03	5.4E-12
8.0E+00	1.9E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	8.7E+00	6.0E-07	1.0E-03	5.5E-09	1.6E-01	5.5E-03	4.7E-12
7.0E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	7.7E+00	6.0E-07	1.0E-03	4.8E-09	1.6E-01	5.5E-03	4.1E-12
6.2E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12	6.8E+00	6.0E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-03	3.6E-12
5.6E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.6E-13	6.0E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	5.5E-03	3.2E-12
5.0E+00	1.9E-07	1.0E-03	9.9E-10	1.6E-01	5.5E-03	8.6E-13	5.3E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-03	2.9E-12
4.5E+00	1.9E-07	1.0E-03	9.0E-10	1.6E-01	5.5E-03	7.7E-13	4.8E+00	6.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-03	2.6E-12
4.1E+00	1.9E-07	1.0E-03	8.1E-10	1.6E-01	5.5E-03	7.0E-13	4.3E+00	6.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-03	2.3E-12
3.0E+01	1.9E-07	1.0E-03	6.0E-09	1.6E-01	5.5E-03	5.2E-12	1.1E+01	6.0E-07	1.0E-03	6.7E-09	1.6E-01	5.5E-03	5.8E-12
4.5E+01	1.9E-07	1.0E-03	8.9E-09	1.6E-01	5.5E-03	7.6E-12	1.3E+01	6.0E-07	1.0E-03	8.1E-09	1.6E-01	5.5E-03	7.0E-12

7.0E+01	1.9E-07	1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11	1.6E+01	6.0E-07	1.0E-03	9.9E-09	1.6E-01	5.5E-03	8.5E-12
1.5E+01	1.9E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-03	2.6E-12	1.9E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.0E-11
1.8E+01	1.9E-07	1.0E-03	3.5E-09	1.6E-01	5.5E-03	3.0E-12	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11
1.2E+01	1.9E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	1.2E+01	6.0E-07	1.0E-03	7.4E-09	1.6E-01	5.5E-03	6.4E-12
1.0E+01	1.9E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	1.0E+01	6.0E-07	1.0E-03	6.5E-09	1.6E-01	5.5E-03	5.6E-12
8.7E+00	1.9E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	9.0E+00	6.0E-07	1.0E-03	5.7E-09	1.6E-01	5.5E-03	4.9E-12
7.6E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	7.9E+00	6.0E-07	1.0E-03	5.0E-09	1.6E-01	5.5E-03	4.3E-12
6.7E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	7.0E+00	6.0E-07	1.0E-03	4.4E-09	1.6E-01	5.5E-03	3.8E-12
6.0E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	6.2E+00	6.0E-07	1.0E-03	3.9E-09	1.6E-01	5.5E-03	3.4E-12
5.3E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.1E-13	5.6E+00	6.0E-07	1.0E-03	3.5E-09	1.6E-01	5.5E-03	3.0E-12
4.8E+00	1.9E-07	1.0E-03	9.5E-10	1.6E-01	5.5E-03	8.2E-13	5.0E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-03	2.7E-12
4.3E+00	1.9E-07	1.0E-03	8.6E-10	1.6E-01	5.5E-03	7.4E-13	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12
3.9E+00	1.9E-07	1.0E-03	7.8E-10	1.6E-01	5.5E-03	6.7E-13	4.1E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.2E-12
2.8E+01	1.9E-07	1.0E-03	5.5E-09	1.6E-01	5.5E-03	4.7E-12	9.1E+00	6.0E-07	1.0E-03	5.7E-09	1.6E-01	5.5E-03	4.9E-12
4.0E+01	1.9E-07	1.0E-03	7.9E-09	1.6E-01	5.5E-03	6.8E-12	1.1E+01	6.0E-07	1.0E-03	6.7E-09	1.6E-01	5.5E-03	5.8E-12
6.1E+01	1.9E-07	1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.0E-11	1.3E+01	6.0E-07	1.0E-03	7.9E-09	1.6E-01	5.5E-03	6.8E-12
3.9E+01	1.9E-07	1.0E-03	7.7E-09	1.6E-01	5.5E-03	6.6E-12	1.5E+01	6.0E-07	1.0E-03	9.3E-09	1.6E-01	5.5E-03	8.0E-12
5.0E+01	1.9E-07	1.0E-03	1.0E-08	1.6E-01	5.5E-03	8.6E-12	1.7E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.3E-12
1.1E+01	1.9E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12	1.0E+01	6.0E-07	1.0E-03	6.5E-09	1.6E-01	5.5E-03	5.6E-12
9.3E+00	1.9E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12	9.1E+00	6.0E-07	1.0E-03	5.7E-09	1.6E-01	5.5E-03	4.9E-12
8.2E+00	1.9E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	8.1E+00	6.0E-07	1.0E-03	5.1E-09	1.6E-01	5.5E-03	4.4E-12
7.2E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	7.2E+00	6.0E-07	1.0E-03	4.5E-09	1.6E-01	5.5E-03	3.9E-12
6.3E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-03	3.5E-12
5.7E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.7E-13	5.8E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-03	3.1E-12
5.1E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.7E-13	5.2E+00	6.0E-07	1.0E-03	3.3E-09	1.6E-01	5.5E-03	2.8E-12
4.6E+00	1.9E-07	1.0E-03	9.1E-10	1.6E-01	5.5E-03	7.8E-13	4.7E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12
4.1E+00	1.9E-07	1.0E-03	8.2E-10	1.6E-01	5.5E-03	7.1E-13	4.2E+00	6.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-03	2.3E-12
3.7E+00	1.9E-07	1.0E-03	7.4E-10	1.6E-01	5.5E-03	6.4E-13	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12
2.4E+01	1.9E-07	1.0E-03	4.8E-09	1.6E-01	5.5E-03	4.1E-12	7.8E+00	6.0E-07	1.0E-03	4.9E-09	1.6E-01	5.5E-03	4.2E-12
3.4E+01	1.9E-07	1.0E-03	6.7E-09	1.6E-01	5.5E-03	5.8E-12	9.0E+00	6.0E-07	1.0E-03	5.6E-09	1.6E-01	5.5E-03	4.9E-12
5.0E+01	1.9E-07	1.0E-03	9.8E-09	1.6E-01	5.5E-03	8.5E-12	1.0E+01	6.0E-07	1.0E-03	6.5E-09	1.6E-01	5.5E-03	5.6E-12
2.6E+01	1.9E-07	1.0E-03	5.1E-09	1.6E-01	5.5E-03	4.4E-12	1.2E+01	6.0E-07	1.0E-03	7.5E-09	1.6E-01	5.5E-03	6.5E-12
3.1E+01	1.9E-07	1.0E-03	6.1E-09	1.6E-01	5.5E-03	5.2E-12	1.4E+01	6.0E-07	1.0E-03	8.6E-09	1.6E-01	5.5E-03	7.4E-12
9.9E+00	1.9E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	9.1E+00	6.0E-07	1.0E-03	5.7E-09	1.6E-01	5.5E-03	4.9E-12
8.7E+00	1.9E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	8.1E+00	6.0E-07	1.0E-03	5.1E-09	1.6E-01	5.5E-03	4.4E-12
7.6E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	7.3E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	5.5E-03	3.9E-12
6.7E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.2E-12	6.6E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	5.5E-03	3.5E-12
6.0E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	5.9E+00	6.0E-07	1.0E-03	3.7E-09	1.6E-01	5.5E-03	3.2E-12
5.3E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.1E-13	5.3E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-03	2.9E-12
4.8E+00	1.9E-07	1.0E-03	9.5E-10	1.6E-01	5.5E-03	8.2E-13	4.8E+00	6.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-03	2.6E-12
4.3E+00	1.9E-07	1.0E-03	8.6E-10	1.6E-01	5.5E-03	7.4E-13	4.4E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12
3.9E+00	1.9E-07	1.0E-03	7.8E-10	1.6E-01	5.5E-03	6.7E-13	4.0E+00	6.0E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.2E-12
3.6E+00	1.9E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-03	6.1E-13	3.6E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12
2.0E+01	1.9E-07	1.0E-03	4.1E-09	1.6E-01	5.5E-03	3.5E-12	6.7E+00	6.0E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-03	3.6E-12
2.7E+01	1.9E-07	1.0E-03	5.4E-09	1.6E-01	5.5E-03	4.7E-12	7.7E+00	6.0E-07	1.0E-03	4.8E-09	1.6E-01	5.5E-03	4.2E-12
3.8E+01	1.9E-07	1.0E-03	7.5E-09	1.6E-01	5.5E-03	6.5E-12	8.8E+00	6.0E-07	1.0E-03	5.5E-09	1.6E-01	5.5E-03	4.7E-12

5.3E+01	1.9E-07	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.1E-12	1.0E+01	6.0E-07	1.0E-03	6.3E-09	1.6E-01	5.5E-03	5.4E-12
2.0E+01	1.9E-07	1.0E-03	4.1E-09	1.6E-01	5.5E-03	3.5E-12	1.1E+01	6.0E-07	1.0E-03	7.0E-09	1.6E-01	5.5E-03	6.0E-12
9.1E+00	1.9E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.6E-12	8.0E+00	6.0E-07	1.0E-03	5.0E-09	1.6E-01	5.5E-03	4.3E-12
8.0E+00	1.9E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	7.3E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	5.5E-03	3.9E-12
7.1E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	6.6E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	5.5E-03	3.6E-12
6.3E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12	6.0E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	5.5E-03	3.2E-12
5.6E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.6E-13	5.4E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-03	2.9E-12
5.0E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.6E-13	4.9E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-03	2.7E-12
4.5E+00	1.9E-07	1.0E-03	9.0E-10	1.6E-01	5.5E-03	7.8E-13	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12
4.1E+00	1.9E-07	1.0E-03	8.2E-10	1.6E-01	5.5E-03	7.0E-13	4.1E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.2E-12
3.7E+00	1.9E-07	1.0E-03	7.4E-10	1.6E-01	5.5E-03	6.4E-13	3.8E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.0E-12
3.4E+00	1.9E-07	1.0E-03	6.8E-10	1.6E-01	5.5E-03	5.8E-13	3.4E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12
1.7E+01	1.9E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-03	2.9E-12	5.9E+00	6.0E-07	1.0E-03	3.7E-09	1.6E-01	5.5E-03	3.2E-12
2.2E+01	1.9E-07	1.0E-03	4.3E-09	1.6E-01	5.5E-03	3.7E-12	6.6E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	5.5E-03	3.6E-12
2.8E+01	1.9E-07	1.0E-03	5.5E-09	1.6E-01	5.5E-03	4.7E-12	7.4E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	5.5E-03	4.0E-12
3.6E+01	1.9E-07	1.0E-03	7.1E-09	1.6E-01	5.5E-03	6.1E-12	8.3E+00	6.0E-07	1.0E-03	5.2E-09	1.6E-01	5.5E-03	4.5E-12
4.3E+01	1.9E-07	1.0E-03	8.4E-09	1.6E-01	5.5E-03	7.3E-12	9.2E+00	6.0E-07	1.0E-03	5.8E-09	1.6E-01	5.5E-03	5.0E-12
8.3E+00	1.9E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.4E-12	7.1E+00	6.0E-07	1.0E-03	4.5E-09	1.6E-01	5.5E-03	3.9E-12
7.4E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	6.6E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	5.5E-03	3.5E-12
6.5E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	6.0E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	5.5E-03	3.2E-12
5.8E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	5.5E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-03	3.0E-12
5.2E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	9.0E-13	5.0E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-03	2.7E-12
4.7E+00	1.9E-07	1.0E-03	9.4E-10	1.6E-01	5.5E-03	8.1E-13	4.6E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12
4.3E+00	1.9E-07	1.0E-03	8.5E-10	1.6E-01	5.5E-03	7.3E-13	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.3E-12
3.9E+00	1.9E-07	1.0E-03	7.7E-10	1.6E-01	5.5E-03	6.6E-13	3.8E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12
3.5E+00	1.9E-07	1.0E-03	7.0E-10	1.6E-01	5.5E-03	6.1E-13	3.5E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12
3.2E+00	1.9E-07	1.0E-03	6.4E-10	1.6E-01	5.5E-03	5.5E-13	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12
1.4E+01	1.9E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12	5.2E+00	6.0E-07	1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.8E-12
1.7E+01	1.9E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-03	2.9E-12	5.8E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-03	3.1E-12
2.1E+01	1.9E-07	1.0E-03	4.2E-09	1.6E-01	5.5E-03	3.6E-12	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-03	3.5E-12
2.5E+01	1.9E-07	1.0E-03	5.0E-09	1.6E-01	5.5E-03	4.3E-12	7.1E+00	6.0E-07	1.0E-03	4.4E-09	1.6E-01	5.5E-03	3.8E-12
2.8E+01	1.9E-07	1.0E-03	5.6E-09	1.6E-01	5.5E-03	4.8E-12	7.8E+00	6.0E-07	1.0E-03	4.9E-09	1.6E-01	5.5E-03	4.2E-12
7.6E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-03	3.5E-12
6.8E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.2E-12	5.9E+00	6.0E-07	1.0E-03	3.7E-09	1.6E-01	5.5E-03	3.2E-12
6.0E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	5.4E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	5.5E-03	2.9E-12
5.4E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.2E-13	5.0E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-03	2.7E-12
4.9E+00	1.9E-07	1.0E-03	9.6E-10	1.6E-01	5.5E-03	8.3E-13	4.6E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12
4.4E+00	1.9E-07	1.0E-03	8.7E-10	1.6E-01	5.5E-03	7.5E-13	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.3E-12
4.0E+00	1.9E-07	1.0E-03	7.9E-10	1.6E-01	5.5E-03	6.8E-13	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12
3.7E+00	1.9E-07	1.0E-03	7.3E-10	1.6E-01	5.5E-03	6.3E-13	3.6E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-03	1.9E-12
3.3E+00	1.9E-07	1.0E-03	6.6E-10	1.6E-01	5.5E-03	5.7E-13	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12
3.0E+00	1.9E-07	1.0E-03	6.1E-10	1.6E-01	5.5E-03	5.2E-13	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12
1.2E+01	1.9E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	4.6E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12
1.4E+01	1.9E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-03	2.3E-12	5.1E+00	6.0E-07	1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.7E-12
1.6E+01	1.9E-07	1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.8E-12	5.6E+00	6.0E-07	1.0E-03	3.5E-09	1.6E-01	5.5E-03	3.0E-12
1.8E+01	1.9E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-03	3.1E-12	6.1E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	5.5E-03	3.3E-12

2.0E+01	1.9E-07	1.0E-03	4.0E-09	1.6E-01	5.5E-03	3.4E-12	6.6E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	5.5E-03	3.6E-12
6.9E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	5.7E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-03	3.1E-12
6.2E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12	5.3E+00	6.0E-07	1.0E-03	3.3E-09	1.6E-01	5.5E-03	2.9E-12
5.5E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.5E-13	4.9E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-03	2.7E-12
5.0E+00	1.9E-07	1.0E-03	9.9E-10	1.6E-01	5.5E-03	8.5E-13	4.6E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12
4.5E+00	1.9E-07	1.0E-03	8.9E-10	1.6E-01	5.5E-03	7.6E-13	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.3E-12
4.0E+00	1.9E-07	1.0E-03	8.0E-10	1.6E-01	5.5E-03	6.9E-13	3.8E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12
3.7E+00	1.9E-07	1.0E-03	7.3E-10	1.6E-01	5.5E-03	6.3E-13	3.6E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12
3.4E+00	1.9E-07	1.0E-03	6.7E-10	1.6E-01	5.5E-03	5.8E-13	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12
3.1E+00	1.9E-07	1.0E-03	6.2E-10	1.6E-01	5.5E-03	5.3E-13	3.1E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.7E-12
2.9E+00	1.9E-07	1.0E-03	5.7E-10	1.6E-01	5.5E-03	4.9E-13	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.5E-12
9.6E+00	1.9E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12	4.1E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.2E-12
1.1E+01	1.9E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12
1.3E+01	1.9E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.2E-12	4.9E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-03	2.7E-12
1.4E+01	1.9E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12	5.3E+00	6.0E-07	1.0E-03	3.3E-09	1.6E-01	5.5E-03	2.9E-12
1.5E+01	1.9E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-03	2.6E-12	5.7E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	5.5E-03	3.1E-12
5.7E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.7E-13	4.9E+00	6.0E-07	1.0E-03	3.0E-09	1.6E-01	5.5E-03	2.6E-12
5.1E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.8E-13	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12
4.6E+00	1.9E-07	1.0E-03	9.2E-10	1.6E-01	5.5E-03	7.9E-13	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.3E-12
4.1E+00	1.9E-07	1.0E-03	8.1E-10	1.6E-01	5.5E-03	6.9E-13	3.8E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.0E-12
3.7E+00	1.9E-07	1.0E-03	7.3E-10	1.6E-01	5.5E-03	6.3E-13	3.5E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12
3.4E+00	1.9E-07	1.0E-03	6.7E-10	1.6E-01	5.5E-03	5.8E-13	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12
3.1E+00	1.9E-07	1.0E-03	6.2E-10	1.6E-01	5.5E-03	5.3E-13	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12
2.9E+00	1.9E-07	1.0E-03	5.7E-10	1.6E-01	5.5E-03	4.9E-13	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.5E-12
2.7E+00	1.9E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-03	4.6E-13	2.6E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.4E-12
8.2E+00	1.9E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	3.7E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12
9.3E+00	1.9E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.6E-12	4.0E+00	6.0E-07	1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.2E-12
1.0E+01	1.9E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.8E-12	4.3E+00	6.0E-07	1.0E-03	2.7E-09	1.6E-01	5.5E-03	2.3E-12
1.1E+01	1.9E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	4.7E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12
1.2E+01	1.9E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.0E-12	5.0E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	5.5E-03	2.7E-12
4.8E+00	1.9E-07	1.0E-03	9.5E-10	1.6E-01	5.5E-03	8.2E-13	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.3E-12
4.3E+00	1.9E-07	1.0E-03	8.6E-10	1.6E-01	5.5E-03	7.4E-13	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12
3.9E+00	1.9E-07	1.0E-03	7.8E-10	1.6E-01	5.5E-03	6.7E-13	3.6E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12
3.6E+00	1.9E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-03	6.1E-13	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12
3.3E+00	1.9E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-03	5.6E-13	3.1E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.7E-12
3.0E+00	1.9E-07	1.0E-03	5.9E-10	1.6E-01	5.5E-03	5.1E-13	2.9E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.6E-12
2.7E+00	1.9E-07	1.0E-03	5.4E-10	1.6E-01	5.5E-03	4.7E-13	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.4E-12
2.5E+00	1.9E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-03	4.3E-13	2.5E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12
7.0E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12
7.8E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	3.6E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-03	1.9E-12
8.5E+00	1.9E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12
9.1E+00	1.9E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.6E-12	4.1E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.2E-12
9.7E+00	1.9E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.7E-12	4.4E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12
4.1E+00	1.9E-07	1.0E-03	8.1E-10	1.6E-01	5.5E-03	7.0E-13	3.6E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12
3.8E+00	1.9E-07	1.0E-03	7.5E-10	1.6E-01	5.5E-03	6.5E-13	3.4E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.9E-12
3.5E+00	1.9E-07	1.0E-03	6.9E-10	1.6E-01	5.5E-03	6.0E-13	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12

3.2E+00	1.9E-07	1.0E-03	6.3E-10	1.6E-01	5.5E-03	5.4E-13	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12
2.9E+00	1.9E-07	1.0E-03	5.8E-10	1.6E-01	5.5E-03	5.0E-13	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.5E-12
2.7E+00	1.9E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-03	4.6E-13	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12
2.4E+00	1.9E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-03	4.2E-13	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12
6.0E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12
6.6E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	3.3E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.8E-12
7.1E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	3.5E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12
7.6E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	3.7E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12
8.0E+00	1.9E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12
3.5E+00	1.9E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-03	6.1E-13	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12
3.3E+00	1.9E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-03	5.6E-13	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12
3.0E+00	1.9E-07	1.0E-03	6.0E-10	1.6E-01	5.5E-03	5.2E-13	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.5E-12
2.8E+00	1.9E-07	1.0E-03	5.6E-10	1.6E-01	5.5E-03	4.8E-13	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.4E-12
2.6E+00	1.9E-07	1.0E-03	5.1E-10	1.6E-01	5.5E-03	4.4E-13	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.3E-12
2.4E+00	1.9E-07	1.0E-03	4.7E-10	1.6E-01	5.5E-03	4.1E-13	2.3E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.2E-12
5.2E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.9E-13	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12
5.7E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.7E-13	2.9E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.6E-12
6.1E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	3.1E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12
6.5E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12
6.8E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.2E-12	3.5E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12
3.3E+00	1.9E-07	1.0E-03	6.6E-10	1.6E-01	5.5E-03	5.7E-13	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12
3.1E+00	1.9E-07	1.0E-03	6.2E-10	1.6E-01	5.5E-03	5.3E-13	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.5E-12
2.9E+00	1.9E-07	1.0E-03	5.7E-10	1.6E-01	5.5E-03	4.9E-13	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.4E-12
2.7E+00	1.9E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-03	4.6E-13	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12
2.5E+00	1.9E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-03	4.2E-13	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12
2.3E+00	1.9E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-03	3.9E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12
4.6E+00	1.9E-07	1.0E-03	9.1E-10	1.6E-01	5.5E-03	7.8E-13	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12
4.9E+00	1.9E-07	1.0E-03	9.8E-10	1.6E-01	5.5E-03	8.4E-13	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.4E-12
5.3E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	9.0E-13	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.5E-12
5.6E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.5E-13	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12
5.8E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	9.9E-13	3.1E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12
3.1E+00	1.9E-07	1.0E-03	6.2E-10	1.6E-01	5.5E-03	5.4E-13	2.8E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12
2.9E+00	1.9E-07	1.0E-03	5.8E-10	1.6E-01	5.5E-03	5.0E-13	2.6E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.4E-12
2.7E+00	1.9E-07	1.0E-03	5.4E-10	1.6E-01	5.5E-03	4.7E-13	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12
2.5E+00	1.9E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-03	4.3E-13	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12
2.4E+00	1.9E-07	1.0E-03	4.7E-10	1.6E-01	5.5E-03	4.1E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12
2.2E+00	1.9E-07	1.0E-03	4.4E-10	1.6E-01	5.5E-03	3.8E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
4.1E+00	1.9E-07	1.0E-03	8.1E-10	1.6E-01	5.5E-03	6.9E-13	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12
4.3E+00	1.9E-07	1.0E-03	8.6E-10	1.6E-01	5.5E-03	7.4E-13	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12
4.6E+00	1.9E-07	1.0E-03	9.1E-10	1.6E-01	5.5E-03	7.9E-13	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12
4.8E+00	1.9E-07	1.0E-03	9.6E-10	1.6E-01	5.5E-03	8.3E-13	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12
5.0E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.6E-13	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.5E-12
3.0E+00	1.9E-07	1.0E-03	5.9E-10	1.6E-01	5.5E-03	5.1E-13	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12
2.8E+00	1.9E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-03	4.7E-13	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.3E-12
2.6E+00	1.9E-07	1.0E-03	5.1E-10	1.6E-01	5.5E-03	4.4E-13	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12
2.4E+00	1.9E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-03	4.1E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12

2.3E+00	1.9E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-03	3.9E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.2E-12
2.1E+00	1.9E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-03	3.6E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
3.6E+00	1.9E-07	1.0E-03	7.2E-10	1.6E-01	5.5E-03	6.2E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
3.8E+00	1.9E-07	1.0E-03	7.6E-10	1.6E-01	5.5E-03	6.6E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12
4.1E+00	1.9E-07	1.0E-03	8.1E-10	1.6E-01	5.5E-03	6.9E-13	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12
4.3E+00	1.9E-07	1.0E-03	8.5E-10	1.6E-01	5.5E-03	7.3E-13	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.3E-12
4.4E+00	1.9E-07	1.0E-03	8.8E-10	1.6E-01	5.5E-03	7.6E-13	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12
2.8E+00	1.9E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-03	4.8E-13	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12
2.6E+00	1.9E-07	1.0E-03	5.2E-10	1.6E-01	5.5E-03	4.5E-13	2.3E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12
2.5E+00	1.9E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-03	4.2E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12
2.3E+00	1.9E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-03	3.9E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
2.2E+00	1.9E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-03	3.7E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
2.0E+00	1.9E-07	1.0E-03	4.0E-10	1.6E-01	5.5E-03	3.5E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12
3.2E+00	1.9E-07	1.0E-03	6.4E-10	1.6E-01	5.5E-03	5.5E-13	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12
3.4E+00	1.9E-07	1.0E-03	6.8E-10	1.6E-01	5.5E-03	5.9E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
3.6E+00	1.9E-07	1.0E-03	7.2E-10	1.6E-01	5.5E-03	6.2E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12
3.8E+00	1.9E-07	1.0E-03	7.5E-10	1.6E-01	5.5E-03	6.5E-13	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12
3.9E+00	1.9E-07	1.0E-03	7.8E-10	1.6E-01	5.5E-03	6.7E-13	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12
4.0E+00	1.9E-07	1.0E-03	8.0E-10	1.6E-01	5.5E-03	6.9E-13	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12
4.1E+00	1.9E-07	1.0E-03	8.1E-10	1.6E-01	5.5E-03	7.0E-13	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12
4.1E+00	1.9E-07	1.0E-03	8.2E-10	1.6E-01	5.5E-03	7.1E-13	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12
4.1E+00	1.9E-07	1.0E-03	8.2E-10	1.6E-01	5.5E-03	7.1E-13	2.6E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.4E-12
4.1E+00	1.9E-07	1.0E-03	8.2E-10	1.6E-01	5.5E-03	7.0E-13	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.4E-12
4.0E+00	1.9E-07	1.0E-03	8.0E-10	1.6E-01	5.5E-03	6.9E-13	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12
3.9E+00	1.9E-07	1.0E-03	7.8E-10	1.6E-01	5.5E-03	6.8E-13	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12
3.8E+00	1.9E-07	1.0E-03	7.6E-10	1.6E-01	5.5E-03	6.6E-13	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12
3.7E+00	1.9E-07	1.0E-03	7.4E-10	1.6E-01	5.5E-03	6.3E-13	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12
3.6E+00	1.9E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-03	6.1E-13	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.4E-12
3.4E+00	1.9E-07	1.0E-03	6.8E-10	1.6E-01	5.5E-03	5.8E-13	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12
3.3E+00	1.9E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-03	5.6E-13	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12
3.1E+00	1.9E-07	1.0E-03	6.1E-10	1.6E-01	5.5E-03	5.3E-13	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.3E-12
2.9E+00	1.9E-07	1.0E-03	5.8E-10	1.6E-01	5.5E-03	5.0E-13	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12
2.8E+00	1.9E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-03	4.7E-13	2.3E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12
2.6E+00	1.9E-07	1.0E-03	5.2E-10	1.6E-01	5.5E-03	4.5E-13	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12
2.5E+00	1.9E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-03	4.2E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12
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2.2E+00	1.9E-07	1.0E-03	4.4E-10	1.6E-01	5.5E-03	3.8E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
2.1E+00	1.9E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-03	3.5E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12
1.9E+00	1.9E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-03	3.3E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.9E-13
2.9E+00	1.9E-07	1.0E-03	5.8E-10	1.6E-01	5.5E-03	5.0E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.8E-13
3.1E+00	1.9E-07	1.0E-03	6.1E-10	1.6E-01	5.5E-03	5.3E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12
3.2E+00	1.9E-07	1.0E-03	6.4E-10	1.6E-01	5.5E-03	5.5E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
3.4E+00	1.9E-07	1.0E-03	6.7E-10	1.6E-01	5.5E-03	5.8E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
3.5E+00	1.9E-07	1.0E-03	6.9E-10	1.6E-01	5.5E-03	6.0E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12
3.6E+00	1.9E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-03	6.1E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12
3.7E+00	1.9E-07	1.0E-03	7.3E-10	1.6E-01	5.5E-03	6.3E-13	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12

3.7E+00	1.9E-07	1.0E-03	7.4E-10	1.6E-01	5.5E-03	6.3E-13	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12
3.7E+00	1.9E-07	1.0E-03	7.4E-10	1.6E-01	5.5E-03	6.3E-13	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12
3.7E+00	1.9E-07	1.0E-03	7.3E-10	1.6E-01	5.5E-03	6.3E-13	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12
3.6E+00	1.9E-07	1.0E-03	7.2E-10	1.6E-01	5.5E-03	6.2E-13	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.3E-12
3.6E+00	1.9E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-03	6.1E-13	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.3E-12
3.5E+00	1.9E-07	1.0E-03	6.9E-10	1.6E-01	5.5E-03	6.0E-13	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.3E-12
3.4E+00	1.9E-07	1.0E-03	6.7E-10	1.6E-01	5.5E-03	5.8E-13	2.5E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12
3.3E+00	1.9E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-03	5.6E-13	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12
3.1E+00	1.9E-07	1.0E-03	6.3E-10	1.6E-01	5.5E-03	5.4E-13	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12
3.0E+00	1.9E-07	1.0E-03	6.0E-10	1.6E-01	5.5E-03	5.2E-13	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12
2.9E+00	1.9E-07	1.0E-03	5.7E-10	1.6E-01	5.5E-03	4.9E-13	2.3E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12
2.7E+00	1.9E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-03	4.7E-13	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12
2.6E+00	1.9E-07	1.0E-03	5.2E-10	1.6E-01	5.5E-03	4.5E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12
2.5E+00	1.9E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-03	4.2E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
2.3E+00	1.9E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-03	4.0E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
2.2E+00	1.9E-07	1.0E-03	4.4E-10	1.6E-01	5.5E-03	3.8E-13	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12
2.1E+00	1.9E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-03	3.6E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12
2.0E+00	1.9E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-03	3.4E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.8E-13
1.9E+00	1.9E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-03	3.2E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.4E-13
2.7E+00	1.9E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-03	4.5E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.1E-13
2.8E+00	1.9E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-03	4.8E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.5E-13
2.9E+00	1.9E-07	1.0E-03	5.8E-10	1.6E-01	5.5E-03	5.0E-13	1.8E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12
3.0E+00	1.9E-07	1.0E-03	6.0E-10	1.6E-01	5.5E-03	5.2E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12
3.1E+00	1.9E-07	1.0E-03	6.2E-10	1.6E-01	5.5E-03	5.4E-13	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12
3.2E+00	1.9E-07	1.0E-03	6.4E-10	1.6E-01	5.5E-03	5.5E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
3.3E+00	1.9E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-03	5.6E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
3.3E+00	1.9E-07	1.0E-03	6.6E-10	1.6E-01	5.5E-03	5.7E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12
3.3E+00	1.9E-07	1.0E-03	6.6E-10	1.6E-01	5.5E-03	5.7E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12
3.3E+00	1.9E-07	1.0E-03	6.6E-10	1.6E-01	5.5E-03	5.7E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12
3.3E+00	1.9E-07	1.0E-03	6.6E-10	1.6E-01	5.5E-03	5.7E-13	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12
3.3E+00	1.9E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-03	5.6E-13	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12
3.2E+00	1.9E-07	1.0E-03	6.3E-10	1.6E-01	5.5E-03	5.4E-13	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12
3.1E+00	1.9E-07	1.0E-03	6.2E-10	1.6E-01	5.5E-03	5.3E-13	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12
3.0E+00	1.9E-07	1.0E-03	6.0E-10	1.6E-01	5.5E-03	5.2E-13	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12
2.9E+00	1.9E-07	1.0E-03	5.8E-10	1.6E-01	5.5E-03	5.0E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12
2.8E+00	1.9E-07	1.0E-03	5.6E-10	1.6E-01	5.5E-03	4.8E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12
2.7E+00	1.9E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-03	4.6E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12
2.6E+00	1.9E-07	1.0E-03	5.1E-10	1.6E-01	5.5E-03	4.4E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
2.4E+00	1.9E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-03	4.2E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
2.3E+00	1.9E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-03	4.0E-13	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12
2.2E+00	1.9E-07	1.0E-03	4.4E-10	1.6E-01	5.5E-03	3.8E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12
2.1E+00	1.9E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-03	3.6E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12
2.0E+00	1.9E-07	1.0E-03	4.0E-10	1.6E-01	5.5E-03	3.4E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.7E-13
1.9E+00	1.9E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-03	3.2E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.3E-13
1.8E+00	1.9E-07	1.0E-03	3.5E-10	1.6E-01	5.5E-03	3.1E-13	1.7E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.9E-13
2.4E+00	1.9E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-03	4.1E-13	1.6E+00	6.0E-07	1.0E-03	9.8E-10	1.6E-01	5.5E-03	8.5E-13

2.5E+00	1.9E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-03	4.3E-13	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.9E-13
2.6E+00	1.9E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-03	4.5E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.2E-13
2.7E+00	1.9E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-03	4.7E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.6E-13
2.8E+00	1.9E-07	1.0E-03	5.6E-10	1.6E-01	5.5E-03	4.9E-13	1.8E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	9.9E-13
2.9E+00	1.9E-07	1.0E-03	5.8E-10	1.6E-01	5.5E-03	5.0E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12
3.0E+00	1.9E-07	1.0E-03	5.9E-10	1.6E-01	5.5E-03	5.1E-13	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12
3.0E+00	1.9E-07	1.0E-03	6.0E-10	1.6E-01	5.5E-03	5.1E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
3.0E+00	1.9E-07	1.0E-03	6.0E-10	1.6E-01	5.5E-03	5.2E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
3.0E+00	1.9E-07	1.0E-03	6.0E-10	1.6E-01	5.5E-03	5.2E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
3.0E+00	1.9E-07	1.0E-03	6.0E-10	1.6E-01	5.5E-03	5.1E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
3.0E+00	1.9E-07	1.0E-03	5.9E-10	1.6E-01	5.5E-03	5.1E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
2.9E+00	1.9E-07	1.0E-03	5.8E-10	1.6E-01	5.5E-03	5.0E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
2.9E+00	1.9E-07	1.0E-03	5.7E-10	1.6E-01	5.5E-03	4.9E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
2.8E+00	1.9E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-03	4.8E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
2.7E+00	1.9E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-03	4.6E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
2.6E+00	1.9E-07	1.0E-03	5.2E-10	1.6E-01	5.5E-03	4.4E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
2.5E+00	1.9E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-03	4.3E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
2.4E+00	1.9E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-03	4.1E-13	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12
2.3E+00	1.9E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-03	3.9E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12
2.2E+00	1.9E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-03	3.7E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12
2.1E+00	1.9E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-03	3.6E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.8E-13
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1.9E+00	1.9E-07	1.0E-03	3.8E-10	1.6E-01	5.5E-03	3.2E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.2E-13
1.8E+00	1.9E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-03	3.1E-13	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.8E-13
1.7E+00	1.9E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-03	2.9E-13	1.6E+00	6.0E-07	1.0E-03	9.9E-10	1.6E-01	5.5E-03	8.5E-13
2.2E+00	1.9E-07	1.0E-03	4.4E-10	1.6E-01	5.5E-03	3.8E-13	1.5E+00	6.0E-07	1.0E-03	9.2E-10	1.6E-01	5.5E-03	7.9E-13
2.3E+00	1.9E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-03	4.0E-13	1.5E+00	6.0E-07	1.0E-03	9.6E-10	1.6E-01	5.5E-03	8.3E-13
2.4E+00	1.9E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-03	4.1E-13	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.6E-13
2.5E+00	1.9E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-03	4.3E-13	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.9E-13
2.6E+00	1.9E-07	1.0E-03	5.1E-10	1.6E-01	5.5E-03	4.4E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.2E-13
2.6E+00	1.9E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-03	4.5E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.5E-13
2.7E+00	1.9E-07	1.0E-03	5.4E-10	1.6E-01	5.5E-03	4.6E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.8E-13
2.7E+00	1.9E-07	1.0E-03	5.4E-10	1.6E-01	5.5E-03	4.7E-13	1.8E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12
2.8E+00	1.9E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-03	4.7E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12
2.8E+00	1.9E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-03	4.7E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12
2.7E+00	1.9E-07	1.0E-03	5.5E-10	1.6E-01	5.5E-03	4.7E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12
2.7E+00	1.9E-07	1.0E-03	5.4E-10	1.6E-01	5.5E-03	4.6E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12
2.7E+00	1.9E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-03	4.6E-13	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12
2.6E+00	1.9E-07	1.0E-03	5.2E-10	1.6E-01	5.5E-03	4.5E-13	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12
2.6E+00	1.9E-07	1.0E-03	5.1E-10	1.6E-01	5.5E-03	4.4E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12
2.5E+00	1.9E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-03	4.3E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12
2.4E+00	1.9E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-03	4.1E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12
2.3E+00	1.9E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-03	4.0E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12
2.2E+00	1.9E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-03	3.8E-13	1.8E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	9.9E-13
2.2E+00	1.9E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-03	3.7E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.7E-13
2.1E+00	1.9E-07	1.0E-03	4.1E-10	1.6E-01	5.5E-03	3.5E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.5E-13

2.0E+00	1.9E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-03	3.4E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.2E-13
1.9E+00	1.9E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-03	3.2E-13	1.7E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.9E-13
1.8E+00	1.9E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-03	3.1E-13	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.7E-13
1.7E+00	1.9E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-03	2.9E-13	1.6E+00	6.0E-07	1.0E-03	9.7E-10	1.6E-01	5.5E-03	8.4E-13
1.6E+00	1.9E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-03	2.8E-13	1.5E+00	6.0E-07	1.0E-03	9.4E-10	1.6E-01	5.5E-03	8.1E-13
2.0E+00	1.9E-07	1.0E-03	4.0E-10	1.6E-01	5.5E-03	3.5E-13	1.4E+00	6.0E-07	1.0E-03	8.6E-10	1.6E-01	5.5E-03	7.4E-13
2.1E+00	1.9E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-03	3.6E-13	1.4E+00	6.0E-07	1.0E-03	9.0E-10	1.6E-01	5.5E-03	7.7E-13
2.2E+00	1.9E-07	1.0E-03	4.4E-10	1.6E-01	5.5E-03	3.8E-13	1.5E+00	6.0E-07	1.0E-03	9.3E-10	1.6E-01	5.5E-03	8.0E-13
2.3E+00	1.9E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-03	3.9E-13	1.5E+00	6.0E-07	1.0E-03	9.6E-10	1.6E-01	5.5E-03	8.3E-13
2.4E+00	1.9E-07	1.0E-03	4.7E-10	1.6E-01	5.5E-03	4.0E-13	1.6E+00	6.0E-07	1.0E-03	9.9E-10	1.6E-01	5.5E-03	8.6E-13
2.4E+00	1.9E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-03	4.1E-13	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.8E-13
2.5E+00	1.9E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-03	4.2E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.0E-13
2.5E+00	1.9E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-03	4.3E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.3E-13
2.5E+00	1.9E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-03	4.3E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.4E-13
2.5E+00	1.9E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-03	4.3E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.6E-13
2.5E+00	1.9E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-03	4.3E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.7E-13
2.5E+00	1.9E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-03	4.3E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.8E-13
2.5E+00	1.9E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-03	4.2E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.8E-13
2.4E+00	1.9E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-03	4.2E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.8E-13
2.4E+00	1.9E-07	1.0E-03	4.7E-10	1.6E-01	5.5E-03	4.1E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.8E-13
2.3E+00	1.9E-07	1.0E-03	4.6E-10	1.6E-01	5.5E-03	4.0E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.7E-13
2.3E+00	1.9E-07	1.0E-03	4.5E-10	1.6E-01	5.5E-03	3.9E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.6E-13
2.2E+00	1.9E-07	1.0E-03	4.3E-10	1.6E-01	5.5E-03	3.7E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.5E-13
2.1E+00	1.9E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-03	3.6E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.3E-13
2.0E+00	1.9E-07	1.0E-03	4.0E-10	1.6E-01	5.5E-03	3.5E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.1E-13
1.9E+00	1.9E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-03	3.3E-13	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.9E-13
1.9E+00	1.9E-07	1.0E-03	3.7E-10	1.6E-01	5.5E-03	3.2E-13	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.7E-13
1.8E+00	1.9E-07	1.0E-03	3.6E-10	1.6E-01	5.5E-03	3.1E-13	1.6E+00	6.0E-07	1.0E-03	9.8E-10	1.6E-01	5.5E-03	8.5E-13
1.7E+00	1.9E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-03	2.9E-13	1.5E+00	6.0E-07	1.0E-03	9.5E-10	1.6E-01	5.5E-03	8.2E-13
1.6E+00	1.9E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-03	2.8E-13	1.5E+00	6.0E-07	1.0E-03	9.2E-10	1.6E-01	5.5E-03	8.0E-13
1.6E+00	1.9E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-03	2.7E-13	1.4E+00	6.0E-07	1.0E-03	8.9E-10	1.6E-01	5.5E-03	7.7E-13

Franklin School Project

Risk From New Building Demo (Port. 2) - Mitigated Residential

Haul Route 1A							Haul Route 2A						
Conc	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
3.4E-01	1.2E-06	1.0E-03	4.4E-10	1.6E-01	5.5E-03	3.7E-13	3.9E+00	1.3E-07	1.0E-03	5.4E-10	1.6E-01	5.5E-03	4.6E-13
3.9E-01	1.2E-06	1.0E-03	5.0E-10	1.6E-01	5.5E-03	4.3E-13	4.4E+00	1.3E-07	1.0E-03	6.0E-10	1.6E-01	5.5E-03	5.2E-13
4.5E-01	1.2E-06	1.0E-03	5.8E-10	1.6E-01	5.5E-03	5.0E-13	4.7E+00	1.3E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-03	5.6E-13
5.2E-01	1.2E-06	1.0E-03	6.6E-10	1.6E-01	5.5E-03	5.7E-13	4.8E+00	1.3E-07	1.0E-03	6.7E-10	1.6E-01	5.5E-03	5.8E-13
5.8E-01	1.2E-06	1.0E-03	7.5E-10	1.6E-01	5.5E-03	6.5E-13	4.8E+00	1.3E-07	1.0E-03	6.7E-10	1.6E-01	5.5E-03	5.8E-13
6.5E-01	1.2E-06	1.0E-03	8.3E-10	1.6E-01	5.5E-03	7.2E-13	4.7E+00	1.3E-07	1.0E-03	6.5E-10	1.6E-01	5.5E-03	5.6E-13
7.1E-01	1.2E-06	1.0E-03	9.1E-10	1.6E-01	5.5E-03	7.8E-13	4.3E+00	1.3E-07	1.0E-03	5.9E-10	1.6E-01	5.5E-03	5.1E-13
7.7E-01	1.2E-06	1.0E-03	9.9E-10	1.6E-01	5.5E-03	8.5E-13	3.6E+00	1.3E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-03	4.3E-13
8.4E-01	1.2E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.3E-13	2.8E+00	1.3E-07	1.0E-03	3.9E-10	1.6E-01	5.5E-03	3.4E-13
9.2E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	2.2E+00	1.3E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-03	2.6E-13
9.9E-01	1.2E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	1.6E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	2.0E-13
1.0E+00	1.2E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.5E-13
1.0E+00	1.2E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.2E-12	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13
1.0E+00	1.2E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.5E-14
9.5E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12	6.5E-01	1.3E-07	1.0E-03	9.0E-11	1.6E-01	5.5E-03	7.8E-14
8.8E-01	1.2E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.7E-13	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	5.5E-03	6.5E-14
3.9E-01	1.2E-06	1.0E-03	5.1E-10	1.6E-01	5.5E-03	4.3E-13	8.3E+00	1.3E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.9E-13
4.7E-01	1.2E-06	1.0E-03	6.0E-10	1.6E-01	5.5E-03	5.2E-13	8.9E+00	1.3E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12
5.5E-01	1.2E-06	1.0E-03	7.1E-10	1.6E-01	5.5E-03	6.1E-13	9.3E+00	1.3E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
6.5E-01	1.2E-06	1.0E-03	8.4E-10	1.6E-01	5.5E-03	7.3E-13	9.5E+00	1.3E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
7.6E-01	1.2E-06	1.0E-03	9.8E-10	1.6E-01	5.5E-03	8.5E-13	9.4E+00	1.3E-07	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12
8.7E-01	1.2E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.7E-13	9.0E+00	1.3E-07	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12
9.7E-01	1.2E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	7.7E+00	1.3E-07	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.2E-13
1.1E+00	1.2E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	5.3E+00	1.3E-07	1.0E-03	7.3E-10	1.6E-01	5.5E-03	6.3E-13
1.2E+00	1.2E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.3E-12	3.4E+00	1.3E-07	1.0E-03	4.8E-10	1.6E-01	5.5E-03	4.1E-13
1.3E+00	1.2E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	2.3E+00	1.3E-07	1.0E-03	3.2E-10	1.6E-01	5.5E-03	2.8E-13
1.4E+00	1.2E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.6E-12	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	2.0E-13
1.4E+00	1.2E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.6E-12	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13
1.4E+00	1.2E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.5E-12	9.4E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13
1.3E+00	1.2E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.9E-14
1.2E+00	1.2E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	6.1E-01	1.3E-07	1.0E-03	8.4E-11	1.6E-01	5.5E-03	7.2E-14
1.0E+00	1.2E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	5.5E-03	6.0E-14
4.5E-01	1.2E-06	1.0E-03	5.9E-10	1.6E-01	5.5E-03	5.0E-13	6.9E+00	1.3E-07	1.0E-03	9.5E-10	1.6E-01	5.5E-03	8.2E-13
5.6E-01	1.2E-06	1.0E-03	7.2E-10	1.6E-01	5.5E-03	6.2E-13	1.1E+01	1.3E-07	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12
6.9E-01	1.2E-06	1.0E-03	8.8E-10	1.6E-01	5.5E-03	7.6E-13	6.2E+00	1.3E-07	1.0E-03	8.5E-10	1.6E-01	5.5E-03	7.4E-13
8.5E-01	1.2E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.4E-13	6.1E+00	1.3E-07	1.0E-03	8.5E-10	1.6E-01	5.5E-03	7.3E-13
1.0E+00	1.2E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.2E-12	6.0E+00	1.3E-07	1.0E-03	8.3E-10	1.6E-01	5.5E-03	7.2E-13
1.2E+00	1.2E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	5.4E+00	1.3E-07	1.0E-03	7.4E-10	1.6E-01	5.5E-03	6.4E-13
1.4E+00	1.2E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12	6.2E+00	1.3E-07	1.0E-03	8.6E-10	1.6E-01	5.5E-03	7.4E-13

1.6E+00	1.2E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12	7.1E+00	1.3E-07	1.0E-03	9.9E-10	1.6E-01	5.5E-03	8.5E-13
1.9E+00	1.2E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12	3.6E+00	1.3E-07	1.0E-03	5.0E-10	1.6E-01	5.5E-03	4.3E-13
2.1E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.3E-12	2.2E+00	1.3E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-03	2.7E-13
2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-03	2.3E-12	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13
2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.2E-12	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	8.5E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13
1.6E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	6.7E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	5.5E-03	8.0E-14
1.3E+00	1.2E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	5.5E-03	6.5E-14
1.1E+00	1.2E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	4.5E-01	1.3E-07	1.0E-03	6.3E-11	1.6E-01	5.5E-03	5.4E-14
5.2E-01	1.2E-06	1.0E-03	6.7E-10	1.6E-01	5.5E-03	5.8E-13	6.3E+00	1.3E-07	1.0E-03	8.8E-10	1.6E-01	5.5E-03	7.5E-13
6.6E-01	1.2E-06	1.0E-03	8.5E-10	1.6E-01	5.5E-03	7.3E-13	1.0E+01	1.3E-07	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12
8.6E-01	1.2E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.5E-13	5.6E+00	1.3E-07	1.0E-03	7.8E-10	1.6E-01	5.5E-03	6.7E-13
1.1E+00	1.2E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	5.5E+00	1.3E-07	1.0E-03	7.6E-10	1.6E-01	5.5E-03	6.5E-13
1.5E+00	1.2E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12	5.3E+00	1.3E-07	1.0E-03	7.3E-10	1.6E-01	5.5E-03	6.3E-13
1.9E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.1E-12	4.5E+00	1.3E-07	1.0E-03	6.3E-10	1.6E-01	5.5E-03	5.4E-13
2.3E+00	1.2E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-03	2.6E-12	5.2E+00	1.3E-07	1.0E-03	7.2E-10	1.6E-01	5.5E-03	6.2E-13
2.8E+00	1.2E-06	1.0E-03	3.6E-09	1.6E-01	5.5E-03	3.1E-12	6.0E+00	1.3E-07	1.0E-03	8.3E-10	1.6E-01	5.5E-03	7.2E-13
3.2E+00	1.2E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-03	3.6E-12	3.0E+00	1.3E-07	1.0E-03	4.2E-10	1.6E-01	5.5E-03	3.6E-13
3.4E+00	1.2E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-03	3.7E-12	1.9E+00	1.3E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-03	2.2E-13
3.1E+00	1.2E-06	1.0E-03	4.0E-09	1.6E-01	5.5E-03	3.5E-12	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.5E-13
2.7E+00	1.2E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-03	3.0E-12	9.5E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13
2.3E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.8E-14
1.8E+00	1.2E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.0E-12	5.9E-01	1.3E-07	1.0E-03	8.2E-11	1.6E-01	5.5E-03	7.0E-14
1.5E+00	1.2E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.7E-12	4.8E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	5.5E-03	5.8E-14
1.2E+00	1.2E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.3E-12	4.0E-01	1.3E-07	1.0E-03	5.6E-11	1.6E-01	5.5E-03	4.8E-14
5.9E-01	1.2E-06	1.0E-03	7.6E-10	1.6E-01	5.5E-03	6.5E-13	7.0E+00	1.3E-07	1.0E-03	9.7E-10	1.6E-01	5.5E-03	8.4E-13
7.8E-01	1.2E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.6E-13	7.3E+00	1.3E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.7E-13
1.1E+00	1.2E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	7.4E+00	1.3E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.8E-13
1.5E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	7.3E+00	1.3E-07	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.7E-13
2.2E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12	7.0E+00	1.3E-07	1.0E-03	9.7E-10	1.6E-01	5.5E-03	8.4E-13
3.3E+00	1.2E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-03	3.6E-12	6.4E+00	1.3E-07	1.0E-03	8.9E-10	1.6E-01	5.5E-03	7.7E-13
4.5E+00	1.2E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-03	4.9E-12	5.2E+00	1.3E-07	1.0E-03	7.1E-10	1.6E-01	5.5E-03	6.1E-13
5.6E+00	1.2E-06	1.0E-03	7.3E-09	1.6E-01	5.5E-03	6.3E-12	3.4E+00	1.3E-07	1.0E-03	4.7E-10	1.6E-01	5.5E-03	4.1E-13
6.2E+00	1.2E-06	1.0E-03	8.0E-09	1.6E-01	5.5E-03	6.9E-12	2.2E+00	1.3E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-03	2.6E-13
5.6E+00	1.2E-06	1.0E-03	7.2E-09	1.6E-01	5.5E-03	6.2E-12	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13
4.5E+00	1.2E-06	1.0E-03	5.8E-09	1.6E-01	5.5E-03	5.0E-12	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13
3.4E+00	1.2E-06	1.0E-03	4.4E-09	1.6E-01	5.5E-03	3.8E-12	8.2E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.7E-14
2.6E+00	1.2E-06	1.0E-03	3.4E-09	1.6E-01	5.5E-03	2.9E-12	6.4E-01	1.3E-07	1.0E-03	8.9E-11	1.6E-01	5.5E-03	7.7E-14
2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.2E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	5.5E-03	6.2E-14
1.5E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	4.3E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	5.5E-03	5.1E-14
1.2E+00	1.2E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	3.6E-01	1.3E-07	1.0E-03	5.0E-11	1.6E-01	5.5E-03	4.3E-14
6.5E-01	1.2E-06	1.0E-03	8.3E-10	1.6E-01	5.5E-03	7.2E-13	3.5E+00	1.3E-07	1.0E-03	4.9E-10	1.6E-01	5.5E-03	4.2E-13
8.8E-01	1.2E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.8E-13	3.8E+00	1.3E-07	1.0E-03	5.2E-10	1.6E-01	5.5E-03	4.5E-13
1.3E+00	1.2E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.4E-12	3.8E+00	1.3E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-03	4.6E-13
2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.2E-12	3.8E+00	1.3E-07	1.0E-03	5.3E-10	1.6E-01	5.5E-03	4.6E-13
3.5E+00	1.2E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-03	3.8E-12	3.7E+00	1.3E-07	1.0E-03	5.1E-10	1.6E-01	5.5E-03	4.4E-13

6.5E+00	1.2E-06	1.0E-03	8.3E-09	1.6E-01	5.5E-03	7.2E-12	3.4E+00	1.3E-07	1.0E-03	4.7E-10	1.6E-01	5.5E-03	4.0E-13
1.1E+01	1.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11	2.9E+00	1.3E-07	1.0E-03	4.0E-10	1.6E-01	5.5E-03	3.4E-13
1.5E+01	1.2E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-03	1.7E-11	2.2E+00	1.3E-07	1.0E-03	3.1E-10	1.6E-01	5.5E-03	2.7E-13
1.3E+01	1.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-03	1.4E-11	1.6E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	2.0E-13
8.7E+00	1.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.7E-12	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.4E-13
5.7E+00	1.2E-06	1.0E-03	7.4E-09	1.6E-01	5.5E-03	6.4E-12	9.1E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13
3.9E+00	1.2E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-03	4.3E-12	7.1E-01	1.3E-07	1.0E-03	9.8E-11	1.6E-01	5.5E-03	8.5E-14
2.7E+00	1.2E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-03	3.0E-12	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	5.5E-03	6.8E-14
2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.2E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	5.5E-03	5.6E-14
1.5E+00	1.2E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.7E-12	3.9E-01	1.3E-07	1.0E-03	5.4E-11	1.6E-01	5.5E-03	4.7E-14
1.2E+00	1.2E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	3.3E-01	1.3E-07	1.0E-03	4.6E-11	1.6E-01	5.5E-03	4.0E-14
6.8E-01	1.2E-06	1.0E-03	8.7E-10	1.6E-01	5.5E-03	7.5E-13	2.2E+00	1.3E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-03	2.6E-13
9.5E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12	2.4E+00	1.3E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-03	2.8E-13
1.4E+00	1.2E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12	2.4E+00	1.3E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-03	2.9E-13
2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.7E-12	2.4E+00	1.3E-07	1.0E-03	3.4E-10	1.6E-01	5.5E-03	2.9E-13
5.0E+00	1.2E-06	1.0E-03	6.4E-09	1.6E-01	5.5E-03	5.6E-12	2.4E+00	1.3E-07	1.0E-03	3.3E-10	1.6E-01	5.5E-03	2.8E-13
1.4E+01	1.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-03	1.6E-11	2.2E+00	1.3E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-03	2.6E-13
5.4E+01	1.2E-06	1.0E-03	6.9E-08	1.6E-01	5.5E-03	6.0E-11	1.9E+00	1.3E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-03	2.3E-13
6.1E+01	1.2E-06	1.0E-03	7.8E-08	1.6E-01	5.5E-03	6.7E-11	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-03	1.9E-13
2.4E+01	1.2E-06	1.0E-03	3.1E-08	1.6E-01	5.5E-03	2.6E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.5E-13
1.1E+01	1.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13
6.0E+00	1.2E-06	1.0E-03	7.8E-09	1.6E-01	5.5E-03	6.7E-12	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.4E-14
3.8E+00	1.2E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-03	4.2E-12	6.3E-01	1.3E-07	1.0E-03	8.7E-11	1.6E-01	5.5E-03	7.5E-14
2.5E+00	1.2E-06	1.0E-03	3.3E-09	1.6E-01	5.5E-03	2.8E-12	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	5.5E-03	6.1E-14
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	4.3E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	5.5E-03	5.1E-14
1.3E+00	1.2E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	3.6E-01	1.3E-07	1.0E-03	5.0E-11	1.6E-01	5.5E-03	4.3E-14
1.0E+00	1.2E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.2E-12	3.1E-01	1.3E-07	1.0E-03	4.2E-11	1.6E-01	5.5E-03	3.7E-14
6.9E-01	1.2E-06	1.0E-03	8.8E-10	1.6E-01	5.5E-03	7.6E-13	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13
9.7E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-03	1.9E-13
1.5E+00	1.2E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	2.0E-13
2.6E+00	1.2E-06	1.0E-03	3.3E-09	1.6E-01	5.5E-03	2.8E-12	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-03	2.0E-13
5.5E+00	1.2E-06	1.0E-03	7.1E-09	1.6E-01	5.5E-03	6.1E-12	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	2.0E-13
9.6E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.1E-11	8.5E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13
5.1E+00	1.2E-06	1.0E-03	6.6E-09	1.6E-01	5.5E-03	5.7E-12	6.9E-01	1.3E-07	1.0E-03	9.6E-11	1.6E-01	5.5E-03	8.2E-14
3.2E+00	1.2E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-03	3.5E-12	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	5.5E-03	6.8E-14
2.1E+00	1.2E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	5.5E-03	5.6E-14
1.5E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	3.9E-01	1.3E-07	1.0E-03	5.5E-11	1.6E-01	5.5E-03	4.7E-14
1.2E+00	1.2E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	3.3E-01	1.3E-07	1.0E-03	4.6E-11	1.6E-01	5.5E-03	4.0E-14
9.0E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	2.9E-01	1.3E-07	1.0E-03	4.0E-11	1.6E-01	5.5E-03	3.4E-14
6.6E-01	1.2E-06	1.0E-03	8.5E-10	1.6E-01	5.5E-03	7.3E-13	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13
9.1E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.4E-13
1.4E+00	1.2E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13
2.2E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12	1.3E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13
4.1E+00	1.2E-06	1.0E-03	5.3E-09	1.6E-01	5.5E-03	4.5E-12	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13
6.4E+00	1.2E-06	1.0E-03	8.3E-09	1.6E-01	5.5E-03	7.1E-12	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.6E-14
3.9E+00	1.2E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-03	4.3E-12	6.1E-01	1.3E-07	1.0E-03	8.4E-11	1.6E-01	5.5E-03	7.2E-14

2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.8E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	5.5E-03	6.1E-14
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	4.3E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	5.5E-03	5.2E-14
1.3E+00	1.2E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.4E-12	3.7E-01	1.3E-07	1.0E-03	5.1E-11	1.6E-01	5.5E-03	4.4E-14
9.9E-01	1.2E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	3.1E-01	1.3E-07	1.0E-03	4.4E-11	1.6E-01	5.5E-03	3.7E-14
7.8E-01	1.2E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.7E-13	2.7E-01	1.3E-07	1.0E-03	3.8E-11	1.6E-01	5.5E-03	3.2E-14
6.1E-01	1.2E-06	1.0E-03	7.8E-10	1.6E-01	5.5E-03	6.7E-13	8.3E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	9.9E-14
8.2E-01	1.2E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.1E-13	9.0E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.1E-13
1.1E+00	1.2E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	9.4E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13
1.7E+00	1.2E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	9.6E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13
2.7E+00	1.2E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-03	3.0E-12	9.6E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13
4.2E+00	1.2E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-03	4.6E-12	6.1E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	5.5E-03	7.3E-14
2.8E+00	1.2E-06	1.0E-03	3.7E-09	1.6E-01	5.5E-03	3.1E-12	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	5.5E-03	6.3E-14
2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.2E-12	4.6E-01	1.3E-07	1.0E-03	6.3E-11	1.6E-01	5.5E-03	5.4E-14
1.5E+00	1.2E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12	4.0E-01	1.3E-07	1.0E-03	5.5E-11	1.6E-01	5.5E-03	4.7E-14
1.1E+00	1.2E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	3.4E-01	1.3E-07	1.0E-03	4.7E-11	1.6E-01	5.5E-03	4.1E-14
8.7E-01	1.2E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.6E-13	3.0E-01	1.3E-07	1.0E-03	4.1E-11	1.6E-01	5.5E-03	3.5E-14
6.9E-01	1.2E-06	1.0E-03	8.9E-10	1.6E-01	5.5E-03	7.7E-13	2.6E-01	1.3E-07	1.0E-03	3.6E-11	1.6E-01	5.5E-03	3.1E-14
5.4E-01	1.2E-06	1.0E-03	7.0E-10	1.6E-01	5.5E-03	6.0E-13	6.5E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	5.5E-03	7.8E-14
7.0E-01	1.2E-06	1.0E-03	9.0E-10	1.6E-01	5.5E-03	7.8E-13	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	5.5E-03	8.4E-14
9.4E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.8E-14
1.3E+00	1.2E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.4E-12	7.6E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.0E-14
1.9E+00	1.2E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12	7.6E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.1E-14
3.0E+00	1.2E-06	1.0E-03	3.8E-09	1.6E-01	5.5E-03	3.3E-12	5.3E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	5.5E-03	6.4E-14
2.2E+00	1.2E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	5.5E-03	5.6E-14
1.6E+00	1.2E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12	4.1E-01	1.3E-07	1.0E-03	5.7E-11	1.6E-01	5.5E-03	4.9E-14
1.3E+00	1.2E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	3.6E-01	1.3E-07	1.0E-03	5.0E-11	1.6E-01	5.5E-03	4.3E-14
9.8E-01	1.2E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	3.2E-01	1.3E-07	1.0E-03	4.4E-11	1.6E-01	5.5E-03	3.8E-14
7.8E-01	1.2E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.6E-13	2.8E-01	1.3E-07	1.0E-03	3.9E-11	1.6E-01	5.5E-03	3.3E-14
6.3E-01	1.2E-06	1.0E-03	8.1E-10	1.6E-01	5.5E-03	6.9E-13	2.4E-01	1.3E-07	1.0E-03	3.4E-11	1.6E-01	5.5E-03	2.9E-14
4.7E-01	1.2E-06	1.0E-03	6.1E-10	1.6E-01	5.5E-03	5.3E-13	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	5.5E-03	6.3E-14
5.9E-01	1.2E-06	1.0E-03	7.6E-10	1.6E-01	5.5E-03	6.6E-13	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	5.5E-03	6.8E-14
7.6E-01	1.2E-06	1.0E-03	9.8E-10	1.6E-01	5.5E-03	8.4E-13	6.0E-01	1.3E-07	1.0E-03	8.2E-11	1.6E-01	5.5E-03	7.1E-14
1.0E+00	1.2E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	6.1E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	5.5E-03	7.3E-14
1.4E+00	1.2E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.5E-12	6.2E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	5.5E-03	7.3E-14
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	6.1E-01	1.3E-07	1.0E-03	8.4E-11	1.6E-01	5.5E-03	7.2E-14
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2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.7E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	5.5E-03	6.5E-14
2.4E+00	1.2E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-03	2.7E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	5.5E-03	6.1E-14
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1.7E+00	1.2E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	5.5E-03	5.0E-14
1.3E+00	1.2E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	3.7E-01	1.3E-07	1.0E-03	5.1E-11	1.6E-01	5.5E-03	4.4E-14
1.1E+00	1.2E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	3.2E-01	1.3E-07	1.0E-03	4.5E-11	1.6E-01	5.5E-03	3.9E-14
8.7E-01	1.2E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.7E-13	2.9E-01	1.3E-07	1.0E-03	4.1E-11	1.6E-01	5.5E-03	3.5E-14
7.0E-01	1.2E-06	1.0E-03	9.1E-10	1.6E-01	5.5E-03	7.8E-13	2.6E-01	1.3E-07	1.0E-03	3.6E-11	1.6E-01	5.5E-03	3.1E-14
5.7E-01	1.2E-06	1.0E-03	7.4E-10	1.6E-01	5.5E-03	6.4E-13	2.3E-01	1.3E-07	1.0E-03	3.2E-11	1.6E-01	5.5E-03	2.8E-14
4.1E-01	1.2E-06	1.0E-03	5.3E-10	1.6E-01	5.5E-03	4.6E-13	4.4E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	5.5E-03	5.2E-14

5.0E-01	1.2E-06	1.0E-03	6.5E-10	1.6E-01	5.5E-03	5.6E-13	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	5.5E-03	5.6E-14
6.2E-01	1.2E-06	1.0E-03	8.0E-10	1.6E-01	5.5E-03	6.9E-13	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	5.5E-03	5.8E-14
8.0E-01	1.2E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.8E-13	5.0E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	5.5E-03	6.0E-14
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1.3E+00	1.2E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.4E-12	5.0E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	5.5E-03	6.0E-14
1.5E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	4.9E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	5.5E-03	5.8E-14
1.7E+00	1.2E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12	4.7E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	5.5E-03	5.5E-14
1.7E+00	1.2E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	4.4E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	5.5E-03	5.2E-14
1.6E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	4.0E-01	1.3E-07	1.0E-03	5.6E-11	1.6E-01	5.5E-03	4.8E-14
1.4E+00	1.2E-06	1.0E-03	1.7E-09	1.6E-01	5.5E-03	1.5E-12	3.7E-01	1.3E-07	1.0E-03	5.1E-11	1.6E-01	5.5E-03	4.4E-14
1.1E+00	1.2E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	3.3E-01	1.3E-07	1.0E-03	4.6E-11	1.6E-01	5.5E-03	4.0E-14
9.0E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-03	9.9E-13	2.9E-01	1.3E-07	1.0E-03	4.1E-11	1.6E-01	5.5E-03	3.5E-14
7.7E-01	1.2E-06	1.0E-03	9.9E-10	1.6E-01	5.5E-03	8.5E-13	2.7E-01	1.3E-07	1.0E-03	3.7E-11	1.6E-01	5.5E-03	3.2E-14
6.4E-01	1.2E-06	1.0E-03	8.2E-10	1.6E-01	5.5E-03	7.1E-13	2.4E-01	1.3E-07	1.0E-03	3.4E-11	1.6E-01	5.5E-03	2.9E-14
5.3E-01	1.2E-06	1.0E-03	6.8E-10	1.6E-01	5.5E-03	5.9E-13	2.2E-01	1.3E-07	1.0E-03	3.0E-11	1.6E-01	5.5E-03	2.6E-14
3.6E-01	1.2E-06	1.0E-03	4.7E-10	1.6E-01	5.5E-03	4.0E-13	3.7E-01	1.3E-07	1.0E-03	5.1E-11	1.6E-01	5.5E-03	4.4E-14
4.3E-01	1.2E-06	1.0E-03	5.6E-10	1.6E-01	5.5E-03	4.8E-13	3.9E-01	1.3E-07	1.0E-03	5.4E-11	1.6E-01	5.5E-03	4.7E-14
5.3E-01	1.2E-06	1.0E-03	6.8E-10	1.6E-01	5.5E-03	5.8E-13	4.1E-01	1.3E-07	1.0E-03	5.7E-11	1.6E-01	5.5E-03	4.9E-14
6.5E-01	1.2E-06	1.0E-03	8.4E-10	1.6E-01	5.5E-03	7.2E-13	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	5.5E-03	5.0E-14
8.0E-01	1.2E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.9E-13	4.3E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	5.5E-03	5.1E-14
9.6E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.1E-12	4.2E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	5.5E-03	5.0E-14
1.1E+00	1.2E-06	1.0E-03	1.4E-09	1.6E-01	5.5E-03	1.2E-12	4.1E-01	1.3E-07	1.0E-03	5.7E-11	1.6E-01	5.5E-03	4.9E-14
1.2E+00	1.2E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	4.0E-01	1.3E-07	1.0E-03	5.5E-11	1.6E-01	5.5E-03	4.7E-14
1.2E+00	1.2E-06	1.0E-03	1.6E-09	1.6E-01	5.5E-03	1.4E-12	3.8E-01	1.3E-07	1.0E-03	5.2E-11	1.6E-01	5.5E-03	4.5E-14
1.2E+00	1.2E-06	1.0E-03	1.5E-09	1.6E-01	5.5E-03	1.3E-12	3.5E-01	1.3E-07	1.0E-03	4.9E-11	1.6E-01	5.5E-03	4.2E-14
1.0E+00	1.2E-06	1.0E-03	1.3E-09	1.6E-01	5.5E-03	1.1E-12	3.2E-01	1.3E-07	1.0E-03	4.4E-11	1.6E-01	5.5E-03	3.8E-14
9.0E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	3.0E-01	1.3E-07	1.0E-03	4.1E-11	1.6E-01	5.5E-03	3.5E-14
7.8E-01	1.2E-06	1.0E-03	1.0E-09	1.6E-01	5.5E-03	8.6E-13	2.7E-01	1.3E-07	1.0E-03	3.7E-11	1.6E-01	5.5E-03	3.2E-14
6.4E-01	1.2E-06	1.0E-03	8.3E-10	1.6E-01	5.5E-03	7.1E-13	2.4E-01	1.3E-07	1.0E-03	3.3E-11	1.6E-01	5.5E-03	2.9E-14
5.7E-01	1.2E-06	1.0E-03	7.4E-10	1.6E-01	5.5E-03	6.4E-13	2.3E-01	1.3E-07	1.0E-03	3.1E-11	1.6E-01	5.5E-03	2.7E-14
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3.2E-01	1.2E-06	1.0E-03	4.1E-10	1.6E-01	5.5E-03	3.5E-13	3.1E-01	1.3E-07	1.0E-03	4.3E-11	1.6E-01	5.5E-03	3.7E-14
3.7E-01	1.2E-06	1.0E-03	4.8E-10	1.6E-01	5.5E-03	4.2E-13	3.3E-01	1.3E-07	1.0E-03	4.6E-11	1.6E-01	5.5E-03	4.0E-14
4.5E-01	1.2E-06	1.0E-03	5.7E-10	1.6E-01	5.5E-03	4.9E-13	3.5E-01	1.3E-07	1.0E-03	4.8E-11	1.6E-01	5.5E-03	4.1E-14
5.3E-01	1.2E-06	1.0E-03	6.9E-10	1.6E-01	5.5E-03	5.9E-13	3.6E-01	1.3E-07	1.0E-03	4.9E-11	1.6E-01	5.5E-03	4.3E-14
6.4E-01	1.2E-06	1.0E-03	8.2E-10	1.6E-01	5.5E-03	7.1E-13	3.6E-01	1.3E-07	1.0E-03	5.0E-11	1.6E-01	5.5E-03	4.3E-14
7.4E-01	1.2E-06	1.0E-03	9.6E-10	1.6E-01	5.5E-03	8.2E-13	3.6E-01	1.3E-07	1.0E-03	5.0E-11	1.6E-01	5.5E-03	4.3E-14
8.4E-01	1.2E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.3E-13	3.5E-01	1.3E-07	1.0E-03	4.9E-11	1.6E-01	5.5E-03	4.2E-14
9.0E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-03	9.9E-13	3.4E-01	1.3E-07	1.0E-03	4.7E-11	1.6E-01	5.5E-03	4.1E-14
9.2E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	5.5E-03	1.0E-12	3.3E-01	1.3E-07	1.0E-03	4.5E-11	1.6E-01	5.5E-03	3.9E-14
8.9E-01	1.2E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.9E-13	3.1E-01	1.3E-07	1.0E-03	4.3E-11	1.6E-01	5.5E-03	3.7E-14
8.4E-01	1.2E-06	1.0E-03	1.1E-09	1.6E-01	5.5E-03	9.3E-13	2.9E-01	1.3E-07	1.0E-03	4.0E-11	1.6E-01	5.5E-03	3.5E-14
7.7E-01	1.2E-06	1.0E-03	9.9E-10	1.6E-01	5.5E-03	8.6E-13	2.7E-01	1.3E-07	1.0E-03	3.8E-11	1.6E-01	5.5E-03	3.2E-14
6.8E-01	1.2E-06	1.0E-03	8.8E-10	1.6E-01	5.5E-03	7.6E-13	2.5E-01	1.3E-07	1.0E-03	3.5E-11	1.6E-01	5.5E-03	3.0E-14
5.6E-01	1.2E-06	1.0E-03	7.2E-10	1.6E-01	5.5E-03	6.2E-13	2.2E-01	1.3E-07	1.0E-03	3.1E-11	1.6E-01	5.5E-03	2.6E-14
4.9E-01	1.2E-06	1.0E-03	6.3E-10	1.6E-01	5.5E-03	5.4E-13	2.0E-01	1.3E-07	1.0E-03	2.8E-11	1.6E-01	5.5E-03	2.4E-14

4.5E-01	1.2E-06	1.0E-03	5.7E-10	1.6E-01	5.5E-03	4.9E-13	1.9E-01	1.3E-07	1.0E-03	2.7E-11	1.6E-01	5.5E-03	2.3E-14
2.8E-01	1.2E-06	1.0E-03	3.6E-10	1.6E-01	5.5E-03	3.1E-13	2.7E-01	1.3E-07	1.0E-03	3.8E-11	1.6E-01	5.5E-03	3.2E-14
3.3E-01	1.2E-06	1.0E-03	4.2E-10	1.6E-01	5.5E-03	3.6E-13	2.9E-01	1.3E-07	1.0E-03	4.0E-11	1.6E-01	5.5E-03	3.4E-14
3.8E-01	1.2E-06	1.0E-03	4.9E-10	1.6E-01	5.5E-03	4.2E-13	3.0E-01	1.3E-07	1.0E-03	4.1E-11	1.6E-01	5.5E-03	3.6E-14
4.5E-01	1.2E-06	1.0E-03	5.8E-10	1.6E-01	5.5E-03	5.0E-13	3.1E-01	1.3E-07	1.0E-03	4.2E-11	1.6E-01	5.5E-03	3.7E-14
5.2E-01	1.2E-06	1.0E-03	6.7E-10	1.6E-01	5.5E-03	5.8E-13	3.1E-01	1.3E-07	1.0E-03	4.3E-11	1.6E-01	5.5E-03	3.7E-14
5.9E-01	1.2E-06	1.0E-03	7.6E-10	1.6E-01	5.5E-03	6.6E-13	3.1E-01	1.3E-07	1.0E-03	4.3E-11	1.6E-01	5.5E-03	3.7E-14
6.6E-01	1.2E-06	1.0E-03	8.5E-10	1.6E-01	5.5E-03	7.3E-13	3.1E-01	1.3E-07	1.0E-03	4.2E-11	1.6E-01	5.5E-03	3.7E-14
7.0E-01	1.2E-06	1.0E-03	9.0E-10	1.6E-01	5.5E-03	7.8E-13	3.0E-01	1.3E-07	1.0E-03	4.1E-11	1.6E-01	5.5E-03	3.6E-14
7.2E-01	1.2E-06	1.0E-03	9.3E-10	1.6E-01	5.5E-03	8.0E-13	2.9E-01	1.3E-07	1.0E-03	4.0E-11	1.6E-01	5.5E-03	3.4E-14
7.1E-01	1.2E-06	1.0E-03	9.2E-10	1.6E-01	5.5E-03	7.9E-13	2.7E-01	1.3E-07	1.0E-03	3.8E-11	1.6E-01	5.5E-03	3.3E-14
6.9E-01	1.2E-06	1.0E-03	8.8E-10	1.6E-01	5.5E-03	7.6E-13	2.6E-01	1.3E-07	1.0E-03	3.6E-11	1.6E-01	5.5E-03	3.1E-14
6.4E-01	1.2E-06	1.0E-03	8.2E-10	1.6E-01	5.5E-03	7.1E-13	2.4E-01	1.3E-07	1.0E-03	3.4E-11	1.6E-01	5.5E-03	2.9E-14
5.8E-01	1.2E-06	1.0E-03	7.5E-10	1.6E-01	5.5E-03	6.5E-13	2.3E-01	1.3E-07	1.0E-03	3.2E-11	1.6E-01	5.5E-03	2.7E-14
5.2E-01	1.2E-06	1.0E-03	6.7E-10	1.6E-01	5.5E-03	5.8E-13	2.1E-01	1.3E-07	1.0E-03	2.9E-11	1.6E-01	5.5E-03	2.5E-14
4.3E-01	1.2E-06	1.0E-03	5.6E-10	1.6E-01	5.5E-03	4.8E-13	1.9E-01	1.3E-07	1.0E-03	2.6E-11	1.6E-01	5.5E-03	2.2E-14
3.8E-01	1.2E-06	1.0E-03	4.9E-10	1.6E-01	5.5E-03	4.2E-13	1.7E-01	1.3E-07	1.0E-03	2.4E-11	1.6E-01	5.5E-03	2.1E-14
2.5E-01	1.2E-06	1.0E-03	3.2E-10	1.6E-01	5.5E-03	2.8E-13	2.4E-01	1.3E-07	1.0E-03	3.3E-11	1.6E-01	5.5E-03	2.8E-14
2.9E-01	1.2E-06	1.0E-03	3.7E-10	1.6E-01	5.5E-03	3.2E-13	2.5E-01	1.3E-07	1.0E-03	3.5E-11	1.6E-01	5.5E-03	3.0E-14
3.3E-01	1.2E-06	1.0E-03	4.2E-10	1.6E-01	5.5E-03	3.7E-13	2.6E-01	1.3E-07	1.0E-03	3.6E-11	1.6E-01	5.5E-03	3.1E-14
3.8E-01	1.2E-06	1.0E-03	4.9E-10	1.6E-01	5.5E-03	4.2E-13	2.7E-01	1.3E-07	1.0E-03	3.7E-11	1.6E-01	5.5E-03	3.2E-14
4.3E-01	1.2E-06	1.0E-03	5.6E-10	1.6E-01	5.5E-03	4.8E-13	2.7E-01	1.3E-07	1.0E-03	3.7E-11	1.6E-01	5.5E-03	3.2E-14
4.9E-01	1.2E-06	1.0E-03	6.2E-10	1.6E-01	5.5E-03	5.4E-13	2.7E-01	1.3E-07	1.0E-03	3.7E-11	1.6E-01	5.5E-03	3.2E-14
5.3E-01	1.2E-06	1.0E-03	6.8E-10	1.6E-01	5.5E-03	5.9E-13	2.7E-01	1.3E-07	1.0E-03	3.7E-11	1.6E-01	5.5E-03	3.2E-14
5.6E-01	1.2E-06	1.0E-03	7.3E-10	1.6E-01	5.5E-03	6.3E-13	2.6E-01	1.3E-07	1.0E-03	3.6E-11	1.6E-01	5.5E-03	3.1E-14
5.8E-01	1.2E-06	1.0E-03	7.5E-10	1.6E-01	5.5E-03	6.4E-13	2.5E-01	1.3E-07	1.0E-03	3.5E-11	1.6E-01	5.5E-03	3.0E-14
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5.6E-01	1.2E-06	1.0E-03	7.2E-10	1.6E-01	5.5E-03	6.2E-13	2.3E-01	1.3E-07	1.0E-03	3.2E-11	1.6E-01	5.5E-03	2.8E-14
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3.4E-01	1.2E-06	1.0E-03	4.4E-10	1.6E-01	5.5E-03	3.8E-13	1.6E-01	1.3E-07	1.0E-03	2.2E-11	1.6E-01	5.5E-03	1.9E-14
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2.9E-01	1.2E-06	1.0E-03	3.7E-10	1.6E-01	5.5E-03	3.2E-13	2.3E-01	1.3E-07	1.0E-03	3.1E-11	1.6E-01	5.5E-03	2.7E-14
3.3E-01	1.2E-06	1.0E-03	4.2E-10	1.6E-01	5.5E-03	3.6E-13	2.3E-01	1.3E-07	1.0E-03	3.2E-11	1.6E-01	5.5E-03	2.8E-14
3.7E-01	1.2E-06	1.0E-03	4.7E-10	1.6E-01	5.5E-03	4.1E-13	2.4E-01	1.3E-07	1.0E-03	3.3E-11	1.6E-01	5.5E-03	2.8E-14
4.0E-01	1.2E-06	1.0E-03	5.2E-10	1.6E-01	5.5E-03	4.5E-13	2.4E-01	1.3E-07	1.0E-03	3.3E-11	1.6E-01	5.5E-03	2.8E-14
4.4E-01	1.2E-06	1.0E-03	5.6E-10	1.6E-01	5.5E-03	4.9E-13	2.4E-01	1.3E-07	1.0E-03	3.3E-11	1.6E-01	5.5E-03	2.8E-14
4.6E-01	1.2E-06	1.0E-03	6.0E-10	1.6E-01	5.5E-03	5.1E-13	2.3E-01	1.3E-07	1.0E-03	3.2E-11	1.6E-01	5.5E-03	2.8E-14
4.8E-01	1.2E-06	1.0E-03	6.1E-10	1.6E-01	5.5E-03	5.3E-13	2.3E-01	1.3E-07	1.0E-03	3.1E-11	1.6E-01	5.5E-03	2.7E-14
4.8E-01	1.2E-06	1.0E-03	6.2E-10	1.6E-01	5.5E-03	5.3E-13	2.2E-01	1.3E-07	1.0E-03	3.0E-11	1.6E-01	5.5E-03	2.6E-14
4.7E-01	1.2E-06	1.0E-03	6.0E-10	1.6E-01	5.5E-03	5.2E-13	2.1E-01	1.3E-07	1.0E-03	2.9E-11	1.6E-01	5.5E-03	2.5E-14
4.5E-01	1.2E-06	1.0E-03	5.8E-10	1.6E-01	5.5E-03	5.0E-13	2.0E-01	1.3E-07	1.0E-03	2.8E-11	1.6E-01	5.5E-03	2.4E-14
4.3E-01	1.2E-06	1.0E-03	5.5E-10	1.6E-01	5.5E-03	4.7E-13	1.9E-01	1.3E-07	1.0E-03	2.6E-11	1.6E-01	5.5E-03	2.3E-14

4.0E-01	1.2E-06	1.0E-03	5.1E-10	1.6E-01	5.5E-03	4.4E-13	1.8E-01	1.3E-07	1.0E-03	2.5E-11	1.6E-01	5.5E-03	2.1E-14
3.6E-01	1.2E-06	1.0E-03	4.6E-10	1.6E-01	5.5E-03	4.0E-13	1.7E-01	1.3E-07	1.0E-03	2.3E-11	1.6E-01	5.5E-03	2.0E-14
3.1E-01	1.2E-06	1.0E-03	4.0E-10	1.6E-01	5.5E-03	3.5E-13	1.5E-01	1.3E-07	1.0E-03	2.1E-11	1.6E-01	5.5E-03	1.8E-14
1.4E+01	1.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-03	1.6E-11	2.2E+00	1.3E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-03	2.6E-13
1.8E+01	1.2E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-03	2.0E-11	2.2E+00	1.3E-07	1.0E-03	3.0E-10	1.6E-01	5.5E-03	2.6E-13
2.4E+01	1.2E-06	1.0E-03	3.1E-08	1.6E-01	5.5E-03	2.7E-11	2.1E+00	1.3E-07	1.0E-03	2.9E-10	1.6E-01	5.5E-03	2.5E-13
3.2E+01	1.2E-06	1.0E-03	4.1E-08	1.6E-01	5.5E-03	3.5E-11	2.1E+00	1.3E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-03	2.4E-13
4.2E+01	1.2E-06	1.0E-03	5.5E-08	1.6E-01	5.5E-03	4.7E-11	2.0E+00	1.3E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-03	2.4E-13
5.4E+01	1.2E-06	1.0E-03	6.9E-08	1.6E-01	5.5E-03	6.0E-11	1.9E+00	1.3E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-03	2.3E-13
6.3E+01	1.2E-06	1.0E-03	8.1E-08	1.6E-01	5.5E-03	7.0E-11	1.9E+00	1.3E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-03	2.2E-13
6.8E+01	1.2E-06	1.0E-03	8.8E-08	1.6E-01	5.5E-03	7.5E-11	1.8E+00	1.3E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-03	2.2E-13
7.0E+01	1.2E-06	1.0E-03	9.0E-08	1.6E-01	5.5E-03	7.7E-11	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-03	2.1E-13
6.8E+01	1.2E-06	1.0E-03	8.7E-08	1.6E-01	5.5E-03	7.5E-11	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	2.0E-13
6.1E+01	1.2E-06	1.0E-03	7.8E-08	1.6E-01	5.5E-03	6.7E-11	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-03	1.9E-13
5.1E+01	1.2E-06	1.0E-03	6.6E-08	1.6E-01	5.5E-03	5.7E-11	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13
4.2E+01	1.2E-06	1.0E-03	5.4E-08	1.6E-01	5.5E-03	4.7E-11	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-03	1.8E-13
3.5E+01	1.2E-06	1.0E-03	4.5E-08	1.6E-01	5.5E-03	3.8E-11	1.4E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-03	1.7E-13
2.9E+01	1.2E-06	1.0E-03	3.7E-08	1.6E-01	5.5E-03	3.2E-11	1.3E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-03	1.6E-13
2.4E+01	1.2E-06	1.0E-03	3.1E-08	1.6E-01	5.5E-03	2.6E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.5E-13
2.0E+01	1.2E-06	1.0E-03	2.6E-08	1.6E-01	5.5E-03	2.2E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13
1.7E+01	1.2E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-03	1.9E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.4E-13
1.5E+01	1.2E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-03	1.6E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13
1.3E+01	1.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-03	1.4E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13
1.1E+01	1.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13
9.6E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.1E-11	9.5E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13
8.5E+00	1.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.4E-12	9.1E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13
7.5E+00	1.2E-06	1.0E-03	9.7E-09	1.6E-01	5.5E-03	8.3E-12	8.7E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13
6.7E+00	1.2E-06	1.0E-03	8.6E-09	1.6E-01	5.5E-03	7.4E-12	8.3E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.9E-14
6.0E+00	1.2E-06	1.0E-03	7.8E-09	1.6E-01	5.5E-03	6.7E-12	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.4E-14
1.6E+01	1.2E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-03	1.8E-11	2.0E+00	1.3E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-03	2.4E-13
2.2E+01	1.2E-06	1.0E-03	2.8E-08	1.6E-01	5.5E-03	2.4E-11	2.0E+00	1.3E-07	1.0E-03	2.8E-10	1.6E-01	5.5E-03	2.4E-13
3.0E+01	1.2E-06	1.0E-03	3.9E-08	1.6E-01	5.5E-03	3.3E-11	2.0E+00	1.3E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-03	2.3E-13
4.3E+01	1.2E-06	1.0E-03	5.5E-08	1.6E-01	5.5E-03	4.8E-11	1.9E+00	1.3E-07	1.0E-03	2.7E-10	1.6E-01	5.5E-03	2.3E-13
1.5E+01	1.2E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-03	1.7E-11	1.9E+00	1.3E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-03	2.2E-13
2.2E+01	1.2E-06	1.0E-03	2.8E-08	1.6E-01	5.5E-03	2.4E-11	1.8E+00	1.3E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-03	2.2E-13
3.2E+01	1.2E-06	1.0E-03	4.1E-08	1.6E-01	5.5E-03	3.5E-11	1.8E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-03	2.1E-13
4.6E+01	1.2E-06	1.0E-03	6.0E-08	1.6E-01	5.5E-03	5.1E-11	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-03	2.0E-13
4.7E+01	1.2E-06	1.0E-03	6.1E-08	1.6E-01	5.5E-03	5.2E-11	1.6E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	2.0E-13
3.5E+01	1.2E-06	1.0E-03	4.5E-08	1.6E-01	5.5E-03	3.9E-11	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-03	1.9E-13
2.6E+01	1.2E-06	1.0E-03	3.4E-08	1.6E-01	5.5E-03	2.9E-11	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13
6.8E+01	1.2E-06	1.0E-03	8.8E-08	1.6E-01	5.5E-03	7.6E-11	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-03	1.7E-13
5.2E+01	1.2E-06	1.0E-03	6.7E-08	1.6E-01	5.5E-03	5.7E-11	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-03	1.7E-13
4.0E+01	1.2E-06	1.0E-03	5.2E-08	1.6E-01	5.5E-03	4.4E-11	1.3E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-03	1.6E-13
3.2E+01	1.2E-06	1.0E-03	4.1E-08	1.6E-01	5.5E-03	3.5E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.5E-13
2.6E+01	1.2E-06	1.0E-03	3.3E-08	1.6E-01	5.5E-03	2.8E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13
2.1E+01	1.2E-06	1.0E-03	2.7E-08	1.6E-01	5.5E-03	2.3E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.4E-13

1.8E+01	1.2E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-03	2.0E-11	1.1E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.3E-13
1.5E+01	1.2E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-03	1.7E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13
1.3E+01	1.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-03	1.4E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13
1.1E+01	1.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11	9.7E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.2E-13
9.6E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.1E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13
8.4E+00	1.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.3E-12	8.8E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.1E-13
7.4E+00	1.2E-06	1.0E-03	9.6E-09	1.6E-01	5.5E-03	8.2E-12	8.4E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13
6.6E+00	1.2E-06	1.0E-03	8.5E-09	1.6E-01	5.5E-03	7.3E-12	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.6E-14
5.9E+00	1.2E-06	1.0E-03	7.6E-09	1.6E-01	5.5E-03	6.6E-12	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.2E-14
1.8E+01	1.2E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-03	2.0E-11	1.9E+00	1.3E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-03	2.3E-13
2.5E+01	1.2E-06	1.0E-03	3.2E-08	1.6E-01	5.5E-03	2.8E-11	1.9E+00	1.3E-07	1.0E-03	2.6E-10	1.6E-01	5.5E-03	2.2E-13
3.7E+01	1.2E-06	1.0E-03	4.7E-08	1.6E-01	5.5E-03	4.0E-11	1.8E+00	1.3E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-03	2.2E-13
5.7E+01	1.2E-06	1.0E-03	7.3E-08	1.6E-01	5.5E-03	6.3E-11	1.8E+00	1.3E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-03	2.1E-13
1.8E+01	1.2E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-03	2.0E-11	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-03	2.1E-13
2.7E+01	1.2E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-03	3.0E-11	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-03	2.0E-13
4.4E+01	1.2E-06	1.0E-03	5.6E-08	1.6E-01	5.5E-03	4.8E-11	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	2.0E-13
0.0E+00	1.2E-06	1.0E-03	0.0E+00	1.6E-01	5.5E-03	0.0E+00	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-03	1.9E-13
0.0E+00	1.2E-06	1.0E-03	0.0E+00	1.6E-01	5.5E-03	0.0E+00	1.6E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13
4.3E+01	1.2E-06	1.0E-03	5.6E-08	1.6E-01	5.5E-03	4.8E-11	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13
3.0E+01	1.2E-06	1.0E-03	3.9E-08	1.6E-01	5.5E-03	3.3E-11	1.4E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-03	1.7E-13
2.2E+01	1.2E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-03	2.5E-11	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-03	1.7E-13
6.1E+01	1.2E-06	1.0E-03	7.9E-08	1.6E-01	5.5E-03	6.8E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.6E-13
4.4E+01	1.2E-06	1.0E-03	5.7E-08	1.6E-01	5.5E-03	4.9E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.5E-13
3.4E+01	1.2E-06	1.0E-03	4.3E-08	1.6E-01	5.5E-03	3.7E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13
2.7E+01	1.2E-06	1.0E-03	3.4E-08	1.6E-01	5.5E-03	3.0E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.4E-13
2.2E+01	1.2E-06	1.0E-03	2.8E-08	1.6E-01	5.5E-03	2.4E-11	1.1E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.3E-13
1.8E+01	1.2E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-03	2.0E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13
1.5E+01	1.2E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-03	1.7E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13
1.3E+01	1.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-03	1.4E-11	9.8E-01	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13
1.1E+01	1.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11	9.4E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13
9.4E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.0E-11	9.0E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.1E-13
8.2E+00	1.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.1E-12	8.6E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13
7.3E+00	1.2E-06	1.0E-03	9.4E-09	1.6E-01	5.5E-03	8.1E-12	8.2E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.7E-14
6.5E+00	1.2E-06	1.0E-03	8.3E-09	1.6E-01	5.5E-03	7.2E-12	7.8E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.3E-14
5.8E+00	1.2E-06	1.0E-03	7.4E-09	1.6E-01	5.5E-03	6.4E-12	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.9E-14
1.9E+01	1.2E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-03	2.1E-11	1.8E+00	1.3E-07	1.0E-03	2.5E-10	1.6E-01	5.5E-03	2.1E-13
2.7E+01	1.2E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-03	3.0E-11	1.8E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-03	2.1E-13
4.1E+01	1.2E-06	1.0E-03	5.3E-08	1.6E-01	5.5E-03	4.6E-11	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	5.5E-03	2.0E-13
1.3E+01	1.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-03	1.5E-11	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	2.0E-13
2.0E+01	1.2E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-03	2.2E-11	1.6E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	2.0E-13
3.1E+01	1.2E-06	1.0E-03	4.0E-08	1.6E-01	5.5E-03	3.5E-11	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-03	1.9E-13
0.0E+00	1.2E-06	1.0E-03	0.0E+00	1.6E-01	5.5E-03	0.0E+00	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-03	1.9E-13
0.0E+00	1.2E-06	1.0E-03	0.0E+00	1.6E-01	5.5E-03	0.0E+00	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13
0.0E+00	1.2E-06	1.0E-03	0.0E+00	1.6E-01	5.5E-03	0.0E+00	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-03	1.7E-13
5.0E+01	1.2E-06	1.0E-03	6.4E-08	1.6E-01	5.5E-03	5.5E-11	1.4E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-03	1.7E-13
3.2E+01	1.2E-06	1.0E-03	4.1E-08	1.6E-01	5.5E-03	3.6E-11	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-03	1.6E-13

2.3E+01	1.2E-06	1.0E-03	3.0E-08	1.6E-01	5.5E-03	2.6E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.6E-13
6.8E+01	1.2E-06	1.0E-03	8.8E-08	1.6E-01	5.5E-03	7.6E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.5E-13
4.6E+01	1.2E-06	1.0E-03	6.0E-08	1.6E-01	5.5E-03	5.2E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13
3.4E+01	1.2E-06	1.0E-03	4.4E-08	1.6E-01	5.5E-03	3.8E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.4E-13
2.7E+01	1.2E-06	1.0E-03	3.4E-08	1.6E-01	5.5E-03	3.0E-11	1.1E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.3E-13
2.1E+01	1.2E-06	1.0E-03	2.8E-08	1.6E-01	5.5E-03	2.4E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13
1.8E+01	1.2E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-03	1.9E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13
1.5E+01	1.2E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-03	1.6E-11	9.9E-01	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13
1.2E+01	1.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-03	1.4E-11	9.5E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13
1.1E+01	1.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11	9.1E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13
9.2E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.0E-11	8.7E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13
8.0E+00	1.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-03	8.9E-12	8.3E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.9E-14
7.0E+00	1.2E-06	1.0E-03	9.1E-09	1.6E-01	5.5E-03	7.8E-12	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.5E-14
6.3E+00	1.2E-06	1.0E-03	8.1E-09	1.6E-01	5.5E-03	6.9E-12	7.6E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.1E-14
5.6E+00	1.2E-06	1.0E-03	7.2E-09	1.6E-01	5.5E-03	6.2E-12	7.3E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.7E-14
1.9E+01	1.2E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-03	2.1E-11	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	2.0E-13
2.7E+01	1.2E-06	1.0E-03	3.5E-08	1.6E-01	5.5E-03	3.0E-11	1.6E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	5.5E-03	2.0E-13
4.2E+01	1.2E-06	1.0E-03	5.4E-08	1.6E-01	5.5E-03	4.6E-11	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-03	1.9E-13
1.3E+01	1.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-03	1.5E-11	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-03	1.9E-13
2.0E+01	1.2E-06	1.0E-03	2.6E-08	1.6E-01	5.5E-03	2.2E-11	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13
2.1E+01	1.2E-06	1.0E-03	2.6E-08	1.6E-01	5.5E-03	2.3E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13
1.7E+01	1.2E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-03	1.9E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13
1.4E+01	1.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-03	1.6E-11	9.5E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13
1.2E+01	1.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-03	1.3E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13
1.0E+01	1.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-03	1.1E-11	8.8E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13
8.8E+00	1.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.7E-12	8.4E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13
7.7E+00	1.2E-06	1.0E-03	9.9E-09	1.6E-01	5.5E-03	8.5E-12	8.1E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.6E-14
6.8E+00	1.2E-06	1.0E-03	8.7E-09	1.6E-01	5.5E-03	7.5E-12	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.2E-14
6.0E+00	1.2E-06	1.0E-03	7.7E-09	1.6E-01	5.5E-03	6.7E-12	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.8E-14
5.4E+00	1.2E-06	1.0E-03	6.9E-09	1.6E-01	5.5E-03	6.0E-12	7.1E-01	1.3E-07	1.0E-03	9.8E-11	1.6E-01	5.5E-03	8.5E-14
1.8E+01	1.2E-06	1.0E-03	2.3E-08	1.6E-01	5.5E-03	2.0E-11	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	5.5E-03	1.9E-13
2.6E+01	1.2E-06	1.0E-03	3.3E-08	1.6E-01	5.5E-03	2.8E-11	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13
3.8E+01	1.2E-06	1.0E-03	4.9E-08	1.6E-01	5.5E-03	4.2E-11	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13
1.2E+01	1.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-03	1.4E-11	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	5.5E-03	1.8E-13
1.8E+01	1.2E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-03	2.0E-11	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-03	1.7E-13
1.9E+01	1.2E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-03	2.1E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13
1.6E+01	1.2E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-03	1.7E-11	9.6E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13
1.3E+01	1.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-03	1.5E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13
1.1E+01	1.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11	8.8E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.1E-13
9.6E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.1E-11	8.5E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13
8.3E+00	1.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.2E-12	8.1E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.7E-14
7.3E+00	1.2E-06	1.0E-03	9.4E-09	1.6E-01	5.5E-03	8.1E-12	7.8E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.3E-14
6.4E+00	1.2E-06	1.0E-03	8.3E-09	1.6E-01	5.5E-03	7.1E-12	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.9E-14
5.7E+00	1.2E-06	1.0E-03	7.4E-09	1.6E-01	5.5E-03	6.3E-12	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.6E-14
5.1E+00	1.2E-06	1.0E-03	6.6E-09	1.6E-01	5.5E-03	5.7E-12	6.9E-01	1.3E-07	1.0E-03	9.6E-11	1.6E-01	5.5E-03	8.2E-14
1.6E+01	1.2E-06	1.0E-03	2.1E-08	1.6E-01	5.5E-03	1.8E-11	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-03	1.8E-13

2.2E+01	1.2E-06	1.0E-03	2.8E-08	1.6E-01	5.5E-03	2.5E-11	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-03	1.7E-13
3.1E+01	1.2E-06	1.0E-03	4.0E-08	1.6E-01	5.5E-03	3.4E-11	1.4E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	5.5E-03	1.7E-13
4.5E+01	1.2E-06	1.0E-03	5.8E-08	1.6E-01	5.5E-03	5.0E-11	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-03	1.7E-13
1.5E+01	1.2E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-03	1.7E-11	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-03	1.6E-13
1.7E+01	1.2E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-03	1.9E-11	9.6E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13
1.4E+01	1.2E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-03	1.6E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13
1.2E+01	1.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-03	1.3E-11	8.9E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.1E-13
1.0E+01	1.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-03	1.2E-11	8.5E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13
9.0E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-03	9.9E-12	8.2E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.8E-14
7.8E+00	1.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-03	8.7E-12	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.4E-14
6.9E+00	1.2E-06	1.0E-03	8.8E-09	1.6E-01	5.5E-03	7.6E-12	7.6E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.0E-14
6.1E+00	1.2E-06	1.0E-03	7.8E-09	1.6E-01	5.5E-03	6.7E-12	7.3E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.7E-14
5.4E+00	1.2E-06	1.0E-03	7.0E-09	1.6E-01	5.5E-03	6.0E-12	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	5.5E-03	8.4E-14
4.9E+00	1.2E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-03	5.4E-12	6.7E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	5.5E-03	8.0E-14
1.5E+01	1.2E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-03	1.6E-11	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-03	1.7E-13
1.9E+01	1.2E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-03	2.1E-11	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-03	1.6E-13
2.5E+01	1.2E-06	1.0E-03	3.2E-08	1.6E-01	5.5E-03	2.7E-11	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	5.5E-03	1.6E-13
3.3E+01	1.2E-06	1.0E-03	4.2E-08	1.6E-01	5.5E-03	3.6E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.6E-13
4.4E+01	1.2E-06	1.0E-03	5.6E-08	1.6E-01	5.5E-03	4.8E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.6E-13
1.5E+01	1.2E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-03	1.7E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13
1.3E+01	1.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-03	1.4E-11	8.9E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.1E-13
1.1E+01	1.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11	8.6E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13
9.6E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.1E-11	8.3E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.8E-14
8.3E+00	1.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.2E-12	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.5E-14
7.3E+00	1.2E-06	1.0E-03	9.4E-09	1.6E-01	5.5E-03	8.1E-12	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.1E-14
6.4E+00	1.2E-06	1.0E-03	8.3E-09	1.6E-01	5.5E-03	7.1E-12	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.8E-14
5.7E+00	1.2E-06	1.0E-03	7.3E-09	1.6E-01	5.5E-03	6.3E-12	7.1E-01	1.3E-07	1.0E-03	9.8E-11	1.6E-01	5.5E-03	8.4E-14
5.1E+00	1.2E-06	1.0E-03	6.6E-09	1.6E-01	5.5E-03	5.6E-12	6.8E-01	1.3E-07	1.0E-03	9.4E-11	1.6E-01	5.5E-03	8.1E-14
4.6E+00	1.2E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-03	5.1E-12	6.6E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	5.5E-03	7.8E-14
1.3E+01	1.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-03	1.4E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.6E-13
1.6E+01	1.2E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-03	1.7E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.5E-13
2.0E+01	1.2E-06	1.0E-03	2.5E-08	1.6E-01	5.5E-03	2.2E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	5.5E-03	1.5E-13
2.4E+01	1.2E-06	1.0E-03	3.1E-08	1.6E-01	5.5E-03	2.7E-11	1.3E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13
3.0E+01	1.2E-06	1.0E-03	3.9E-08	1.6E-01	5.5E-03	3.4E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13
1.3E+01	1.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-03	1.5E-11	8.9E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.1E-13
1.2E+01	1.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-03	1.3E-11	8.6E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13
1.0E+01	1.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-03	1.1E-11	8.3E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.9E-14
8.7E+00	1.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.7E-12	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.5E-14
7.7E+00	1.2E-06	1.0E-03	9.9E-09	1.6E-01	5.5E-03	8.5E-12	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.2E-14
6.8E+00	1.2E-06	1.0E-03	8.7E-09	1.6E-01	5.5E-03	7.5E-12	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.9E-14
6.0E+00	1.2E-06	1.0E-03	7.7E-09	1.6E-01	5.5E-03	6.7E-12	7.2E-01	1.3E-07	1.0E-03	9.9E-11	1.6E-01	5.5E-03	8.5E-14
5.3E+00	1.2E-06	1.0E-03	6.9E-09	1.6E-01	5.5E-03	5.9E-12	6.9E-01	1.3E-07	1.0E-03	9.5E-11	1.6E-01	5.5E-03	8.2E-14
4.8E+00	1.2E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-03	5.3E-12	6.6E-01	1.3E-07	1.0E-03	9.2E-11	1.6E-01	5.5E-03	7.9E-14
4.3E+00	1.2E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-03	4.8E-12	6.4E-01	1.3E-07	1.0E-03	8.9E-11	1.6E-01	5.5E-03	7.6E-14
1.1E+01	1.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13
1.3E+01	1.2E-06	1.0E-03	1.7E-08	1.6E-01	5.5E-03	1.4E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.5E-13

1.6E+01	1.2E-06	1.0E-03	2.0E-08	1.6E-01	5.5E-03	1.7E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.4E-13
1.9E+01	1.2E-06	1.0E-03	2.4E-08	1.6E-01	5.5E-03	2.1E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	5.5E-03	1.4E-13
2.2E+01	1.2E-06	1.0E-03	2.9E-08	1.6E-01	5.5E-03	2.5E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.4E-13
1.2E+01	1.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-03	1.3E-11	8.5E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13
1.0E+01	1.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-03	1.1E-11	8.3E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.9E-14
9.0E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.0E-11	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.5E-14
7.9E+00	1.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-03	8.8E-12	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.2E-14
7.0E+00	1.2E-06	1.0E-03	9.0E-09	1.6E-01	5.5E-03	7.8E-12	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.9E-14
6.2E+00	1.2E-06	1.0E-03	8.0E-09	1.6E-01	5.5E-03	6.9E-12	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.6E-14
5.6E+00	1.2E-06	1.0E-03	7.2E-09	1.6E-01	5.5E-03	6.2E-12	7.0E-01	1.3E-07	1.0E-03	9.6E-11	1.6E-01	5.5E-03	8.3E-14
5.0E+00	1.2E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-03	5.6E-12	6.7E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	5.5E-03	8.0E-14
4.5E+00	1.2E-06	1.0E-03	5.8E-09	1.6E-01	5.5E-03	5.0E-12	6.5E-01	1.3E-07	1.0E-03	8.9E-11	1.6E-01	5.5E-03	7.7E-14
4.1E+00	1.2E-06	1.0E-03	5.3E-09	1.6E-01	5.5E-03	4.5E-12	6.2E-01	1.3E-07	1.0E-03	8.6E-11	1.6E-01	5.5E-03	7.4E-14
9.1E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.0E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.4E-13
1.1E+01	1.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.4E-13
1.3E+01	1.2E-06	1.0E-03	1.6E-08	1.6E-01	5.5E-03	1.4E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.4E-13
1.5E+01	1.2E-06	1.0E-03	1.9E-08	1.6E-01	5.5E-03	1.6E-11	1.1E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.4E-13
1.7E+01	1.2E-06	1.0E-03	2.2E-08	1.6E-01	5.5E-03	1.9E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13
1.0E+01	1.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-03	1.1E-11	8.2E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.8E-14
9.1E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.0E-11	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.5E-14
8.1E+00	1.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-03	9.0E-12	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.2E-14
7.2E+00	1.2E-06	1.0E-03	9.3E-09	1.6E-01	5.5E-03	8.0E-12	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.9E-14
6.4E+00	1.2E-06	1.0E-03	8.3E-09	1.6E-01	5.5E-03	7.1E-12	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.6E-14
5.8E+00	1.2E-06	1.0E-03	7.4E-09	1.6E-01	5.5E-03	6.4E-12	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	5.5E-03	8.3E-14
5.2E+00	1.2E-06	1.0E-03	6.7E-09	1.6E-01	5.5E-03	5.8E-12	6.8E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	5.5E-03	8.0E-14
4.7E+00	1.2E-06	1.0E-03	6.0E-09	1.6E-01	5.5E-03	5.2E-12	6.5E-01	1.3E-07	1.0E-03	9.0E-11	1.6E-01	5.5E-03	7.8E-14
4.2E+00	1.2E-06	1.0E-03	5.5E-09	1.6E-01	5.5E-03	4.7E-12	6.3E-01	1.3E-07	1.0E-03	8.7E-11	1.6E-01	5.5E-03	7.5E-14
3.9E+00	1.2E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-03	4.3E-12	6.1E-01	1.3E-07	1.0E-03	8.4E-11	1.6E-01	5.5E-03	7.2E-14
7.8E+00	1.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-03	8.6E-12	1.1E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	5.5E-03	1.3E-13
9.0E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.0E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13
1.0E+01	1.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-03	1.2E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13
1.2E+01	1.2E-06	1.0E-03	1.5E-08	1.6E-01	5.5E-03	1.3E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13
1.4E+01	1.2E-06	1.0E-03	1.8E-08	1.6E-01	5.5E-03	1.5E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13
9.1E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.0E-11	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.5E-14
8.1E+00	1.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-03	9.0E-12	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.2E-14
7.3E+00	1.2E-06	1.0E-03	9.4E-09	1.6E-01	5.5E-03	8.1E-12	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.9E-14
6.6E+00	1.2E-06	1.0E-03	8.5E-09	1.6E-01	5.5E-03	7.3E-12	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.6E-14
5.9E+00	1.2E-06	1.0E-03	7.6E-09	1.6E-01	5.5E-03	6.6E-12	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	5.5E-03	8.3E-14
5.3E+00	1.2E-06	1.0E-03	6.9E-09	1.6E-01	5.5E-03	5.9E-12	6.8E-01	1.3E-07	1.0E-03	9.4E-11	1.6E-01	5.5E-03	8.1E-14
4.8E+00	1.2E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-03	5.4E-12	6.6E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	5.5E-03	7.8E-14
4.4E+00	1.2E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-03	4.9E-12	6.3E-01	1.3E-07	1.0E-03	8.8E-11	1.6E-01	5.5E-03	7.6E-14
4.0E+00	1.2E-06	1.0E-03	5.1E-09	1.6E-01	5.5E-03	4.4E-12	6.1E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	5.5E-03	7.3E-14
3.6E+00	1.2E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-03	4.0E-12	5.9E-01	1.3E-07	1.0E-03	8.2E-11	1.6E-01	5.5E-03	7.1E-14
6.7E+00	1.2E-06	1.0E-03	8.7E-09	1.6E-01	5.5E-03	7.5E-12	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13
7.7E+00	1.2E-06	1.0E-03	9.9E-09	1.6E-01	5.5E-03	8.5E-12	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	5.5E-03	1.3E-13
8.8E+00	1.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.7E-12	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13

1.0E+01	1.2E-06	1.0E-03	1.3E-08	1.6E-01	5.5E-03	1.1E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13
1.1E+01	1.2E-06	1.0E-03	1.4E-08	1.6E-01	5.5E-03	1.2E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13
8.0E+00	1.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-03	8.9E-12	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.1E-14
7.3E+00	1.2E-06	1.0E-03	9.4E-09	1.6E-01	5.5E-03	8.1E-12	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.9E-14
6.6E+00	1.2E-06	1.0E-03	8.5E-09	1.6E-01	5.5E-03	7.3E-12	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.6E-14
6.0E+00	1.2E-06	1.0E-03	7.7E-09	1.6E-01	5.5E-03	6.6E-12	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	5.5E-03	8.3E-14
5.4E+00	1.2E-06	1.0E-03	7.0E-09	1.6E-01	5.5E-03	6.0E-12	6.8E-01	1.3E-07	1.0E-03	9.4E-11	1.6E-01	5.5E-03	8.1E-14
4.9E+00	1.2E-06	1.0E-03	6.4E-09	1.6E-01	5.5E-03	5.5E-12	6.6E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	5.5E-03	7.8E-14
4.5E+00	1.2E-06	1.0E-03	5.8E-09	1.6E-01	5.5E-03	5.0E-12	6.4E-01	1.3E-07	1.0E-03	8.8E-11	1.6E-01	5.5E-03	7.6E-14
4.1E+00	1.2E-06	1.0E-03	5.3E-09	1.6E-01	5.5E-03	4.6E-12	6.2E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	5.5E-03	7.4E-14
3.8E+00	1.2E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-03	4.2E-12	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	5.5E-03	7.1E-14
3.4E+00	1.2E-06	1.0E-03	4.4E-09	1.6E-01	5.5E-03	3.8E-12	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	5.5E-03	6.9E-14
5.9E+00	1.2E-06	1.0E-03	7.6E-09	1.6E-01	5.5E-03	6.5E-12	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13
6.6E+00	1.2E-06	1.0E-03	8.5E-09	1.6E-01	5.5E-03	7.3E-12	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13
7.4E+00	1.2E-06	1.0E-03	9.5E-09	1.6E-01	5.5E-03	8.2E-12	9.9E-01	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13
8.3E+00	1.2E-06	1.0E-03	1.1E-08	1.6E-01	5.5E-03	9.2E-12	9.8E-01	1.3E-07	1.0E-03	1.4E-10	1.6E-01	5.5E-03	1.2E-13
9.2E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	5.5E-03	1.0E-11	9.7E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.2E-13
7.1E+00	1.2E-06	1.0E-03	9.2E-09	1.6E-01	5.5E-03	7.9E-12	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.8E-14
6.6E+00	1.2E-06	1.0E-03	8.4E-09	1.6E-01	5.5E-03	7.3E-12	7.2E-01	1.3E-07	1.0E-03	9.9E-11	1.6E-01	5.5E-03	8.6E-14
6.0E+00	1.2E-06	1.0E-03	7.7E-09	1.6E-01	5.5E-03	6.6E-12	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	5.5E-03	8.3E-14
5.5E+00	1.2E-06	1.0E-03	7.0E-09	1.6E-01	5.5E-03	6.1E-12	6.8E-01	1.3E-07	1.0E-03	9.4E-11	1.6E-01	5.5E-03	8.1E-14
5.0E+00	1.2E-06	1.0E-03	6.4E-09	1.6E-01	5.5E-03	5.5E-12	6.6E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	5.5E-03	7.8E-14
4.6E+00	1.2E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-03	5.1E-12	6.4E-01	1.3E-07	1.0E-03	8.8E-11	1.6E-01	5.5E-03	7.6E-14
4.2E+00	1.2E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-03	4.6E-12	6.2E-01	1.3E-07	1.0E-03	8.6E-11	1.6E-01	5.5E-03	7.4E-14
3.8E+00	1.2E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-03	4.3E-12	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	5.5E-03	7.2E-14
3.5E+00	1.2E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-03	3.9E-12	5.8E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	5.5E-03	6.9E-14
3.2E+00	1.2E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-03	3.6E-12	5.6E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	5.5E-03	6.7E-14
5.2E+00	1.2E-06	1.0E-03	6.7E-09	1.6E-01	5.5E-03	5.7E-12	9.7E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.2E-13
5.8E+00	1.2E-06	1.0E-03	7.4E-09	1.6E-01	5.5E-03	6.4E-12	9.6E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13
6.4E+00	1.2E-06	1.0E-03	8.3E-09	1.6E-01	5.5E-03	7.1E-12	9.5E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13
7.1E+00	1.2E-06	1.0E-03	9.1E-09	1.6E-01	5.5E-03	7.9E-12	9.4E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13
7.8E+00	1.2E-06	1.0E-03	1.0E-08	1.6E-01	5.5E-03	8.6E-12	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13
6.4E+00	1.2E-06	1.0E-03	8.2E-09	1.6E-01	5.5E-03	7.1E-12	7.1E-01	1.3E-07	1.0E-03	9.9E-11	1.6E-01	5.5E-03	8.5E-14
5.9E+00	1.2E-06	1.0E-03	7.6E-09	1.6E-01	5.5E-03	6.6E-12	6.9E-01	1.3E-07	1.0E-03	9.6E-11	1.6E-01	5.5E-03	8.3E-14
5.4E+00	1.2E-06	1.0E-03	7.0E-09	1.6E-01	5.5E-03	6.0E-12	6.7E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	5.5E-03	8.0E-14
5.0E+00	1.2E-06	1.0E-03	6.4E-09	1.6E-01	5.5E-03	5.5E-12	6.6E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	5.5E-03	7.8E-14
4.6E+00	1.2E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-03	5.1E-12	6.4E-01	1.3E-07	1.0E-03	8.8E-11	1.6E-01	5.5E-03	7.6E-14
4.2E+00	1.2E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-03	4.7E-12	6.2E-01	1.3E-07	1.0E-03	8.6E-11	1.6E-01	5.5E-03	7.4E-14
3.9E+00	1.2E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-03	4.3E-12	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	5.5E-03	7.2E-14
3.6E+00	1.2E-06	1.0E-03	4.6E-09	1.6E-01	5.5E-03	4.0E-12	5.8E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	5.5E-03	6.9E-14
3.3E+00	1.2E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-03	3.7E-12	5.7E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	5.5E-03	6.7E-14
3.0E+00	1.2E-06	1.0E-03	3.9E-09	1.6E-01	5.5E-03	3.4E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	5.5E-03	6.5E-14
4.6E+00	1.2E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-03	5.1E-12	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13
5.1E+00	1.2E-06	1.0E-03	6.5E-09	1.6E-01	5.5E-03	5.6E-12	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13
5.6E+00	1.2E-06	1.0E-03	7.2E-09	1.6E-01	5.5E-03	6.2E-12	9.0E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	5.5E-03	1.1E-13
6.1E+00	1.2E-06	1.0E-03	7.9E-09	1.6E-01	5.5E-03	6.8E-12	8.9E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.1E-13

6.6E+00	1.2E-06	1.0E-03	8.5E-09	1.6E-01	5.5E-03	7.3E-12	8.8E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.1E-13
5.7E+00	1.2E-06	1.0E-03	7.4E-09	1.6E-01	5.5E-03	6.4E-12	6.9E-01	1.3E-07	1.0E-03	9.5E-11	1.6E-01	5.5E-03	8.2E-14
5.3E+00	1.2E-06	1.0E-03	6.9E-09	1.6E-01	5.5E-03	5.9E-12	6.7E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	5.5E-03	8.0E-14
4.9E+00	1.2E-06	1.0E-03	6.4E-09	1.6E-01	5.5E-03	5.5E-12	6.5E-01	1.3E-07	1.0E-03	9.0E-11	1.6E-01	5.5E-03	7.8E-14
4.6E+00	1.2E-06	1.0E-03	5.9E-09	1.6E-01	5.5E-03	5.1E-12	6.3E-01	1.3E-07	1.0E-03	8.8E-11	1.6E-01	5.5E-03	7.6E-14
4.2E+00	1.2E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-03	4.6E-12	6.1E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	5.5E-03	7.3E-14
3.8E+00	1.2E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-03	4.3E-12	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	5.5E-03	7.1E-14
3.6E+00	1.2E-06	1.0E-03	4.6E-09	1.6E-01	5.5E-03	4.0E-12	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	5.5E-03	6.9E-14
3.3E+00	1.2E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-03	3.7E-12	5.6E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	5.5E-03	6.7E-14
3.1E+00	1.2E-06	1.0E-03	4.0E-09	1.6E-01	5.5E-03	3.4E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	5.5E-03	6.5E-14
2.8E+00	1.2E-06	1.0E-03	3.7E-09	1.6E-01	5.5E-03	3.1E-12	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	5.5E-03	6.3E-14
4.1E+00	1.2E-06	1.0E-03	5.3E-09	1.6E-01	5.5E-03	4.5E-12	8.8E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.1E-13
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4.9E+00	1.2E-06	1.0E-03	6.3E-09	1.6E-01	5.5E-03	5.4E-12	8.6E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13
5.3E+00	1.2E-06	1.0E-03	6.9E-09	1.6E-01	5.5E-03	5.9E-12	8.5E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13
5.7E+00	1.2E-06	1.0E-03	7.4E-09	1.6E-01	5.5E-03	6.3E-12	8.4E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13
4.9E+00	1.2E-06	1.0E-03	6.2E-09	1.6E-01	5.5E-03	5.4E-12	6.5E-01	1.3E-07	1.0E-03	9.0E-11	1.6E-01	5.5E-03	7.7E-14
4.5E+00	1.2E-06	1.0E-03	5.8E-09	1.6E-01	5.5E-03	5.0E-12	6.3E-01	1.3E-07	1.0E-03	8.7E-11	1.6E-01	5.5E-03	7.5E-14
4.2E+00	1.2E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-03	4.6E-12	6.1E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	5.5E-03	7.3E-14
3.8E+00	1.2E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-03	4.2E-12	5.9E-01	1.3E-07	1.0E-03	8.2E-11	1.6E-01	5.5E-03	7.0E-14
3.5E+00	1.2E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-03	3.9E-12	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	5.5E-03	6.8E-14
3.2E+00	1.2E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-03	3.6E-12	5.6E-01	1.3E-07	1.0E-03	7.7E-11	1.6E-01	5.5E-03	6.6E-14
3.0E+00	1.2E-06	1.0E-03	3.9E-09	1.6E-01	5.5E-03	3.3E-12	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	5.5E-03	6.5E-14
2.8E+00	1.2E-06	1.0E-03	3.6E-09	1.6E-01	5.5E-03	3.1E-12	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	5.5E-03	6.3E-14
2.6E+00	1.2E-06	1.0E-03	3.4E-09	1.6E-01	5.5E-03	2.9E-12	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	5.5E-03	6.1E-14
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4.0E+00	1.2E-06	1.0E-03	5.2E-09	1.6E-01	5.5E-03	4.5E-12	8.4E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	5.5E-03	1.0E-13
4.3E+00	1.2E-06	1.0E-03	5.6E-09	1.6E-01	5.5E-03	4.8E-12	8.3E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.9E-14
4.7E+00	1.2E-06	1.0E-03	6.0E-09	1.6E-01	5.5E-03	5.2E-12	8.2E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.7E-14
5.0E+00	1.2E-06	1.0E-03	6.4E-09	1.6E-01	5.5E-03	5.5E-12	8.1E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.6E-14
4.2E+00	1.2E-06	1.0E-03	5.4E-09	1.6E-01	5.5E-03	4.6E-12	6.1E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	5.5E-03	7.3E-14
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3.6E+00	1.2E-06	1.0E-03	4.6E-09	1.6E-01	5.5E-03	4.0E-12	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	5.5E-03	6.9E-14
3.3E+00	1.2E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-03	3.7E-12	5.6E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	5.5E-03	6.7E-14
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3.3E+00	1.2E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-03	3.7E-12	8.1E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.6E-14
3.6E+00	1.2E-06	1.0E-03	4.6E-09	1.6E-01	5.5E-03	4.0E-12	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.5E-14
3.9E+00	1.2E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-03	4.3E-12	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.4E-14
4.1E+00	1.2E-06	1.0E-03	5.3E-09	1.6E-01	5.5E-03	4.6E-12	7.8E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.3E-14
4.4E+00	1.2E-06	1.0E-03	5.7E-09	1.6E-01	5.5E-03	4.9E-12	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.2E-14
3.6E+00	1.2E-06	1.0E-03	4.7E-09	1.6E-01	5.5E-03	4.0E-12	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	5.5E-03	6.9E-14
3.4E+00	1.2E-06	1.0E-03	4.4E-09	1.6E-01	5.5E-03	3.8E-12	5.7E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	5.5E-03	6.7E-14
3.2E+00	1.2E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-03	3.6E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	5.5E-03	6.6E-14

3.0E+00	1.2E-06	1.0E-03	3.9E-09	1.6E-01	5.5E-03	3.3E-12	5.4E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	5.5E-03	6.4E-14
2.8E+00	1.2E-06	1.0E-03	3.6E-09	1.6E-01	5.5E-03	3.1E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	5.5E-03	6.2E-14
2.6E+00	1.2E-06	1.0E-03	3.3E-09	1.6E-01	5.5E-03	2.9E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	5.5E-03	6.0E-14
2.4E+00	1.2E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-03	2.7E-12	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	5.5E-03	5.8E-14
3.0E+00	1.2E-06	1.0E-03	3.9E-09	1.6E-01	5.5E-03	3.3E-12	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.2E-14
3.3E+00	1.2E-06	1.0E-03	4.2E-09	1.6E-01	5.5E-03	3.6E-12	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.1E-14
3.5E+00	1.2E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-03	3.9E-12	7.6E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	5.5E-03	9.0E-14
3.7E+00	1.2E-06	1.0E-03	4.8E-09	1.6E-01	5.5E-03	4.1E-12	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	9.0E-14
3.9E+00	1.2E-06	1.0E-03	5.0E-09	1.6E-01	5.5E-03	4.3E-12	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.9E-14
3.2E+00	1.2E-06	1.0E-03	4.1E-09	1.6E-01	5.5E-03	3.5E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	5.5E-03	6.6E-14
3.0E+00	1.2E-06	1.0E-03	3.9E-09	1.6E-01	5.5E-03	3.3E-12	5.4E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	5.5E-03	6.4E-14
2.8E+00	1.2E-06	1.0E-03	3.6E-09	1.6E-01	5.5E-03	3.1E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	5.5E-03	6.2E-14
2.7E+00	1.2E-06	1.0E-03	3.4E-09	1.6E-01	5.5E-03	2.9E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	5.5E-03	6.1E-14
2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.8E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	5.5E-03	5.9E-14
2.3E+00	1.2E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-03	2.6E-12	4.8E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	5.5E-03	5.7E-14
2.7E+00	1.2E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-03	3.0E-12	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.8E-14
2.9E+00	1.2E-06	1.0E-03	3.8E-09	1.6E-01	5.5E-03	3.3E-12	7.3E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.8E-14
3.1E+00	1.2E-06	1.0E-03	4.0E-09	1.6E-01	5.5E-03	3.5E-12	7.3E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.7E-14
3.3E+00	1.2E-06	1.0E-03	4.3E-09	1.6E-01	5.5E-03	3.7E-12	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	5.5E-03	8.6E-14
3.5E+00	1.2E-06	1.0E-03	4.5E-09	1.6E-01	5.5E-03	3.9E-12	7.1E-01	1.3E-07	1.0E-03	9.9E-11	1.6E-01	5.5E-03	8.5E-14
3.0E+00	1.2E-06	1.0E-03	3.8E-09	1.6E-01	5.5E-03	3.3E-12	5.3E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	5.5E-03	6.4E-14
2.8E+00	1.2E-06	1.0E-03	3.6E-09	1.6E-01	5.5E-03	3.1E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	5.5E-03	6.2E-14
2.7E+00	1.2E-06	1.0E-03	3.4E-09	1.6E-01	5.5E-03	3.0E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	5.5E-03	6.1E-14
2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.8E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	5.5E-03	5.9E-14
2.4E+00	1.2E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-03	2.6E-12	4.8E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	5.5E-03	5.8E-14
2.2E+00	1.2E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	5.5E-03	5.6E-14
2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.8E-12	7.1E-01	1.3E-07	1.0E-03	9.8E-11	1.6E-01	5.5E-03	8.5E-14
2.7E+00	1.2E-06	1.0E-03	3.4E-09	1.6E-01	5.5E-03	3.0E-12	7.0E-01	1.3E-07	1.0E-03	9.8E-11	1.6E-01	5.5E-03	8.4E-14
2.8E+00	1.2E-06	1.0E-03	3.7E-09	1.6E-01	5.5E-03	3.1E-12	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	5.5E-03	8.3E-14
3.0E+00	1.2E-06	1.0E-03	3.9E-09	1.6E-01	5.5E-03	3.3E-12	6.9E-01	1.3E-07	1.0E-03	9.6E-11	1.6E-01	5.5E-03	8.3E-14
3.1E+00	1.2E-06	1.0E-03	4.0E-09	1.6E-01	5.5E-03	3.5E-12	6.9E-01	1.3E-07	1.0E-03	9.5E-11	1.6E-01	5.5E-03	8.2E-14
2.8E+00	1.2E-06	1.0E-03	3.6E-09	1.6E-01	5.5E-03	3.1E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	5.5E-03	6.2E-14
2.6E+00	1.2E-06	1.0E-03	3.4E-09	1.6E-01	5.5E-03	2.9E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	5.5E-03	6.0E-14
2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.8E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	5.5E-03	5.9E-14
2.4E+00	1.2E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-03	2.6E-12	4.8E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	5.5E-03	5.8E-14
2.2E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	5.5E-03	5.6E-14
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2.3E+00	1.2E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-03	2.6E-12	6.8E-01	1.3E-07	1.0E-03	9.4E-11	1.6E-01	5.5E-03	8.1E-14
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2.6E+00	1.2E-06	1.0E-03	3.3E-09	1.6E-01	5.5E-03	2.9E-12	6.7E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	5.5E-03	8.0E-14
2.7E+00	1.2E-06	1.0E-03	3.5E-09	1.6E-01	5.5E-03	3.0E-12	6.7E-01	1.3E-07	1.0E-03	9.2E-11	1.6E-01	5.5E-03	7.9E-14
2.8E+00	1.2E-06	1.0E-03	3.7E-09	1.6E-01	5.5E-03	3.1E-12	6.6E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	5.5E-03	7.9E-14
2.6E+00	1.2E-06	1.0E-03	3.3E-09	1.6E-01	5.5E-03	2.9E-12	5.0E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	5.5E-03	6.0E-14
2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.7E-12	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	5.5E-03	5.9E-14
2.4E+00	1.2E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-03	2.6E-12	4.8E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	5.5E-03	5.7E-14
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2.4E+00	1.2E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-03	2.6E-12	6.5E-01	1.3E-07	1.0E-03	8.9E-11	1.6E-01	5.5E-03	7.7E-14
2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.7E-12	6.4E-01	1.3E-07	1.0E-03	8.9E-11	1.6E-01	5.5E-03	7.6E-14
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2.4E+00	1.2E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-03	2.7E-12	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	5.5E-03	5.8E-14
2.3E+00	1.2E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-03	2.6E-12	4.8E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	5.5E-03	5.7E-14
2.2E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	5.5E-03	5.6E-14
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2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.2E-12	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	5.5E-03	5.3E-14
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2.2E+00	1.2E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12	6.2E-01	1.3E-07	1.0E-03	8.6E-11	1.6E-01	5.5E-03	7.4E-14
2.3E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12	6.2E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	5.5E-03	7.3E-14
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2.6E+00	1.2E-06	1.0E-03	3.3E-09	1.6E-01	5.5E-03	2.8E-12	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	5.5E-03	6.1E-14
2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.8E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	5.5E-03	6.0E-14
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2.3E+00	1.2E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-03	2.6E-12	4.9E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	5.5E-03	5.8E-14
2.3E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12	4.8E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	5.5E-03	5.7E-14
2.2E+00	1.2E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	5.5E-03	5.6E-14
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2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.2E-12	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	5.5E-03	5.3E-14
1.9E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.1E-12	4.4E-01	1.3E-07	1.0E-03	6.1E-11	1.6E-01	5.5E-03	5.2E-14
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1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	6.1E-01	1.3E-07	1.0E-03	8.4E-11	1.6E-01	5.5E-03	7.2E-14
1.9E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.1E-12	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	5.5E-03	7.2E-14
2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.2E-12	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	5.5E-03	7.1E-14
2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-03	2.3E-12	5.9E-01	1.3E-07	1.0E-03	8.2E-11	1.6E-01	5.5E-03	7.1E-14
2.2E+00	1.2E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12	5.9E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	5.5E-03	7.0E-14
2.2E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12	5.8E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	5.5E-03	6.9E-14
2.3E+00	1.2E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-03	2.6E-12	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	5.5E-03	6.9E-14

2.4E+00	1.2E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-03	2.6E-12	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	5.5E-03	6.8E-14
2.4E+00	1.2E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-03	2.7E-12	5.6E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	5.5E-03	6.7E-14
2.4E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.7E-12	5.6E-01	1.3E-07	1.0E-03	7.7E-11	1.6E-01	5.5E-03	6.6E-14
2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.7E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	5.5E-03	6.5E-14
2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.8E-12	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	5.5E-03	6.4E-14
2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.7E-12	5.3E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	5.5E-03	6.4E-14
2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.7E-12	5.2E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	5.5E-03	6.3E-14
2.4E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	5.5E-03	2.7E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	5.5E-03	6.2E-14
2.4E+00	1.2E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-03	2.7E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	5.5E-03	6.1E-14
2.4E+00	1.2E-06	1.0E-03	3.1E-09	1.6E-01	5.5E-03	2.6E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	5.5E-03	6.0E-14
2.3E+00	1.2E-06	1.0E-03	3.0E-09	1.6E-01	5.5E-03	2.6E-12	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	5.5E-03	5.8E-14
2.3E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	5.5E-03	2.5E-12	4.8E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	5.5E-03	5.7E-14
2.2E+00	1.2E-06	1.0E-03	2.8E-09	1.6E-01	5.5E-03	2.4E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	5.5E-03	5.6E-14
2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	5.5E-03	2.4E-12	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	5.5E-03	5.5E-14
2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.3E-12	4.5E-01	1.3E-07	1.0E-03	6.3E-11	1.6E-01	5.5E-03	5.4E-14
2.0E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.2E-12	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	5.5E-03	5.3E-14
1.9E+00	1.2E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12	4.4E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	5.5E-03	5.2E-14
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	4.3E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	5.5E-03	5.1E-14
1.7E+00	1.2E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	5.5E-03	5.0E-14
1.7E+00	1.2E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	5.8E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	5.5E-03	6.9E-14
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	5.5E-03	6.9E-14
1.8E+00	1.2E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.0E-12	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	5.5E-03	6.9E-14
1.9E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.1E-12	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	5.5E-03	6.8E-14
2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	5.5E-03	2.2E-12	5.7E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	5.5E-03	6.7E-14
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1.6E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	5.6E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	5.5E-03	6.7E-14

1.6E+00	1.2E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12	5.6E-01	1.3E-07	1.0E-03	7.7E-11	1.6E-01	5.5E-03	6.6E-14
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1.9E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.1E-12	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	5.5E-03	5.3E-14
1.9E+00	1.2E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12	4.4E-01	1.3E-07	1.0E-03	6.1E-11	1.6E-01	5.5E-03	5.2E-14
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	4.3E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	5.5E-03	5.1E-14
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1.7E+00	1.2E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	4.1E-01	1.3E-07	1.0E-03	5.7E-11	1.6E-01	5.5E-03	4.9E-14
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1.5E+00	1.2E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	5.5E-03	6.4E-14
1.5E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	5.4E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	5.5E-03	6.4E-14
1.6E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.8E-12	5.3E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	5.5E-03	6.4E-14
1.6E+00	1.2E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	5.5E-03	6.3E-14
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1.8E+00	1.2E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.0E-12	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	5.5E-03	6.1E-14
1.9E+00	1.2E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	5.5E-03	6.1E-14
1.9E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.1E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	5.5E-03	6.0E-14
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1.9E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.2E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	5.5E-03	5.6E-14
1.9E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	5.5E-03	2.1E-12	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	5.5E-03	5.5E-14
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1.9E+00	1.2E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.1E-12	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	5.5E-03	5.4E-14
1.8E+00	1.2E-06	1.0E-03	2.4E-09	1.6E-01	5.5E-03	2.0E-12	4.4E-01	1.3E-07	1.0E-03	6.1E-11	1.6E-01	5.5E-03	5.3E-14
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	4.3E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	5.5E-03	5.2E-14
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-03	1.9E-12	4.3E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	5.5E-03	5.1E-14

1.7E+00	1.2E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	5.5E-03	5.0E-14
1.7E+00	1.2E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12	4.1E-01	1.3E-07	1.0E-03	5.7E-11	1.6E-01	5.5E-03	4.9E-14
1.6E+00	1.2E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12	4.0E-01	1.3E-07	1.0E-03	5.6E-11	1.6E-01	5.5E-03	4.8E-14
1.6E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	4.0E-01	1.3E-07	1.0E-03	5.5E-11	1.6E-01	5.5E-03	4.7E-14
1.5E+00	1.2E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.7E-12	3.9E-01	1.3E-07	1.0E-03	5.4E-11	1.6E-01	5.5E-03	4.6E-14
1.4E+00	1.2E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.5E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	5.5E-03	6.2E-14
1.4E+00	1.2E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.6E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	5.5E-03	6.2E-14
1.5E+00	1.2E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12	5.2E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	5.5E-03	6.1E-14
1.5E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	5.5E-03	6.1E-14
1.6E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.8E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	5.5E-03	6.1E-14
1.6E+00	1.2E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12	5.0E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	5.5E-03	6.0E-14
1.7E+00	1.2E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	5.5E-03	6.0E-14
1.7E+00	1.2E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	5.5E-03	5.9E-14
1.7E+00	1.2E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	5.5E-03	5.9E-14
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	4.9E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	5.5E-03	5.8E-14
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	4.8E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	5.5E-03	5.7E-14
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	4.7E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	5.5E-03	5.7E-14
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	5.5E-03	5.6E-14
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	5.5E-03	5.5E-14
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	4.6E-01	1.3E-07	1.0E-03	6.3E-11	1.6E-01	5.5E-03	5.4E-14
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	5.5E-03	5.4E-14
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-03	2.0E-12	4.4E-01	1.3E-07	1.0E-03	6.1E-11	1.6E-01	5.5E-03	5.3E-14
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	5.5E-03	1.9E-12	4.4E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	5.5E-03	5.2E-14
1.7E+00	1.2E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	4.3E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	5.5E-03	5.1E-14
1.7E+00	1.2E-06	1.0E-03	2.2E-09	1.6E-01	5.5E-03	1.9E-12	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	5.5E-03	5.0E-14
1.6E+00	1.2E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12	4.1E-01	1.3E-07	1.0E-03	5.7E-11	1.6E-01	5.5E-03	4.9E-14
1.6E+00	1.2E-06	1.0E-03	2.1E-09	1.6E-01	5.5E-03	1.8E-12	4.1E-01	1.3E-07	1.0E-03	5.6E-11	1.6E-01	5.5E-03	4.9E-14
1.6E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	4.0E-01	1.3E-07	1.0E-03	5.5E-11	1.6E-01	5.5E-03	4.8E-14
1.5E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	5.5E-03	1.7E-12	3.9E-01	1.3E-07	1.0E-03	5.4E-11	1.6E-01	5.5E-03	4.7E-14
1.5E+00	1.2E-06	1.0E-03	1.9E-09	1.6E-01	5.5E-03	1.6E-12	3.9E-01	1.3E-07	1.0E-03	5.3E-11	1.6E-01	5.5E-03	4.6E-14
1.4E+00	1.2E-06	1.0E-03	1.8E-09	1.6E-01	5.5E-03	1.6E-12	3.8E-01	1.3E-07	1.0E-03	5.2E-11	1.6E-01	5.5E-03	4.5E-14

Risk From New Building Demo (Port. 1,3,4) - Mitigated Residential

Franklin School Project

Risk From New Building Demo (Port. 1,3,4) - Mitigated Residential

	0.09	Max							
						Onsite			
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
1	0.00	3.4E-10	2.0E-01	7.5E-04	1.0E-03	1.5E-07	1.6E-01	1.4E-02	3.3E-10
2	0.00	3.7E-10	2.2E-01	7.5E-04	1.0E-03	1.7E-07	1.6E-01	1.4E-02	3.7E-10
3	0.00	4.1E-10	2.4E-01	7.5E-04	1.0E-03	1.9E-07	1.6E-01	1.4E-02	4.0E-10
4	0.00	4.5E-10	2.6E-01	7.5E-04	1.0E-03	2.1E-07	1.6E-01	1.4E-02	4.4E-10
5	0.00	4.8E-10	2.9E-01	7.5E-04	1.0E-03	2.2E-07	1.6E-01	1.4E-02	4.8E-10
6	0.00	5.2E-10	3.1E-01	7.5E-04	1.0E-03	2.4E-07	1.6E-01	1.4E-02	5.2E-10
7	0.00	5.6E-10	3.3E-01	7.5E-04	1.0E-03	2.6E-07	1.6E-01	1.4E-02	5.6E-10
8	0.00	5.9E-10	3.5E-01	7.5E-04	1.0E-03	2.7E-07	1.6E-01	1.4E-02	5.9E-10
9	0.00	6.3E-10	3.7E-01	7.5E-04	1.0E-03	2.9E-07	1.6E-01	1.4E-02	6.3E-10
10	0.00	6.6E-10	3.9E-01	7.5E-04	1.0E-03	3.1E-07	1.6E-01	1.4E-02	6.6E-10
11	0.00	7.2E-10	4.2E-01	7.5E-04	1.0E-03	3.3E-07	1.6E-01	1.4E-02	7.1E-10
12	0.00	7.7E-10	4.5E-01	7.5E-04	1.0E-03	3.6E-07	1.6E-01	1.4E-02	7.6E-10
13	0.00	8.2E-10	4.8E-01	7.5E-04	1.0E-03	3.8E-07	1.6E-01	1.4E-02	8.1E-10
14	0.00	8.5E-10	5.0E-01	7.5E-04	1.0E-03	3.9E-07	1.6E-01	1.4E-02	8.5E-10
15	0.00	8.8E-10	5.2E-01	7.5E-04	1.0E-03	4.1E-07	1.6E-01	1.4E-02	8.8E-10
16	0.00	8.9E-10	5.3E-01	7.5E-04	1.0E-03	4.1E-07	1.6E-01	1.4E-02	8.9E-10
17	0.00	3.8E-10	2.2E-01	7.5E-04	1.0E-03	1.7E-07	1.6E-01	1.4E-02	3.7E-10
18	0.00	4.2E-10	2.5E-01	7.5E-04	1.0E-03	1.9E-07	1.6E-01	1.4E-02	4.2E-10
19	0.00	4.7E-10	2.8E-01	7.5E-04	1.0E-03	2.2E-07	1.6E-01	1.4E-02	4.7E-10
20	0.00	5.2E-10	3.1E-01	7.5E-04	1.0E-03	2.4E-07	1.6E-01	1.4E-02	5.2E-10
21	0.00	5.8E-10	3.4E-01	7.5E-04	1.0E-03	2.7E-07	1.6E-01	1.4E-02	5.7E-10
22	0.00	6.3E-10	3.7E-01	7.5E-04	1.0E-03	2.9E-07	1.6E-01	1.4E-02	6.3E-10
23	0.00	6.9E-10	4.0E-01	7.5E-04	1.0E-03	3.2E-07	1.6E-01	1.4E-02	6.8E-10
24	0.00	7.3E-10	4.3E-01	7.5E-04	1.0E-03	3.4E-07	1.6E-01	1.4E-02	7.3E-10
25	0.00	7.9E-10	4.6E-01	7.5E-04	1.0E-03	3.6E-07	1.6E-01	1.4E-02	7.8E-10
26	0.00	8.4E-10	4.9E-01	7.5E-04	1.0E-03	3.9E-07	1.6E-01	1.4E-02	8.3E-10
27	0.00	9.2E-10	5.4E-01	7.5E-04	1.0E-03	4.2E-07	1.6E-01	1.4E-02	9.1E-10
28	0.00	9.9E-10	5.9E-01	7.5E-04	1.0E-03	4.6E-07	1.6E-01	1.4E-02	9.9E-10
29	0.00	1.1E-09	6.2E-01	7.5E-04	1.0E-03	4.9E-07	1.6E-01	1.4E-02	1.0E-09
30	0.00	1.1E-09	6.5E-01	7.5E-04	1.0E-03	5.1E-07	1.6E-01	1.4E-02	1.1E-09
31	0.00	1.1E-09	6.6E-01	7.5E-04	1.0E-03	5.2E-07	1.6E-01	1.4E-02	1.1E-09
32	0.00	1.1E-09	6.5E-01	7.5E-04	1.0E-03	5.1E-07	1.6E-01	1.4E-02	1.1E-09
33	0.00	4.2E-10	2.5E-01	7.5E-04	1.0E-03	1.9E-07	1.6E-01	1.4E-02	4.2E-10
34	0.00	4.8E-10	2.8E-01	7.5E-04	1.0E-03	2.2E-07	1.6E-01	1.4E-02	4.8E-10
35	0.00	5.5E-10	3.2E-01	7.5E-04	1.0E-03	2.5E-07	1.6E-01	1.4E-02	5.4E-10
36	0.00	6.2E-10	3.6E-01	7.5E-04	1.0E-03	2.8E-07	1.6E-01	1.4E-02	6.1E-10
37	0.00	7.0E-10	4.1E-01	7.5E-04	1.0E-03	3.2E-07	1.6E-01	1.4E-02	6.9E-10
38	0.00	7.8E-10	4.6E-01	7.5E-04	1.0E-03	3.6E-07	1.6E-01	1.4E-02	7.7E-10
39	0.00	8.6E-10	5.1E-01	7.5E-04	1.0E-03	4.0E-07	1.6E-01	1.4E-02	8.5E-10

40	0.00	9.3E-10	5.5E-01	7.5E-04	1.0E-03	4.3E-07	1.6E-01	1.4E-02	9.3E-10
41	0.00	1.0E-09	5.9E-01	7.5E-04	1.0E-03	4.7E-07	1.6E-01	1.4E-02	1.0E-09
42	0.00	1.1E-09	6.5E-01	7.5E-04	1.0E-03	5.1E-07	1.6E-01	1.4E-02	1.1E-09
43	0.00	1.2E-09	7.2E-01	7.5E-04	1.0E-03	5.6E-07	1.6E-01	1.4E-02	1.2E-09
44	0.00	1.3E-09	7.8E-01	7.5E-04	1.0E-03	6.1E-07	1.6E-01	1.4E-02	1.3E-09
45	0.00	1.4E-09	8.3E-01	7.5E-04	1.0E-03	6.5E-07	1.6E-01	1.4E-02	1.4E-09
46	0.00	1.4E-09	8.5E-01	7.5E-04	1.0E-03	6.6E-07	1.6E-01	1.4E-02	1.4E-09
47	0.00	1.4E-09	8.4E-01	7.5E-04	1.0E-03	6.6E-07	1.6E-01	1.4E-02	1.4E-09
48	0.00	1.4E-09	8.1E-01	7.5E-04	1.0E-03	6.4E-07	1.6E-01	1.4E-02	1.4E-09
49	0.00	4.8E-10	2.8E-01	7.5E-04	1.0E-03	2.2E-07	1.6E-01	1.4E-02	4.7E-10
50	0.00	5.5E-10	3.2E-01	7.5E-04	1.0E-03	2.5E-07	1.6E-01	1.4E-02	5.4E-10
51	0.00	6.4E-10	3.8E-01	7.5E-04	1.0E-03	2.9E-07	1.6E-01	1.4E-02	6.3E-10
52	0.00	7.4E-10	4.4E-01	7.5E-04	1.0E-03	3.4E-07	1.6E-01	1.4E-02	7.3E-10
53	0.00	8.6E-10	5.0E-01	7.5E-04	1.0E-03	4.0E-07	1.6E-01	1.4E-02	8.5E-10
54	0.00	9.8E-10	5.8E-01	7.5E-04	1.0E-03	4.5E-07	1.6E-01	1.4E-02	9.7E-10
55	0.00	1.1E-09	6.5E-01	7.5E-04	1.0E-03	5.1E-07	1.6E-01	1.4E-02	1.1E-09
56	0.00	1.2E-09	7.2E-01	7.5E-04	1.0E-03	5.6E-07	1.6E-01	1.4E-02	1.2E-09
57	0.00	1.4E-09	7.9E-01	7.5E-04	1.0E-03	6.2E-07	1.6E-01	1.4E-02	1.3E-09
58	0.00	1.5E-09	8.9E-01	7.5E-04	1.0E-03	6.9E-07	1.6E-01	1.4E-02	1.5E-09
59	0.00	1.7E-09	1.0E+00	7.5E-04	1.0E-03	7.9E-07	1.6E-01	1.4E-02	1.7E-09
60	0.00	1.8E-09	1.1E+00	7.5E-04	1.0E-03	8.5E-07	1.6E-01	1.4E-02	1.8E-09
61	0.00	1.9E-09	1.1E+00	7.5E-04	1.0E-03	8.8E-07	1.6E-01	1.4E-02	1.9E-09
62	0.00	1.9E-09	1.1E+00	7.5E-04	1.0E-03	8.8E-07	1.6E-01	1.4E-02	1.9E-09
63	0.00	1.8E-09	1.1E+00	7.5E-04	1.0E-03	8.4E-07	1.6E-01	1.4E-02	1.8E-09
64	0.00	1.7E-09	1.0E+00	7.5E-04	1.0E-03	7.9E-07	1.6E-01	1.4E-02	1.7E-09
65	0.00	5.3E-10	3.1E-01	7.5E-04	1.0E-03	2.5E-07	1.6E-01	1.4E-02	5.3E-10
66	0.00	6.3E-10	3.7E-01	7.5E-04	1.0E-03	2.9E-07	1.6E-01	1.4E-02	6.2E-10
67	0.00	7.5E-10	4.4E-01	7.5E-04	1.0E-03	3.5E-07	1.6E-01	1.4E-02	7.4E-10
68	0.00	9.0E-10	5.3E-01	7.5E-04	1.0E-03	4.1E-07	1.6E-01	1.4E-02	8.9E-10
69	0.00	1.1E-09	6.3E-01	7.5E-04	1.0E-03	4.9E-07	1.6E-01	1.4E-02	1.1E-09
70	0.00	1.3E-09	7.5E-01	7.5E-04	1.0E-03	5.9E-07	1.6E-01	1.4E-02	1.3E-09
71	0.00	1.5E-09	8.8E-01	7.5E-04	1.0E-03	6.9E-07	1.6E-01	1.4E-02	1.5E-09
72	0.00	1.7E-09	1.0E+00	7.5E-04	1.0E-03	7.8E-07	1.6E-01	1.4E-02	1.7E-09
73	0.00	1.9E-09	1.1E+00	7.5E-04	1.0E-03	8.9E-07	1.6E-01	1.4E-02	1.9E-09
74	0.00	2.3E-09	1.3E+00	7.5E-04	1.0E-03	1.0E-06	1.6E-01	1.4E-02	2.2E-09
75	0.00	2.5E-09	1.5E+00	7.5E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.5E-09
76	0.00	2.7E-09	1.6E+00	7.5E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.7E-09
77	0.00	2.7E-09	1.6E+00	7.5E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.7E-09
78	0.00	2.5E-09	1.5E+00	7.5E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.5E-09
79	0.00	2.3E-09	1.4E+00	7.5E-04	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.3E-09
80	0.00	2.0E-09	1.2E+00	7.5E-04	1.0E-03	9.5E-07	1.6E-01	1.4E-02	2.0E-09
81	0.00	5.9E-10	3.5E-01	7.5E-04	1.0E-03	2.7E-07	1.6E-01	1.4E-02	5.9E-10
82	0.00	7.2E-10	4.2E-01	7.5E-04	1.0E-03	3.3E-07	1.6E-01	1.4E-02	7.1E-10
83	0.00	8.8E-10	5.2E-01	7.5E-04	1.0E-03	4.1E-07	1.6E-01	1.4E-02	8.7E-10
84	0.00	1.1E-09	6.4E-01	7.5E-04	1.0E-03	5.0E-07	1.6E-01	1.4E-02	1.1E-09
85	0.00	1.4E-09	8.1E-01	7.5E-04	1.0E-03	6.3E-07	1.6E-01	1.4E-02	1.4E-09

86	0.00	1.7E-09	1.0E+00	7.5E-04	1.0E-03	7.9E-07	1.6E-01	1.4E-02	1.7E-09
87	0.00	2.2E-09	1.3E+00	7.5E-04	1.0E-03	9.8E-07	1.6E-01	1.4E-02	2.1E-09
88	0.00	2.6E-09	1.5E+00	7.5E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.5E-09
89	0.00	3.1E-09	1.8E+00	7.5E-04	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.0E-09
90	0.00	3.7E-09	2.2E+00	7.5E-04	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09
91	0.00	4.0E-09	2.4E+00	7.5E-04	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.0E-09
92	0.00	4.0E-09	2.4E+00	7.5E-04	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.0E-09
93	0.00	3.7E-09	2.2E+00	7.5E-04	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09
94	0.00	3.3E-09	1.9E+00	7.5E-04	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
95	0.00	2.8E-09	1.7E+00	7.5E-04	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
96	0.00	2.4E-09	1.4E+00	7.5E-04	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.4E-09
97	0.00	6.5E-10	3.8E-01	7.5E-04	1.0E-03	3.0E-07	1.6E-01	1.4E-02	6.5E-10
98	0.00	8.0E-10	4.7E-01	7.5E-04	1.0E-03	3.7E-07	1.6E-01	1.4E-02	8.0E-10
99	0.00	1.0E-09	6.0E-01	7.5E-04	1.0E-03	4.7E-07	1.6E-01	1.4E-02	1.0E-09
100	0.00	1.3E-09	7.8E-01	7.5E-04	1.0E-03	6.1E-07	1.6E-01	1.4E-02	1.3E-09
101	0.00	1.8E-09	1.0E+00	7.5E-04	1.0E-03	8.1E-07	1.6E-01	1.4E-02	1.7E-09
102	0.00	2.4E-09	1.4E+00	7.5E-04	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.4E-09
103	0.00	3.5E-09	1.9E+00	7.5E-04	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.2E-09
104	0.00	4.5E-09	2.6E+00	7.5E-04	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.3E-09
105	0.01	5.6E-09	3.3E+00	7.5E-04	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.5E-09
106	0.01	6.8E-09	4.0E+00	7.5E-04	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.7E-09
107	0.01	6.7E-09	4.0E+00	7.5E-04	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.7E-09
108	0.01	6.0E-09	3.6E+00	7.5E-04	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.0E-09
109	0.01	5.0E-09	3.0E+00	7.5E-04	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.0E-09
110	0.00	4.1E-09	2.4E+00	7.5E-04	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.1E-09
111	0.00	3.3E-09	1.9E+00	7.5E-04	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
112	0.00	2.7E-09	1.6E+00	7.5E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
113	0.00	7.0E-10	4.2E-01	7.5E-04	1.0E-03	3.3E-07	1.6E-01	1.4E-02	7.0E-10
114	0.00	8.9E-10	5.3E-01	7.5E-04	1.0E-03	4.1E-07	1.6E-01	1.4E-02	8.9E-10
115	0.00	1.2E-09	6.9E-01	7.5E-04	1.0E-03	5.4E-07	1.6E-01	1.4E-02	1.2E-09
116	0.00	1.6E-09	9.4E-01	7.5E-04	1.0E-03	7.3E-07	1.6E-01	1.4E-02	1.6E-09
117	0.00	2.3E-09	1.3E+00	7.5E-04	1.0E-03	1.0E-06	1.6E-01	1.4E-02	2.2E-09
118	0.01	1.4E-08	8.4E+00	7.5E-04	1.0E-03	6.6E-06	1.6E-01	1.4E-02	1.4E-08
119	0.01	1.1E-08	6.7E+00	7.5E-04	1.0E-03	5.2E-06	1.6E-01	1.4E-02	1.1E-08
120	0.01	8.5E-09	5.1E+00	7.5E-04	1.0E-03	4.0E-06	1.6E-01	1.4E-02	8.5E-09
121	0.01	6.3E-09	3.8E+00	7.5E-04	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.3E-09
122	0.00	4.7E-09	2.8E+00	7.5E-04	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.7E-09
123	0.00	3.6E-09	2.1E+00	7.5E-04	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.6E-09
124	0.00	2.8E-09	1.6E+00	7.5E-04	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
125	0.00	7.4E-10	4.4E-01	7.5E-04	1.0E-03	3.4E-07	1.6E-01	1.4E-02	7.4E-10
126	0.00	9.6E-10	5.6E-01	7.5E-04	1.0E-03	4.4E-07	1.6E-01	1.4E-02	9.5E-10
127	0.00	1.3E-09	7.6E-01	7.5E-04	1.0E-03	5.9E-07	1.6E-01	1.4E-02	1.3E-09
128	0.00	1.8E-09	1.1E+00	7.5E-04	1.0E-03	8.3E-07	1.6E-01	1.4E-02	1.8E-09
129	0.00	2.7E-09	1.6E+00	7.5E-04	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.7E-09
130	0.03	2.9E-08	1.7E+01	7.5E-04	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.9E-08
131	0.02	1.7E-08	1.0E+01	7.5E-04	1.0E-03	7.9E-06	1.6E-01	1.4E-02	1.7E-08

132	0.01	1.1E-08	6.3E+00	7.5E-04	1.0E-03	4.9E-06	1.6E-01	1.4E-02	1.1E-08
133	0.01	7.2E-09	4.2E+00	7.5E-04	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.2E-09
134	0.00	4.9E-09	2.9E+00	7.5E-04	1.0E-03	2.3E-06	1.6E-01	1.4E-02	4.9E-09
135	0.00	3.6E-09	2.1E+00	7.5E-04	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.6E-09
136	0.00	2.7E-09	1.6E+00	7.5E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.7E-09
137	0.00	7.6E-10	4.5E-01	7.5E-04	1.0E-03	3.5E-07	1.6E-01	1.4E-02	7.6E-10
138	0.00	9.9E-10	5.9E-01	7.5E-04	1.0E-03	4.6E-07	1.6E-01	1.4E-02	9.9E-10
139	0.00	1.3E-09	7.9E-01	7.5E-04	1.0E-03	6.2E-07	1.6E-01	1.4E-02	1.3E-09
140	0.00	1.9E-09	1.1E+00	7.5E-04	1.0E-03	8.9E-07	1.6E-01	1.4E-02	1.9E-09
141	0.00	3.0E-09	1.8E+00	7.5E-04	1.0E-03	1.4E-06	1.6E-01	1.4E-02	2.9E-09
142	0.04	4.2E-08	2.5E+01	7.5E-04	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.2E-08
143	0.02	2.0E-08	1.2E+01	7.5E-04	1.0E-03	9.5E-06	1.6E-01	1.4E-02	2.0E-08
144	0.01	1.1E-08	6.7E+00	7.5E-04	1.0E-03	5.2E-06	1.6E-01	1.4E-02	1.1E-08
145	0.01	7.1E-09	4.2E+00	7.5E-04	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.0E-09
146	0.00	4.6E-09	2.8E+00	7.5E-04	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.6E-09
147	0.00	3.3E-09	1.9E+00	7.5E-04	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
148	0.00	2.4E-09	1.4E+00	7.5E-04	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.4E-09
149	0.00	7.5E-10	4.5E-01	7.5E-04	1.0E-03	3.5E-07	1.6E-01	1.4E-02	7.5E-10
150	0.00	9.6E-10	5.7E-01	7.5E-04	1.0E-03	4.5E-07	1.6E-01	1.4E-02	9.6E-10
151	0.00	1.3E-09	7.8E-01	7.5E-04	1.0E-03	6.1E-07	1.6E-01	1.4E-02	1.3E-09
152	0.00	1.9E-09	1.1E+00	7.5E-04	1.0E-03	8.8E-07	1.6E-01	1.4E-02	1.9E-09
153	0.00	2.9E-09	1.7E+00	7.5E-04	1.0E-03	1.4E-06	1.6E-01	1.4E-02	2.9E-09
154	0.06	6.5E-08	3.8E+01	7.5E-04	1.0E-03	3.0E-05	1.6E-01	1.4E-02	6.5E-08
155	0.02	1.9E-08	1.1E+01	7.5E-04	1.0E-03	8.9E-06	1.6E-01	1.4E-02	1.9E-08
156	0.01	9.4E-09	5.6E+00	7.5E-04	1.0E-03	4.4E-06	1.6E-01	1.4E-02	9.4E-09
157	0.01	6.0E-09	3.6E+00	7.5E-04	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.0E-09
158	0.00	4.0E-09	2.4E+00	7.5E-04	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
159	0.00	2.8E-09	1.7E+00	7.5E-04	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
160	0.00	2.1E-09	1.2E+00	7.5E-04	1.0E-03	9.7E-07	1.6E-01	1.4E-02	2.1E-09
161	0.00	6.8E-10	4.0E-01	7.5E-04	1.0E-03	3.2E-07	1.6E-01	1.4E-02	6.8E-10
162	0.00	8.7E-10	5.2E-01	7.5E-04	1.0E-03	4.1E-07	1.6E-01	1.4E-02	8.7E-10
163	0.00	1.2E-09	6.9E-01	7.5E-04	1.0E-03	5.4E-07	1.6E-01	1.4E-02	1.2E-09
164	0.00	1.7E-09	1.0E+00	7.5E-04	1.0E-03	7.9E-07	1.6E-01	1.4E-02	1.7E-09
165	0.00	2.7E-09	1.6E+00	7.5E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
166	0.00	4.5E-09	2.7E+00	7.5E-04	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.5E-09
167	0.01	9.3E-09	5.5E+00	7.5E-04	1.0E-03	4.3E-06	1.6E-01	1.4E-02	9.2E-09
168	0.03	2.5E-08	1.5E+01	7.5E-04	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.5E-08
169	0.04	4.1E-08	2.5E+01	7.5E-04	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.1E-08
170	0.03	2.7E-08	1.6E+01	7.5E-04	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.7E-08
171	0.01	1.3E-08	7.8E+00	7.5E-04	1.0E-03	6.1E-06	1.6E-01	1.4E-02	1.3E-08
172	0.01	6.8E-09	4.0E+00	7.5E-04	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.8E-09
173	0.00	4.4E-09	2.6E+00	7.5E-04	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.4E-09
174	0.00	3.3E-09	1.9E+00	7.5E-04	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
175	0.00	2.4E-09	1.4E+00	7.5E-04	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.3E-09
176	0.00	1.8E-09	1.1E+00	7.5E-04	1.0E-03	8.3E-07	1.6E-01	1.4E-02	1.8E-09
177	0.00	6.4E-10	3.8E-01	7.5E-04	1.0E-03	2.9E-07	1.6E-01	1.4E-02	6.3E-10

178	0.00	8.0E-10	4.8E-01	7.5E-04	1.0E-03	3.7E-07	1.6E-01	1.4E-02	8.0E-10
179	0.00	1.0E-09	6.1E-01	7.5E-04	1.0E-03	4.8E-07	1.6E-01	1.4E-02	1.0E-09
180	0.00	1.5E-09	9.0E-01	7.5E-04	1.0E-03	7.1E-07	1.6E-01	1.4E-02	1.5E-09
181	0.00	2.2E-09	1.3E+00	7.5E-04	1.0E-03	1.0E-06	1.6E-01	1.4E-02	2.2E-09
182	0.00	3.4E-09	2.0E+00	7.5E-04	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.4E-09
183	0.01	5.8E-09	3.4E+00	7.5E-04	1.0E-03	2.7E-06	1.6E-01	1.4E-02	5.8E-09
184	0.01	9.8E-09	5.8E+00	7.5E-04	1.0E-03	4.5E-06	1.6E-01	1.4E-02	9.8E-09
185	0.01	1.3E-08	7.8E+00	7.5E-04	1.0E-03	6.1E-06	1.6E-01	1.4E-02	1.3E-08
186	0.01	1.2E-08	6.9E+00	7.5E-04	1.0E-03	5.4E-06	1.6E-01	1.4E-02	1.2E-08
187	0.01	8.1E-09	4.8E+00	7.5E-04	1.0E-03	3.8E-06	1.6E-01	1.4E-02	8.1E-09
188	0.01	5.4E-09	3.2E+00	7.5E-04	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.4E-09
189	0.00	3.5E-09	2.0E+00	7.5E-04	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.4E-09
190	0.00	2.7E-09	1.6E+00	7.5E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.7E-09
191	0.00	2.0E-09	1.2E+00	7.5E-04	1.0E-03	9.4E-07	1.6E-01	1.4E-02	2.0E-09
192	0.00	1.5E-09	9.2E-01	7.5E-04	1.0E-03	7.2E-07	1.6E-01	1.4E-02	1.5E-09
193	0.00	5.9E-10	3.5E-01	7.5E-04	1.0E-03	2.7E-07	1.6E-01	1.4E-02	5.9E-10
194	0.00	7.5E-10	4.5E-01	7.5E-04	1.0E-03	3.5E-07	1.6E-01	1.4E-02	7.5E-10
195	0.00	1.0E-09	5.9E-01	7.5E-04	1.0E-03	4.6E-07	1.6E-01	1.4E-02	1.0E-09
196	0.00	1.3E-09	7.8E-01	7.5E-04	1.0E-03	6.1E-07	1.6E-01	1.4E-02	1.3E-09
197	0.00	1.8E-09	1.1E+00	7.5E-04	1.0E-03	8.3E-07	1.6E-01	1.4E-02	1.8E-09
198	0.00	2.5E-09	1.5E+00	7.5E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.5E-09
199	0.00	3.8E-09	2.2E+00	7.5E-04	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.8E-09
200	0.01	5.3E-09	3.2E+00	7.5E-04	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.3E-09
201	0.01	6.5E-09	3.9E+00	7.5E-04	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.5E-09
202	0.01	6.3E-09	3.7E+00	7.5E-04	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.3E-09
203	0.00	4.9E-09	2.9E+00	7.5E-04	1.0E-03	2.3E-06	1.6E-01	1.4E-02	4.9E-09
204	0.00	3.8E-09	2.3E+00	7.5E-04	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.8E-09
205	0.00	2.9E-09	1.7E+00	7.5E-04	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.9E-09
206	0.00	2.1E-09	1.2E+00	7.5E-04	1.0E-03	9.7E-07	1.6E-01	1.4E-02	2.1E-09
207	0.00	1.7E-09	1.0E+00	7.5E-04	1.0E-03	8.1E-07	1.6E-01	1.4E-02	1.7E-09
208	0.00	1.4E-09	8.2E-01	7.5E-04	1.0E-03	6.4E-07	1.6E-01	1.4E-02	1.4E-09
209	0.00	5.8E-10	3.4E-01	7.5E-04	1.0E-03	2.7E-07	1.6E-01	1.4E-02	5.8E-10
210	0.00	7.0E-10	4.2E-01	7.5E-04	1.0E-03	3.3E-07	1.6E-01	1.4E-02	7.0E-10
211	0.00	8.8E-10	5.2E-01	7.5E-04	1.0E-03	4.1E-07	1.6E-01	1.4E-02	8.7E-10
212	0.00	1.1E-09	6.5E-01	7.5E-04	1.0E-03	5.1E-07	1.6E-01	1.4E-02	1.1E-09
213	0.00	1.4E-09	8.5E-01	7.5E-04	1.0E-03	6.7E-07	1.6E-01	1.4E-02	1.4E-09
214	0.00	1.9E-09	1.2E+00	7.5E-04	1.0E-03	9.0E-07	1.6E-01	1.4E-02	1.9E-09
215	0.00	2.6E-09	1.6E+00	7.5E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
216	0.00	3.4E-09	2.0E+00	7.5E-04	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.4E-09
217	0.00	3.9E-09	2.3E+00	7.5E-04	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.9E-09
218	0.00	3.9E-09	2.3E+00	7.5E-04	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.9E-09
219	0.00	3.6E-09	2.1E+00	7.5E-04	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.6E-09
220	0.00	3.0E-09	1.8E+00	7.5E-04	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.0E-09
221	0.00	2.4E-09	1.4E+00	7.5E-04	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.4E-09
222	0.00	1.8E-09	1.1E+00	7.5E-04	1.0E-03	8.3E-07	1.6E-01	1.4E-02	1.8E-09
223	0.00	1.4E-09	8.4E-01	7.5E-04	1.0E-03	6.6E-07	1.6E-01	1.4E-02	1.4E-09

224	0.00	1.2E-09	7.4E-01	7.5E-04	1.0E-03	5.8E-07	1.6E-01	1.4E-02	1.2E-09
225	0.00	5.3E-10	3.1E-01	7.5E-04	1.0E-03	2.5E-07	1.6E-01	1.4E-02	5.3E-10
226	0.00	6.3E-10	3.7E-01	7.5E-04	1.0E-03	2.9E-07	1.6E-01	1.4E-02	6.3E-10
227	0.00	7.6E-10	4.5E-01	7.5E-04	1.0E-03	3.5E-07	1.6E-01	1.4E-02	7.6E-10
228	0.00	9.4E-10	5.6E-01	7.5E-04	1.0E-03	4.3E-07	1.6E-01	1.4E-02	9.3E-10
229	0.00	1.2E-09	7.0E-01	7.5E-04	1.0E-03	5.5E-07	1.6E-01	1.4E-02	1.2E-09
230	0.00	1.5E-09	9.0E-01	7.5E-04	1.0E-03	7.0E-07	1.6E-01	1.4E-02	1.5E-09
231	0.00	1.9E-09	1.1E+00	7.5E-04	1.0E-03	8.9E-07	1.6E-01	1.4E-02	1.9E-09
232	0.00	2.3E-09	1.4E+00	7.5E-04	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.3E-09
233	0.00	2.6E-09	1.6E+00	7.5E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
234	0.00	2.7E-09	1.6E+00	7.5E-04	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.7E-09
235	0.00	2.6E-09	1.5E+00	7.5E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
236	0.00	2.3E-09	1.4E+00	7.5E-04	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.3E-09
237	0.00	2.0E-09	1.2E+00	7.5E-04	1.0E-03	9.2E-07	1.6E-01	1.4E-02	2.0E-09
238	0.00	1.6E-09	9.7E-01	7.5E-04	1.0E-03	7.6E-07	1.6E-01	1.4E-02	1.6E-09
239	0.00	1.2E-09	7.4E-01	7.5E-04	1.0E-03	5.8E-07	1.6E-01	1.4E-02	1.2E-09
240	0.00	1.0E-09	6.1E-01	7.5E-04	1.0E-03	4.8E-07	1.6E-01	1.4E-02	1.0E-09
241	0.00	4.7E-10	2.8E-01	7.5E-04	1.0E-03	2.2E-07	1.6E-01	1.4E-02	4.7E-10
242	0.00	5.6E-10	3.3E-01	7.5E-04	1.0E-03	2.6E-07	1.6E-01	1.4E-02	5.5E-10
243	0.00	6.6E-10	3.9E-01	7.5E-04	1.0E-03	3.1E-07	1.6E-01	1.4E-02	6.6E-10
244	0.00	7.9E-10	4.7E-01	7.5E-04	1.0E-03	3.7E-07	1.6E-01	1.4E-02	7.9E-10
245	0.00	9.7E-10	5.7E-01	7.5E-04	1.0E-03	4.5E-07	1.6E-01	1.4E-02	9.7E-10
246	0.00	1.2E-09	7.0E-01	7.5E-04	1.0E-03	5.5E-07	1.6E-01	1.4E-02	1.2E-09
247	0.00	1.5E-09	8.6E-01	7.5E-04	1.0E-03	6.7E-07	1.6E-01	1.4E-02	1.5E-09
248	0.00	1.7E-09	1.0E+00	7.5E-04	1.0E-03	7.9E-07	1.6E-01	1.4E-02	1.7E-09
249	0.00	1.9E-09	1.1E+00	7.5E-04	1.0E-03	8.8E-07	1.6E-01	1.4E-02	1.9E-09
250	0.00	2.0E-09	1.2E+00	7.5E-04	1.0E-03	9.2E-07	1.6E-01	1.4E-02	2.0E-09
251	0.00	1.9E-09	1.1E+00	7.5E-04	1.0E-03	9.0E-07	1.6E-01	1.4E-02	1.9E-09
252	0.00	1.8E-09	1.1E+00	7.5E-04	1.0E-03	8.3E-07	1.6E-01	1.4E-02	1.8E-09
253	0.00	1.6E-09	9.5E-01	7.5E-04	1.0E-03	7.4E-07	1.6E-01	1.4E-02	1.6E-09
254	0.00	1.4E-09	8.2E-01	7.5E-04	1.0E-03	6.4E-07	1.6E-01	1.4E-02	1.4E-09
255	0.00	1.2E-09	6.9E-01	7.5E-04	1.0E-03	5.4E-07	1.6E-01	1.4E-02	1.2E-09
256	0.00	9.2E-10	5.4E-01	7.5E-04	1.0E-03	4.2E-07	1.6E-01	1.4E-02	9.1E-10
257	0.00	4.3E-10	2.5E-01	7.5E-04	1.0E-03	2.0E-07	1.6E-01	1.4E-02	4.3E-10
258	0.00	4.9E-10	2.9E-01	7.5E-04	1.0E-03	2.3E-07	1.6E-01	1.4E-02	4.9E-10
259	0.00	5.7E-10	3.4E-01	7.5E-04	1.0E-03	2.7E-07	1.6E-01	1.4E-02	5.7E-10
260	0.00	6.8E-10	4.0E-01	7.5E-04	1.0E-03	3.1E-07	1.6E-01	1.4E-02	6.8E-10
261	0.00	8.1E-10	4.8E-01	7.5E-04	1.0E-03	3.8E-07	1.6E-01	1.4E-02	8.1E-10
262	0.00	9.7E-10	5.7E-01	7.5E-04	1.0E-03	4.5E-07	1.6E-01	1.4E-02	9.6E-10
263	0.00	1.1E-09	6.8E-01	7.5E-04	1.0E-03	5.3E-07	1.6E-01	1.4E-02	1.1E-09
264	0.00	1.3E-09	7.8E-01	7.5E-04	1.0E-03	6.1E-07	1.6E-01	1.4E-02	1.3E-09
265	0.00	1.4E-09	8.5E-01	7.5E-04	1.0E-03	6.7E-07	1.6E-01	1.4E-02	1.4E-09
266	0.00	1.5E-09	8.9E-01	7.5E-04	1.0E-03	6.9E-07	1.6E-01	1.4E-02	1.5E-09
267	0.00	1.5E-09	8.8E-01	7.5E-04	1.0E-03	6.9E-07	1.6E-01	1.4E-02	1.5E-09
268	0.00	1.4E-09	8.4E-01	7.5E-04	1.0E-03	6.6E-07	1.6E-01	1.4E-02	1.4E-09
269	0.00	1.3E-09	7.7E-01	7.5E-04	1.0E-03	6.0E-07	1.6E-01	1.4E-02	1.3E-09

270	0.00	1.2E-09	6.9E-01	7.5E-04	1.0E-03	5.4E-07	1.6E-01	1.4E-02	1.2E-09
271	0.00	1.0E-09	6.0E-01	7.5E-04	1.0E-03	4.7E-07	1.6E-01	1.4E-02	1.0E-09
272	0.00	8.2E-10	4.9E-01	7.5E-04	1.0E-03	3.8E-07	1.6E-01	1.4E-02	8.2E-10
273	0.00	2.4E-09	1.4E+00	7.5E-04	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.4E-09
274	0.00	2.6E-09	1.5E+00	7.5E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.5E-09
275	0.00	2.8E-09	1.6E+00	7.5E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.7E-09
276	0.00	3.0E-09	1.7E+00	7.5E-04	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
277	0.00	3.2E-09	1.8E+00	7.5E-04	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.0E-09
278	0.00	3.5E-09	1.9E+00	7.5E-04	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.2E-09
279	0.00	3.7E-09	2.0E+00	7.5E-04	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.4E-09
280	0.00	3.9E-09	2.1E+00	7.5E-04	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.6E-09
281	0.00	4.1E-09	2.3E+00	7.5E-04	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.8E-09
282	0.00	4.3E-09	2.4E+00	7.5E-04	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.0E-09
283	0.00	4.5E-09	2.6E+00	7.5E-04	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.3E-09
284	0.00	4.7E-09	2.7E+00	7.5E-04	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.5E-09
285	0.00	4.9E-09	2.8E+00	7.5E-04	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.7E-09
286	0.01	5.1E-09	3.0E+00	7.5E-04	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.0E-09
287	0.01	5.4E-09	3.1E+00	7.5E-04	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.3E-09
288	0.01	5.6E-09	3.3E+00	7.5E-04	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.5E-09
289	0.01	5.9E-09	3.5E+00	7.5E-04	1.0E-03	2.7E-06	1.6E-01	1.4E-02	5.9E-09
290	0.01	6.3E-09	3.7E+00	7.5E-04	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.2E-09
291	0.01	6.5E-09	3.8E+00	7.5E-04	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.4E-09
292	0.01	6.7E-09	3.9E+00	7.5E-04	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.6E-09
293	0.01	6.8E-09	4.0E+00	7.5E-04	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.7E-09
294	0.01	6.8E-09	4.0E+00	7.5E-04	1.0E-03	3.2E-06	1.6E-01	1.4E-02	6.8E-09
295	0.01	6.9E-09	4.1E+00	7.5E-04	1.0E-03	3.2E-06	1.6E-01	1.4E-02	6.8E-09
296	0.01	6.9E-09	4.0E+00	7.5E-04	1.0E-03	3.2E-06	1.6E-01	1.4E-02	6.8E-09
297	0.01	6.8E-09	4.0E+00	7.5E-04	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.8E-09
298	0.01	6.7E-09	4.0E+00	7.5E-04	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.7E-09
299	0.00	2.6E-09	1.5E+00	7.5E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.5E-09
300	0.00	2.8E-09	1.6E+00	7.5E-04	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.7E-09
301	0.00	3.0E-09	1.7E+00	7.5E-04	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.9E-09
302	0.00	3.3E-09	1.8E+00	7.5E-04	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.1E-09
303	0.00	3.4E-09	2.0E+00	7.5E-04	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
304	0.00	3.6E-09	2.1E+00	7.5E-04	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.6E-09
305	0.00	3.9E-09	2.2E+00	7.5E-04	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.8E-09
306	0.00	4.2E-09	2.4E+00	7.5E-04	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.0E-09
307	0.00	4.5E-09	2.5E+00	7.5E-04	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.3E-09
308	0.00	4.7E-09	2.7E+00	7.5E-04	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.6E-09
309	0.00	5.0E-09	2.9E+00	7.5E-04	1.0E-03	2.3E-06	1.6E-01	1.4E-02	4.9E-09
310	0.01	5.4E-09	3.0E+00	7.5E-04	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.1E-09
311	0.01	5.6E-09	3.2E+00	7.5E-04	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.4E-09
312	0.01	5.9E-09	3.4E+00	7.5E-04	1.0E-03	2.7E-06	1.6E-01	1.4E-02	5.7E-09
313	0.01	6.3E-09	3.6E+00	7.5E-04	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.1E-09
314	0.01	6.6E-09	3.8E+00	7.5E-04	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.4E-09
315	0.01	6.9E-09	4.0E+00	7.5E-04	1.0E-03	3.2E-06	1.6E-01	1.4E-02	6.8E-09

316	0.01	7.3E-09	4.3E+00	7.5E-04	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.2E-09
317	0.01	7.5E-09	4.4E+00	7.5E-04	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.5E-09
318	0.01	7.7E-09	4.5E+00	7.5E-04	1.0E-03	3.6E-06	1.6E-01	1.4E-02	7.6E-09
319	0.01	7.8E-09	4.6E+00	7.5E-04	1.0E-03	3.6E-06	1.6E-01	1.4E-02	7.7E-09
320	0.01	7.8E-09	4.6E+00	7.5E-04	1.0E-03	3.6E-06	1.6E-01	1.4E-02	7.8E-09
321	0.01	7.8E-09	4.6E+00	7.5E-04	1.0E-03	3.6E-06	1.6E-01	1.4E-02	7.8E-09
322	0.01	7.7E-09	4.6E+00	7.5E-04	1.0E-03	3.6E-06	1.6E-01	1.4E-02	7.7E-09
323	0.01	7.6E-09	4.5E+00	7.5E-04	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.6E-09
324	0.01	7.5E-09	4.4E+00	7.5E-04	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.4E-09
325	0.00	2.8E-09	1.6E+00	7.5E-04	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.7E-09
326	0.00	3.0E-09	1.7E+00	7.5E-04	1.0E-03	1.4E-06	1.6E-01	1.4E-02	2.9E-09
327	0.00	3.3E-09	1.9E+00	7.5E-04	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.1E-09
328	0.00	3.6E-09	2.0E+00	7.5E-04	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.4E-09
329	0.00	3.7E-09	2.2E+00	7.5E-04	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.6E-09
330	0.00	4.0E-09	2.3E+00	7.5E-04	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.9E-09
331	0.00	4.4E-09	2.5E+00	7.5E-04	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.2E-09
332	0.00	4.5E-09	2.7E+00	7.5E-04	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.5E-09
333	0.00	4.8E-09	2.9E+00	7.5E-04	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09
334	0.01	5.4E-09	3.1E+00	7.5E-04	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.2E-09
335	0.01	5.7E-09	3.3E+00	7.5E-04	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.6E-09
336	0.01	6.0E-09	3.5E+00	7.5E-04	1.0E-03	2.7E-06	1.6E-01	1.4E-02	5.9E-09
337	0.01	6.5E-09	3.7E+00	7.5E-04	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.3E-09
338	0.01	6.9E-09	4.0E+00	7.5E-04	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.7E-09
339	0.01	7.3E-09	4.3E+00	7.5E-04	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.2E-09
340	0.01	7.7E-09	4.5E+00	7.5E-04	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.6E-09
341	0.01	8.1E-09	4.8E+00	7.5E-04	1.0E-03	3.7E-06	1.6E-01	1.4E-02	8.0E-09
342	0.01	8.5E-09	5.0E+00	7.5E-04	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.4E-09
343	0.01	8.8E-09	5.2E+00	7.5E-04	1.0E-03	4.1E-06	1.6E-01	1.4E-02	8.8E-09
344	0.01	8.9E-09	5.3E+00	7.5E-04	1.0E-03	4.1E-06	1.6E-01	1.4E-02	8.9E-09
345	0.01	9.0E-09	5.3E+00	7.5E-04	1.0E-03	4.2E-06	1.6E-01	1.4E-02	8.9E-09
346	0.01	8.9E-09	5.3E+00	7.5E-04	1.0E-03	4.1E-06	1.6E-01	1.4E-02	8.9E-09
347	0.01	8.9E-09	5.2E+00	7.5E-04	1.0E-03	4.1E-06	1.6E-01	1.4E-02	8.8E-09
348	0.01	8.7E-09	5.2E+00	7.5E-04	1.0E-03	4.0E-06	1.6E-01	1.4E-02	8.7E-09
349	0.01	8.5E-09	5.0E+00	7.5E-04	1.0E-03	4.0E-06	1.6E-01	1.4E-02	8.5E-09
350	0.01	8.3E-09	4.9E+00	7.5E-04	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.3E-09
351	0.00	3.0E-09	1.7E+00	7.5E-04	1.0E-03	1.4E-06	1.6E-01	1.4E-02	2.9E-09
352	0.00	3.3E-09	1.9E+00	7.5E-04	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.2E-09
353	0.00	3.6E-09	2.0E+00	7.5E-04	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.4E-09
354	0.00	3.8E-09	2.2E+00	7.5E-04	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09
355	0.00	4.1E-09	2.4E+00	7.5E-04	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.0E-09
356	0.00	4.5E-09	2.6E+00	7.5E-04	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.4E-09
357	0.00	4.7E-09	2.8E+00	7.5E-04	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.7E-09
358	0.01	5.1E-09	3.0E+00	7.5E-04	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.1E-09
359	0.01	5.5E-09	3.3E+00	7.5E-04	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.5E-09
360	0.01	6.2E-09	3.5E+00	7.5E-04	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.0E-09
361	0.01	6.6E-09	3.8E+00	7.5E-04	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.4E-09

362	0.01	7.0E-09	4.1E+00	7.5E-04	1.0E-03	3.2E-06	1.6E-01	1.4E-02	6.9E-09
363	0.01	7.7E-09	4.4E+00	7.5E-04	1.0E-03	3.4E-06	1.6E-01	1.4E-02	7.4E-09
364	0.01	8.1E-09	4.7E+00	7.5E-04	1.0E-03	3.7E-06	1.6E-01	1.4E-02	7.9E-09
365	0.01	8.7E-09	5.1E+00	7.5E-04	1.0E-03	4.0E-06	1.6E-01	1.4E-02	8.5E-09
366	0.01	9.2E-09	5.4E+00	7.5E-04	1.0E-03	4.2E-06	1.6E-01	1.4E-02	9.1E-09
367	0.01	9.7E-09	5.7E+00	7.5E-04	1.0E-03	4.5E-06	1.6E-01	1.4E-02	9.6E-09
368	0.01	1.0E-08	6.0E+00	7.5E-04	1.0E-03	4.7E-06	1.6E-01	1.4E-02	1.0E-08
369	0.01	1.0E-08	6.1E+00	7.5E-04	1.0E-03	4.8E-06	1.6E-01	1.4E-02	1.0E-08
370	0.01	1.0E-08	6.2E+00	7.5E-04	1.0E-03	4.8E-06	1.6E-01	1.4E-02	1.0E-08
371	0.01	1.0E-08	6.2E+00	7.5E-04	1.0E-03	4.8E-06	1.6E-01	1.4E-02	1.0E-08
372	0.01	1.0E-08	6.1E+00	7.5E-04	1.0E-03	4.8E-06	1.6E-01	1.4E-02	1.0E-08
373	0.01	1.0E-08	6.0E+00	7.5E-04	1.0E-03	4.7E-06	1.6E-01	1.4E-02	1.0E-08
374	0.01	9.8E-09	5.8E+00	7.5E-04	1.0E-03	4.6E-06	1.6E-01	1.4E-02	9.8E-09
375	0.01	9.6E-09	5.7E+00	7.5E-04	1.0E-03	4.4E-06	1.6E-01	1.4E-02	9.5E-09
376	0.01	9.2E-09	5.5E+00	7.5E-04	1.0E-03	4.3E-06	1.6E-01	1.4E-02	9.2E-09
377	0.00	3.2E-09	1.9E+00	7.5E-04	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.1E-09
378	0.00	3.5E-09	2.0E+00	7.5E-04	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.4E-09
379	0.00	3.9E-09	2.2E+00	7.5E-04	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09
380	0.00	4.1E-09	2.4E+00	7.5E-04	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.0E-09
381	0.00	4.5E-09	2.6E+00	7.5E-04	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.4E-09
382	0.01	1.2E-08	7.0E+00	7.5E-04	1.0E-03	5.4E-06	1.6E-01	1.4E-02	1.2E-08
383	0.01	1.2E-08	7.2E+00	7.5E-04	1.0E-03	5.6E-06	1.6E-01	1.4E-02	1.2E-08
384	0.01	1.2E-08	7.3E+00	7.5E-04	1.0E-03	5.7E-06	1.6E-01	1.4E-02	1.2E-08
385	0.01	1.2E-08	7.3E+00	7.5E-04	1.0E-03	5.7E-06	1.6E-01	1.4E-02	1.2E-08
386	0.01	1.2E-08	7.2E+00	7.5E-04	1.0E-03	5.6E-06	1.6E-01	1.4E-02	1.2E-08
387	0.01	1.2E-08	7.0E+00	7.5E-04	1.0E-03	5.5E-06	1.6E-01	1.4E-02	1.2E-08
388	0.01	1.2E-08	6.8E+00	7.5E-04	1.0E-03	5.3E-06	1.6E-01	1.4E-02	1.1E-08
389	0.01	1.1E-08	6.6E+00	7.5E-04	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08
390	0.01	1.1E-08	6.3E+00	7.5E-04	1.0E-03	4.9E-06	1.6E-01	1.4E-02	1.1E-08
391	0.01	1.0E-08	6.1E+00	7.5E-04	1.0E-03	4.7E-06	1.6E-01	1.4E-02	1.0E-08
392	0.00	3.4E-09	2.0E+00	7.5E-04	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.4E-09
393	0.00	3.8E-09	2.2E+00	7.5E-04	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09
394	0.00	4.2E-09	2.4E+00	7.5E-04	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.0E-09
395	0.00	4.5E-09	2.6E+00	7.5E-04	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.4E-09
396	0.00	5.0E-09	2.9E+00	7.5E-04	1.0E-03	2.3E-06	1.6E-01	1.4E-02	4.9E-09
397	0.01	1.5E-08	8.6E+00	7.5E-04	1.0E-03	6.7E-06	1.6E-01	1.4E-02	1.5E-08
398	0.01	1.5E-08	8.8E+00	7.5E-04	1.0E-03	6.9E-06	1.6E-01	1.4E-02	1.5E-08
399	0.01	1.5E-08	8.8E+00	7.5E-04	1.0E-03	6.9E-06	1.6E-01	1.4E-02	1.5E-08
400	0.01	1.5E-08	8.7E+00	7.5E-04	1.0E-03	6.8E-06	1.6E-01	1.4E-02	1.5E-08
401	0.01	1.4E-08	8.4E+00	7.5E-04	1.0E-03	6.6E-06	1.6E-01	1.4E-02	1.4E-08
402	0.01	1.4E-08	8.1E+00	7.5E-04	1.0E-03	6.3E-06	1.6E-01	1.4E-02	1.4E-08
403	0.01	1.3E-08	7.7E+00	7.5E-04	1.0E-03	6.1E-06	1.6E-01	1.4E-02	1.3E-08
404	0.01	1.2E-08	7.4E+00	7.5E-04	1.0E-03	5.8E-06	1.6E-01	1.4E-02	1.2E-08
405	0.01	1.2E-08	7.0E+00	7.5E-04	1.0E-03	5.5E-06	1.6E-01	1.4E-02	1.2E-08
406	0.01	1.1E-08	6.7E+00	7.5E-04	1.0E-03	5.2E-06	1.6E-01	1.4E-02	1.1E-08
407	0.00	3.7E-09	2.1E+00	7.5E-04	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.6E-09

408	0.00	4.0E-09	2.3E+00	7.5E-04	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.9E-09
409	0.00	4.4E-09	2.6E+00	7.5E-04	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.3E-09
410	0.00	5.0E-09	2.8E+00	7.5E-04	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09
411	0.01	5.4E-09	3.2E+00	7.5E-04	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.3E-09
412	0.02	1.8E-08	1.1E+01	7.5E-04	1.0E-03	8.5E-06	1.6E-01	1.4E-02	1.8E-08
413	0.02	1.9E-08	1.1E+01	7.5E-04	1.0E-03	8.6E-06	1.6E-01	1.4E-02	1.8E-08
414	0.02	1.8E-08	1.1E+01	7.5E-04	1.0E-03	8.4E-06	1.6E-01	1.4E-02	1.8E-08
415	0.02	1.7E-08	1.0E+01	7.5E-04	1.0E-03	8.1E-06	1.6E-01	1.4E-02	1.7E-08
416	0.02	1.7E-08	9.8E+00	7.5E-04	1.0E-03	7.7E-06	1.6E-01	1.4E-02	1.7E-08
417	0.02	1.6E-08	9.3E+00	7.5E-04	1.0E-03	7.3E-06	1.6E-01	1.4E-02	1.6E-08
418	0.01	1.5E-08	8.8E+00	7.5E-04	1.0E-03	6.9E-06	1.6E-01	1.4E-02	1.5E-08
419	0.01	1.4E-08	8.3E+00	7.5E-04	1.0E-03	6.5E-06	1.6E-01	1.4E-02	1.4E-08
420	0.01	1.3E-08	7.8E+00	7.5E-04	1.0E-03	6.1E-06	1.6E-01	1.4E-02	1.3E-08
421	0.01	1.2E-08	7.3E+00	7.5E-04	1.0E-03	5.7E-06	1.6E-01	1.4E-02	1.2E-08
422	0.00	3.9E-09	2.3E+00	7.5E-04	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.8E-09
423	0.00	4.3E-09	2.5E+00	7.5E-04	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.2E-09
424	0.00	4.8E-09	2.8E+00	7.5E-04	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.7E-09
425	0.01	5.3E-09	3.1E+00	7.5E-04	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.2E-09
426	0.01	6.0E-09	3.5E+00	7.5E-04	1.0E-03	2.7E-06	1.6E-01	1.4E-02	5.9E-09
427	0.02	2.4E-08	1.4E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
428	0.02	2.3E-08	1.4E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.3E-08
429	0.02	2.2E-08	1.3E+01	7.5E-04	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08
430	0.02	2.1E-08	1.2E+01	7.5E-04	1.0E-03	9.6E-06	1.6E-01	1.4E-02	2.1E-08
431	0.02	1.9E-08	1.1E+01	7.5E-04	1.0E-03	8.9E-06	1.6E-01	1.4E-02	1.9E-08
432	0.02	1.8E-08	1.1E+01	7.5E-04	1.0E-03	8.3E-06	1.6E-01	1.4E-02	1.8E-08
433	0.02	1.7E-08	9.9E+00	7.5E-04	1.0E-03	7.8E-06	1.6E-01	1.4E-02	1.7E-08
434	0.02	1.6E-08	9.2E+00	7.5E-04	1.0E-03	7.2E-06	1.6E-01	1.4E-02	1.6E-08
435	0.01	1.4E-08	8.6E+00	7.5E-04	1.0E-03	6.7E-06	1.6E-01	1.4E-02	1.4E-08
436	0.01	1.4E-08	8.0E+00	7.5E-04	1.0E-03	6.3E-06	1.6E-01	1.4E-02	1.3E-08
437	0.00	4.1E-09	2.4E+00	7.5E-04	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.1E-09
438	0.00	4.6E-09	2.7E+00	7.5E-04	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.5E-09
439	0.01	5.1E-09	3.0E+00	7.5E-04	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.0E-09
440	0.01	5.7E-09	3.3E+00	7.5E-04	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.6E-09
441	0.01	6.6E-09	3.8E+00	7.5E-04	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.4E-09
442	0.03	3.1E-08	1.9E+01	7.5E-04	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.1E-08
443	0.03	2.9E-08	1.7E+01	7.5E-04	1.0E-03	1.4E-05	1.6E-01	1.4E-02	2.9E-08
444	0.03	2.7E-08	1.6E+01	7.5E-04	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.7E-08
445	0.02	2.4E-08	1.4E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
446	0.02	2.2E-08	1.3E+01	7.5E-04	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08
447	0.02	2.0E-08	1.2E+01	7.5E-04	1.0E-03	9.5E-06	1.6E-01	1.4E-02	2.0E-08
448	0.02	1.9E-08	1.1E+01	7.5E-04	1.0E-03	8.7E-06	1.6E-01	1.4E-02	1.9E-08
449	0.02	1.7E-08	1.0E+01	7.5E-04	1.0E-03	8.0E-06	1.6E-01	1.4E-02	1.7E-08
450	0.02	1.6E-08	9.4E+00	7.5E-04	1.0E-03	7.4E-06	1.6E-01	1.4E-02	1.6E-08
451	0.01	1.5E-08	8.7E+00	7.5E-04	1.0E-03	6.8E-06	1.6E-01	1.4E-02	1.5E-08
452	0.00	4.3E-09	2.5E+00	7.5E-04	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.3E-09
453	0.00	4.8E-09	2.8E+00	7.5E-04	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09

454	0.01	5.5E-09	3.2E+00	7.5E-04	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.4E-09
455	0.01	6.2E-09	3.6E+00	7.5E-04	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.1E-09
456	0.01	7.2E-09	4.2E+00	7.5E-04	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.1E-09
457	0.04	4.1E-08	2.5E+01	7.5E-04	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.1E-08
458	0.04	3.6E-08	2.2E+01	7.5E-04	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.6E-08
459	0.03	3.2E-08	1.9E+01	7.5E-04	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.2E-08
460	0.03	2.8E-08	1.7E+01	7.5E-04	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.8E-08
461	0.03	2.5E-08	1.5E+01	7.5E-04	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.5E-08
462	0.02	2.3E-08	1.4E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.3E-08
463	0.02	2.1E-08	1.2E+01	7.5E-04	1.0E-03	9.7E-06	1.6E-01	1.4E-02	2.1E-08
464	0.02	1.9E-08	1.1E+01	7.5E-04	1.0E-03	8.8E-06	1.6E-01	1.4E-02	1.9E-08
465	0.02	1.7E-08	1.0E+01	7.5E-04	1.0E-03	8.0E-06	1.6E-01	1.4E-02	1.7E-08
466	0.02	1.6E-08	9.4E+00	7.5E-04	1.0E-03	7.3E-06	1.6E-01	1.4E-02	1.6E-08
467	0.00	4.5E-09	2.7E+00	7.5E-04	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.5E-09
468	0.01	5.1E-09	3.0E+00	7.5E-04	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.1E-09
469	0.01	5.8E-09	3.4E+00	7.5E-04	1.0E-03	2.7E-06	1.6E-01	1.4E-02	5.7E-09
470	0.01	6.7E-09	3.9E+00	7.5E-04	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.6E-09
471	0.01	7.8E-09	4.6E+00	7.5E-04	1.0E-03	3.6E-06	1.6E-01	1.4E-02	7.7E-09
472	0.05	5.3E-08	3.1E+01	7.5E-04	1.0E-03	2.5E-05	1.6E-01	1.4E-02	5.3E-08
473	0.04	4.4E-08	2.6E+01	7.5E-04	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.4E-08
474	0.04	3.7E-08	2.2E+01	7.5E-04	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.7E-08
475	0.03	3.3E-08	1.9E+01	7.5E-04	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.3E-08
476	0.03	2.9E-08	1.7E+01	7.5E-04	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.9E-08
477	0.03	2.6E-08	1.5E+01	7.5E-04	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.6E-08
478	0.02	2.3E-08	1.4E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.3E-08
479	0.02	2.1E-08	1.2E+01	7.5E-04	1.0E-03	9.6E-06	1.6E-01	1.4E-02	2.1E-08
480	0.02	1.9E-08	1.1E+01	7.5E-04	1.0E-03	8.7E-06	1.6E-01	1.4E-02	1.9E-08
481	0.02	1.7E-08	1.0E+01	7.5E-04	1.0E-03	7.9E-06	1.6E-01	1.4E-02	1.7E-08
482	0.00	4.8E-09	2.8E+00	7.5E-04	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.7E-09
483	0.01	5.4E-09	3.2E+00	7.5E-04	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.3E-09
484	0.01	6.1E-09	3.6E+00	7.5E-04	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.1E-09
485	0.01	7.1E-09	4.2E+00	7.5E-04	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.1E-09
486	0.01	8.4E-09	5.0E+00	7.5E-04	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.4E-09
487	0.06	6.3E-08	3.8E+01	7.5E-04	1.0E-03	2.9E-05	1.6E-01	1.4E-02	6.3E-08
488	0.05	5.1E-08	3.0E+01	7.5E-04	1.0E-03	2.4E-05	1.6E-01	1.4E-02	5.1E-08
489	0.04	4.3E-08	2.5E+01	7.5E-04	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.3E-08
490	0.04	3.7E-08	2.2E+01	7.5E-04	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.7E-08
491	0.03	3.2E-08	1.9E+01	7.5E-04	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.2E-08
492	0.03	2.8E-08	1.7E+01	7.5E-04	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.8E-08
493	0.03	2.5E-08	1.5E+01	7.5E-04	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.5E-08
494	0.02	2.2E-08	1.3E+01	7.5E-04	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08
495	0.02	2.0E-08	1.2E+01	7.5E-04	1.0E-03	9.4E-06	1.6E-01	1.4E-02	2.0E-08
496	0.02	1.8E-08	1.1E+01	7.5E-04	1.0E-03	8.4E-06	1.6E-01	1.4E-02	1.8E-08
497	0.00	5.0E-09	2.9E+00	7.5E-04	1.0E-03	2.3E-06	1.6E-01	1.4E-02	4.9E-09
498	0.01	5.6E-09	3.3E+00	7.5E-04	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.6E-09
499	0.01	6.5E-09	3.8E+00	7.5E-04	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.5E-09

500	0.01	7.6E-09	4.5E+00	7.5E-04	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.6E-09
501	0.01	9.1E-09	5.4E+00	7.5E-04	1.0E-03	4.2E-06	1.6E-01	1.4E-02	9.0E-09
502	0.07	7.2E-08	4.2E+01	7.5E-04	1.0E-03	3.3E-05	1.6E-01	1.4E-02	7.1E-08
503	0.06	5.7E-08	3.4E+01	7.5E-04	1.0E-03	2.7E-05	1.6E-01	1.4E-02	5.7E-08
504	0.05	4.7E-08	2.8E+01	7.5E-04	1.0E-03	2.2E-05	1.6E-01	1.4E-02	4.7E-08
505	0.04	4.0E-08	2.4E+01	7.5E-04	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.0E-08
506	0.04	3.5E-08	2.1E+01	7.5E-04	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.5E-08
507	0.03	3.1E-08	1.8E+01	7.5E-04	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.1E-08
508	0.03	2.7E-08	1.6E+01	7.5E-04	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.7E-08
509	0.02	2.4E-08	1.4E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
510	0.02	2.1E-08	1.3E+01	7.5E-04	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.1E-08
511	0.02	1.9E-08	1.1E+01	7.5E-04	1.0E-03	8.9E-06	1.6E-01	1.4E-02	1.9E-08
512	0.01	5.1E-09	3.0E+00	7.5E-04	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.1E-09
513	0.01	5.9E-09	3.5E+00	7.5E-04	1.0E-03	2.7E-06	1.6E-01	1.4E-02	5.8E-09
514	0.01	6.8E-09	4.0E+00	7.5E-04	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.7E-09
515	0.01	8.0E-09	4.7E+00	7.5E-04	1.0E-03	3.7E-06	1.6E-01	1.4E-02	8.0E-09
516	0.01	9.7E-09	5.7E+00	7.5E-04	1.0E-03	4.5E-06	1.6E-01	1.4E-02	9.6E-09
517	0.08	7.8E-08	4.6E+01	7.5E-04	1.0E-03	3.6E-05	1.6E-01	1.4E-02	7.8E-08
518	0.06	6.3E-08	3.7E+01	7.5E-04	1.0E-03	2.9E-05	1.6E-01	1.4E-02	6.3E-08
519	0.05	5.2E-08	3.1E+01	7.5E-04	1.0E-03	2.4E-05	1.6E-01	1.4E-02	5.2E-08
520	0.04	4.4E-08	2.6E+01	7.5E-04	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.4E-08
521	0.04	3.8E-08	2.3E+01	7.5E-04	1.0E-03	1.8E-05	1.6E-01	1.4E-02	3.8E-08
522	0.03	3.3E-08	2.0E+01	7.5E-04	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.3E-08
523	0.03	2.9E-08	1.7E+01	7.5E-04	1.0E-03	1.4E-05	1.6E-01	1.4E-02	2.9E-08
524	0.03	2.6E-08	1.5E+01	7.5E-04	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.6E-08
525	0.02	2.3E-08	1.3E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.3E-08
526	0.02	2.0E-08	1.2E+01	7.5E-04	1.0E-03	9.3E-06	1.6E-01	1.4E-02	2.0E-08
527	0.01	5.3E-09	3.1E+00	7.5E-04	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.2E-09
528	0.01	6.1E-09	3.6E+00	7.5E-04	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.0E-09
529	0.01	7.1E-09	4.2E+00	7.5E-04	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.0E-09
530	0.01	8.4E-09	5.0E+00	7.5E-04	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.4E-09
531	0.01	1.0E-08	6.0E+00	7.5E-04	1.0E-03	4.7E-06	1.6E-01	1.4E-02	1.0E-08
532	0.08	8.4E-08	5.0E+01	7.5E-04	1.0E-03	3.9E-05	1.6E-01	1.4E-02	8.4E-08
533	0.07	6.9E-08	4.1E+01	7.5E-04	1.0E-03	3.2E-05	1.6E-01	1.4E-02	6.9E-08
534	0.06	5.7E-08	3.4E+01	7.5E-04	1.0E-03	2.6E-05	1.6E-01	1.4E-02	5.7E-08
535	0.05	4.8E-08	2.8E+01	7.5E-04	1.0E-03	2.2E-05	1.6E-01	1.4E-02	4.8E-08
536	0.04	4.1E-08	2.4E+01	7.5E-04	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.1E-08
537	0.04	3.5E-08	2.1E+01	7.5E-04	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.5E-08
538	0.03	3.1E-08	1.8E+01	7.5E-04	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.1E-08
539	0.03	2.7E-08	1.6E+01	7.5E-04	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.7E-08
540	0.02	2.3E-08	1.4E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.3E-08
541	0.02	2.0E-08	1.2E+01	7.5E-04	1.0E-03	9.5E-06	1.6E-01	1.4E-02	2.0E-08
542	0.01	5.4E-09	3.2E+00	7.5E-04	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.4E-09
543	0.01	6.2E-09	3.7E+00	7.5E-04	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.2E-09
544	0.01	7.3E-09	4.3E+00	7.5E-04	1.0E-03	3.4E-06	1.6E-01	1.4E-02	7.3E-09
545	0.01	8.7E-09	5.1E+00	7.5E-04	1.0E-03	4.0E-06	1.6E-01	1.4E-02	8.7E-09

546	0.01	1.1E-08	6.3E+00	7.5E-04	1.0E-03	4.9E-06	1.6E-01	1.4E-02	1.1E-08
547	0.09	9.4E-08	5.6E+01	7.5E-04	1.0E-03	4.4E-05	1.6E-01	1.4E-02	9.4E-08
548	0.08	7.6E-08	4.5E+01	7.5E-04	1.0E-03	3.5E-05	1.6E-01	1.4E-02	7.6E-08
549	0.06	6.2E-08	3.7E+01	7.5E-04	1.0E-03	2.9E-05	1.6E-01	1.4E-02	6.2E-08
550	0.05	5.2E-08	3.1E+01	7.5E-04	1.0E-03	2.4E-05	1.6E-01	1.4E-02	5.2E-08
551	0.04	4.2E-08	2.5E+01	7.5E-04	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.2E-08
552	0.04	3.6E-08	2.1E+01	7.5E-04	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.6E-08
553	0.03	3.1E-08	1.9E+01	7.5E-04	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.1E-08
554	0.03	2.7E-08	1.6E+01	7.5E-04	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.7E-08
555	0.02	2.4E-08	1.4E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
556	0.02	2.0E-08	1.2E+01	7.5E-04	1.0E-03	9.5E-06	1.6E-01	1.4E-02	2.0E-08
557	0.01	5.4E-09	3.2E+00	7.5E-04	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.4E-09
558	0.01	6.3E-09	3.7E+00	7.5E-04	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.3E-09
559	0.01	7.4E-09	4.4E+00	7.5E-04	1.0E-03	3.4E-06	1.6E-01	1.4E-02	7.4E-09
560	0.01	8.9E-09	5.3E+00	7.5E-04	1.0E-03	4.1E-06	1.6E-01	1.4E-02	8.9E-09
561	0.01	1.1E-08	6.4E+00	7.5E-04	1.0E-03	5.0E-06	1.6E-01	1.4E-02	1.1E-08
562	0.09	8.6E-08	5.1E+01	7.5E-04	1.0E-03	4.0E-05	1.6E-01	1.4E-02	8.6E-08
563	0.07	7.0E-08	4.1E+01	7.5E-04	1.0E-03	3.2E-05	1.6E-01	1.4E-02	7.0E-08
564	0.06	5.6E-08	3.3E+01	7.5E-04	1.0E-03	2.6E-05	1.6E-01	1.4E-02	5.6E-08
565	0.04	4.3E-08	2.5E+01	7.5E-04	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.3E-08
566	0.04	3.6E-08	2.1E+01	7.5E-04	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.6E-08
567	0.03	3.0E-08	1.8E+01	7.5E-04	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.0E-08
568	0.03	2.6E-08	1.5E+01	7.5E-04	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.6E-08
569	0.02	2.2E-08	1.3E+01	7.5E-04	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08
570	0.02	2.0E-08	1.2E+01	7.5E-04	1.0E-03	9.2E-06	1.6E-01	1.4E-02	2.0E-08
571	0.01	5.5E-09	3.3E+00	7.5E-04	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.5E-09
572	0.01	6.4E-09	3.8E+00	7.5E-04	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.4E-09
573	0.01	7.5E-09	4.4E+00	7.5E-04	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.5E-09
574	0.01	9.0E-09	5.4E+00	7.5E-04	1.0E-03	4.2E-06	1.6E-01	1.4E-02	9.0E-09
575	0.01	1.1E-08	6.5E+00	7.5E-04	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08
576	0.08	8.0E-08	4.7E+01	7.5E-04	1.0E-03	3.7E-05	1.6E-01	1.4E-02	8.0E-08
577	0.06	6.3E-08	3.8E+01	7.5E-04	1.0E-03	2.9E-05	1.6E-01	1.4E-02	6.3E-08
578	0.05	4.9E-08	2.9E+01	7.5E-04	1.0E-03	2.3E-05	1.6E-01	1.4E-02	4.9E-08
579	0.04	4.0E-08	2.4E+01	7.5E-04	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.0E-08
580	0.03	3.3E-08	2.0E+01	7.5E-04	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.3E-08
581	0.03	2.7E-08	1.6E+01	7.5E-04	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.7E-08
582	0.02	2.3E-08	1.3E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.3E-08
583	0.02	1.9E-08	1.1E+01	7.5E-04	1.0E-03	8.9E-06	1.6E-01	1.4E-02	1.9E-08
584	0.01	5.5E-09	3.3E+00	7.5E-04	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.5E-09
585	0.01	6.4E-09	3.8E+00	7.5E-04	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.4E-09
586	0.01	7.6E-09	4.5E+00	7.5E-04	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.5E-09
587	0.01	9.0E-09	5.4E+00	7.5E-04	1.0E-03	4.2E-06	1.6E-01	1.4E-02	9.0E-09
588	0.01	1.1E-08	6.5E+00	7.5E-04	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08
589	0.07	7.5E-08	4.4E+01	7.5E-04	1.0E-03	3.5E-05	1.6E-01	1.4E-02	7.5E-08
590	0.06	5.9E-08	3.5E+01	7.5E-04	1.0E-03	2.8E-05	1.6E-01	1.4E-02	5.9E-08
591	0.05	4.7E-08	2.8E+01	7.5E-04	1.0E-03	2.2E-05	1.6E-01	1.4E-02	4.7E-08

592	0.04	3.7E-08	2.2E+01	7.5E-04	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.7E-08
593	0.03	3.0E-08	1.8E+01	7.5E-04	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.0E-08
594	0.02	2.4E-08	1.4E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
595	0.02	2.0E-08	1.2E+01	7.5E-04	1.0E-03	9.2E-06	1.6E-01	1.4E-02	2.0E-08
596	0.01	5.5E-09	3.2E+00	7.5E-04	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.4E-09
597	0.01	6.4E-09	3.8E+00	7.5E-04	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.3E-09
598	0.01	7.5E-09	4.4E+00	7.5E-04	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.4E-09
599	0.01	8.9E-09	5.3E+00	7.5E-04	1.0E-03	4.1E-06	1.6E-01	1.4E-02	8.9E-09
600	0.01	1.1E-08	6.4E+00	7.5E-04	1.0E-03	5.0E-06	1.6E-01	1.4E-02	1.1E-08
601	0.06	6.4E-08	3.8E+01	7.5E-04	1.0E-03	2.9E-05	1.6E-01	1.4E-02	6.3E-08
602	0.05	4.8E-08	2.9E+01	7.5E-04	1.0E-03	2.3E-05	1.6E-01	1.4E-02	4.8E-08
603	0.04	3.8E-08	2.2E+01	7.5E-04	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.8E-08
604	0.03	3.0E-08	1.8E+01	7.5E-04	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.0E-08
605	0.02	2.4E-08	1.5E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
606	0.02	2.0E-08	1.2E+01	7.5E-04	1.0E-03	9.3E-06	1.6E-01	1.4E-02	2.0E-08
607	0.01	5.4E-09	3.2E+00	7.5E-04	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.4E-09
608	0.01	6.2E-09	3.7E+00	7.5E-04	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.2E-09
609	0.01	7.3E-09	4.3E+00	7.5E-04	1.0E-03	3.4E-06	1.6E-01	1.4E-02	7.3E-09
610	0.01	8.7E-09	5.2E+00	7.5E-04	1.0E-03	4.0E-06	1.6E-01	1.4E-02	8.7E-09
611	0.01	1.1E-08	6.2E+00	7.5E-04	1.0E-03	4.9E-06	1.6E-01	1.4E-02	1.1E-08
612	0.06	6.5E-08	3.8E+01	7.5E-04	1.0E-03	3.0E-05	1.6E-01	1.4E-02	6.5E-08
613	0.05	4.8E-08	2.8E+01	7.5E-04	1.0E-03	2.2E-05	1.6E-01	1.4E-02	4.8E-08
614	0.04	3.7E-08	2.2E+01	7.5E-04	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.7E-08
615	0.03	2.9E-08	1.7E+01	7.5E-04	1.0E-03	1.4E-05	1.6E-01	1.4E-02	2.9E-08
616	0.02	2.4E-08	1.4E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
617	0.02	1.9E-08	1.1E+01	7.5E-04	1.0E-03	8.9E-06	1.6E-01	1.4E-02	1.9E-08
618	0.01	5.2E-09	3.1E+00	7.5E-04	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.2E-09
619	0.01	6.1E-09	3.6E+00	7.5E-04	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.1E-09
620	0.01	7.1E-09	4.2E+00	7.5E-04	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.1E-09
621	0.01	8.4E-09	5.0E+00	7.5E-04	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.4E-09
622	0.01	1.0E-08	6.0E+00	7.5E-04	1.0E-03	4.7E-06	1.6E-01	1.4E-02	1.0E-08
623	0.06	6.1E-08	3.6E+01	7.5E-04	1.0E-03	2.8E-05	1.6E-01	1.4E-02	6.1E-08
624	0.04	4.5E-08	2.6E+01	7.5E-04	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.5E-08
625	0.03	3.4E-08	2.0E+01	7.5E-04	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.4E-08
626	0.03	2.7E-08	1.6E+01	7.5E-04	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.7E-08
627	0.02	2.2E-08	1.3E+01	7.5E-04	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08
628	0.02	1.8E-08	1.1E+01	7.5E-04	1.0E-03	8.5E-06	1.6E-01	1.4E-02	1.8E-08
629	0.01	5.1E-09	3.0E+00	7.5E-04	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.1E-09
630	0.01	5.8E-09	3.5E+00	7.5E-04	1.0E-03	2.7E-06	1.6E-01	1.4E-02	5.8E-09
631	0.01	6.8E-09	4.0E+00	7.5E-04	1.0E-03	3.2E-06	1.6E-01	1.4E-02	6.8E-09
632	0.01	8.0E-09	4.7E+00	7.5E-04	1.0E-03	3.7E-06	1.6E-01	1.4E-02	8.0E-09
633	0.01	9.6E-09	5.7E+00	7.5E-04	1.0E-03	4.5E-06	1.6E-01	1.4E-02	9.6E-09
634	0.05	5.2E-08	3.1E+01	7.5E-04	1.0E-03	2.4E-05	1.6E-01	1.4E-02	5.2E-08
635	0.04	3.9E-08	2.3E+01	7.5E-04	1.0E-03	1.8E-05	1.6E-01	1.4E-02	3.9E-08
636	0.03	3.1E-08	1.8E+01	7.5E-04	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.1E-08
637	0.02	2.5E-08	1.5E+01	7.5E-04	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.5E-08

638	0.02	2.1E-08	1.2E+01	7.5E-04	1.0E-03	9.5E-06	1.6E-01	1.4E-02	2.1E-08
639	0.02	1.7E-08	1.0E+01	7.5E-04	1.0E-03	8.0E-06	1.6E-01	1.4E-02	1.7E-08
640	0.00	4.9E-09	2.9E+00	7.5E-04	1.0E-03	2.3E-06	1.6E-01	1.4E-02	4.9E-09
641	0.01	5.6E-09	3.3E+00	7.5E-04	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.6E-09
642	0.01	6.5E-09	3.9E+00	7.5E-04	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.5E-09
643	0.01	7.6E-09	4.5E+00	7.5E-04	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.6E-09
644	0.01	9.1E-09	5.4E+00	7.5E-04	1.0E-03	4.2E-06	1.6E-01	1.4E-02	9.1E-09
645	0.04	4.2E-08	2.5E+01	7.5E-04	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.2E-08
646	0.03	3.3E-08	2.0E+01	7.5E-04	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.3E-08
647	0.03	2.7E-08	1.6E+01	7.5E-04	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.7E-08
648	0.02	2.2E-08	1.3E+01	7.5E-04	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08
649	0.02	1.9E-08	1.1E+01	7.5E-04	1.0E-03	8.7E-06	1.6E-01	1.4E-02	1.9E-08
650	0.02	1.6E-08	9.4E+00	7.5E-04	1.0E-03	7.4E-06	1.6E-01	1.4E-02	1.6E-08
651	0.00	4.7E-09	2.8E+00	7.5E-04	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.7E-09
652	0.01	5.4E-09	3.2E+00	7.5E-04	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.4E-09
653	0.01	6.2E-09	3.7E+00	7.5E-04	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.2E-09
654	0.01	7.2E-09	4.3E+00	7.5E-04	1.0E-03	3.4E-06	1.6E-01	1.4E-02	7.2E-09
655	0.01	8.5E-09	5.1E+00	7.5E-04	1.0E-03	4.0E-06	1.6E-01	1.4E-02	8.5E-09
656	0.01	1.0E-08	6.0E+00	7.5E-04	1.0E-03	4.7E-06	1.6E-01	1.4E-02	1.0E-08
657	0.01	1.2E-08	7.3E+00	7.5E-04	1.0E-03	5.7E-06	1.6E-01	1.4E-02	1.2E-08
658	0.02	1.5E-08	9.1E+00	7.5E-04	1.0E-03	7.1E-06	1.6E-01	1.4E-02	1.5E-08
659	0.02	1.9E-08	1.2E+01	7.5E-04	1.0E-03	9.0E-06	1.6E-01	1.4E-02	1.9E-08
660	0.03	2.5E-08	1.5E+01	7.5E-04	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.5E-08
661	0.03	3.3E-08	1.9E+01	7.5E-04	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.3E-08
662	0.04	4.1E-08	2.4E+01	7.5E-04	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.1E-08
663	0.05	4.9E-08	2.9E+01	7.5E-04	1.0E-03	2.3E-05	1.6E-01	1.4E-02	4.9E-08
664	0.05	5.4E-08	3.2E+01	7.5E-04	1.0E-03	2.5E-05	1.6E-01	1.4E-02	5.4E-08
665	0.06	5.8E-08	3.4E+01	7.5E-04	1.0E-03	2.7E-05	1.6E-01	1.4E-02	5.8E-08
666	0.06	5.9E-08	3.5E+01	7.5E-04	1.0E-03	2.7E-05	1.6E-01	1.4E-02	5.9E-08
667	0.06	5.7E-08	3.4E+01	7.5E-04	1.0E-03	2.7E-05	1.6E-01	1.4E-02	5.7E-08
668	0.05	5.4E-08	3.2E+01	7.5E-04	1.0E-03	2.5E-05	1.6E-01	1.4E-02	5.4E-08
669	0.05	4.8E-08	2.9E+01	7.5E-04	1.0E-03	2.2E-05	1.6E-01	1.4E-02	4.8E-08
670	0.04	4.0E-08	2.4E+01	7.5E-04	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.0E-08
671	0.03	3.3E-08	2.0E+01	7.5E-04	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.3E-08
672	0.03	2.8E-08	1.6E+01	7.5E-04	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.8E-08
673	0.02	2.3E-08	1.4E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.3E-08
674	0.02	2.0E-08	1.2E+01	7.5E-04	1.0E-03	9.1E-06	1.6E-01	1.4E-02	2.0E-08
675	0.02	1.7E-08	9.9E+00	7.5E-04	1.0E-03	7.8E-06	1.6E-01	1.4E-02	1.7E-08
676	0.01	1.4E-08	8.6E+00	7.5E-04	1.0E-03	6.7E-06	1.6E-01	1.4E-02	1.4E-08
677	0.00	4.5E-09	2.7E+00	7.5E-04	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.5E-09
678	0.01	5.1E-09	3.0E+00	7.5E-04	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.1E-09
679	0.01	5.8E-09	3.5E+00	7.5E-04	1.0E-03	2.7E-06	1.6E-01	1.4E-02	5.8E-09
680	0.01	6.7E-09	4.0E+00	7.5E-04	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.7E-09
681	0.01	7.9E-09	4.7E+00	7.5E-04	1.0E-03	3.6E-06	1.6E-01	1.4E-02	7.8E-09
682	0.01	9.3E-09	5.5E+00	7.5E-04	1.0E-03	4.3E-06	1.6E-01	1.4E-02	9.2E-09
683	0.01	1.1E-08	6.5E+00	7.5E-04	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08

684	0.01	1.3E-08	8.0E+00	7.5E-04	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.3E-08
685	0.02	1.7E-08	9.8E+00	7.5E-04	1.0E-03	7.7E-06	1.6E-01	1.4E-02	1.7E-08
686	0.02	2.0E-08	1.2E+01	7.5E-04	1.0E-03	9.5E-06	1.6E-01	1.4E-02	2.0E-08
687	0.03	2.5E-08	1.5E+01	7.5E-04	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.5E-08
688	0.03	3.0E-08	1.8E+01	7.5E-04	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.0E-08
689	0.03	3.5E-08	2.1E+01	7.5E-04	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.5E-08
690	0.04	3.8E-08	2.3E+01	7.5E-04	1.0E-03	1.8E-05	1.6E-01	1.4E-02	3.8E-08
691	0.04	4.1E-08	2.4E+01	7.5E-04	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.1E-08
692	0.04	4.1E-08	2.5E+01	7.5E-04	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.1E-08
693	0.04	4.1E-08	2.4E+01	7.5E-04	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.1E-08
694	0.04	3.9E-08	2.3E+01	7.5E-04	1.0E-03	1.8E-05	1.6E-01	1.4E-02	3.9E-08
695	0.04	3.5E-08	2.1E+01	7.5E-04	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.5E-08
696	0.03	3.1E-08	1.9E+01	7.5E-04	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.1E-08
697	0.03	2.7E-08	1.6E+01	7.5E-04	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.7E-08
698	0.02	2.3E-08	1.4E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.3E-08
699	0.02	2.0E-08	1.2E+01	7.5E-04	1.0E-03	9.2E-06	1.6E-01	1.4E-02	2.0E-08
700	0.02	1.7E-08	1.0E+01	7.5E-04	1.0E-03	8.0E-06	1.6E-01	1.4E-02	1.7E-08
701	0.01	1.5E-08	8.9E+00	7.5E-04	1.0E-03	6.9E-06	1.6E-01	1.4E-02	1.5E-08
702	0.01	1.3E-08	7.8E+00	7.5E-04	1.0E-03	6.1E-06	1.6E-01	1.4E-02	1.3E-08
703	0.00	4.3E-09	2.5E+00	7.5E-04	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.2E-09
704	0.00	4.8E-09	2.9E+00	7.5E-04	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09
705	0.01	5.5E-09	3.2E+00	7.5E-04	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.4E-09
706	0.01	6.2E-09	3.7E+00	7.5E-04	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.2E-09
707	0.01	7.2E-09	4.3E+00	7.5E-04	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.2E-09
708	0.01	8.4E-09	5.0E+00	7.5E-04	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.4E-09
709	0.01	9.9E-09	5.9E+00	7.5E-04	1.0E-03	4.6E-06	1.6E-01	1.4E-02	9.9E-09
710	0.01	1.2E-08	7.1E+00	7.5E-04	1.0E-03	5.5E-06	1.6E-01	1.4E-02	1.2E-08
711	0.01	1.4E-08	8.4E+00	7.5E-04	1.0E-03	6.6E-06	1.6E-01	1.4E-02	1.4E-08
712	0.02	1.7E-08	1.0E+01	7.5E-04	1.0E-03	7.9E-06	1.6E-01	1.4E-02	1.7E-08
713	0.02	2.0E-08	1.2E+01	7.5E-04	1.0E-03	9.3E-06	1.6E-01	1.4E-02	2.0E-08
714	0.02	2.3E-08	1.4E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.3E-08
715	0.03	2.6E-08	1.6E+01	7.5E-04	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.6E-08
716	0.03	2.9E-08	1.7E+01	7.5E-04	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.9E-08
717	0.03	3.0E-08	1.8E+01	7.5E-04	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.0E-08
718	0.03	3.1E-08	1.8E+01	7.5E-04	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.1E-08
719	0.03	3.0E-08	1.8E+01	7.5E-04	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.0E-08
720	0.03	2.9E-08	1.7E+01	7.5E-04	1.0E-03	1.4E-05	1.6E-01	1.4E-02	2.9E-08
721	0.03	2.7E-08	1.6E+01	7.5E-04	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.7E-08
722	0.02	2.5E-08	1.5E+01	7.5E-04	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.5E-08
723	0.02	2.2E-08	1.3E+01	7.5E-04	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08
724	0.02	2.0E-08	1.2E+01	7.5E-04	1.0E-03	9.1E-06	1.6E-01	1.4E-02	2.0E-08
725	0.02	1.7E-08	1.0E+01	7.5E-04	1.0E-03	8.0E-06	1.6E-01	1.4E-02	1.7E-08
726	0.02	1.5E-08	9.0E+00	7.5E-04	1.0E-03	7.0E-06	1.6E-01	1.4E-02	1.5E-08
727	0.01	1.3E-08	7.9E+00	7.5E-04	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.3E-08
728	0.01	1.2E-08	7.0E+00	7.5E-04	1.0E-03	5.5E-06	1.6E-01	1.4E-02	1.2E-08
729	0.00	4.0E-09	2.4E+00	7.5E-04	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.0E-09

730	0.00	4.5E-09	2.7E+00	7.5E-04	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.5E-09
731	0.01	5.1E-09	3.0E+00	7.5E-04	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.1E-09
732	0.01	5.8E-09	3.5E+00	7.5E-04	1.0E-03	2.7E-06	1.6E-01	1.4E-02	5.8E-09
733	0.01	6.6E-09	3.9E+00	7.5E-04	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.6E-09
734	0.01	7.7E-09	4.6E+00	7.5E-04	1.0E-03	3.6E-06	1.6E-01	1.4E-02	7.7E-09
735	0.01	8.9E-09	5.3E+00	7.5E-04	1.0E-03	4.1E-06	1.6E-01	1.4E-02	8.9E-09
736	0.01	1.0E-08	6.2E+00	7.5E-04	1.0E-03	4.9E-06	1.6E-01	1.4E-02	1.0E-08
737	0.01	1.2E-08	7.2E+00	7.5E-04	1.0E-03	5.6E-06	1.6E-01	1.4E-02	1.2E-08
738	0.01	1.4E-08	8.4E+00	7.5E-04	1.0E-03	6.6E-06	1.6E-01	1.4E-02	1.4E-08
739	0.02	1.6E-08	9.6E+00	7.5E-04	1.0E-03	7.5E-06	1.6E-01	1.4E-02	1.6E-08
740	0.02	1.9E-08	1.1E+01	7.5E-04	1.0E-03	8.6E-06	1.6E-01	1.4E-02	1.8E-08
741	0.02	2.1E-08	1.2E+01	7.5E-04	1.0E-03	9.5E-06	1.6E-01	1.4E-02	2.1E-08
742	0.02	2.2E-08	1.3E+01	7.5E-04	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08
743	0.02	2.3E-08	1.4E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.3E-08
744	0.02	2.4E-08	1.4E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
745	0.02	2.4E-08	1.4E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
746	0.02	2.3E-08	1.4E+01	7.5E-04	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.3E-08
747	0.02	2.2E-08	1.3E+01	7.5E-04	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08
748	0.02	2.0E-08	1.2E+01	7.5E-04	1.0E-03	9.4E-06	1.6E-01	1.4E-02	2.0E-08
749	0.02	1.8E-08	1.1E+01	7.5E-04	1.0E-03	8.6E-06	1.6E-01	1.4E-02	1.8E-08
750	0.02	1.7E-08	9.9E+00	7.5E-04	1.0E-03	7.7E-06	1.6E-01	1.4E-02	1.7E-08
751	0.01	1.5E-08	8.9E+00	7.5E-04	1.0E-03	6.9E-06	1.6E-01	1.4E-02	1.5E-08
752	0.01	1.3E-08	7.9E+00	7.5E-04	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.3E-08
753	0.01	1.2E-08	7.1E+00	7.5E-04	1.0E-03	5.6E-06	1.6E-01	1.4E-02	1.2E-08
754	0.01	1.1E-08	6.4E+00	7.5E-04	1.0E-03	5.0E-06	1.6E-01	1.4E-02	1.1E-08
755	0.00	3.8E-09	2.3E+00	7.5E-04	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.8E-09
756	0.00	4.3E-09	2.5E+00	7.5E-04	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.2E-09
757	0.00	4.8E-09	2.8E+00	7.5E-04	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09
758	0.01	5.4E-09	3.2E+00	7.5E-04	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.4E-09
759	0.01	6.1E-09	3.6E+00	7.5E-04	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.1E-09
760	0.01	7.0E-09	4.1E+00	7.5E-04	1.0E-03	3.2E-06	1.6E-01	1.4E-02	7.0E-09
761	0.01	8.0E-09	4.7E+00	7.5E-04	1.0E-03	3.7E-06	1.6E-01	1.4E-02	8.0E-09
762	0.01	9.2E-09	5.5E+00	7.5E-04	1.0E-03	4.3E-06	1.6E-01	1.4E-02	9.2E-09
763	0.01	1.1E-08	6.2E+00	7.5E-04	1.0E-03	4.9E-06	1.6E-01	1.4E-02	1.0E-08
764	0.01	1.2E-08	7.1E+00	7.5E-04	1.0E-03	5.6E-06	1.6E-01	1.4E-02	1.2E-08
765	0.01	1.3E-08	8.0E+00	7.5E-04	1.0E-03	6.3E-06	1.6E-01	1.4E-02	1.3E-08
766	0.02	1.5E-08	8.9E+00	7.5E-04	1.0E-03	7.0E-06	1.6E-01	1.4E-02	1.5E-08
767	0.02	1.7E-08	9.8E+00	7.5E-04	1.0E-03	7.7E-06	1.6E-01	1.4E-02	1.7E-08
768	0.02	1.8E-08	1.0E+01	7.5E-04	1.0E-03	8.2E-06	1.6E-01	1.4E-02	1.8E-08
769	0.02	1.9E-08	1.1E+01	7.5E-04	1.0E-03	8.6E-06	1.6E-01	1.4E-02	1.9E-08
770	0.02	1.9E-08	1.1E+01	7.5E-04	1.0E-03	8.9E-06	1.6E-01	1.4E-02	1.9E-08
771	0.02	1.9E-08	1.1E+01	7.5E-04	1.0E-03	8.9E-06	1.6E-01	1.4E-02	1.9E-08
772	0.02	1.9E-08	1.1E+01	7.5E-04	1.0E-03	8.8E-06	1.6E-01	1.4E-02	1.9E-08
773	0.02	1.8E-08	1.1E+01	7.5E-04	1.0E-03	8.4E-06	1.6E-01	1.4E-02	1.8E-08
774	0.02	1.7E-08	1.0E+01	7.5E-04	1.0E-03	7.9E-06	1.6E-01	1.4E-02	1.7E-08
775	0.02	1.6E-08	9.3E+00	7.5E-04	1.0E-03	7.3E-06	1.6E-01	1.4E-02	1.6E-08

776	0.01	1.4E-08	8.5E+00	7.5E-04	1.0E-03	6.7E-06	1.6E-01	1.4E-02	1.4E-08
777	0.01	1.3E-08	7.8E+00	7.5E-04	1.0E-03	6.1E-06	1.6E-01	1.4E-02	1.3E-08
778	0.01	1.2E-08	7.1E+00	7.5E-04	1.0E-03	5.5E-06	1.6E-01	1.4E-02	1.2E-08
779	0.01	1.1E-08	6.4E+00	7.5E-04	1.0E-03	5.0E-06	1.6E-01	1.4E-02	1.1E-08
780	0.01	9.8E-09	5.8E+00	7.5E-04	1.0E-03	4.5E-06	1.6E-01	1.4E-02	9.8E-09
781	0.00	3.6E-09	2.1E+00	7.5E-04	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.6E-09
782	0.00	4.0E-09	2.4E+00	7.5E-04	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.0E-09
783	0.00	4.5E-09	2.6E+00	7.5E-04	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.4E-09
784	0.00	5.0E-09	3.0E+00	7.5E-04	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.0E-09
785	0.01	5.6E-09	3.3E+00	7.5E-04	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.6E-09
786	0.01	6.3E-09	3.8E+00	7.5E-04	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.3E-09
787	0.01	7.2E-09	4.3E+00	7.5E-04	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.2E-09
788	0.01	8.2E-09	4.8E+00	7.5E-04	1.0E-03	3.8E-06	1.6E-01	1.4E-02	8.1E-09
789	0.01	9.2E-09	5.4E+00	7.5E-04	1.0E-03	4.3E-06	1.6E-01	1.4E-02	9.2E-09
790	0.01	1.0E-08	6.1E+00	7.5E-04	1.0E-03	4.8E-06	1.6E-01	1.4E-02	1.0E-08
791	0.01	1.1E-08	6.8E+00	7.5E-04	1.0E-03	5.3E-06	1.6E-01	1.4E-02	1.1E-08
792	0.01	1.3E-08	7.5E+00	7.5E-04	1.0E-03	5.8E-06	1.6E-01	1.4E-02	1.3E-08
793	0.01	1.4E-08	8.1E+00	7.5E-04	1.0E-03	6.3E-06	1.6E-01	1.4E-02	1.4E-08
794	0.01	1.5E-08	8.6E+00	7.5E-04	1.0E-03	6.7E-06	1.6E-01	1.4E-02	1.4E-08
795	0.02	1.5E-08	9.0E+00	7.5E-04	1.0E-03	7.1E-06	1.6E-01	1.4E-02	1.5E-08
796	0.02	1.6E-08	9.3E+00	7.5E-04	1.0E-03	7.3E-06	1.6E-01	1.4E-02	1.6E-08
797	0.02	1.6E-08	9.4E+00	7.5E-04	1.0E-03	7.4E-06	1.6E-01	1.4E-02	1.6E-08
798	0.02	1.6E-08	9.3E+00	7.5E-04	1.0E-03	7.3E-06	1.6E-01	1.4E-02	1.6E-08
799	0.02	1.5E-08	9.0E+00	7.5E-04	1.0E-03	7.1E-06	1.6E-01	1.4E-02	1.5E-08
800	0.01	1.4E-08	8.5E+00	7.5E-04	1.0E-03	6.6E-06	1.6E-01	1.4E-02	1.4E-08
801	0.01	1.3E-08	8.0E+00	7.5E-04	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.3E-08
802	0.01	1.3E-08	7.4E+00	7.5E-04	1.0E-03	5.8E-06	1.6E-01	1.4E-02	1.3E-08
803	0.01	1.2E-08	6.9E+00	7.5E-04	1.0E-03	5.4E-06	1.6E-01	1.4E-02	1.2E-08
804	0.01	1.1E-08	6.3E+00	7.5E-04	1.0E-03	4.9E-06	1.6E-01	1.4E-02	1.1E-08
805	0.01	9.8E-09	5.8E+00	7.5E-04	1.0E-03	4.5E-06	1.6E-01	1.4E-02	9.7E-09
806	0.01	8.9E-09	5.3E+00	7.5E-04	1.0E-03	4.1E-06	1.6E-01	1.4E-02	8.9E-09

Franklin School Project

Risk From New Building Demo (Port. 1,3,4) - Mitigated Residential

Haul Route 1A							Haul Route 2A						
Conc	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
3.2E-01	1.9E-07	1.0E-03	6.4E-11	1.6E-01	1.4E-02	1.4E-13	3.4E-01	6.0E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.6E-13
3.6E-01	1.9E-07	1.0E-03	7.2E-11	1.6E-01	1.4E-02	1.6E-13	3.9E-01	6.0E-07	1.0E-03	2.4E-10	1.6E-01	1.4E-02	5.3E-13
4.1E-01	1.9E-07	1.0E-03	8.2E-11	1.6E-01	1.4E-02	1.8E-13	4.5E-01	6.0E-07	1.0E-03	2.8E-10	1.6E-01	1.4E-02	6.1E-13
4.6E-01	1.9E-07	1.0E-03	9.2E-11	1.6E-01	1.4E-02	2.0E-13	5.2E-01	6.0E-07	1.0E-03	3.2E-10	1.6E-01	1.4E-02	7.0E-13
5.1E-01	1.9E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13	5.8E-01	6.0E-07	1.0E-03	3.7E-10	1.6E-01	1.4E-02	7.9E-13
5.5E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13	6.5E-01	6.0E-07	1.0E-03	4.1E-10	1.6E-01	1.4E-02	8.7E-13
6.0E-01	1.9E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.5E-13	7.1E-01	6.0E-07	1.0E-03	4.4E-10	1.6E-01	1.4E-02	9.5E-13
6.4E-01	1.9E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.7E-13	7.7E-01	6.0E-07	1.0E-03	4.8E-10	1.6E-01	1.4E-02	1.0E-12
6.9E-01	1.9E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.0E-13	8.4E-01	6.0E-07	1.0E-03	5.3E-10	1.6E-01	1.4E-02	1.1E-12
7.5E-01	1.9E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.2E-13	9.2E-01	6.0E-07	1.0E-03	5.8E-10	1.6E-01	1.4E-02	1.2E-12
8.0E-01	1.9E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.4E-13	9.9E-01	6.0E-07	1.0E-03	6.2E-10	1.6E-01	1.4E-02	1.3E-12
8.4E-01	1.9E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.6E-13	1.0E+00	6.0E-07	1.0E-03	6.5E-10	1.6E-01	1.4E-02	1.4E-12
8.5E-01	1.9E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.6E-13	1.0E+00	6.0E-07	1.0E-03	6.5E-10	1.6E-01	1.4E-02	1.4E-12
8.3E-01	1.9E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.6E-13	1.0E+00	6.0E-07	1.0E-03	6.3E-10	1.6E-01	1.4E-02	1.4E-12
7.9E-01	1.9E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.4E-13	9.5E-01	6.0E-07	1.0E-03	6.0E-10	1.6E-01	1.4E-02	1.3E-12
7.4E-01	1.9E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.2E-13	8.8E-01	6.0E-07	1.0E-03	5.5E-10	1.6E-01	1.4E-02	1.2E-12
3.8E-01	1.9E-07	1.0E-03	7.5E-11	1.6E-01	1.4E-02	1.6E-13	3.9E-01	6.0E-07	1.0E-03	2.5E-10	1.6E-01	1.4E-02	5.3E-13
4.4E-01	1.9E-07	1.0E-03	8.7E-11	1.6E-01	1.4E-02	1.9E-13	4.7E-01	6.0E-07	1.0E-03	2.9E-10	1.6E-01	1.4E-02	6.3E-13
5.1E-01	1.9E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13	5.5E-01	6.0E-07	1.0E-03	3.5E-10	1.6E-01	1.4E-02	7.5E-13
5.8E-01	1.9E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.5E-13	6.5E-01	6.0E-07	1.0E-03	4.1E-10	1.6E-01	1.4E-02	8.8E-13
6.6E-01	1.9E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.8E-13	7.6E-01	6.0E-07	1.0E-03	4.8E-10	1.6E-01	1.4E-02	1.0E-12
7.3E-01	1.9E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.1E-13	8.7E-01	6.0E-07	1.0E-03	5.5E-10	1.6E-01	1.4E-02	1.2E-12
8.0E-01	1.9E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.4E-13	9.7E-01	6.0E-07	1.0E-03	6.1E-10	1.6E-01	1.4E-02	1.3E-12
8.7E-01	1.9E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.7E-13	1.1E+00	6.0E-07	1.0E-03	6.8E-10	1.6E-01	1.4E-02	1.5E-12
9.6E-01	1.9E-07	1.0E-03	1.9E-10	1.6E-01	1.4E-02	4.1E-13	1.2E+00	6.0E-07	1.0E-03	7.6E-10	1.6E-01	1.4E-02	1.6E-12
1.1E+00	1.9E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.5E-13	1.3E+00	6.0E-07	1.0E-03	8.4E-10	1.6E-01	1.4E-02	1.8E-12
1.1E+00	1.9E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.8E-13	1.4E+00	6.0E-07	1.0E-03	8.9E-10	1.6E-01	1.4E-02	1.9E-12
1.1E+00	1.9E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.8E-13	1.4E+00	6.0E-07	1.0E-03	9.0E-10	1.6E-01	1.4E-02	1.9E-12
1.1E+00	1.9E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.7E-13	1.4E+00	6.0E-07	1.0E-03	8.7E-10	1.6E-01	1.4E-02	1.9E-12
1.0E+00	1.9E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.5E-13	1.3E+00	6.0E-07	1.0E-03	8.0E-10	1.6E-01	1.4E-02	1.7E-12
9.6E-01	1.9E-07	1.0E-03	1.9E-10	1.6E-01	1.4E-02	4.1E-13	1.2E+00	6.0E-07	1.0E-03	7.2E-10	1.6E-01	1.4E-02	1.6E-12
8.7E-01	1.9E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.7E-13	1.0E+00	6.0E-07	1.0E-03	6.4E-10	1.6E-01	1.4E-02	1.4E-12
4.4E-01	1.9E-07	1.0E-03	8.8E-11	1.6E-01	1.4E-02	1.9E-13	4.5E-01	6.0E-07	1.0E-03	2.9E-10	1.6E-01	1.4E-02	6.1E-13
5.3E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13	5.6E-01	6.0E-07	1.0E-03	3.5E-10	1.6E-01	1.4E-02	7.5E-13
6.3E-01	1.9E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.7E-13	6.9E-01	6.0E-07	1.0E-03	4.3E-10	1.6E-01	1.4E-02	9.3E-13
7.6E-01	1.9E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.2E-13	8.5E-01	6.0E-07	1.0E-03	5.3E-10	1.6E-01	1.4E-02	1.1E-12
8.9E-01	1.9E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.8E-13	1.0E+00	6.0E-07	1.0E-03	6.5E-10	1.6E-01	1.4E-02	1.4E-12
1.0E+00	1.9E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.3E-13	1.2E+00	6.0E-07	1.0E-03	7.8E-10	1.6E-01	1.4E-02	1.7E-12
1.1E+00	1.9E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	4.8E-13	1.4E+00	6.0E-07	1.0E-03	9.0E-10	1.6E-01	1.4E-02	1.9E-12

1.3E+00	1.9E-07	1.0E-03	2.5E-10	1.6E-01	1.4E-02	5.4E-13	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12
1.4E+00	1.9E-07	1.0E-03	2.8E-10	1.6E-01	1.4E-02	6.1E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12
1.5E+00	1.9E-07	1.0E-03	3.1E-10	1.6E-01	1.4E-02	6.6E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12
1.6E+00	1.9E-07	1.0E-03	3.1E-10	1.6E-01	1.4E-02	6.8E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12
1.5E+00	1.9E-07	1.0E-03	3.1E-10	1.6E-01	1.4E-02	6.6E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.7E-12
1.4E+00	1.9E-07	1.0E-03	2.8E-10	1.6E-01	1.4E-02	6.1E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12
1.3E+00	1.9E-07	1.0E-03	2.5E-10	1.6E-01	1.4E-02	5.5E-13	1.6E+00	6.0E-07	1.0E-03	9.9E-10	1.6E-01	1.4E-02	2.1E-12
1.1E+00	1.9E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.8E-13	1.3E+00	6.0E-07	1.0E-03	8.4E-10	1.6E-01	1.4E-02	1.8E-12
9.8E-01	1.9E-07	1.0E-03	1.9E-10	1.6E-01	1.4E-02	4.2E-13	1.1E+00	6.0E-07	1.0E-03	7.1E-10	1.6E-01	1.4E-02	1.5E-12
5.2E-01	1.9E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13	5.2E-01	6.0E-07	1.0E-03	3.3E-10	1.6E-01	1.4E-02	7.1E-13
6.4E-01	1.9E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.7E-13	6.6E-01	6.0E-07	1.0E-03	4.2E-10	1.6E-01	1.4E-02	8.9E-13
8.1E-01	1.9E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.5E-13	8.6E-01	6.0E-07	1.0E-03	5.4E-10	1.6E-01	1.4E-02	1.2E-12
1.0E+00	1.9E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.3E-13	1.1E+00	6.0E-07	1.0E-03	7.1E-10	1.6E-01	1.4E-02	1.5E-12
1.3E+00	1.9E-07	1.0E-03	2.5E-10	1.6E-01	1.4E-02	5.4E-13	1.5E+00	6.0E-07	1.0E-03	9.3E-10	1.6E-01	1.4E-02	2.0E-12
1.5E+00	1.9E-07	1.0E-03	3.0E-10	1.6E-01	1.4E-02	6.4E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12
1.7E+00	1.9E-07	1.0E-03	3.5E-10	1.6E-01	1.4E-02	7.5E-13	2.3E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12
2.0E+00	1.9E-07	1.0E-03	4.0E-10	1.6E-01	1.4E-02	8.6E-13	2.8E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.8E-12
2.3E+00	1.9E-07	1.0E-03	4.5E-10	1.6E-01	1.4E-02	9.7E-13	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.3E-12
2.4E+00	1.9E-07	1.0E-03	4.7E-10	1.6E-01	1.4E-02	1.0E-12	3.4E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.5E-12
2.3E+00	1.9E-07	1.0E-03	4.5E-10	1.6E-01	1.4E-02	9.7E-13	3.1E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.2E-12
2.1E+00	1.9E-07	1.0E-03	4.1E-10	1.6E-01	1.4E-02	8.8E-13	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.7E-12
1.8E+00	1.9E-07	1.0E-03	3.5E-10	1.6E-01	1.4E-02	7.6E-13	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12
1.5E+00	1.9E-07	1.0E-03	3.0E-10	1.6E-01	1.4E-02	6.5E-13	1.8E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12
1.3E+00	1.9E-07	1.0E-03	2.5E-10	1.6E-01	1.4E-02	5.4E-13	1.5E+00	6.0E-07	1.0E-03	9.4E-10	1.6E-01	1.4E-02	2.0E-12
1.1E+00	1.9E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.6E-13	1.2E+00	6.0E-07	1.0E-03	7.6E-10	1.6E-01	1.4E-02	1.6E-12
6.0E-01	1.9E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.6E-13	5.9E-01	6.0E-07	1.0E-03	3.7E-10	1.6E-01	1.4E-02	8.0E-13
7.8E-01	1.9E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.3E-13	7.8E-01	6.0E-07	1.0E-03	4.9E-10	1.6E-01	1.4E-02	1.0E-12
1.0E+00	1.9E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.4E-13	1.1E+00	6.0E-07	1.0E-03	6.7E-10	1.6E-01	1.4E-02	1.4E-12
1.4E+00	1.9E-07	1.0E-03	2.8E-10	1.6E-01	1.4E-02	6.0E-13	1.5E+00	6.0E-07	1.0E-03	9.6E-10	1.6E-01	1.4E-02	2.1E-12
1.9E+00	1.9E-07	1.0E-03	3.8E-10	1.6E-01	1.4E-02	8.1E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12
2.5E+00	1.9E-07	1.0E-03	4.9E-10	1.6E-01	1.4E-02	1.1E-12	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.4E-12
3.0E+00	1.9E-07	1.0E-03	6.1E-10	1.6E-01	1.4E-02	1.3E-12	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	1.4E-02	6.0E-12
3.6E+00	1.9E-07	1.0E-03	7.3E-10	1.6E-01	1.4E-02	1.6E-12	5.6E+00	6.0E-07	1.0E-03	3.5E-09	1.6E-01	1.4E-02	7.6E-12
3.9E+00	1.9E-07	1.0E-03	7.8E-10	1.6E-01	1.4E-02	1.7E-12	6.2E+00	6.0E-07	1.0E-03	3.9E-09	1.6E-01	1.4E-02	8.4E-12
3.7E+00	1.9E-07	1.0E-03	7.4E-10	1.6E-01	1.4E-02	1.6E-12	5.6E+00	6.0E-07	1.0E-03	3.5E-09	1.6E-01	1.4E-02	7.6E-12
3.2E+00	1.9E-07	1.0E-03	6.4E-10	1.6E-01	1.4E-02	1.4E-12	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	1.4E-02	6.1E-12
2.6E+00	1.9E-07	1.0E-03	5.2E-10	1.6E-01	1.4E-02	1.1E-12	3.4E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.7E-12
2.1E+00	1.9E-07	1.0E-03	4.2E-10	1.6E-01	1.4E-02	9.0E-13	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.5E-12
1.7E+00	1.9E-07	1.0E-03	3.4E-10	1.6E-01	1.4E-02	7.2E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.7E-12
1.4E+00	1.9E-07	1.0E-03	2.7E-10	1.6E-01	1.4E-02	5.8E-13	1.5E+00	6.0E-07	1.0E-03	9.7E-10	1.6E-01	1.4E-02	2.1E-12
1.1E+00	1.9E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.7E-13	1.2E+00	6.0E-07	1.0E-03	7.7E-10	1.6E-01	1.4E-02	1.6E-12
6.8E-01	1.9E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	2.9E-13	6.5E-01	6.0E-07	1.0E-03	4.1E-10	1.6E-01	1.4E-02	8.7E-13
9.3E-01	1.9E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	4.0E-13	8.8E-01	6.0E-07	1.0E-03	5.5E-10	1.6E-01	1.4E-02	1.2E-12
1.3E+00	1.9E-07	1.0E-03	2.6E-10	1.6E-01	1.4E-02	5.6E-13	1.3E+00	6.0E-07	1.0E-03	8.1E-10	1.6E-01	1.4E-02	1.7E-12
2.0E+00	1.9E-07	1.0E-03	3.9E-10	1.6E-01	1.4E-02	8.5E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.7E-12
3.1E+00	1.9E-07	1.0E-03	6.1E-10	1.6E-01	1.4E-02	1.3E-12	3.5E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.7E-12

4.8E+00	1.9E-07	1.0E-03	9.5E-10	1.6E-01	1.4E-02	2.0E-12	6.5E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	1.4E-02	8.7E-12
6.6E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	1.1E+01	6.0E-07	1.0E-03	7.1E-09	1.6E-01	1.4E-02	1.5E-11
7.9E+00	1.9E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.4E-12	1.5E+01	6.0E-07	1.0E-03	9.4E-09	1.6E-01	1.4E-02	2.0E-11
7.2E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.1E-12	1.3E+01	6.0E-07	1.0E-03	8.1E-09	1.6E-01	1.4E-02	1.7E-11
5.6E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	8.7E+00	6.0E-07	1.0E-03	5.5E-09	1.6E-01	1.4E-02	1.2E-11
4.2E+00	1.9E-07	1.0E-03	8.3E-10	1.6E-01	1.4E-02	1.8E-12	5.7E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	1.4E-02	7.7E-12
3.1E+00	1.9E-07	1.0E-03	6.1E-10	1.6E-01	1.4E-02	1.3E-12	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.2E-12
2.3E+00	1.9E-07	1.0E-03	4.6E-10	1.6E-01	1.4E-02	9.9E-13	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.7E-12
1.8E+00	1.9E-07	1.0E-03	3.5E-10	1.6E-01	1.4E-02	7.5E-13	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.7E-12
1.4E+00	1.9E-07	1.0E-03	2.7E-10	1.6E-01	1.4E-02	5.8E-13	1.5E+00	6.0E-07	1.0E-03	9.4E-10	1.6E-01	1.4E-02	2.0E-12
1.1E+00	1.9E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.6E-13	1.2E+00	6.0E-07	1.0E-03	7.2E-10	1.6E-01	1.4E-02	1.6E-12
7.5E-01	1.9E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.2E-13	6.8E-01	6.0E-07	1.0E-03	4.3E-10	1.6E-01	1.4E-02	9.2E-13
1.1E+00	1.9E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.5E-13	9.5E-01	6.0E-07	1.0E-03	5.9E-10	1.6E-01	1.4E-02	1.3E-12
1.6E+00	1.9E-07	1.0E-03	3.2E-10	1.6E-01	1.4E-02	6.9E-13	1.4E+00	6.0E-07	1.0E-03	9.1E-10	1.6E-01	1.4E-02	2.0E-12
2.7E+00	1.9E-07	1.0E-03	5.4E-10	1.6E-01	1.4E-02	1.2E-12	2.5E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12
5.2E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	5.0E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	1.4E-02	6.8E-12
1.2E+01	1.9E-07	1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	1.4E+01	6.0E-07	1.0E-03	8.9E-09	1.6E-01	1.4E-02	1.9E-11
2.3E+01	1.9E-07	1.0E-03	4.7E-09	1.6E-01	1.4E-02	1.0E-11	5.4E+01	6.0E-07	1.0E-03	3.4E-08	1.6E-01	1.4E-02	7.3E-11
2.0E+01	1.9E-07	1.0E-03	4.0E-09	1.6E-01	1.4E-02	8.6E-12	6.1E+01	6.0E-07	1.0E-03	3.8E-08	1.6E-01	1.4E-02	8.2E-11
1.2E+01	1.9E-07	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.2E-12	2.4E+01	6.0E-07	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.2E-11
7.4E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	1.1E+01	6.0E-07	1.0E-03	6.9E-09	1.6E-01	1.4E-02	1.5E-11
4.7E+00	1.9E-07	1.0E-03	9.4E-10	1.6E-01	1.4E-02	2.0E-12	6.0E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	1.4E-02	8.1E-12
3.2E+00	1.9E-07	1.0E-03	6.4E-10	1.6E-01	1.4E-02	1.4E-12	3.8E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.1E-12
2.3E+00	1.9E-07	1.0E-03	4.5E-10	1.6E-01	1.4E-02	9.8E-13	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.4E-12
1.7E+00	1.9E-07	1.0E-03	3.3E-10	1.6E-01	1.4E-02	7.2E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12
1.3E+00	1.9E-07	1.0E-03	2.6E-10	1.6E-01	1.4E-02	5.5E-13	1.3E+00	6.0E-07	1.0E-03	8.4E-10	1.6E-01	1.4E-02	1.8E-12
1.0E+00	1.9E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.3E-13	1.0E+00	6.0E-07	1.0E-03	6.5E-10	1.6E-01	1.4E-02	1.4E-12
7.9E-01	1.9E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.4E-13	6.9E-01	6.0E-07	1.0E-03	4.3E-10	1.6E-01	1.4E-02	9.3E-13
1.1E+00	1.9E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	4.9E-13	9.7E-01	6.0E-07	1.0E-03	6.1E-10	1.6E-01	1.4E-02	1.3E-12
1.8E+00	1.9E-07	1.0E-03	3.6E-10	1.6E-01	1.4E-02	7.7E-13	1.5E+00	6.0E-07	1.0E-03	9.3E-10	1.6E-01	1.4E-02	2.0E-12
3.3E+00	1.9E-07	1.0E-03	6.5E-10	1.6E-01	1.4E-02	1.4E-12	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.5E-12
7.6E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	5.5E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.4E-12
7.7E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12	9.6E+00	6.0E-07	1.0E-03	6.0E-09	1.6E-01	1.4E-02	1.3E-11
4.5E+00	1.9E-07	1.0E-03	9.0E-10	1.6E-01	1.4E-02	1.9E-12	5.1E+00	6.0E-07	1.0E-03	3.2E-09	1.6E-01	1.4E-02	6.9E-12
3.0E+00	1.9E-07	1.0E-03	5.9E-10	1.6E-01	1.4E-02	1.3E-12	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.3E-12
2.1E+00	1.9E-07	1.0E-03	4.1E-10	1.6E-01	1.4E-02	8.8E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12
1.5E+00	1.9E-07	1.0E-03	3.0E-10	1.6E-01	1.4E-02	6.4E-13	1.5E+00	6.0E-07	1.0E-03	9.7E-10	1.6E-01	1.4E-02	2.1E-12
1.1E+00	1.9E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	4.9E-13	1.2E+00	6.0E-07	1.0E-03	7.3E-10	1.6E-01	1.4E-02	1.6E-12
9.0E-01	1.9E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.8E-13	9.0E-01	6.0E-07	1.0E-03	5.7E-10	1.6E-01	1.4E-02	1.2E-12
7.8E-01	1.9E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.4E-13	6.6E-01	6.0E-07	1.0E-03	4.1E-10	1.6E-01	1.4E-02	8.9E-13
1.1E+00	1.9E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	4.8E-13	9.1E-01	6.0E-07	1.0E-03	5.7E-10	1.6E-01	1.4E-02	1.2E-12
1.8E+00	1.9E-07	1.0E-03	3.6E-10	1.6E-01	1.4E-02	7.7E-13	1.4E+00	6.0E-07	1.0E-03	8.5E-10	1.6E-01	1.4E-02	1.8E-12
3.3E+00	1.9E-07	1.0E-03	6.5E-10	1.6E-01	1.4E-02	1.4E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12
7.4E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	4.1E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.5E-12
6.3E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.7E-12	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	1.4E-02	8.7E-12
3.7E+00	1.9E-07	1.0E-03	7.4E-10	1.6E-01	1.4E-02	1.6E-12	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.2E-12

2.4E+00	1.9E-07	1.0E-03	4.8E-10	1.6E-01	1.4E-02	1.0E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.4E-12
1.7E+00	1.9E-07	1.0E-03	3.5E-10	1.6E-01	1.4E-02	7.5E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12
1.3E+00	1.9E-07	1.0E-03	2.6E-10	1.6E-01	1.4E-02	5.5E-13	1.3E+00	6.0E-07	1.0E-03	8.2E-10	1.6E-01	1.4E-02	1.8E-12
9.9E-01	1.9E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.2E-13	9.9E-01	6.0E-07	1.0E-03	6.2E-10	1.6E-01	1.4E-02	1.3E-12
7.8E-01	1.9E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.4E-13	7.8E-01	6.0E-07	1.0E-03	4.9E-10	1.6E-01	1.4E-02	1.1E-12
7.4E-01	1.9E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.2E-13	6.1E-01	6.0E-07	1.0E-03	3.8E-10	1.6E-01	1.4E-02	8.2E-13
1.0E+00	1.9E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.5E-13	8.2E-01	6.0E-07	1.0E-03	5.1E-10	1.6E-01	1.4E-02	1.1E-12
1.6E+00	1.9E-07	1.0E-03	3.1E-10	1.6E-01	1.4E-02	6.8E-13	1.1E+00	6.0E-07	1.0E-03	7.2E-10	1.6E-01	1.4E-02	1.5E-12
2.7E+00	1.9E-07	1.0E-03	5.3E-10	1.6E-01	1.4E-02	1.1E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12
5.0E+00	1.9E-07	1.0E-03	9.8E-10	1.6E-01	1.4E-02	2.1E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12
4.5E+00	1.9E-07	1.0E-03	8.9E-10	1.6E-01	1.4E-02	1.9E-12	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.6E-12
2.9E+00	1.9E-07	1.0E-03	5.7E-10	1.6E-01	1.4E-02	1.2E-12	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.8E-12
2.0E+00	1.9E-07	1.0E-03	3.9E-10	1.6E-01	1.4E-02	8.4E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.7E-12
1.5E+00	1.9E-07	1.0E-03	2.9E-10	1.6E-01	1.4E-02	6.3E-13	1.5E+00	6.0E-07	1.0E-03	9.3E-10	1.6E-01	1.4E-02	2.0E-12
1.1E+00	1.9E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.7E-13	1.1E+00	6.0E-07	1.0E-03	7.0E-10	1.6E-01	1.4E-02	1.5E-12
8.6E-01	1.9E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.7E-13	8.7E-01	6.0E-07	1.0E-03	5.4E-10	1.6E-01	1.4E-02	1.2E-12
6.9E-01	1.9E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	2.9E-13	6.9E-01	6.0E-07	1.0E-03	4.3E-10	1.6E-01	1.4E-02	9.4E-13
6.7E-01	1.9E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.9E-13	5.4E-01	6.0E-07	1.0E-03	3.4E-10	1.6E-01	1.4E-02	7.3E-13
9.0E-01	1.9E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.9E-13	7.0E-01	6.0E-07	1.0E-03	4.4E-10	1.6E-01	1.4E-02	9.4E-13
1.3E+00	1.9E-07	1.0E-03	2.6E-10	1.6E-01	1.4E-02	5.5E-13	9.4E-01	6.0E-07	1.0E-03	5.9E-10	1.6E-01	1.4E-02	1.3E-12
2.0E+00	1.9E-07	1.0E-03	3.9E-10	1.6E-01	1.4E-02	8.4E-13	1.3E+00	6.0E-07	1.0E-03	8.2E-10	1.6E-01	1.4E-02	1.8E-12
3.1E+00	1.9E-07	1.0E-03	6.2E-10	1.6E-01	1.4E-02	1.3E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12
3.3E+00	1.9E-07	1.0E-03	6.6E-10	1.6E-01	1.4E-02	1.4E-12	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.0E-12
2.3E+00	1.9E-07	1.0E-03	4.5E-10	1.6E-01	1.4E-02	9.7E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12
1.6E+00	1.9E-07	1.0E-03	3.2E-10	1.6E-01	1.4E-02	6.9E-13	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12
1.2E+00	1.9E-07	1.0E-03	2.5E-10	1.6E-01	1.4E-02	5.3E-13	1.3E+00	6.0E-07	1.0E-03	8.0E-10	1.6E-01	1.4E-02	1.7E-12
9.6E-01	1.9E-07	1.0E-03	1.9E-10	1.6E-01	1.4E-02	4.1E-13	9.8E-01	6.0E-07	1.0E-03	6.2E-10	1.6E-01	1.4E-02	1.3E-12
7.6E-01	1.9E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.2E-13	7.8E-01	6.0E-07	1.0E-03	4.9E-10	1.6E-01	1.4E-02	1.0E-12
6.1E-01	1.9E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.6E-13	6.3E-01	6.0E-07	1.0E-03	3.9E-10	1.6E-01	1.4E-02	8.5E-13
5.9E-01	1.9E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.5E-13	4.7E-01	6.0E-07	1.0E-03	3.0E-10	1.6E-01	1.4E-02	6.4E-13
7.6E-01	1.9E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.3E-13	5.9E-01	6.0E-07	1.0E-03	3.7E-10	1.6E-01	1.4E-02	8.0E-13
1.0E+00	1.9E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.4E-13	7.6E-01	6.0E-07	1.0E-03	4.8E-10	1.6E-01	1.4E-02	1.0E-12
1.4E+00	1.9E-07	1.0E-03	2.8E-10	1.6E-01	1.4E-02	6.1E-13	1.0E+00	6.0E-07	1.0E-03	6.3E-10	1.6E-01	1.4E-02	1.3E-12
2.1E+00	1.9E-07	1.0E-03	4.2E-10	1.6E-01	1.4E-02	9.0E-13	1.4E+00	6.0E-07	1.0E-03	8.6E-10	1.6E-01	1.4E-02	1.8E-12
2.9E+00	1.9E-07	1.0E-03	5.8E-10	1.6E-01	1.4E-02	1.3E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.5E-12
3.6E+00	1.9E-07	1.0E-03	7.1E-10	1.6E-01	1.4E-02	1.5E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12
3.6E+00	1.9E-07	1.0E-03	7.2E-10	1.6E-01	1.4E-02	1.6E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.3E-12
3.1E+00	1.9E-07	1.0E-03	6.3E-10	1.6E-01	1.4E-02	1.3E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12
2.5E+00	1.9E-07	1.0E-03	4.9E-10	1.6E-01	1.4E-02	1.1E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12
1.9E+00	1.9E-07	1.0E-03	3.7E-10	1.6E-01	1.4E-02	8.0E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12
1.3E+00	1.9E-07	1.0E-03	2.7E-10	1.6E-01	1.4E-02	5.8E-13	1.3E+00	6.0E-07	1.0E-03	8.3E-10	1.6E-01	1.4E-02	1.8E-12
1.0E+00	1.9E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.4E-13	1.1E+00	6.0E-07	1.0E-03	6.6E-10	1.6E-01	1.4E-02	1.4E-12
8.5E-01	1.9E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.7E-13	8.7E-01	6.0E-07	1.0E-03	5.5E-10	1.6E-01	1.4E-02	1.2E-12
6.8E-01	1.9E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	2.9E-13	7.0E-01	6.0E-07	1.0E-03	4.4E-10	1.6E-01	1.4E-02	9.5E-13
5.6E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13	5.7E-01	6.0E-07	1.0E-03	3.6E-10	1.6E-01	1.4E-02	7.8E-13
5.1E-01	1.9E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13	4.1E-01	6.0E-07	1.0E-03	2.6E-10	1.6E-01	1.4E-02	5.6E-13

6.4E-01	1.9E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.7E-13	5.0E-01	6.0E-07	1.0E-03	3.2E-10	1.6E-01	1.4E-02	6.8E-13
8.2E-01	1.9E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.5E-13	6.2E-01	6.0E-07	1.0E-03	3.9E-10	1.6E-01	1.4E-02	8.4E-13
1.1E+00	1.9E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.7E-13	8.0E-01	6.0E-07	1.0E-03	5.0E-10	1.6E-01	1.4E-02	1.1E-12
1.5E+00	1.9E-07	1.0E-03	2.9E-10	1.6E-01	1.4E-02	6.3E-13	1.0E+00	6.0E-07	1.0E-03	6.5E-10	1.6E-01	1.4E-02	1.4E-12
1.9E+00	1.9E-07	1.0E-03	3.7E-10	1.6E-01	1.4E-02	8.0E-13	1.3E+00	6.0E-07	1.0E-03	8.1E-10	1.6E-01	1.4E-02	1.7E-12
2.2E+00	1.9E-07	1.0E-03	4.4E-10	1.6E-01	1.4E-02	9.5E-13	1.5E+00	6.0E-07	1.0E-03	9.5E-10	1.6E-01	1.4E-02	2.1E-12
2.3E+00	1.9E-07	1.0E-03	4.6E-10	1.6E-01	1.4E-02	9.9E-13	1.7E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.3E-12
2.2E+00	1.9E-07	1.0E-03	4.3E-10	1.6E-01	1.4E-02	9.2E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12
1.8E+00	1.9E-07	1.0E-03	3.6E-10	1.6E-01	1.4E-02	7.8E-13	1.6E+00	6.0E-07	1.0E-03	9.7E-10	1.6E-01	1.4E-02	2.1E-12
1.5E+00	1.9E-07	1.0E-03	3.0E-10	1.6E-01	1.4E-02	6.4E-13	1.4E+00	6.0E-07	1.0E-03	8.5E-10	1.6E-01	1.4E-02	1.8E-12
1.2E+00	1.9E-07	1.0E-03	2.4E-10	1.6E-01	1.4E-02	5.1E-13	1.1E+00	6.0E-07	1.0E-03	7.1E-10	1.6E-01	1.4E-02	1.5E-12
9.0E-01	1.9E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.9E-13	9.0E-01	6.0E-07	1.0E-03	5.6E-10	1.6E-01	1.4E-02	1.2E-12
7.6E-01	1.9E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.2E-13	7.7E-01	6.0E-07	1.0E-03	4.8E-10	1.6E-01	1.4E-02	1.0E-12
6.3E-01	1.9E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.7E-13	6.4E-01	6.0E-07	1.0E-03	4.0E-10	1.6E-01	1.4E-02	8.6E-13
5.2E-01	1.9E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13	5.3E-01	6.0E-07	1.0E-03	3.3E-10	1.6E-01	1.4E-02	7.2E-13
4.4E-01	1.9E-07	1.0E-03	8.7E-11	1.6E-01	1.4E-02	1.9E-13	3.6E-01	6.0E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	4.9E-13
5.4E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13	4.3E-01	6.0E-07	1.0E-03	2.7E-10	1.6E-01	1.4E-02	5.8E-13
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8.6E-01	1.9E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.7E-13	6.5E-01	6.0E-07	1.0E-03	4.1E-10	1.6E-01	1.4E-02	8.8E-13
1.1E+00	1.9E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.6E-13	8.0E-01	6.0E-07	1.0E-03	5.0E-10	1.6E-01	1.4E-02	1.1E-12
1.3E+00	1.9E-07	1.0E-03	2.6E-10	1.6E-01	1.4E-02	5.6E-13	9.6E-01	6.0E-07	1.0E-03	6.0E-10	1.6E-01	1.4E-02	1.3E-12
1.5E+00	1.9E-07	1.0E-03	3.0E-10	1.6E-01	1.4E-02	6.4E-13	1.1E+00	6.0E-07	1.0E-03	6.9E-10	1.6E-01	1.4E-02	1.5E-12
1.6E+00	1.9E-07	1.0E-03	3.1E-10	1.6E-01	1.4E-02	6.8E-13	1.2E+00	6.0E-07	1.0E-03	7.5E-10	1.6E-01	1.4E-02	1.6E-12
1.5E+00	1.9E-07	1.0E-03	3.1E-10	1.6E-01	1.4E-02	6.6E-13	1.2E+00	6.0E-07	1.0E-03	7.6E-10	1.6E-01	1.4E-02	1.6E-12
1.4E+00	1.9E-07	1.0E-03	2.7E-10	1.6E-01	1.4E-02	5.9E-13	1.2E+00	6.0E-07	1.0E-03	7.3E-10	1.6E-01	1.4E-02	1.6E-12
1.1E+00	1.9E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	4.9E-13	1.0E+00	6.0E-07	1.0E-03	6.4E-10	1.6E-01	1.4E-02	1.4E-12
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6.5E-01	1.9E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.8E-13	6.4E-01	6.0E-07	1.0E-03	4.0E-10	1.6E-01	1.4E-02	8.7E-13
5.7E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13	5.7E-01	6.0E-07	1.0E-03	3.6E-10	1.6E-01	1.4E-02	7.7E-13
4.8E-01	1.9E-07	1.0E-03	9.5E-11	1.6E-01	1.4E-02	2.0E-13	4.9E-01	6.0E-07	1.0E-03	3.1E-10	1.6E-01	1.4E-02	6.6E-13
3.8E-01	1.9E-07	1.0E-03	7.6E-11	1.6E-01	1.4E-02	1.6E-13	3.2E-01	6.0E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.3E-13
4.6E-01	1.9E-07	1.0E-03	9.1E-11	1.6E-01	1.4E-02	2.0E-13	3.7E-01	6.0E-07	1.0E-03	2.4E-10	1.6E-01	1.4E-02	5.1E-13
5.6E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13	4.5E-01	6.0E-07	1.0E-03	2.8E-10	1.6E-01	1.4E-02	6.0E-13
6.8E-01	1.9E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	2.9E-13	5.3E-01	6.0E-07	1.0E-03	3.4E-10	1.6E-01	1.4E-02	7.2E-13
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9.7E-01	1.9E-07	1.0E-03	1.9E-10	1.6E-01	1.4E-02	4.2E-13	7.4E-01	6.0E-07	1.0E-03	4.7E-10	1.6E-01	1.4E-02	1.0E-12
1.1E+00	1.9E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.7E-13	8.4E-01	6.0E-07	1.0E-03	5.2E-10	1.6E-01	1.4E-02	1.1E-12
1.1E+00	1.9E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	4.9E-13	9.0E-01	6.0E-07	1.0E-03	5.6E-10	1.6E-01	1.4E-02	1.2E-12
1.1E+00	1.9E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	4.8E-13	9.2E-01	6.0E-07	1.0E-03	5.8E-10	1.6E-01	1.4E-02	1.2E-12
1.1E+00	1.9E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.5E-13	8.9E-01	6.0E-07	1.0E-03	5.6E-10	1.6E-01	1.4E-02	1.2E-12
9.6E-01	1.9E-07	1.0E-03	1.9E-10	1.6E-01	1.4E-02	4.1E-13	8.4E-01	6.0E-07	1.0E-03	5.3E-10	1.6E-01	1.4E-02	1.1E-12
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7.2E-01	1.9E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.1E-13	6.8E-01	6.0E-07	1.0E-03	4.3E-10	1.6E-01	1.4E-02	9.2E-13
5.8E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.5E-13	5.6E-01	6.0E-07	1.0E-03	3.5E-10	1.6E-01	1.4E-02	7.6E-13
4.9E-01	1.9E-07	1.0E-03	9.7E-11	1.6E-01	1.4E-02	2.1E-13	4.9E-01	6.0E-07	1.0E-03	3.1E-10	1.6E-01	1.4E-02	6.6E-13

4.4E-01	1.9E-07	1.0E-03	8.8E-11	1.6E-01	1.4E-02	1.9E-13	4.5E-01	6.0E-07	1.0E-03	2.8E-10	1.6E-01	1.4E-02	6.0E-13
3.4E-01	1.9E-07	1.0E-03	6.7E-11	1.6E-01	1.4E-02	1.4E-13	2.8E-01	6.0E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.8E-13
4.0E-01	1.9E-07	1.0E-03	7.9E-11	1.6E-01	1.4E-02	1.7E-13	3.3E-01	6.0E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.4E-13
4.7E-01	1.9E-07	1.0E-03	9.3E-11	1.6E-01	1.4E-02	2.0E-13	3.8E-01	6.0E-07	1.0E-03	2.4E-10	1.6E-01	1.4E-02	5.2E-13
5.6E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13	4.5E-01	6.0E-07	1.0E-03	2.8E-10	1.6E-01	1.4E-02	6.0E-13
6.5E-01	1.9E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.8E-13	5.2E-01	6.0E-07	1.0E-03	3.3E-10	1.6E-01	1.4E-02	7.0E-13
7.5E-01	1.9E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.2E-13	5.9E-01	6.0E-07	1.0E-03	3.7E-10	1.6E-01	1.4E-02	8.0E-13
8.3E-01	1.9E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.5E-13	6.6E-01	6.0E-07	1.0E-03	4.1E-10	1.6E-01	1.4E-02	8.9E-13
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8.7E-01	1.9E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.7E-13	7.2E-01	6.0E-07	1.0E-03	4.5E-10	1.6E-01	1.4E-02	9.7E-13
8.4E-01	1.9E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.6E-13	7.1E-01	6.0E-07	1.0E-03	4.5E-10	1.6E-01	1.4E-02	9.6E-13
7.8E-01	1.9E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.3E-13	6.9E-01	6.0E-07	1.0E-03	4.3E-10	1.6E-01	1.4E-02	9.3E-13
7.1E-01	1.9E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.0E-13	6.4E-01	6.0E-07	1.0E-03	4.0E-10	1.6E-01	1.4E-02	8.6E-13
6.2E-01	1.9E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.7E-13	5.8E-01	6.0E-07	1.0E-03	3.7E-10	1.6E-01	1.4E-02	7.9E-13
5.4E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13	5.2E-01	6.0E-07	1.0E-03	3.3E-10	1.6E-01	1.4E-02	7.0E-13
4.4E-01	1.9E-07	1.0E-03	8.8E-11	1.6E-01	1.4E-02	1.9E-13	4.3E-01	6.0E-07	1.0E-03	2.7E-10	1.6E-01	1.4E-02	5.8E-13
3.8E-01	1.9E-07	1.0E-03	7.6E-11	1.6E-01	1.4E-02	1.6E-13	3.8E-01	6.0E-07	1.0E-03	2.4E-10	1.6E-01	1.4E-02	5.1E-13
2.9E-01	1.9E-07	1.0E-03	5.8E-11	1.6E-01	1.4E-02	1.3E-13	2.5E-01	6.0E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.4E-13
3.4E-01	1.9E-07	1.0E-03	6.8E-11	1.6E-01	1.4E-02	1.5E-13	2.9E-01	6.0E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.9E-13
4.0E-01	1.9E-07	1.0E-03	7.9E-11	1.6E-01	1.4E-02	1.7E-13	3.3E-01	6.0E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.4E-13
4.6E-01	1.9E-07	1.0E-03	9.2E-11	1.6E-01	1.4E-02	2.0E-13	3.8E-01	6.0E-07	1.0E-03	2.4E-10	1.6E-01	1.4E-02	5.1E-13
5.3E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13	4.3E-01	6.0E-07	1.0E-03	2.7E-10	1.6E-01	1.4E-02	5.8E-13
6.0E-01	1.9E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.6E-13	4.9E-01	6.0E-07	1.0E-03	3.0E-10	1.6E-01	1.4E-02	6.6E-13
6.5E-01	1.9E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.8E-13	5.3E-01	6.0E-07	1.0E-03	3.3E-10	1.6E-01	1.4E-02	7.2E-13
6.8E-01	1.9E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	2.9E-13	5.6E-01	6.0E-07	1.0E-03	3.5E-10	1.6E-01	1.4E-02	7.6E-13
6.9E-01	1.9E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.0E-13	5.8E-01	6.0E-07	1.0E-03	3.6E-10	1.6E-01	1.4E-02	7.8E-13
6.7E-01	1.9E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.9E-13	5.8E-01	6.0E-07	1.0E-03	3.6E-10	1.6E-01	1.4E-02	7.8E-13
6.4E-01	1.9E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.7E-13	5.6E-01	6.0E-07	1.0E-03	3.5E-10	1.6E-01	1.4E-02	7.6E-13
5.9E-01	1.9E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.5E-13	5.3E-01	6.0E-07	1.0E-03	3.4E-10	1.6E-01	1.4E-02	7.2E-13
5.4E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13	5.0E-01	6.0E-07	1.0E-03	3.1E-10	1.6E-01	1.4E-02	6.7E-13
4.8E-01	1.9E-07	1.0E-03	9.5E-11	1.6E-01	1.4E-02	2.1E-13	4.5E-01	6.0E-07	1.0E-03	2.9E-10	1.6E-01	1.4E-02	6.1E-13
4.2E-01	1.9E-07	1.0E-03	8.3E-11	1.6E-01	1.4E-02	1.8E-13	4.0E-01	6.0E-07	1.0E-03	2.5E-10	1.6E-01	1.4E-02	5.5E-13
3.5E-01	1.9E-07	1.0E-03	6.9E-11	1.6E-01	1.4E-02	1.5E-13	3.4E-01	6.0E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.6E-13
2.6E-01	1.9E-07	1.0E-03	5.2E-11	1.6E-01	1.4E-02	1.1E-13	2.2E-01	6.0E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.0E-13
3.0E-01	1.9E-07	1.0E-03	5.9E-11	1.6E-01	1.4E-02	1.3E-13	2.5E-01	6.0E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.4E-13
3.4E-01	1.9E-07	1.0E-03	6.8E-11	1.6E-01	1.4E-02	1.5E-13	2.9E-01	6.0E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.9E-13
3.9E-01	1.9E-07	1.0E-03	7.7E-11	1.6E-01	1.4E-02	1.7E-13	3.3E-01	6.0E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.4E-13
4.4E-01	1.9E-07	1.0E-03	8.7E-11	1.6E-01	1.4E-02	1.9E-13	3.7E-01	6.0E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	4.9E-13
4.9E-01	1.9E-07	1.0E-03	9.7E-11	1.6E-01	1.4E-02	2.1E-13	4.0E-01	6.0E-07	1.0E-03	2.5E-10	1.6E-01	1.4E-02	5.5E-13
5.3E-01	1.9E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.3E-13	4.4E-01	6.0E-07	1.0E-03	2.8E-10	1.6E-01	1.4E-02	5.9E-13
5.5E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13	4.6E-01	6.0E-07	1.0E-03	2.9E-10	1.6E-01	1.4E-02	6.3E-13
5.6E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13	4.8E-01	6.0E-07	1.0E-03	3.0E-10	1.6E-01	1.4E-02	6.4E-13
5.5E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13	4.8E-01	6.0E-07	1.0E-03	3.0E-10	1.6E-01	1.4E-02	6.5E-13
5.3E-01	1.9E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13	4.7E-01	6.0E-07	1.0E-03	2.9E-10	1.6E-01	1.4E-02	6.3E-13
5.0E-01	1.9E-07	1.0E-03	9.9E-11	1.6E-01	1.4E-02	2.1E-13	4.5E-01	6.0E-07	1.0E-03	2.8E-10	1.6E-01	1.4E-02	6.1E-13
4.6E-01	1.9E-07	1.0E-03	9.2E-11	1.6E-01	1.4E-02	2.0E-13	4.3E-01	6.0E-07	1.0E-03	2.7E-10	1.6E-01	1.4E-02	5.7E-13

4.2E-01	1.9E-07	1.0E-03	8.4E-11	1.6E-01	1.4E-02	1.8E-13	4.0E-01	6.0E-07	1.0E-03	2.5E-10	1.6E-01	1.4E-02	5.3E-13
3.8E-01	1.9E-07	1.0E-03	7.5E-11	1.6E-01	1.4E-02	1.6E-13	3.6E-01	6.0E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	4.9E-13
3.2E-01	1.9E-07	1.0E-03	6.4E-11	1.6E-01	1.4E-02	1.4E-13	3.1E-01	6.0E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.2E-13
1.2E+01	1.9E-07	1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	1.4E+01	6.0E-07	1.0E-03	8.9E-09	1.6E-01	1.4E-02	1.9E-11
1.4E+01	1.9E-07	1.0E-03	2.8E-09	1.6E-01	1.4E-02	5.9E-12	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.5E-11
1.6E+01	1.9E-07	1.0E-03	3.2E-09	1.6E-01	1.4E-02	7.0E-12	2.4E+01	6.0E-07	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.2E-11
1.9E+01	1.9E-07	1.0E-03	3.7E-09	1.6E-01	1.4E-02	8.1E-12	3.2E+01	6.0E-07	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.3E-11
2.1E+01	1.9E-07	1.0E-03	4.3E-09	1.6E-01	1.4E-02	9.2E-12	4.2E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	1.4E-02	5.7E-11
2.3E+01	1.9E-07	1.0E-03	4.7E-09	1.6E-01	1.4E-02	1.0E-11	5.4E+01	6.0E-07	1.0E-03	3.4E-08	1.6E-01	1.4E-02	7.3E-11
2.5E+01	1.9E-07	1.0E-03	4.9E-09	1.6E-01	1.4E-02	1.1E-11	6.3E+01	6.0E-07	1.0E-03	3.9E-08	1.6E-01	1.4E-02	8.5E-11
2.4E+01	1.9E-07	1.0E-03	4.9E-09	1.6E-01	1.4E-02	1.0E-11	6.8E+01	6.0E-07	1.0E-03	4.3E-08	1.6E-01	1.4E-02	9.2E-11
2.3E+01	1.9E-07	1.0E-03	4.7E-09	1.6E-01	1.4E-02	1.0E-11	7.0E+01	6.0E-07	1.0E-03	4.4E-08	1.6E-01	1.4E-02	9.4E-11
2.2E+01	1.9E-07	1.0E-03	4.3E-09	1.6E-01	1.4E-02	9.3E-12	6.8E+01	6.0E-07	1.0E-03	4.2E-08	1.6E-01	1.4E-02	9.1E-11
2.0E+01	1.9E-07	1.0E-03	4.0E-09	1.6E-01	1.4E-02	8.6E-12	6.1E+01	6.0E-07	1.0E-03	3.8E-08	1.6E-01	1.4E-02	8.2E-11
1.8E+01	1.9E-07	1.0E-03	3.6E-09	1.6E-01	1.4E-02	7.8E-12	5.1E+01	6.0E-07	1.0E-03	3.2E-08	1.6E-01	1.4E-02	6.9E-11
1.7E+01	1.9E-07	1.0E-03	3.3E-09	1.6E-01	1.4E-02	7.1E-12	4.2E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	1.4E-02	5.7E-11
1.5E+01	1.9E-07	1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.4E-12	3.5E+01	6.0E-07	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.7E-11
1.3E+01	1.9E-07	1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.8E-12	2.9E+01	6.0E-07	1.0E-03	1.8E-08	1.6E-01	1.4E-02	3.9E-11
1.2E+01	1.9E-07	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.2E-12	2.4E+01	6.0E-07	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.2E-11
1.1E+01	1.9E-07	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.7E-12	2.0E+01	6.0E-07	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.7E-11
9.9E+00	1.9E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.2E-12	1.7E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11
9.0E+00	1.9E-07	1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.8E-12	1.5E+01	6.0E-07	1.0E-03	9.1E-09	1.6E-01	1.4E-02	2.0E-11
8.1E+00	1.9E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.5E-12	1.3E+01	6.0E-07	1.0E-03	7.9E-09	1.6E-01	1.4E-02	1.7E-11
7.4E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	1.1E+01	6.0E-07	1.0E-03	6.9E-09	1.6E-01	1.4E-02	1.5E-11
6.7E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12	9.6E+00	6.0E-07	1.0E-03	6.0E-09	1.6E-01	1.4E-02	1.3E-11
6.1E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	8.5E+00	6.0E-07	1.0E-03	5.3E-09	1.6E-01	1.4E-02	1.1E-11
5.6E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	7.5E+00	6.0E-07	1.0E-03	4.7E-09	1.6E-01	1.4E-02	1.0E-11
5.1E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	6.7E+00	6.0E-07	1.0E-03	4.2E-09	1.6E-01	1.4E-02	9.1E-12
4.7E+00	1.9E-07	1.0E-03	9.4E-10	1.6E-01	1.4E-02	2.0E-12	6.0E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	1.4E-02	8.1E-12
1.4E+01	1.9E-07	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.1E-12	1.6E+01	6.0E-07	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11
1.8E+01	1.9E-07	1.0E-03	3.5E-09	1.6E-01	1.4E-02	7.6E-12	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	1.4E-02	2.9E-11
2.2E+01	1.9E-07	1.0E-03	4.3E-09	1.6E-01	1.4E-02	9.2E-12	3.0E+01	6.0E-07	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.1E-11
2.6E+01	1.9E-07	1.0E-03	5.2E-09	1.6E-01	1.4E-02	1.1E-11	4.3E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	1.4E-02	5.8E-11
3.1E+01	1.9E-07	1.0E-03	6.1E-09	1.6E-01	1.4E-02	1.3E-11	1.5E+01	6.0E-07	1.0E-03	9.6E-09	1.6E-01	1.4E-02	2.1E-11
3.4E+01	1.9E-07	1.0E-03	6.8E-09	1.6E-01	1.4E-02	1.5E-11	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	1.4E-02	2.9E-11
3.5E+01	1.9E-07	1.0E-03	7.0E-09	1.6E-01	1.4E-02	1.5E-11	3.2E+01	6.0E-07	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.3E-11
3.3E+01	1.9E-07	1.0E-03	6.6E-09	1.6E-01	1.4E-02	1.4E-11	4.6E+01	6.0E-07	1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.3E-11
3.0E+01	1.9E-07	1.0E-03	6.1E-09	1.6E-01	1.4E-02	1.3E-11	4.7E+01	6.0E-07	1.0E-03	3.0E-08	1.6E-01	1.4E-02	6.4E-11
2.7E+01	1.9E-07	1.0E-03	5.4E-09	1.6E-01	1.4E-02	1.2E-11	3.5E+01	6.0E-07	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.7E-11
2.4E+01	1.9E-07	1.0E-03	4.8E-09	1.6E-01	1.4E-02	1.0E-11	2.6E+01	6.0E-07	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.6E-11
2.1E+01	1.9E-07	1.0E-03	4.2E-09	1.6E-01	1.4E-02	9.1E-12	6.8E+01	6.0E-07	1.0E-03	4.3E-08	1.6E-01	1.4E-02	9.2E-11
1.9E+01	1.9E-07	1.0E-03	3.7E-09	1.6E-01	1.4E-02	8.0E-12	5.2E+01	6.0E-07	1.0E-03	3.2E-08	1.6E-01	1.4E-02	7.0E-11
1.7E+01	1.9E-07	1.0E-03	3.3E-09	1.6E-01	1.4E-02	7.1E-12	4.0E+01	6.0E-07	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.4E-11
1.5E+01	1.9E-07	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.3E-12	3.2E+01	6.0E-07	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.3E-11
1.3E+01	1.9E-07	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.6E-12	2.6E+01	6.0E-07	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11
1.2E+01	1.9E-07	1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	2.1E+01	6.0E-07	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.9E-11

1.0E+01	1.9E-07	1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.5E-12	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11
9.4E+00	1.9E-07	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.0E-12	1.5E+01	6.0E-07	1.0E-03	9.4E-09	1.6E-01	1.4E-02	2.0E-11
8.4E+00	1.9E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12	1.3E+01	6.0E-07	1.0E-03	8.0E-09	1.6E-01	1.4E-02	1.7E-11
7.6E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12	1.1E+01	6.0E-07	1.0E-03	6.9E-09	1.6E-01	1.4E-02	1.5E-11
6.9E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	2.9E-12	9.6E+00	6.0E-07	1.0E-03	6.0E-09	1.6E-01	1.4E-02	1.3E-11
6.2E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.7E-12	8.4E+00	6.0E-07	1.0E-03	5.3E-09	1.6E-01	1.4E-02	1.1E-11
5.7E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	7.4E+00	6.0E-07	1.0E-03	4.7E-09	1.6E-01	1.4E-02	1.0E-11
5.2E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	6.6E+00	6.0E-07	1.0E-03	4.2E-09	1.6E-01	1.4E-02	8.9E-12
4.8E+00	1.9E-07	1.0E-03	9.5E-10	1.6E-01	1.4E-02	2.0E-12	5.9E+00	6.0E-07	1.0E-03	3.7E-09	1.6E-01	1.4E-02	8.0E-12
1.8E+01	1.9E-07	1.0E-03	3.5E-09	1.6E-01	1.4E-02	7.5E-12	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11
2.3E+01	1.9E-07	1.0E-03	4.5E-09	1.6E-01	1.4E-02	9.7E-12	2.5E+01	6.0E-07	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.4E-11
2.9E+01	1.9E-07	1.0E-03	5.8E-09	1.6E-01	1.4E-02	1.3E-11	3.7E+01	6.0E-07	1.0E-03	2.3E-08	1.6E-01	1.4E-02	4.9E-11
3.8E+01	1.9E-07	1.0E-03	7.6E-09	1.6E-01	1.4E-02	1.6E-11	5.7E+01	6.0E-07	1.0E-03	3.6E-08	1.6E-01	1.4E-02	7.7E-11
4.8E+01	1.9E-07	1.0E-03	9.4E-09	1.6E-01	1.4E-02	2.0E-11	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11
5.4E+01	1.9E-07	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11	2.7E+01	6.0E-07	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.7E-11
5.3E+01	1.9E-07	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11	4.4E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	1.4E-02	5.9E-11
4.7E+01	1.9E-07	1.0E-03	9.3E-09	1.6E-01	1.4E-02	2.0E-11	0.0E+00	6.0E-07	1.0E-03	0.0E+00	1.6E-01	1.4E-02	0.0E+00
4.0E+01	1.9E-07	1.0E-03	7.9E-09	1.6E-01	1.4E-02	1.7E-11	0.0E+00	6.0E-07	1.0E-03	0.0E+00	1.6E-01	1.4E-02	0.0E+00
3.4E+01	1.9E-07	1.0E-03	6.7E-09	1.6E-01	1.4E-02	1.4E-11	4.3E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	1.4E-02	5.9E-11
2.9E+01	1.9E-07	1.0E-03	5.7E-09	1.6E-01	1.4E-02	1.2E-11	3.0E+01	6.0E-07	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.1E-11
2.4E+01	1.9E-07	1.0E-03	4.9E-09	1.6E-01	1.4E-02	1.0E-11	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.0E-11
2.1E+01	1.9E-07	1.0E-03	4.2E-09	1.6E-01	1.4E-02	9.0E-12	6.1E+01	6.0E-07	1.0E-03	3.9E-08	1.6E-01	1.4E-02	8.3E-11
1.8E+01	1.9E-07	1.0E-03	3.6E-09	1.6E-01	1.4E-02	7.8E-12	4.4E+01	6.0E-07	1.0E-03	2.8E-08	1.6E-01	1.4E-02	6.0E-11
1.6E+01	1.9E-07	1.0E-03	3.2E-09	1.6E-01	1.4E-02	6.8E-12	3.4E+01	6.0E-07	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.6E-11
1.4E+01	1.9E-07	1.0E-03	2.8E-09	1.6E-01	1.4E-02	6.0E-12	2.7E+01	6.0E-07	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.6E-11
1.2E+01	1.9E-07	1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.3E-12	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	1.4E-02	2.9E-11
1.1E+01	1.9E-07	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.7E-12	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11
9.7E+00	1.9E-07	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.2E-12	1.5E+01	6.0E-07	1.0E-03	9.4E-09	1.6E-01	1.4E-02	2.0E-11
8.7E+00	1.9E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.7E-12	1.3E+01	6.0E-07	1.0E-03	7.9E-09	1.6E-01	1.4E-02	1.7E-11
7.8E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12	1.1E+01	6.0E-07	1.0E-03	6.8E-09	1.6E-01	1.4E-02	1.5E-11
7.0E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12	9.4E+00	6.0E-07	1.0E-03	5.9E-09	1.6E-01	1.4E-02	1.3E-11
6.3E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.7E-12	8.2E+00	6.0E-07	1.0E-03	5.2E-09	1.6E-01	1.4E-02	1.1E-11
5.7E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	7.3E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	1.4E-02	9.8E-12
5.2E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	6.5E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	1.4E-02	8.7E-12
4.8E+00	1.9E-07	1.0E-03	9.4E-10	1.6E-01	1.4E-02	2.0E-12	5.8E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	1.4E-02	7.8E-12
2.1E+01	1.9E-07	1.0E-03	4.2E-09	1.6E-01	1.4E-02	9.1E-12	1.9E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11
2.9E+01	1.9E-07	1.0E-03	5.7E-09	1.6E-01	1.4E-02	1.2E-11	2.7E+01	6.0E-07	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.7E-11
4.0E+01	1.9E-07	1.0E-03	8.0E-09	1.6E-01	1.4E-02	1.7E-11	4.1E+01	6.0E-07	1.0E-03	2.6E-08	1.6E-01	1.4E-02	5.6E-11
5.7E+01	1.9E-07	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11	1.3E+01	6.0E-07	1.0E-03	8.2E-09	1.6E-01	1.4E-02	1.8E-11
2.2E+01	1.9E-07	1.0E-03	4.5E-09	1.6E-01	1.4E-02	9.6E-12	2.0E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.7E-11
2.5E+01	1.9E-07	1.0E-03	4.9E-09	1.6E-01	1.4E-02	1.1E-11	3.1E+01	6.0E-07	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.2E-11
2.6E+01	1.9E-07	1.0E-03	5.1E-09	1.6E-01	1.4E-02	1.1E-11	0.0E+00	6.0E-07	1.0E-03	0.0E+00	1.6E-01	1.4E-02	0.0E+00
6.8E+01	1.9E-07	1.0E-03	1.4E-08	1.6E-01	1.4E-02	2.9E-11	0.0E+00	6.0E-07	1.0E-03	0.0E+00	1.6E-01	1.4E-02	0.0E+00
5.2E+01	1.9E-07	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11	0.0E+00	6.0E-07	1.0E-03	0.0E+00	1.6E-01	1.4E-02	0.0E+00
4.1E+01	1.9E-07	1.0E-03	8.1E-09	1.6E-01	1.4E-02	1.8E-11	5.0E+01	6.0E-07	1.0E-03	3.1E-08	1.6E-01	1.4E-02	6.7E-11
3.3E+01	1.9E-07	1.0E-03	6.6E-09	1.6E-01	1.4E-02	1.4E-11	3.2E+01	6.0E-07	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.3E-11

2.8E+01	1.9E-07	1.0E-03	5.5E-09	1.6E-01	1.4E-02	1.2E-11	2.3E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.1E-11
2.3E+01	1.9E-07	1.0E-03	4.6E-09	1.6E-01	1.4E-02	1.0E-11	6.8E+01	6.0E-07	1.0E-03	4.3E-08	1.6E-01	1.4E-02	9.2E-11
2.0E+01	1.9E-07	1.0E-03	3.9E-09	1.6E-01	1.4E-02	8.5E-12	4.6E+01	6.0E-07	1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.3E-11
1.7E+01	1.9E-07	1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.3E-12	3.4E+01	6.0E-07	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.6E-11
1.5E+01	1.9E-07	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.3E-12	2.7E+01	6.0E-07	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.6E-11
1.3E+01	1.9E-07	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.5E-12	2.1E+01	6.0E-07	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.9E-11
1.1E+01	1.9E-07	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.8E-12	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11
9.9E+00	1.9E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.2E-12	1.5E+01	6.0E-07	1.0E-03	9.2E-09	1.6E-01	1.4E-02	2.0E-11
8.8E+00	1.9E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.8E-12	1.2E+01	6.0E-07	1.0E-03	7.8E-09	1.6E-01	1.4E-02	1.7E-11
7.8E+00	1.9E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.3E-12	1.1E+01	6.0E-07	1.0E-03	6.6E-09	1.6E-01	1.4E-02	1.4E-11
7.0E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12	9.2E+00	6.0E-07	1.0E-03	5.7E-09	1.6E-01	1.4E-02	1.2E-11
6.3E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.7E-12	8.0E+00	6.0E-07	1.0E-03	5.0E-09	1.6E-01	1.4E-02	1.1E-11
5.7E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	7.0E+00	6.0E-07	1.0E-03	4.4E-09	1.6E-01	1.4E-02	9.5E-12
5.2E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	6.3E+00	6.0E-07	1.0E-03	3.9E-09	1.6E-01	1.4E-02	8.5E-12
4.7E+00	1.9E-07	1.0E-03	9.4E-10	1.6E-01	1.4E-02	2.0E-12	5.6E+00	6.0E-07	1.0E-03	3.5E-09	1.6E-01	1.4E-02	7.6E-12
2.5E+01	1.9E-07	1.0E-03	5.0E-09	1.6E-01	1.4E-02	1.1E-11	1.9E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11
3.6E+01	1.9E-07	1.0E-03	7.1E-09	1.6E-01	1.4E-02	1.5E-11	2.7E+01	6.0E-07	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.7E-11
5.3E+01	1.9E-07	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11	4.2E+01	6.0E-07	1.0E-03	2.6E-08	1.6E-01	1.4E-02	5.6E-11
2.8E+01	1.9E-07	1.0E-03	5.5E-09	1.6E-01	1.4E-02	1.2E-11	1.3E+01	6.0E-07	1.0E-03	8.3E-09	1.6E-01	1.4E-02	1.8E-11
3.4E+01	1.9E-07	1.0E-03	6.8E-09	1.6E-01	1.4E-02	1.5E-11	2.0E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.7E-11
1.3E+01	1.9E-07	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.6E-12	2.1E+01	6.0E-07	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.8E-11
1.1E+01	1.9E-07	1.0E-03	2.3E-09	1.6E-01	1.4E-02	4.9E-12	1.7E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11
1.0E+01	1.9E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.3E-12	1.4E+01	6.0E-07	1.0E-03	8.8E-09	1.6E-01	1.4E-02	1.9E-11
8.8E+00	1.9E-07	1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.8E-12	1.2E+01	6.0E-07	1.0E-03	7.4E-09	1.6E-01	1.4E-02	1.6E-11
7.8E+00	1.9E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.3E-12	1.0E+01	6.0E-07	1.0E-03	6.4E-09	1.6E-01	1.4E-02	1.4E-11
7.0E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12	8.8E+00	6.0E-07	1.0E-03	5.5E-09	1.6E-01	1.4E-02	1.2E-11
6.3E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.7E-12	7.7E+00	6.0E-07	1.0E-03	4.8E-09	1.6E-01	1.4E-02	1.0E-11
5.6E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	6.8E+00	6.0E-07	1.0E-03	4.2E-09	1.6E-01	1.4E-02	9.1E-12
5.1E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	6.0E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	1.4E-02	8.1E-12
4.6E+00	1.9E-07	1.0E-03	9.2E-10	1.6E-01	1.4E-02	2.0E-12	5.4E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.3E-12
2.9E+01	1.9E-07	1.0E-03	5.7E-09	1.6E-01	1.4E-02	1.2E-11	1.8E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.5E-11
4.2E+01	1.9E-07	1.0E-03	8.3E-09	1.6E-01	1.4E-02	1.8E-11	2.6E+01	6.0E-07	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.4E-11
6.4E+01	1.9E-07	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.8E-11	3.8E+01	6.0E-07	1.0E-03	2.4E-08	1.6E-01	1.4E-02	5.1E-11
4.2E+01	1.9E-07	1.0E-03	8.4E-09	1.6E-01	1.4E-02	1.8E-11	1.2E+01	6.0E-07	1.0E-03	7.8E-09	1.6E-01	1.4E-02	1.7E-11
5.7E+01	1.9E-07	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11	1.8E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.5E-11
1.3E+01	1.9E-07	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.7E-12	1.9E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11
1.1E+01	1.9E-07	1.0E-03	2.3E-09	1.6E-01	1.4E-02	4.9E-12	1.6E+01	6.0E-07	1.0E-03	9.9E-09	1.6E-01	1.4E-02	2.1E-11
1.0E+01	1.9E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.3E-12	1.3E+01	6.0E-07	1.0E-03	8.3E-09	1.6E-01	1.4E-02	1.8E-11
8.8E+00	1.9E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.7E-12	1.1E+01	6.0E-07	1.0E-03	7.0E-09	1.6E-01	1.4E-02	1.5E-11
7.7E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12	9.6E+00	6.0E-07	1.0E-03	6.0E-09	1.6E-01	1.4E-02	1.3E-11
6.9E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	2.9E-12	8.3E+00	6.0E-07	1.0E-03	5.2E-09	1.6E-01	1.4E-02	1.1E-11
6.1E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	7.3E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	1.4E-02	9.8E-12
5.5E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	1.4E-02	8.7E-12
5.0E+00	1.9E-07	1.0E-03	9.9E-10	1.6E-01	1.4E-02	2.1E-12	5.7E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	1.4E-02	7.7E-12
4.5E+00	1.9E-07	1.0E-03	9.0E-10	1.6E-01	1.4E-02	1.9E-12	5.1E+00	6.0E-07	1.0E-03	3.2E-09	1.6E-01	1.4E-02	6.9E-12
3.1E+01	1.9E-07	1.0E-03	6.2E-09	1.6E-01	1.4E-02	1.3E-11	1.6E+01	6.0E-07	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11

4.5E+01	1.9E-07	1.0E-03	9.0E-09	1.6E-01	1.4E-02	1.9E-11	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.0E-11
7.1E+01	1.9E-07	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.1E-11	3.1E+01	6.0E-07	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.2E-11
1.7E+01	1.9E-07	1.0E-03	3.3E-09	1.6E-01	1.4E-02	7.1E-12	4.5E+01	6.0E-07	1.0E-03	2.8E-08	1.6E-01	1.4E-02	6.1E-11
2.0E+01	1.9E-07	1.0E-03	4.0E-09	1.6E-01	1.4E-02	8.7E-12	1.5E+01	6.0E-07	1.0E-03	9.6E-09	1.6E-01	1.4E-02	2.1E-11
1.3E+01	1.9E-07	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.6E-12	1.7E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11
1.1E+01	1.9E-07	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.8E-12	1.4E+01	6.0E-07	1.0E-03	9.0E-09	1.6E-01	1.4E-02	1.9E-11
9.8E+00	1.9E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.2E-12	1.2E+01	6.0E-07	1.0E-03	7.6E-09	1.6E-01	1.4E-02	1.6E-11
8.6E+00	1.9E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.7E-12	1.0E+01	6.0E-07	1.0E-03	6.5E-09	1.6E-01	1.4E-02	1.4E-11
7.6E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	9.0E+00	6.0E-07	1.0E-03	5.6E-09	1.6E-01	1.4E-02	1.2E-11
6.7E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12	7.8E+00	6.0E-07	1.0E-03	4.9E-09	1.6E-01	1.4E-02	1.1E-11
6.0E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	6.9E+00	6.0E-07	1.0E-03	4.3E-09	1.6E-01	1.4E-02	9.3E-12
5.4E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12	6.1E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	1.4E-02	8.2E-12
4.9E+00	1.9E-07	1.0E-03	9.6E-10	1.6E-01	1.4E-02	2.1E-12	5.4E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.3E-12
4.4E+00	1.9E-07	1.0E-03	8.8E-10	1.6E-01	1.4E-02	1.9E-12	4.9E+00	6.0E-07	1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.6E-12
3.2E+01	1.9E-07	1.0E-03	6.4E-09	1.6E-01	1.4E-02	1.4E-11	1.5E+01	6.0E-07	1.0E-03	9.1E-09	1.6E-01	1.4E-02	2.0E-11
4.7E+01	1.9E-07	1.0E-03	9.4E-09	1.6E-01	1.4E-02	2.0E-11	1.9E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.5E-11
7.5E+01	1.9E-07	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.2E-11	2.5E+01	6.0E-07	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.3E-11
6.2E+01	1.9E-07	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.7E-11	3.3E+01	6.0E-07	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.4E-11
3.4E+01	1.9E-07	1.0E-03	6.7E-09	1.6E-01	1.4E-02	1.4E-11	4.4E+01	6.0E-07	1.0E-03	2.7E-08	1.6E-01	1.4E-02	5.9E-11
1.3E+01	1.9E-07	1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.5E-12	1.5E+01	6.0E-07	1.0E-03	9.6E-09	1.6E-01	1.4E-02	2.1E-11
1.1E+01	1.9E-07	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.7E-12	1.3E+01	6.0E-07	1.0E-03	8.1E-09	1.6E-01	1.4E-02	1.8E-11
9.5E+00	1.9E-07	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.1E-12	1.1E+01	6.0E-07	1.0E-03	7.0E-09	1.6E-01	1.4E-02	1.5E-11
8.3E+00	1.9E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12	9.6E+00	6.0E-07	1.0E-03	6.0E-09	1.6E-01	1.4E-02	1.3E-11
7.3E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.1E-12	8.3E+00	6.0E-07	1.0E-03	5.2E-09	1.6E-01	1.4E-02	1.1E-11
6.5E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	7.3E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	1.4E-02	9.8E-12
5.8E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	1.4E-02	8.7E-12
5.2E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	5.7E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	1.4E-02	7.7E-12
4.7E+00	1.9E-07	1.0E-03	9.3E-10	1.6E-01	1.4E-02	2.0E-12	5.1E+00	6.0E-07	1.0E-03	3.2E-09	1.6E-01	1.4E-02	6.9E-12
4.3E+00	1.9E-07	1.0E-03	8.5E-10	1.6E-01	1.4E-02	1.8E-12	4.6E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.2E-12
3.2E+01	1.9E-07	1.0E-03	6.3E-09	1.6E-01	1.4E-02	1.4E-11	1.3E+01	6.0E-07	1.0E-03	7.9E-09	1.6E-01	1.4E-02	1.7E-11
4.7E+01	1.9E-07	1.0E-03	9.4E-09	1.6E-01	1.4E-02	2.0E-11	1.6E+01	6.0E-07	1.0E-03	9.8E-09	1.6E-01	1.4E-02	2.1E-11
7.4E+01	1.9E-07	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.2E-11	2.0E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11
6.2E+01	1.9E-07	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.7E-11	2.4E+01	6.0E-07	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11
3.0E+01	1.9E-07	1.0E-03	5.9E-09	1.6E-01	1.4E-02	1.3E-11	3.0E+01	6.0E-07	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.1E-11
1.2E+01	1.9E-07	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.2E-12	1.3E+01	6.0E-07	1.0E-03	8.4E-09	1.6E-01	1.4E-02	1.8E-11
1.1E+01	1.9E-07	1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.5E-12	1.2E+01	6.0E-07	1.0E-03	7.3E-09	1.6E-01	1.4E-02	1.6E-11
9.1E+00	1.9E-07	1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.9E-12	1.0E+01	6.0E-07	1.0E-03	6.3E-09	1.6E-01	1.4E-02	1.4E-11
8.0E+00	1.9E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.4E-12	8.7E+00	6.0E-07	1.0E-03	5.5E-09	1.6E-01	1.4E-02	1.2E-11
7.0E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12	7.7E+00	6.0E-07	1.0E-03	4.8E-09	1.6E-01	1.4E-02	1.0E-11
6.2E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.7E-12	6.8E+00	6.0E-07	1.0E-03	4.2E-09	1.6E-01	1.4E-02	9.1E-12
5.6E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	6.0E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	1.4E-02	8.1E-12
5.0E+00	1.9E-07	1.0E-03	9.9E-10	1.6E-01	1.4E-02	2.1E-12	5.3E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.2E-12
4.5E+00	1.9E-07	1.0E-03	9.0E-10	1.6E-01	1.4E-02	1.9E-12	4.8E+00	6.0E-07	1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.5E-12
4.1E+00	1.9E-07	1.0E-03	8.1E-10	1.6E-01	1.4E-02	1.7E-12	4.3E+00	6.0E-07	1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.8E-12
3.0E+01	1.9E-07	1.0E-03	6.0E-09	1.6E-01	1.4E-02	1.3E-11	1.1E+01	6.0E-07	1.0E-03	6.7E-09	1.6E-01	1.4E-02	1.4E-11
4.5E+01	1.9E-07	1.0E-03	8.9E-09	1.6E-01	1.4E-02	1.9E-11	1.3E+01	6.0E-07	1.0E-03	8.1E-09	1.6E-01	1.4E-02	1.7E-11

7.0E+01	1.9E-07	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.0E-11	1.6E+01	6.0E-07	1.0E-03	9.9E-09	1.6E-01	1.4E-02	2.1E-11
1.5E+01	1.9E-07	1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.4E-12	1.9E+01	6.0E-07	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.5E-11
1.8E+01	1.9E-07	1.0E-03	3.5E-09	1.6E-01	1.4E-02	7.6E-12	2.2E+01	6.0E-07	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.0E-11
1.2E+01	1.9E-07	1.0E-03	2.3E-09	1.6E-01	1.4E-02	4.9E-12	1.2E+01	6.0E-07	1.0E-03	7.4E-09	1.6E-01	1.4E-02	1.6E-11
1.0E+01	1.9E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.3E-12	1.0E+01	6.0E-07	1.0E-03	6.5E-09	1.6E-01	1.4E-02	1.4E-11
8.7E+00	1.9E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.7E-12	9.0E+00	6.0E-07	1.0E-03	5.7E-09	1.6E-01	1.4E-02	1.2E-11
7.6E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12	7.9E+00	6.0E-07	1.0E-03	5.0E-09	1.6E-01	1.4E-02	1.1E-11
6.7E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12	7.0E+00	6.0E-07	1.0E-03	4.4E-09	1.6E-01	1.4E-02	9.5E-12
6.0E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	6.2E+00	6.0E-07	1.0E-03	3.9E-09	1.6E-01	1.4E-02	8.4E-12
5.3E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12	5.6E+00	6.0E-07	1.0E-03	3.5E-09	1.6E-01	1.4E-02	7.5E-12
4.8E+00	1.9E-07	1.0E-03	9.5E-10	1.6E-01	1.4E-02	2.1E-12	5.0E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	1.4E-02	6.8E-12
4.3E+00	1.9E-07	1.0E-03	8.6E-10	1.6E-01	1.4E-02	1.8E-12	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	1.4E-02	6.1E-12
3.9E+00	1.9E-07	1.0E-03	7.8E-10	1.6E-01	1.4E-02	1.7E-12	4.1E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.5E-12
2.8E+01	1.9E-07	1.0E-03	5.5E-09	1.6E-01	1.4E-02	1.2E-11	9.1E+00	6.0E-07	1.0E-03	5.7E-09	1.6E-01	1.4E-02	1.2E-11
4.0E+01	1.9E-07	1.0E-03	7.9E-09	1.6E-01	1.4E-02	1.7E-11	1.1E+01	6.0E-07	1.0E-03	6.7E-09	1.6E-01	1.4E-02	1.4E-11
6.1E+01	1.9E-07	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11	1.3E+01	6.0E-07	1.0E-03	7.9E-09	1.6E-01	1.4E-02	1.7E-11
3.9E+01	1.9E-07	1.0E-03	7.7E-09	1.6E-01	1.4E-02	1.7E-11	1.5E+01	6.0E-07	1.0E-03	9.3E-09	1.6E-01	1.4E-02	2.0E-11
5.0E+01	1.9E-07	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11	1.7E+01	6.0E-07	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11
1.1E+01	1.9E-07	1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.6E-12	1.0E+01	6.0E-07	1.0E-03	6.5E-09	1.6E-01	1.4E-02	1.4E-11
9.3E+00	1.9E-07	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.0E-12	9.1E+00	6.0E-07	1.0E-03	5.7E-09	1.6E-01	1.4E-02	1.2E-11
8.2E+00	1.9E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.5E-12	8.1E+00	6.0E-07	1.0E-03	5.1E-09	1.6E-01	1.4E-02	1.1E-11
7.2E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.1E-12	7.2E+00	6.0E-07	1.0E-03	4.5E-09	1.6E-01	1.4E-02	9.8E-12
6.3E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.7E-12	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	1.4E-02	8.7E-12
5.7E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	5.8E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	1.4E-02	7.8E-12
5.1E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	5.2E+00	6.0E-07	1.0E-03	3.3E-09	1.6E-01	1.4E-02	7.0E-12
4.6E+00	1.9E-07	1.0E-03	9.1E-10	1.6E-01	1.4E-02	2.0E-12	4.7E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.3E-12
4.1E+00	1.9E-07	1.0E-03	8.2E-10	1.6E-01	1.4E-02	1.8E-12	4.2E+00	6.0E-07	1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.7E-12
3.7E+00	1.9E-07	1.0E-03	7.4E-10	1.6E-01	1.4E-02	1.6E-12	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.2E-12
2.4E+01	1.9E-07	1.0E-03	4.8E-09	1.6E-01	1.4E-02	1.0E-11	7.8E+00	6.0E-07	1.0E-03	4.9E-09	1.6E-01	1.4E-02	1.0E-11
3.4E+01	1.9E-07	1.0E-03	6.7E-09	1.6E-01	1.4E-02	1.4E-11	9.0E+00	6.0E-07	1.0E-03	5.6E-09	1.6E-01	1.4E-02	1.2E-11
5.0E+01	1.9E-07	1.0E-03	9.8E-09	1.6E-01	1.4E-02	2.1E-11	1.0E+01	6.0E-07	1.0E-03	6.5E-09	1.6E-01	1.4E-02	1.4E-11
2.6E+01	1.9E-07	1.0E-03	5.1E-09	1.6E-01	1.4E-02	1.1E-11	1.2E+01	6.0E-07	1.0E-03	7.5E-09	1.6E-01	1.4E-02	1.6E-11
3.1E+01	1.9E-07	1.0E-03	6.1E-09	1.6E-01	1.4E-02	1.3E-11	1.4E+01	6.0E-07	1.0E-03	8.6E-09	1.6E-01	1.4E-02	1.9E-11
9.9E+00	1.9E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.3E-12	9.1E+00	6.0E-07	1.0E-03	5.7E-09	1.6E-01	1.4E-02	1.2E-11
8.7E+00	1.9E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.7E-12	8.1E+00	6.0E-07	1.0E-03	5.1E-09	1.6E-01	1.4E-02	1.1E-11
7.6E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12	7.3E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	1.4E-02	9.9E-12
6.7E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12	6.6E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	1.4E-02	8.9E-12
6.0E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	5.9E+00	6.0E-07	1.0E-03	3.7E-09	1.6E-01	1.4E-02	8.0E-12
5.3E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12	5.3E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.2E-12
4.8E+00	1.9E-07	1.0E-03	9.5E-10	1.6E-01	1.4E-02	2.1E-12	4.8E+00	6.0E-07	1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.5E-12
4.3E+00	1.9E-07	1.0E-03	8.6E-10	1.6E-01	1.4E-02	1.9E-12	4.4E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	1.4E-02	5.9E-12
3.9E+00	1.9E-07	1.0E-03	7.8E-10	1.6E-01	1.4E-02	1.7E-12	4.0E+00	6.0E-07	1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.4E-12
3.6E+00	1.9E-07	1.0E-03	7.1E-10	1.6E-01	1.4E-02	1.5E-12	3.6E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	1.4E-02	4.9E-12
2.0E+01	1.9E-07	1.0E-03	4.1E-09	1.6E-01	1.4E-02	8.7E-12	6.7E+00	6.0E-07	1.0E-03	4.2E-09	1.6E-01	1.4E-02	9.1E-12
2.7E+01	1.9E-07	1.0E-03	5.4E-09	1.6E-01	1.4E-02	1.2E-11	7.7E+00	6.0E-07	1.0E-03	4.8E-09	1.6E-01	1.4E-02	1.0E-11
3.8E+01	1.9E-07	1.0E-03	7.5E-09	1.6E-01	1.4E-02	1.6E-11	8.8E+00	6.0E-07	1.0E-03	5.5E-09	1.6E-01	1.4E-02	1.2E-11

5.3E+01	1.9E-07	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11	1.0E+01	6.0E-07	1.0E-03	6.3E-09	1.6E-01	1.4E-02	1.3E-11
2.0E+01	1.9E-07	1.0E-03	4.1E-09	1.6E-01	1.4E-02	8.7E-12	1.1E+01	6.0E-07	1.0E-03	7.0E-09	1.6E-01	1.4E-02	1.5E-11
9.1E+00	1.9E-07	1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.9E-12	8.0E+00	6.0E-07	1.0E-03	5.0E-09	1.6E-01	1.4E-02	1.1E-11
8.0E+00	1.9E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.4E-12	7.3E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	1.4E-02	9.8E-12
7.1E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12	6.6E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	1.4E-02	8.9E-12
6.3E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.7E-12	6.0E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	1.4E-02	8.1E-12
5.6E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	5.4E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.3E-12
5.0E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.1E-12	4.9E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	1.4E-02	6.7E-12
4.5E+00	1.9E-07	1.0E-03	9.0E-10	1.6E-01	1.4E-02	1.9E-12	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	1.4E-02	6.1E-12
4.1E+00	1.9E-07	1.0E-03	8.2E-10	1.6E-01	1.4E-02	1.8E-12	4.1E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.5E-12
3.7E+00	1.9E-07	1.0E-03	7.4E-10	1.6E-01	1.4E-02	1.6E-12	3.8E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.1E-12
3.4E+00	1.9E-07	1.0E-03	6.8E-10	1.6E-01	1.4E-02	1.5E-12	3.4E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.6E-12
1.7E+01	1.9E-07	1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.2E-12	5.9E+00	6.0E-07	1.0E-03	3.7E-09	1.6E-01	1.4E-02	7.9E-12
2.2E+01	1.9E-07	1.0E-03	4.3E-09	1.6E-01	1.4E-02	9.2E-12	6.6E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	1.4E-02	8.9E-12
2.8E+01	1.9E-07	1.0E-03	5.5E-09	1.6E-01	1.4E-02	1.2E-11	7.4E+00	6.0E-07	1.0E-03	4.6E-09	1.6E-01	1.4E-02	1.0E-11
3.6E+01	1.9E-07	1.0E-03	7.1E-09	1.6E-01	1.4E-02	1.5E-11	8.3E+00	6.0E-07	1.0E-03	5.2E-09	1.6E-01	1.4E-02	1.1E-11
4.3E+01	1.9E-07	1.0E-03	8.4E-09	1.6E-01	1.4E-02	1.8E-11	9.2E+00	6.0E-07	1.0E-03	5.8E-09	1.6E-01	1.4E-02	1.2E-11
8.3E+00	1.9E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12	7.1E+00	6.0E-07	1.0E-03	4.5E-09	1.6E-01	1.4E-02	9.7E-12
7.4E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	6.6E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	1.4E-02	8.9E-12
6.5E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	6.0E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	1.4E-02	8.1E-12
5.8E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12	5.5E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.4E-12
5.2E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	5.0E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	1.4E-02	6.8E-12
4.7E+00	1.9E-07	1.0E-03	9.4E-10	1.6E-01	1.4E-02	2.0E-12	4.6E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.2E-12
4.3E+00	1.9E-07	1.0E-03	8.5E-10	1.6E-01	1.4E-02	1.8E-12	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.7E-12
3.9E+00	1.9E-07	1.0E-03	7.7E-10	1.6E-01	1.4E-02	1.7E-12	3.8E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.2E-12
3.5E+00	1.9E-07	1.0E-03	7.0E-10	1.6E-01	1.4E-02	1.5E-12	3.5E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.8E-12
3.2E+00	1.9E-07	1.0E-03	6.4E-10	1.6E-01	1.4E-02	1.4E-12	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.4E-12
1.4E+01	1.9E-07	1.0E-03	2.8E-09	1.6E-01	1.4E-02	6.0E-12	5.2E+00	6.0E-07	1.0E-03	3.2E-09	1.6E-01	1.4E-02	7.0E-12
1.7E+01	1.9E-07	1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.3E-12	5.8E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	1.4E-02	7.8E-12
2.1E+01	1.9E-07	1.0E-03	4.2E-09	1.6E-01	1.4E-02	9.0E-12	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	1.4E-02	8.7E-12
2.5E+01	1.9E-07	1.0E-03	5.0E-09	1.6E-01	1.4E-02	1.1E-11	7.1E+00	6.0E-07	1.0E-03	4.4E-09	1.6E-01	1.4E-02	9.6E-12
2.8E+01	1.9E-07	1.0E-03	5.6E-09	1.6E-01	1.4E-02	1.2E-11	7.8E+00	6.0E-07	1.0E-03	4.9E-09	1.6E-01	1.4E-02	1.0E-11
7.6E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	6.4E+00	6.0E-07	1.0E-03	4.0E-09	1.6E-01	1.4E-02	8.6E-12
6.8E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12	5.9E+00	6.0E-07	1.0E-03	3.7E-09	1.6E-01	1.4E-02	8.0E-12
6.0E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	5.4E+00	6.0E-07	1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.3E-12
5.4E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12	5.0E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	1.4E-02	6.7E-12
4.9E+00	1.9E-07	1.0E-03	9.6E-10	1.6E-01	1.4E-02	2.1E-12	4.6E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.2E-12
4.4E+00	1.9E-07	1.0E-03	8.7E-10	1.6E-01	1.4E-02	1.9E-12	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.7E-12
4.0E+00	1.9E-07	1.0E-03	7.9E-10	1.6E-01	1.4E-02	1.7E-12	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.3E-12
3.7E+00	1.9E-07	1.0E-03	7.3E-10	1.6E-01	1.4E-02	1.6E-12	3.6E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	1.4E-02	4.9E-12
3.3E+00	1.9E-07	1.0E-03	6.6E-10	1.6E-01	1.4E-02	1.4E-12	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.5E-12
3.0E+00	1.9E-07	1.0E-03	6.1E-10	1.6E-01	1.4E-02	1.3E-12	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.1E-12
1.2E+01	1.9E-07	1.0E-03	2.3E-09	1.6E-01	1.4E-02	4.9E-12	4.6E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.2E-12
1.4E+01	1.9E-07	1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.9E-12	5.1E+00	6.0E-07	1.0E-03	3.2E-09	1.6E-01	1.4E-02	6.8E-12
1.6E+01	1.9E-07	1.0E-03	3.2E-09	1.6E-01	1.4E-02	6.9E-12	5.6E+00	6.0E-07	1.0E-03	3.5E-09	1.6E-01	1.4E-02	7.6E-12
1.8E+01	1.9E-07	1.0E-03	3.6E-09	1.6E-01	1.4E-02	7.8E-12	6.1E+00	6.0E-07	1.0E-03	3.8E-09	1.6E-01	1.4E-02	8.3E-12

2.0E+01	1.9E-07	1.0E-03	4.0E-09	1.6E-01	1.4E-02	8.5E-12	6.6E+00	6.0E-07	1.0E-03	4.1E-09	1.6E-01	1.4E-02	8.9E-12
6.9E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12	5.7E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	1.4E-02	7.7E-12
6.2E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	5.3E+00	6.0E-07	1.0E-03	3.3E-09	1.6E-01	1.4E-02	7.2E-12
5.5E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	4.9E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	1.4E-02	6.7E-12
5.0E+00	1.9E-07	1.0E-03	9.9E-10	1.6E-01	1.4E-02	2.1E-12	4.6E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.2E-12
4.5E+00	1.9E-07	1.0E-03	8.9E-10	1.6E-01	1.4E-02	1.9E-12	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.6E-12
4.0E+00	1.9E-07	1.0E-03	8.0E-10	1.6E-01	1.4E-02	1.7E-12	3.8E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.2E-12
3.7E+00	1.9E-07	1.0E-03	7.3E-10	1.6E-01	1.4E-02	1.6E-12	3.6E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.8E-12
3.4E+00	1.9E-07	1.0E-03	6.7E-10	1.6E-01	1.4E-02	1.4E-12	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.5E-12
3.1E+00	1.9E-07	1.0E-03	6.2E-10	1.6E-01	1.4E-02	1.3E-12	3.1E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.1E-12
2.9E+00	1.9E-07	1.0E-03	5.7E-10	1.6E-01	1.4E-02	1.2E-12	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.8E-12
9.6E+00	1.9E-07	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.1E-12	4.1E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.5E-12
1.1E+01	1.9E-07	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.8E-12	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	1.4E-02	6.1E-12
1.3E+01	1.9E-07	1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.4E-12	4.9E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	1.4E-02	6.6E-12
1.4E+01	1.9E-07	1.0E-03	2.8E-09	1.6E-01	1.4E-02	6.0E-12	5.3E+00	6.0E-07	1.0E-03	3.3E-09	1.6E-01	1.4E-02	7.2E-12
1.5E+01	1.9E-07	1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.5E-12	5.7E+00	6.0E-07	1.0E-03	3.6E-09	1.6E-01	1.4E-02	7.7E-12
5.7E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	4.9E+00	6.0E-07	1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.6E-12
5.1E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	4.5E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	1.4E-02	6.1E-12
4.6E+00	1.9E-07	1.0E-03	9.2E-10	1.6E-01	1.4E-02	2.0E-12	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.7E-12
4.1E+00	1.9E-07	1.0E-03	8.1E-10	1.6E-01	1.4E-02	1.7E-12	3.8E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.1E-12
3.7E+00	1.9E-07	1.0E-03	7.3E-10	1.6E-01	1.4E-02	1.6E-12	3.5E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.7E-12
3.4E+00	1.9E-07	1.0E-03	6.7E-10	1.6E-01	1.4E-02	1.4E-12	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.4E-12
3.1E+00	1.9E-07	1.0E-03	6.2E-10	1.6E-01	1.4E-02	1.3E-12	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.1E-12
2.9E+00	1.9E-07	1.0E-03	5.7E-10	1.6E-01	1.4E-02	1.2E-12	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.8E-12
2.7E+00	1.9E-07	1.0E-03	5.3E-10	1.6E-01	1.4E-02	1.1E-12	2.6E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12
8.2E+00	1.9E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.5E-12	3.7E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12
9.3E+00	1.9E-07	1.0E-03	1.8E-09	1.6E-01	1.4E-02	4.0E-12	4.0E+00	6.0E-07	1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.4E-12
1.0E+01	1.9E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.4E-12	4.3E+00	6.0E-07	1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.9E-12
1.1E+01	1.9E-07	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.8E-12	4.7E+00	6.0E-07	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.3E-12
1.2E+01	1.9E-07	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.1E-12	5.0E+00	6.0E-07	1.0E-03	3.1E-09	1.6E-01	1.4E-02	6.7E-12
4.8E+00	1.9E-07	1.0E-03	9.5E-10	1.6E-01	1.4E-02	2.0E-12	4.2E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.6E-12
4.3E+00	1.9E-07	1.0E-03	8.6E-10	1.6E-01	1.4E-02	1.9E-12	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.3E-12
3.9E+00	1.9E-07	1.0E-03	7.8E-10	1.6E-01	1.4E-02	1.7E-12	3.6E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.8E-12
3.6E+00	1.9E-07	1.0E-03	7.1E-10	1.6E-01	1.4E-02	1.5E-12	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.5E-12
3.3E+00	1.9E-07	1.0E-03	6.5E-10	1.6E-01	1.4E-02	1.4E-12	3.1E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.2E-12
3.0E+00	1.9E-07	1.0E-03	5.9E-10	1.6E-01	1.4E-02	1.3E-12	2.9E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.9E-12
2.7E+00	1.9E-07	1.0E-03	5.4E-10	1.6E-01	1.4E-02	1.2E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12
2.5E+00	1.9E-07	1.0E-03	5.0E-10	1.6E-01	1.4E-02	1.1E-12	2.5E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12
7.0E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.5E-12
7.8E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12	3.6E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	1.4E-02	4.9E-12
8.5E+00	1.9E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.2E-12
9.1E+00	1.9E-07	1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.9E-12	4.1E+00	6.0E-07	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.6E-12
9.7E+00	1.9E-07	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.1E-12	4.4E+00	6.0E-07	1.0E-03	2.8E-09	1.6E-01	1.4E-02	5.9E-12
4.1E+00	1.9E-07	1.0E-03	8.1E-10	1.6E-01	1.4E-02	1.8E-12	3.6E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	1.4E-02	4.9E-12
3.8E+00	1.9E-07	1.0E-03	7.5E-10	1.6E-01	1.4E-02	1.6E-12	3.4E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.6E-12
3.5E+00	1.9E-07	1.0E-03	6.9E-10	1.6E-01	1.4E-02	1.5E-12	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.3E-12

3.2E+00	1.9E-07	1.0E-03	6.3E-10	1.6E-01	1.4E-02	1.4E-12	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.1E-12
2.9E+00	1.9E-07	1.0E-03	5.8E-10	1.6E-01	1.4E-02	1.3E-12	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.8E-12
2.7E+00	1.9E-07	1.0E-03	5.3E-10	1.6E-01	1.4E-02	1.1E-12	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.5E-12
2.4E+00	1.9E-07	1.0E-03	4.8E-10	1.6E-01	1.4E-02	1.0E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12
6.0E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.1E-12
6.6E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	3.3E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.4E-12
7.1E+00	1.9E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.1E-12	3.5E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.7E-12
7.6E+00	1.9E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12	3.7E+00	6.0E-07	1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12
8.0E+00	1.9E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.4E-12	3.9E+00	6.0E-07	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.3E-12
3.5E+00	1.9E-07	1.0E-03	7.1E-10	1.6E-01	1.4E-02	1.5E-12	3.2E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.3E-12
3.3E+00	1.9E-07	1.0E-03	6.5E-10	1.6E-01	1.4E-02	1.4E-12	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.1E-12
3.0E+00	1.9E-07	1.0E-03	6.0E-10	1.6E-01	1.4E-02	1.3E-12	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.8E-12
2.8E+00	1.9E-07	1.0E-03	5.6E-10	1.6E-01	1.4E-02	1.2E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12
2.6E+00	1.9E-07	1.0E-03	5.1E-10	1.6E-01	1.4E-02	1.1E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.4E-12
2.4E+00	1.9E-07	1.0E-03	4.7E-10	1.6E-01	1.4E-02	1.0E-12	2.3E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.1E-12
5.2E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.7E-12
5.7E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	2.9E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	1.4E-02	4.0E-12
6.1E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	3.1E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.2E-12
6.5E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	3.3E+00	6.0E-07	1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.5E-12
6.8E+00	1.9E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12	3.5E+00	6.0E-07	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.7E-12
3.3E+00	1.9E-07	1.0E-03	6.6E-10	1.6E-01	1.4E-02	1.4E-12	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.0E-12
3.1E+00	1.9E-07	1.0E-03	6.2E-10	1.6E-01	1.4E-02	1.3E-12	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.8E-12
2.9E+00	1.9E-07	1.0E-03	5.7E-10	1.6E-01	1.4E-02	1.2E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12
2.7E+00	1.9E-07	1.0E-03	5.3E-10	1.6E-01	1.4E-02	1.1E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.4E-12
2.5E+00	1.9E-07	1.0E-03	4.9E-10	1.6E-01	1.4E-02	1.1E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12
2.3E+00	1.9E-07	1.0E-03	4.5E-10	1.6E-01	1.4E-02	9.7E-13	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12
4.6E+00	1.9E-07	1.0E-03	9.1E-10	1.6E-01	1.4E-02	2.0E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.4E-12
4.9E+00	1.9E-07	1.0E-03	9.8E-10	1.6E-01	1.4E-02	2.1E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12
5.3E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.3E-12	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.8E-12
5.6E+00	1.9E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	3.0E+00	6.0E-07	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.0E-12
5.8E+00	1.9E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12	3.1E+00	6.0E-07	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.2E-12
3.1E+00	1.9E-07	1.0E-03	6.2E-10	1.6E-01	1.4E-02	1.3E-12	2.8E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.8E-12
2.9E+00	1.9E-07	1.0E-03	5.8E-10	1.6E-01	1.4E-02	1.3E-12	2.6E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12
2.7E+00	1.9E-07	1.0E-03	5.4E-10	1.6E-01	1.4E-02	1.2E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.4E-12
2.5E+00	1.9E-07	1.0E-03	5.0E-10	1.6E-01	1.4E-02	1.1E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12
2.4E+00	1.9E-07	1.0E-03	4.7E-10	1.6E-01	1.4E-02	1.0E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12
2.2E+00	1.9E-07	1.0E-03	4.4E-10	1.6E-01	1.4E-02	9.4E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12
4.1E+00	1.9E-07	1.0E-03	8.1E-10	1.6E-01	1.4E-02	1.7E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.1E-12
4.3E+00	1.9E-07	1.0E-03	8.6E-10	1.6E-01	1.4E-02	1.9E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12
4.6E+00	1.9E-07	1.0E-03	9.1E-10	1.6E-01	1.4E-02	2.0E-12	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.5E-12
4.8E+00	1.9E-07	1.0E-03	9.6E-10	1.6E-01	1.4E-02	2.1E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.7E-12
5.0E+00	1.9E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	2.8E+00	6.0E-07	1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.8E-12
3.0E+00	1.9E-07	1.0E-03	5.9E-10	1.6E-01	1.4E-02	1.3E-12	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.5E-12
2.8E+00	1.9E-07	1.0E-03	5.5E-10	1.6E-01	1.4E-02	1.2E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.3E-12
2.6E+00	1.9E-07	1.0E-03	5.1E-10	1.6E-01	1.4E-02	1.1E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12
2.4E+00	1.9E-07	1.0E-03	4.8E-10	1.6E-01	1.4E-02	1.0E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12

2.3E+00	1.9E-07	1.0E-03	4.5E-10	1.6E-01	1.4E-02	9.7E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12
2.1E+00	1.9E-07	1.0E-03	4.2E-10	1.6E-01	1.4E-02	9.1E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.7E-12
3.6E+00	1.9E-07	1.0E-03	7.2E-10	1.6E-01	1.4E-02	1.5E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12
3.8E+00	1.9E-07	1.0E-03	7.6E-10	1.6E-01	1.4E-02	1.6E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12
4.1E+00	1.9E-07	1.0E-03	8.1E-10	1.6E-01	1.4E-02	1.7E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12
4.3E+00	1.9E-07	1.0E-03	8.5E-10	1.6E-01	1.4E-02	1.8E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.3E-12
4.4E+00	1.9E-07	1.0E-03	8.8E-10	1.6E-01	1.4E-02	1.9E-12	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.5E-12
2.8E+00	1.9E-07	1.0E-03	5.5E-10	1.6E-01	1.4E-02	1.2E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12
2.6E+00	1.9E-07	1.0E-03	5.2E-10	1.6E-01	1.4E-02	1.1E-12	2.3E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.1E-12
2.5E+00	1.9E-07	1.0E-03	4.9E-10	1.6E-01	1.4E-02	1.1E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12
2.3E+00	1.9E-07	1.0E-03	4.6E-10	1.6E-01	1.4E-02	9.9E-13	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12
2.2E+00	1.9E-07	1.0E-03	4.3E-10	1.6E-01	1.4E-02	9.3E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.7E-12
2.0E+00	1.9E-07	1.0E-03	4.0E-10	1.6E-01	1.4E-02	8.7E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12
3.2E+00	1.9E-07	1.0E-03	6.4E-10	1.6E-01	1.4E-02	1.4E-12	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.7E-12
3.4E+00	1.9E-07	1.0E-03	6.8E-10	1.6E-01	1.4E-02	1.5E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12
3.6E+00	1.9E-07	1.0E-03	7.2E-10	1.6E-01	1.4E-02	1.5E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	2.9E-12
3.8E+00	1.9E-07	1.0E-03	7.5E-10	1.6E-01	1.4E-02	1.6E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.1E-12
3.9E+00	1.9E-07	1.0E-03	7.8E-10	1.6E-01	1.4E-02	1.7E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12
4.0E+00	1.9E-07	1.0E-03	8.0E-10	1.6E-01	1.4E-02	1.7E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12
4.1E+00	1.9E-07	1.0E-03	8.1E-10	1.6E-01	1.4E-02	1.8E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.4E-12
4.1E+00	1.9E-07	1.0E-03	8.2E-10	1.6E-01	1.4E-02	1.8E-12	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.5E-12
4.1E+00	1.9E-07	1.0E-03	8.2E-10	1.6E-01	1.4E-02	1.8E-12	2.6E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12
4.1E+00	1.9E-07	1.0E-03	8.2E-10	1.6E-01	1.4E-02	1.8E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12
4.0E+00	1.9E-07	1.0E-03	8.0E-10	1.6E-01	1.4E-02	1.7E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12
3.9E+00	1.9E-07	1.0E-03	7.8E-10	1.6E-01	1.4E-02	1.7E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.7E-12
3.8E+00	1.9E-07	1.0E-03	7.6E-10	1.6E-01	1.4E-02	1.6E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12
3.7E+00	1.9E-07	1.0E-03	7.4E-10	1.6E-01	1.4E-02	1.6E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12
3.6E+00	1.9E-07	1.0E-03	7.1E-10	1.6E-01	1.4E-02	1.5E-12	2.7E+00	6.0E-07	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12
3.4E+00	1.9E-07	1.0E-03	6.8E-10	1.6E-01	1.4E-02	1.5E-12	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.5E-12
3.3E+00	1.9E-07	1.0E-03	6.5E-10	1.6E-01	1.4E-02	1.4E-12	2.6E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.5E-12
3.1E+00	1.9E-07	1.0E-03	6.1E-10	1.6E-01	1.4E-02	1.3E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.4E-12
2.9E+00	1.9E-07	1.0E-03	5.8E-10	1.6E-01	1.4E-02	1.3E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12
2.8E+00	1.9E-07	1.0E-03	5.5E-10	1.6E-01	1.4E-02	1.2E-12	2.3E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12
2.6E+00	1.9E-07	1.0E-03	5.2E-10	1.6E-01	1.4E-02	1.1E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.1E-12
2.5E+00	1.9E-07	1.0E-03	4.9E-10	1.6E-01	1.4E-02	1.1E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	2.9E-12
2.3E+00	1.9E-07	1.0E-03	4.6E-10	1.6E-01	1.4E-02	1.0E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12
2.2E+00	1.9E-07	1.0E-03	4.4E-10	1.6E-01	1.4E-02	9.4E-13	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.7E-12
2.1E+00	1.9E-07	1.0E-03	4.1E-10	1.6E-01	1.4E-02	8.8E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12
1.9E+00	1.9E-07	1.0E-03	3.9E-10	1.6E-01	1.4E-02	8.3E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.5E-12
2.9E+00	1.9E-07	1.0E-03	5.8E-10	1.6E-01	1.4E-02	1.3E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.5E-12
3.1E+00	1.9E-07	1.0E-03	6.1E-10	1.6E-01	1.4E-02	1.3E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12
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3.4E+00	1.9E-07	1.0E-03	6.7E-10	1.6E-01	1.4E-02	1.4E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12
3.5E+00	1.9E-07	1.0E-03	6.9E-10	1.6E-01	1.4E-02	1.5E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	2.9E-12
3.6E+00	1.9E-07	1.0E-03	7.1E-10	1.6E-01	1.4E-02	1.5E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12
3.7E+00	1.9E-07	1.0E-03	7.3E-10	1.6E-01	1.4E-02	1.6E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.1E-12

3.7E+00	1.9E-07	1.0E-03	7.4E-10	1.6E-01	1.4E-02	1.6E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12
3.7E+00	1.9E-07	1.0E-03	7.4E-10	1.6E-01	1.4E-02	1.6E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12
3.7E+00	1.9E-07	1.0E-03	7.3E-10	1.6E-01	1.4E-02	1.6E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12
3.6E+00	1.9E-07	1.0E-03	7.2E-10	1.6E-01	1.4E-02	1.6E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.3E-12
3.6E+00	1.9E-07	1.0E-03	7.1E-10	1.6E-01	1.4E-02	1.5E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.4E-12
3.5E+00	1.9E-07	1.0E-03	6.9E-10	1.6E-01	1.4E-02	1.5E-12	2.5E+00	6.0E-07	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.3E-12
3.4E+00	1.9E-07	1.0E-03	6.7E-10	1.6E-01	1.4E-02	1.4E-12	2.5E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12
3.3E+00	1.9E-07	1.0E-03	6.5E-10	1.6E-01	1.4E-02	1.4E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12
3.1E+00	1.9E-07	1.0E-03	6.3E-10	1.6E-01	1.4E-02	1.3E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12
3.0E+00	1.9E-07	1.0E-03	6.0E-10	1.6E-01	1.4E-02	1.3E-12	2.4E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12
2.9E+00	1.9E-07	1.0E-03	5.7E-10	1.6E-01	1.4E-02	1.2E-12	2.3E+00	6.0E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.1E-12
2.7E+00	1.9E-07	1.0E-03	5.5E-10	1.6E-01	1.4E-02	1.2E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.1E-12
2.6E+00	1.9E-07	1.0E-03	5.2E-10	1.6E-01	1.4E-02	1.1E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12
2.5E+00	1.9E-07	1.0E-03	4.9E-10	1.6E-01	1.4E-02	1.1E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12
2.3E+00	1.9E-07	1.0E-03	4.6E-10	1.6E-01	1.4E-02	1.0E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12
2.2E+00	1.9E-07	1.0E-03	4.4E-10	1.6E-01	1.4E-02	9.5E-13	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.7E-12
2.1E+00	1.9E-07	1.0E-03	4.2E-10	1.6E-01	1.4E-02	8.9E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12
2.0E+00	1.9E-07	1.0E-03	3.9E-10	1.6E-01	1.4E-02	8.4E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.5E-12
1.9E+00	1.9E-07	1.0E-03	3.7E-10	1.6E-01	1.4E-02	8.0E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12
2.7E+00	1.9E-07	1.0E-03	5.3E-10	1.6E-01	1.4E-02	1.1E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12
2.8E+00	1.9E-07	1.0E-03	5.5E-10	1.6E-01	1.4E-02	1.2E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12
2.9E+00	1.9E-07	1.0E-03	5.8E-10	1.6E-01	1.4E-02	1.2E-12	1.8E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12
3.0E+00	1.9E-07	1.0E-03	6.0E-10	1.6E-01	1.4E-02	1.3E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12
3.1E+00	1.9E-07	1.0E-03	6.2E-10	1.6E-01	1.4E-02	1.3E-12	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.7E-12
3.2E+00	1.9E-07	1.0E-03	6.4E-10	1.6E-01	1.4E-02	1.4E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12
3.3E+00	1.9E-07	1.0E-03	6.5E-10	1.6E-01	1.4E-02	1.4E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12
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3.3E+00	1.9E-07	1.0E-03	6.5E-10	1.6E-01	1.4E-02	1.4E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.1E-12
3.2E+00	1.9E-07	1.0E-03	6.3E-10	1.6E-01	1.4E-02	1.4E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.1E-12
3.1E+00	1.9E-07	1.0E-03	6.2E-10	1.6E-01	1.4E-02	1.3E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.1E-12
3.0E+00	1.9E-07	1.0E-03	6.0E-10	1.6E-01	1.4E-02	1.3E-12	2.3E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.1E-12
2.9E+00	1.9E-07	1.0E-03	5.8E-10	1.6E-01	1.4E-02	1.2E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12
2.8E+00	1.9E-07	1.0E-03	5.6E-10	1.6E-01	1.4E-02	1.2E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12
2.7E+00	1.9E-07	1.0E-03	5.3E-10	1.6E-01	1.4E-02	1.1E-12	2.2E+00	6.0E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	2.9E-12
2.6E+00	1.9E-07	1.0E-03	5.1E-10	1.6E-01	1.4E-02	1.1E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12
2.4E+00	1.9E-07	1.0E-03	4.9E-10	1.6E-01	1.4E-02	1.0E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12
2.3E+00	1.9E-07	1.0E-03	4.6E-10	1.6E-01	1.4E-02	9.9E-13	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.7E-12
2.2E+00	1.9E-07	1.0E-03	4.4E-10	1.6E-01	1.4E-02	9.5E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12
2.1E+00	1.9E-07	1.0E-03	4.2E-10	1.6E-01	1.4E-02	9.0E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12
2.0E+00	1.9E-07	1.0E-03	4.0E-10	1.6E-01	1.4E-02	8.5E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12
1.9E+00	1.9E-07	1.0E-03	3.7E-10	1.6E-01	1.4E-02	8.1E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12
1.8E+00	1.9E-07	1.0E-03	3.5E-10	1.6E-01	1.4E-02	7.6E-13	1.7E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12
2.4E+00	1.9E-07	1.0E-03	4.8E-10	1.6E-01	1.4E-02	1.0E-12	1.6E+00	6.0E-07	1.0E-03	9.8E-10	1.6E-01	1.4E-02	2.1E-12

2.5E+00	1.9E-07	1.0E-03	5.0E-10	1.6E-01	1.4E-02	1.1E-12	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12
2.6E+00	1.9E-07	1.0E-03	5.3E-10	1.6E-01	1.4E-02	1.1E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12
2.7E+00	1.9E-07	1.0E-03	5.5E-10	1.6E-01	1.4E-02	1.2E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12
2.8E+00	1.9E-07	1.0E-03	5.6E-10	1.6E-01	1.4E-02	1.2E-12	1.8E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12
2.9E+00	1.9E-07	1.0E-03	5.8E-10	1.6E-01	1.4E-02	1.2E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12
3.0E+00	1.9E-07	1.0E-03	5.9E-10	1.6E-01	1.4E-02	1.3E-12	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12
3.0E+00	1.9E-07	1.0E-03	6.0E-10	1.6E-01	1.4E-02	1.3E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.7E-12
3.0E+00	1.9E-07	1.0E-03	6.0E-10	1.6E-01	1.4E-02	1.3E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12
3.0E+00	1.9E-07	1.0E-03	6.0E-10	1.6E-01	1.4E-02	1.3E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12
3.0E+00	1.9E-07	1.0E-03	6.0E-10	1.6E-01	1.4E-02	1.3E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12
3.0E+00	1.9E-07	1.0E-03	5.9E-10	1.6E-01	1.4E-02	1.3E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12
2.9E+00	1.9E-07	1.0E-03	5.8E-10	1.6E-01	1.4E-02	1.2E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12
2.9E+00	1.9E-07	1.0E-03	5.7E-10	1.6E-01	1.4E-02	1.2E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12
2.8E+00	1.9E-07	1.0E-03	5.5E-10	1.6E-01	1.4E-02	1.2E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12
2.7E+00	1.9E-07	1.0E-03	5.3E-10	1.6E-01	1.4E-02	1.2E-12	2.1E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12
2.6E+00	1.9E-07	1.0E-03	5.2E-10	1.6E-01	1.4E-02	1.1E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12
2.5E+00	1.9E-07	1.0E-03	5.0E-10	1.6E-01	1.4E-02	1.1E-12	2.0E+00	6.0E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.7E-12
2.4E+00	1.9E-07	1.0E-03	4.8E-10	1.6E-01	1.4E-02	1.0E-12	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.7E-12
2.3E+00	1.9E-07	1.0E-03	4.6E-10	1.6E-01	1.4E-02	9.8E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12
2.2E+00	1.9E-07	1.0E-03	4.3E-10	1.6E-01	1.4E-02	9.4E-13	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12
2.1E+00	1.9E-07	1.0E-03	4.1E-10	1.6E-01	1.4E-02	8.9E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12
2.0E+00	1.9E-07	1.0E-03	4.0E-10	1.6E-01	1.4E-02	8.5E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12
1.9E+00	1.9E-07	1.0E-03	3.8E-10	1.6E-01	1.4E-02	8.1E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12
1.8E+00	1.9E-07	1.0E-03	3.6E-10	1.6E-01	1.4E-02	7.7E-13	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12
1.7E+00	1.9E-07	1.0E-03	3.4E-10	1.6E-01	1.4E-02	7.3E-13	1.6E+00	6.0E-07	1.0E-03	9.9E-10	1.6E-01	1.4E-02	2.1E-12
2.2E+00	1.9E-07	1.0E-03	4.4E-10	1.6E-01	1.4E-02	9.5E-13	1.5E+00	6.0E-07	1.0E-03	9.2E-10	1.6E-01	1.4E-02	2.0E-12
2.3E+00	1.9E-07	1.0E-03	4.6E-10	1.6E-01	1.4E-02	9.9E-13	1.5E+00	6.0E-07	1.0E-03	9.6E-10	1.6E-01	1.4E-02	2.1E-12
2.4E+00	1.9E-07	1.0E-03	4.8E-10	1.6E-01	1.4E-02	1.0E-12	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.1E-12
2.5E+00	1.9E-07	1.0E-03	5.0E-10	1.6E-01	1.4E-02	1.1E-12	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12
2.6E+00	1.9E-07	1.0E-03	5.1E-10	1.6E-01	1.4E-02	1.1E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12
2.6E+00	1.9E-07	1.0E-03	5.3E-10	1.6E-01	1.4E-02	1.1E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12
2.7E+00	1.9E-07	1.0E-03	5.4E-10	1.6E-01	1.4E-02	1.2E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12
2.7E+00	1.9E-07	1.0E-03	5.4E-10	1.6E-01	1.4E-02	1.2E-12	1.8E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12
2.8E+00	1.9E-07	1.0E-03	5.5E-10	1.6E-01	1.4E-02	1.2E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12
2.8E+00	1.9E-07	1.0E-03	5.5E-10	1.6E-01	1.4E-02	1.2E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12
2.7E+00	1.9E-07	1.0E-03	5.5E-10	1.6E-01	1.4E-02	1.2E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12
2.7E+00	1.9E-07	1.0E-03	5.4E-10	1.6E-01	1.4E-02	1.2E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12
2.7E+00	1.9E-07	1.0E-03	5.3E-10	1.6E-01	1.4E-02	1.1E-12	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12
2.6E+00	1.9E-07	1.0E-03	5.2E-10	1.6E-01	1.4E-02	1.1E-12	2.0E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12
2.6E+00	1.9E-07	1.0E-03	5.1E-10	1.6E-01	1.4E-02	1.1E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12
2.5E+00	1.9E-07	1.0E-03	5.0E-10	1.6E-01	1.4E-02	1.1E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12
2.4E+00	1.9E-07	1.0E-03	4.8E-10	1.6E-01	1.4E-02	1.0E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12
2.3E+00	1.9E-07	1.0E-03	4.6E-10	1.6E-01	1.4E-02	1.0E-12	1.9E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12
2.2E+00	1.9E-07	1.0E-03	4.5E-10	1.6E-01	1.4E-02	9.6E-13	1.8E+00	6.0E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12
2.2E+00	1.9E-07	1.0E-03	4.3E-10	1.6E-01	1.4E-02	9.2E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12
2.1E+00	1.9E-07	1.0E-03	4.1E-10	1.6E-01	1.4E-02	8.8E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12

2.0E+00	1.9E-07	1.0E-03	3.9E-10	1.6E-01	1.4E-02	8.4E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12
1.9E+00	1.9E-07	1.0E-03	3.7E-10	1.6E-01	1.4E-02	8.1E-13	1.7E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12
1.8E+00	1.9E-07	1.0E-03	3.6E-10	1.6E-01	1.4E-02	7.7E-13	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12
1.7E+00	1.9E-07	1.0E-03	3.4E-10	1.6E-01	1.4E-02	7.3E-13	1.6E+00	6.0E-07	1.0E-03	9.7E-10	1.6E-01	1.4E-02	2.1E-12
1.6E+00	1.9E-07	1.0E-03	3.2E-10	1.6E-01	1.4E-02	7.0E-13	1.5E+00	6.0E-07	1.0E-03	9.4E-10	1.6E-01	1.4E-02	2.0E-12
2.0E+00	1.9E-07	1.0E-03	4.0E-10	1.6E-01	1.4E-02	8.7E-13	1.4E+00	6.0E-07	1.0E-03	8.6E-10	1.6E-01	1.4E-02	1.9E-12
2.1E+00	1.9E-07	1.0E-03	4.2E-10	1.6E-01	1.4E-02	9.1E-13	1.4E+00	6.0E-07	1.0E-03	9.0E-10	1.6E-01	1.4E-02	1.9E-12
2.2E+00	1.9E-07	1.0E-03	4.4E-10	1.6E-01	1.4E-02	9.5E-13	1.5E+00	6.0E-07	1.0E-03	9.3E-10	1.6E-01	1.4E-02	2.0E-12
2.3E+00	1.9E-07	1.0E-03	4.5E-10	1.6E-01	1.4E-02	9.8E-13	1.5E+00	6.0E-07	1.0E-03	9.6E-10	1.6E-01	1.4E-02	2.1E-12
2.4E+00	1.9E-07	1.0E-03	4.7E-10	1.6E-01	1.4E-02	1.0E-12	1.6E+00	6.0E-07	1.0E-03	9.9E-10	1.6E-01	1.4E-02	2.1E-12
2.4E+00	1.9E-07	1.0E-03	4.8E-10	1.6E-01	1.4E-02	1.0E-12	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12
2.5E+00	1.9E-07	1.0E-03	4.9E-10	1.6E-01	1.4E-02	1.1E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12
2.5E+00	1.9E-07	1.0E-03	5.0E-10	1.6E-01	1.4E-02	1.1E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12
2.5E+00	1.9E-07	1.0E-03	5.0E-10	1.6E-01	1.4E-02	1.1E-12	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12
2.5E+00	1.9E-07	1.0E-03	5.0E-10	1.6E-01	1.4E-02	1.1E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12
2.5E+00	1.9E-07	1.0E-03	5.0E-10	1.6E-01	1.4E-02	1.1E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12
2.5E+00	1.9E-07	1.0E-03	5.0E-10	1.6E-01	1.4E-02	1.1E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12
2.5E+00	1.9E-07	1.0E-03	4.9E-10	1.6E-01	1.4E-02	1.1E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12
2.4E+00	1.9E-07	1.0E-03	4.8E-10	1.6E-01	1.4E-02	1.0E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.5E-12
2.4E+00	1.9E-07	1.0E-03	4.7E-10	1.6E-01	1.4E-02	1.0E-12	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12
2.3E+00	1.9E-07	1.0E-03	4.6E-10	1.6E-01	1.4E-02	9.9E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12
2.3E+00	1.9E-07	1.0E-03	4.5E-10	1.6E-01	1.4E-02	9.6E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12
2.2E+00	1.9E-07	1.0E-03	4.3E-10	1.6E-01	1.4E-02	9.3E-13	1.8E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12
2.1E+00	1.9E-07	1.0E-03	4.2E-10	1.6E-01	1.4E-02	9.0E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12
2.0E+00	1.9E-07	1.0E-03	4.0E-10	1.6E-01	1.4E-02	8.7E-13	1.7E+00	6.0E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12
1.9E+00	1.9E-07	1.0E-03	3.9E-10	1.6E-01	1.4E-02	8.3E-13	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12
1.9E+00	1.9E-07	1.0E-03	3.7E-10	1.6E-01	1.4E-02	8.0E-13	1.6E+00	6.0E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12
1.8E+00	1.9E-07	1.0E-03	3.6E-10	1.6E-01	1.4E-02	7.7E-13	1.6E+00	6.0E-07	1.0E-03	9.8E-10	1.6E-01	1.4E-02	2.1E-12
1.7E+00	1.9E-07	1.0E-03	3.4E-10	1.6E-01	1.4E-02	7.3E-13	1.5E+00	6.0E-07	1.0E-03	9.5E-10	1.6E-01	1.4E-02	2.1E-12
1.6E+00	1.9E-07	1.0E-03	3.3E-10	1.6E-01	1.4E-02	7.0E-13	1.5E+00	6.0E-07	1.0E-03	9.2E-10	1.6E-01	1.4E-02	2.0E-12
1.6E+00	1.9E-07	1.0E-03	3.1E-10	1.6E-01	1.4E-02	6.7E-13	1.4E+00	6.0E-07	1.0E-03	8.9E-10	1.6E-01	1.4E-02	1.9E-12

Franklin School Project

Risk From New Building Demo (Port. 1,3,4) - Mitigated Residential

Haul Route 1A							Haul Route 2A						
Conc	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
3.4E-01	1.2E-06	1.0E-03	4.4E-10	1.6E-01	1.4E-02	9.4E-13	3.9E+00	1.3E-07	1.0E-03	5.4E-10	1.6E-01	1.4E-02	1.2E-12
3.9E-01	1.2E-06	1.0E-03	5.0E-10	1.6E-01	1.4E-02	1.1E-12	4.4E+00	1.3E-07	1.0E-03	6.0E-10	1.6E-01	1.4E-02	1.3E-12
4.5E-01	1.2E-06	1.0E-03	5.8E-10	1.6E-01	1.4E-02	1.2E-12	4.7E+00	1.3E-07	1.0E-03	6.5E-10	1.6E-01	1.4E-02	1.4E-12
5.2E-01	1.2E-06	1.0E-03	6.6E-10	1.6E-01	1.4E-02	1.4E-12	4.8E+00	1.3E-07	1.0E-03	6.7E-10	1.6E-01	1.4E-02	1.4E-12
5.8E-01	1.2E-06	1.0E-03	7.5E-10	1.6E-01	1.4E-02	1.6E-12	4.8E+00	1.3E-07	1.0E-03	6.7E-10	1.6E-01	1.4E-02	1.4E-12
6.5E-01	1.2E-06	1.0E-03	8.3E-10	1.6E-01	1.4E-02	1.8E-12	4.7E+00	1.3E-07	1.0E-03	6.5E-10	1.6E-01	1.4E-02	1.4E-12
7.1E-01	1.2E-06	1.0E-03	9.1E-10	1.6E-01	1.4E-02	2.0E-12	4.3E+00	1.3E-07	1.0E-03	5.9E-10	1.6E-01	1.4E-02	1.3E-12
7.7E-01	1.2E-06	1.0E-03	9.9E-10	1.6E-01	1.4E-02	2.1E-12	3.6E+00	1.3E-07	1.0E-03	5.0E-10	1.6E-01	1.4E-02	1.1E-12
8.4E-01	1.2E-06	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12	2.8E+00	1.3E-07	1.0E-03	3.9E-10	1.6E-01	1.4E-02	8.4E-13
9.2E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12	2.2E+00	1.3E-07	1.0E-03	3.0E-10	1.6E-01	1.4E-02	6.4E-13
9.9E-01	1.2E-06	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.7E-12	1.6E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	4.9E-13
1.0E+00	1.2E-06	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.8E-13
1.0E+00	1.2E-06	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.0E-13
1.0E+00	1.2E-06	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13
9.5E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	6.5E-01	1.3E-07	1.0E-03	9.0E-11	1.6E-01	1.4E-02	1.9E-13
8.8E-01	1.2E-06	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	1.4E-02	1.6E-13
3.9E-01	1.2E-06	1.0E-03	5.1E-10	1.6E-01	1.4E-02	1.1E-12	8.3E+00	1.3E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.5E-12
4.7E-01	1.2E-06	1.0E-03	6.0E-10	1.6E-01	1.4E-02	1.3E-12	8.9E+00	1.3E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.7E-12
5.5E-01	1.2E-06	1.0E-03	7.1E-10	1.6E-01	1.4E-02	1.5E-12	9.3E+00	1.3E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12
6.5E-01	1.2E-06	1.0E-03	8.4E-10	1.6E-01	1.4E-02	1.8E-12	9.5E+00	1.3E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12
7.6E-01	1.2E-06	1.0E-03	9.8E-10	1.6E-01	1.4E-02	2.1E-12	9.4E+00	1.3E-07	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12
8.7E-01	1.2E-06	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	9.0E+00	1.3E-07	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.7E-12
9.7E-01	1.2E-06	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.7E-12	7.7E+00	1.3E-07	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12
1.1E+00	1.2E-06	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12	5.3E+00	1.3E-07	1.0E-03	7.3E-10	1.6E-01	1.4E-02	1.6E-12
1.2E+00	1.2E-06	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.3E-12	3.4E+00	1.3E-07	1.0E-03	4.8E-10	1.6E-01	1.4E-02	1.0E-12
1.3E+00	1.2E-06	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.7E-12	2.3E+00	1.3E-07	1.0E-03	3.2E-10	1.6E-01	1.4E-02	7.0E-13
1.4E+00	1.2E-06	1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.9E-12	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	4.9E-13
1.4E+00	1.2E-06	1.0E-03	1.8E-09	1.6E-01	1.4E-02	4.0E-12	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.7E-13
1.4E+00	1.2E-06	1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.8E-12	9.4E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.8E-13
1.3E+00	1.2E-06	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.5E-12	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13
1.2E+00	1.2E-06	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	6.1E-01	1.3E-07	1.0E-03	8.4E-11	1.6E-01	1.4E-02	1.8E-13
1.0E+00	1.2E-06	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	1.4E-02	1.5E-13
4.5E-01	1.2E-06	1.0E-03	5.9E-10	1.6E-01	1.4E-02	1.3E-12	6.9E+00	1.3E-07	1.0E-03	9.5E-10	1.6E-01	1.4E-02	2.0E-12
5.6E-01	1.2E-06	1.0E-03	7.2E-10	1.6E-01	1.4E-02	1.5E-12	1.1E+01	1.3E-07	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12
6.9E-01	1.2E-06	1.0E-03	8.8E-10	1.6E-01	1.4E-02	1.9E-12	6.2E+00	1.3E-07	1.0E-03	8.5E-10	1.6E-01	1.4E-02	1.8E-12
8.5E-01	1.2E-06	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	6.1E+00	1.3E-07	1.0E-03	8.5E-10	1.6E-01	1.4E-02	1.8E-12
1.0E+00	1.2E-06	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12	6.0E+00	1.3E-07	1.0E-03	8.3E-10	1.6E-01	1.4E-02	1.8E-12
1.2E+00	1.2E-06	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.4E-12	5.4E+00	1.3E-07	1.0E-03	7.4E-10	1.6E-01	1.4E-02	1.6E-12
1.4E+00	1.2E-06	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.0E-12	6.2E+00	1.3E-07	1.0E-03	8.6E-10	1.6E-01	1.4E-02	1.8E-12

1.6E+00	1.2E-06	1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.6E-12	7.1E+00	1.3E-07	1.0E-03	9.9E-10	1.6E-01	1.4E-02	2.1E-12
1.9E+00	1.2E-06	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.2E-12	3.6E+00	1.3E-07	1.0E-03	5.0E-10	1.6E-01	1.4E-02	1.1E-12
2.1E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.7E-12	2.2E+00	1.3E-07	1.0E-03	3.1E-10	1.6E-01	1.4E-02	6.6E-13
2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.8E-12	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.5E-13
2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.5E-12	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.3E-13
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	8.5E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.5E-13
1.6E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.4E-12	6.7E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	1.4E-02	2.0E-13
1.3E+00	1.2E-06	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.7E-12	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	1.4E-02	1.6E-13
1.1E+00	1.2E-06	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	4.5E-01	1.3E-07	1.0E-03	6.3E-11	1.6E-01	1.4E-02	1.3E-13
5.2E-01	1.2E-06	1.0E-03	6.7E-10	1.6E-01	1.4E-02	1.4E-12	6.3E+00	1.3E-07	1.0E-03	8.8E-10	1.6E-01	1.4E-02	1.9E-12
6.6E-01	1.2E-06	1.0E-03	8.5E-10	1.6E-01	1.4E-02	1.8E-12	1.0E+01	1.3E-07	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12
8.6E-01	1.2E-06	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	5.6E+00	1.3E-07	1.0E-03	7.8E-10	1.6E-01	1.4E-02	1.7E-12
1.1E+00	1.2E-06	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.1E-12	5.5E+00	1.3E-07	1.0E-03	7.6E-10	1.6E-01	1.4E-02	1.6E-12
1.5E+00	1.2E-06	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.1E-12	5.3E+00	1.3E-07	1.0E-03	7.3E-10	1.6E-01	1.4E-02	1.6E-12
1.9E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.3E-12	4.5E+00	1.3E-07	1.0E-03	6.3E-10	1.6E-01	1.4E-02	1.4E-12
2.3E+00	1.2E-06	1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.5E-12	5.2E+00	1.3E-07	1.0E-03	7.2E-10	1.6E-01	1.4E-02	1.6E-12
2.8E+00	1.2E-06	1.0E-03	3.6E-09	1.6E-01	1.4E-02	7.7E-12	6.0E+00	1.3E-07	1.0E-03	8.3E-10	1.6E-01	1.4E-02	1.8E-12
3.2E+00	1.2E-06	1.0E-03	4.1E-09	1.6E-01	1.4E-02	8.9E-12	3.0E+00	1.3E-07	1.0E-03	4.2E-10	1.6E-01	1.4E-02	9.0E-13
3.4E+00	1.2E-06	1.0E-03	4.3E-09	1.6E-01	1.4E-02	9.3E-12	1.9E+00	1.3E-07	1.0E-03	2.6E-10	1.6E-01	1.4E-02	5.6E-13
3.1E+00	1.2E-06	1.0E-03	4.0E-09	1.6E-01	1.4E-02	8.7E-12	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.9E-13
2.7E+00	1.2E-06	1.0E-03	3.5E-09	1.6E-01	1.4E-02	7.5E-12	9.5E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.8E-13
2.3E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.3E-12	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13
1.8E+00	1.2E-06	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.1E-12	5.9E-01	1.3E-07	1.0E-03	8.2E-11	1.6E-01	1.4E-02	1.8E-13
1.5E+00	1.2E-06	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.1E-12	4.8E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	1.4E-02	1.4E-13
1.2E+00	1.2E-06	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.4E-12	4.0E-01	1.3E-07	1.0E-03	5.6E-11	1.6E-01	1.4E-02	1.2E-13
5.9E-01	1.2E-06	1.0E-03	7.6E-10	1.6E-01	1.4E-02	1.6E-12	7.0E+00	1.3E-07	1.0E-03	9.7E-10	1.6E-01	1.4E-02	2.1E-12
7.8E-01	1.2E-06	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	7.3E+00	1.3E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12
1.1E+00	1.2E-06	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.0E-12	7.4E+00	1.3E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12
1.5E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.2E-12	7.3E+00	1.3E-07	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12
2.2E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.2E-12	7.0E+00	1.3E-07	1.0E-03	9.7E-10	1.6E-01	1.4E-02	2.1E-12
3.3E+00	1.2E-06	1.0E-03	4.2E-09	1.6E-01	1.4E-02	9.1E-12	6.4E+00	1.3E-07	1.0E-03	8.9E-10	1.6E-01	1.4E-02	1.9E-12
4.5E+00	1.2E-06	1.0E-03	5.7E-09	1.6E-01	1.4E-02	1.2E-11	5.2E+00	1.3E-07	1.0E-03	7.1E-10	1.6E-01	1.4E-02	1.5E-12
5.6E+00	1.2E-06	1.0E-03	7.3E-09	1.6E-01	1.4E-02	1.6E-11	3.4E+00	1.3E-07	1.0E-03	4.7E-10	1.6E-01	1.4E-02	1.0E-12
6.2E+00	1.2E-06	1.0E-03	8.0E-09	1.6E-01	1.4E-02	1.7E-11	2.2E+00	1.3E-07	1.0E-03	3.1E-10	1.6E-01	1.4E-02	6.6E-13
5.6E+00	1.2E-06	1.0E-03	7.2E-09	1.6E-01	1.4E-02	1.6E-11	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.5E-13
4.5E+00	1.2E-06	1.0E-03	5.8E-09	1.6E-01	1.4E-02	1.2E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.2E-13
3.4E+00	1.2E-06	1.0E-03	4.4E-09	1.6E-01	1.4E-02	9.6E-12	8.2E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13
2.6E+00	1.2E-06	1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.2E-12	6.4E-01	1.3E-07	1.0E-03	8.9E-11	1.6E-01	1.4E-02	1.9E-13
2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.5E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	1.4E-02	1.6E-13
1.5E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.3E-12	4.3E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	1.4E-02	1.3E-13
1.2E+00	1.2E-06	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.4E-12	3.6E-01	1.3E-07	1.0E-03	5.0E-11	1.6E-01	1.4E-02	1.1E-13
6.5E-01	1.2E-06	1.0E-03	8.3E-10	1.6E-01	1.4E-02	1.8E-12	3.5E+00	1.3E-07	1.0E-03	4.9E-10	1.6E-01	1.4E-02	1.1E-12
8.8E-01	1.2E-06	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	3.8E+00	1.3E-07	1.0E-03	5.2E-10	1.6E-01	1.4E-02	1.1E-12
1.3E+00	1.2E-06	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12	3.8E+00	1.3E-07	1.0E-03	5.3E-10	1.6E-01	1.4E-02	1.1E-12
2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.6E-12	3.8E+00	1.3E-07	1.0E-03	5.3E-10	1.6E-01	1.4E-02	1.1E-12
3.5E+00	1.2E-06	1.0E-03	4.5E-09	1.6E-01	1.4E-02	9.6E-12	3.7E+00	1.3E-07	1.0E-03	5.1E-10	1.6E-01	1.4E-02	1.1E-12

6.5E+00	1.2E-06	1.0E-03	8.3E-09	1.6E-01	1.4E-02	1.8E-11	3.4E+00	1.3E-07	1.0E-03	4.7E-10	1.6E-01	1.4E-02	1.0E-12
1.1E+01	1.2E-06	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.1E-11	2.9E+00	1.3E-07	1.0E-03	4.0E-10	1.6E-01	1.4E-02	8.6E-13
1.5E+01	1.2E-06	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.1E-11	2.2E+00	1.3E-07	1.0E-03	3.1E-10	1.6E-01	1.4E-02	6.6E-13
1.3E+01	1.2E-06	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.6E-11	1.6E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	4.9E-13
8.7E+00	1.2E-06	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.6E-13
5.7E+00	1.2E-06	1.0E-03	7.4E-09	1.6E-01	1.4E-02	1.6E-11	9.1E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.7E-13
3.9E+00	1.2E-06	1.0E-03	5.0E-09	1.6E-01	1.4E-02	1.1E-11	7.1E-01	1.3E-07	1.0E-03	9.8E-11	1.6E-01	1.4E-02	2.1E-13
2.7E+00	1.2E-06	1.0E-03	3.5E-09	1.6E-01	1.4E-02	7.6E-12	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	1.4E-02	1.7E-13
2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.5E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	1.4E-02	1.4E-13
1.5E+00	1.2E-06	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.1E-12	3.9E-01	1.3E-07	1.0E-03	5.4E-11	1.6E-01	1.4E-02	1.2E-13
1.2E+00	1.2E-06	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	3.3E-01	1.3E-07	1.0E-03	4.6E-11	1.6E-01	1.4E-02	9.9E-14
6.8E-01	1.2E-06	1.0E-03	8.7E-10	1.6E-01	1.4E-02	1.9E-12	2.2E+00	1.3E-07	1.0E-03	3.0E-10	1.6E-01	1.4E-02	6.5E-13
9.5E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	2.4E+00	1.3E-07	1.0E-03	3.3E-10	1.6E-01	1.4E-02	7.0E-13
1.4E+00	1.2E-06	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.0E-12	2.4E+00	1.3E-07	1.0E-03	3.4E-10	1.6E-01	1.4E-02	7.3E-13
2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	1.4E-02	6.8E-12	2.4E+00	1.3E-07	1.0E-03	3.4E-10	1.6E-01	1.4E-02	7.3E-13
5.0E+00	1.2E-06	1.0E-03	6.4E-09	1.6E-01	1.4E-02	1.4E-11	2.4E+00	1.3E-07	1.0E-03	3.3E-10	1.6E-01	1.4E-02	7.0E-13
1.4E+01	1.2E-06	1.0E-03	1.8E-08	1.6E-01	1.4E-02	3.9E-11	2.2E+00	1.3E-07	1.0E-03	3.0E-10	1.6E-01	1.4E-02	6.6E-13
5.4E+01	1.2E-06	1.0E-03	6.9E-08	1.6E-01	1.4E-02	1.5E-10	1.9E+00	1.3E-07	1.0E-03	2.7E-10	1.6E-01	1.4E-02	5.8E-13
6.1E+01	1.2E-06	1.0E-03	7.8E-08	1.6E-01	1.4E-02	1.7E-10	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.8E-13
2.4E+01	1.2E-06	1.0E-03	3.1E-08	1.6E-01	1.4E-02	6.6E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.8E-13
1.1E+01	1.2E-06	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.0E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.0E-13
6.0E+00	1.2E-06	1.0E-03	7.8E-09	1.6E-01	1.4E-02	1.7E-11	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13
3.8E+00	1.2E-06	1.0E-03	4.8E-09	1.6E-01	1.4E-02	1.0E-11	6.3E-01	1.3E-07	1.0E-03	8.7E-11	1.6E-01	1.4E-02	1.9E-13
2.5E+00	1.2E-06	1.0E-03	3.3E-09	1.6E-01	1.4E-02	7.0E-12	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	1.4E-02	1.5E-13
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	4.3E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	1.4E-02	1.3E-13
1.3E+00	1.2E-06	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.7E-12	3.6E-01	1.3E-07	1.0E-03	5.0E-11	1.6E-01	1.4E-02	1.1E-13
1.0E+00	1.2E-06	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12	3.1E-01	1.3E-07	1.0E-03	4.2E-11	1.6E-01	1.4E-02	9.1E-14
6.9E-01	1.2E-06	1.0E-03	8.8E-10	1.6E-01	1.4E-02	1.9E-12	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.5E-13
9.7E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.7E-12	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.8E-13
1.5E+00	1.2E-06	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.1E-12	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	5.0E-13
2.6E+00	1.2E-06	1.0E-03	3.3E-09	1.6E-01	1.4E-02	7.1E-12	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	1.4E-02	5.1E-13
5.5E+00	1.2E-06	1.0E-03	7.1E-09	1.6E-01	1.4E-02	1.5E-11	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	5.0E-13
9.6E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.7E-11	8.5E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.5E-13
5.1E+00	1.2E-06	1.0E-03	6.6E-09	1.6E-01	1.4E-02	1.4E-11	6.9E-01	1.3E-07	1.0E-03	9.6E-11	1.6E-01	1.4E-02	2.1E-13
3.2E+00	1.2E-06	1.0E-03	4.1E-09	1.6E-01	1.4E-02	8.8E-12	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	1.4E-02	1.7E-13
2.1E+00	1.2E-06	1.0E-03	2.8E-09	1.6E-01	1.4E-02	5.9E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	1.4E-02	1.4E-13
1.5E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.3E-12	3.9E-01	1.3E-07	1.0E-03	5.5E-11	1.6E-01	1.4E-02	1.2E-13
1.2E+00	1.2E-06	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	3.3E-01	1.3E-07	1.0E-03	4.6E-11	1.6E-01	1.4E-02	1.0E-13
9.0E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12	2.9E-01	1.3E-07	1.0E-03	4.0E-11	1.6E-01	1.4E-02	8.6E-14
6.6E-01	1.2E-06	1.0E-03	8.5E-10	1.6E-01	1.4E-02	1.8E-12	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.3E-13
9.1E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.5E-13
1.4E+00	1.2E-06	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.8E-12	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.7E-13
2.2E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.2E-12	1.3E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.7E-13
4.1E+00	1.2E-06	1.0E-03	5.3E-09	1.6E-01	1.4E-02	1.1E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.7E-13
6.4E+00	1.2E-06	1.0E-03	8.3E-09	1.6E-01	1.4E-02	1.8E-11	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13
3.9E+00	1.2E-06	1.0E-03	5.0E-09	1.6E-01	1.4E-02	1.1E-11	6.1E-01	1.3E-07	1.0E-03	8.4E-11	1.6E-01	1.4E-02	1.8E-13

2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	1.4E-02	6.9E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	1.4E-02	1.5E-13
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	1.4E-02	4.9E-12	4.3E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	1.4E-02	1.3E-13
1.3E+00	1.2E-06	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12	3.7E-01	1.3E-07	1.0E-03	5.1E-11	1.6E-01	1.4E-02	1.1E-13
9.9E-01	1.2E-06	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	3.1E-01	1.3E-07	1.0E-03	4.4E-11	1.6E-01	1.4E-02	9.4E-14
7.8E-01	1.2E-06	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	2.7E-01	1.3E-07	1.0E-03	3.8E-11	1.6E-01	1.4E-02	8.1E-14
6.1E-01	1.2E-06	1.0E-03	7.8E-10	1.6E-01	1.4E-02	1.7E-12	8.3E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.5E-13
8.2E-01	1.2E-06	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12	9.0E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.7E-13
1.1E+00	1.2E-06	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	9.4E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.8E-13
1.7E+00	1.2E-06	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.8E-12	9.6E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.9E-13
2.7E+00	1.2E-06	1.0E-03	3.5E-09	1.6E-01	1.4E-02	7.5E-12	9.6E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.9E-13
4.2E+00	1.2E-06	1.0E-03	5.4E-09	1.6E-01	1.4E-02	1.2E-11	6.1E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	1.4E-02	1.8E-13
2.8E+00	1.2E-06	1.0E-03	3.7E-09	1.6E-01	1.4E-02	7.9E-12	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	1.4E-02	1.6E-13
2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.5E-12	4.6E-01	1.3E-07	1.0E-03	6.3E-11	1.6E-01	1.4E-02	1.4E-13
1.5E+00	1.2E-06	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.1E-12	4.0E-01	1.3E-07	1.0E-03	5.5E-11	1.6E-01	1.4E-02	1.2E-13
1.1E+00	1.2E-06	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.1E-12	3.4E-01	1.3E-07	1.0E-03	4.7E-11	1.6E-01	1.4E-02	1.0E-13
8.7E-01	1.2E-06	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	3.0E-01	1.3E-07	1.0E-03	4.1E-11	1.6E-01	1.4E-02	8.8E-14
6.9E-01	1.2E-06	1.0E-03	8.9E-10	1.6E-01	1.4E-02	1.9E-12	2.6E-01	1.3E-07	1.0E-03	3.6E-11	1.6E-01	1.4E-02	7.7E-14
5.4E-01	1.2E-06	1.0E-03	7.0E-10	1.6E-01	1.4E-02	1.5E-12	6.5E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	1.4E-02	1.9E-13
7.0E-01	1.2E-06	1.0E-03	9.0E-10	1.6E-01	1.4E-02	1.9E-12	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	1.4E-02	2.1E-13
9.4E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.6E-12	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13
1.3E+00	1.2E-06	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12	7.6E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13
1.9E+00	1.2E-06	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.2E-12	7.6E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13
3.0E+00	1.2E-06	1.0E-03	3.8E-09	1.6E-01	1.4E-02	8.2E-12	5.3E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	1.4E-02	1.6E-13
2.2E+00	1.2E-06	1.0E-03	2.8E-09	1.6E-01	1.4E-02	6.1E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	1.4E-02	1.4E-13
1.6E+00	1.2E-06	1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.5E-12	4.1E-01	1.3E-07	1.0E-03	5.7E-11	1.6E-01	1.4E-02	1.2E-13
1.3E+00	1.2E-06	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.5E-12	3.6E-01	1.3E-07	1.0E-03	5.0E-11	1.6E-01	1.4E-02	1.1E-13
9.8E-01	1.2E-06	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.7E-12	3.2E-01	1.3E-07	1.0E-03	4.4E-11	1.6E-01	1.4E-02	9.5E-14
7.8E-01	1.2E-06	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	2.8E-01	1.3E-07	1.0E-03	3.9E-11	1.6E-01	1.4E-02	8.3E-14
6.3E-01	1.2E-06	1.0E-03	8.1E-10	1.6E-01	1.4E-02	1.7E-12	2.4E-01	1.3E-07	1.0E-03	3.4E-11	1.6E-01	1.4E-02	7.3E-14
4.7E-01	1.2E-06	1.0E-03	6.1E-10	1.6E-01	1.4E-02	1.3E-12	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	1.4E-02	1.6E-13
5.9E-01	1.2E-06	1.0E-03	7.6E-10	1.6E-01	1.4E-02	1.6E-12	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	1.4E-02	1.7E-13
7.6E-01	1.2E-06	1.0E-03	9.8E-10	1.6E-01	1.4E-02	2.1E-12	6.0E-01	1.3E-07	1.0E-03	8.2E-11	1.6E-01	1.4E-02	1.8E-13
1.0E+00	1.2E-06	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	6.1E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	1.4E-02	1.8E-13
1.4E+00	1.2E-06	1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.8E-12	6.2E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	1.4E-02	1.8E-13
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	6.1E-01	1.3E-07	1.0E-03	8.4E-11	1.6E-01	1.4E-02	1.8E-13
2.2E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.2E-12	5.8E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	1.4E-02	1.7E-13
2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	1.4E-02	6.8E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	1.4E-02	1.6E-13
2.4E+00	1.2E-06	1.0E-03	3.1E-09	1.6E-01	1.4E-02	6.7E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	1.4E-02	1.5E-13
2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.9E-12	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	1.4E-02	1.4E-13
1.7E+00	1.2E-06	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.8E-12	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	1.4E-02	1.2E-13
1.3E+00	1.2E-06	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.7E-12	3.7E-01	1.3E-07	1.0E-03	5.1E-11	1.6E-01	1.4E-02	1.1E-13
1.1E+00	1.2E-06	1.0E-03	1.4E-09	1.6E-01	1.4E-02	2.9E-12	3.2E-01	1.3E-07	1.0E-03	4.5E-11	1.6E-01	1.4E-02	9.7E-14
8.7E-01	1.2E-06	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.4E-12	2.9E-01	1.3E-07	1.0E-03	4.1E-11	1.6E-01	1.4E-02	8.8E-14
7.0E-01	1.2E-06	1.0E-03	9.1E-10	1.6E-01	1.4E-02	2.0E-12	2.6E-01	1.3E-07	1.0E-03	3.6E-11	1.6E-01	1.4E-02	7.8E-14
5.7E-01	1.2E-06	1.0E-03	7.4E-10	1.6E-01	1.4E-02	1.6E-12	2.3E-01	1.3E-07	1.0E-03	3.2E-11	1.6E-01	1.4E-02	6.9E-14
4.1E-01	1.2E-06	1.0E-03	5.3E-10	1.6E-01	1.4E-02	1.1E-12	4.4E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	1.4E-02	1.3E-13

5.0E-01	1.2E-06	1.0E-03	6.5E-10	1.6E-01	1.4E-02	1.4E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	1.4E-02	1.4E-13
6.2E-01	1.2E-06	1.0E-03	8.0E-10	1.6E-01	1.4E-02	1.7E-12	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	1.4E-02	1.5E-13
8.0E-01	1.2E-06	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	5.0E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	1.4E-02	1.5E-13
1.0E+00	1.2E-06	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.9E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	1.4E-02	1.5E-13
1.3E+00	1.2E-06	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.6E-12	5.0E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	1.4E-02	1.5E-13
1.5E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.2E-12	4.9E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	1.4E-02	1.5E-13
1.7E+00	1.2E-06	1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.6E-12	4.7E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	1.4E-02	1.4E-13
1.7E+00	1.2E-06	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.6E-12	4.4E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	1.4E-02	1.3E-13
1.6E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.3E-12	4.0E-01	1.3E-07	1.0E-03	5.6E-11	1.6E-01	1.4E-02	1.2E-13
1.4E+00	1.2E-06	1.0E-03	1.7E-09	1.6E-01	1.4E-02	3.8E-12	3.7E-01	1.3E-07	1.0E-03	5.1E-11	1.6E-01	1.4E-02	1.1E-13
1.1E+00	1.2E-06	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.1E-12	3.3E-01	1.3E-07	1.0E-03	4.6E-11	1.6E-01	1.4E-02	1.0E-13
9.0E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12	2.9E-01	1.3E-07	1.0E-03	4.1E-11	1.6E-01	1.4E-02	8.8E-14
7.7E-01	1.2E-06	1.0E-03	9.9E-10	1.6E-01	1.4E-02	2.1E-12	2.7E-01	1.3E-07	1.0E-03	3.7E-11	1.6E-01	1.4E-02	8.0E-14
6.4E-01	1.2E-06	1.0E-03	8.2E-10	1.6E-01	1.4E-02	1.8E-12	2.4E-01	1.3E-07	1.0E-03	3.4E-11	1.6E-01	1.4E-02	7.3E-14
5.3E-01	1.2E-06	1.0E-03	6.8E-10	1.6E-01	1.4E-02	1.5E-12	2.2E-01	1.3E-07	1.0E-03	3.0E-11	1.6E-01	1.4E-02	6.5E-14
3.6E-01	1.2E-06	1.0E-03	4.7E-10	1.6E-01	1.4E-02	1.0E-12	3.7E-01	1.3E-07	1.0E-03	5.1E-11	1.6E-01	1.4E-02	1.1E-13
4.3E-01	1.2E-06	1.0E-03	5.6E-10	1.6E-01	1.4E-02	1.2E-12	3.9E-01	1.3E-07	1.0E-03	5.4E-11	1.6E-01	1.4E-02	1.2E-13
5.3E-01	1.2E-06	1.0E-03	6.8E-10	1.6E-01	1.4E-02	1.5E-12	4.1E-01	1.3E-07	1.0E-03	5.7E-11	1.6E-01	1.4E-02	1.2E-13
6.5E-01	1.2E-06	1.0E-03	8.4E-10	1.6E-01	1.4E-02	1.8E-12	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	1.4E-02	1.3E-13
8.0E-01	1.2E-06	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	4.3E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	1.4E-02	1.3E-13
9.6E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.7E-12	4.2E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	1.4E-02	1.3E-13
1.1E+00	1.2E-06	1.0E-03	1.4E-09	1.6E-01	1.4E-02	3.1E-12	4.1E-01	1.3E-07	1.0E-03	5.7E-11	1.6E-01	1.4E-02	1.2E-13
1.2E+00	1.2E-06	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.3E-12	4.0E-01	1.3E-07	1.0E-03	5.5E-11	1.6E-01	1.4E-02	1.2E-13
1.2E+00	1.2E-06	1.0E-03	1.6E-09	1.6E-01	1.4E-02	3.4E-12	3.8E-01	1.3E-07	1.0E-03	5.2E-11	1.6E-01	1.4E-02	1.1E-13
1.2E+00	1.2E-06	1.0E-03	1.5E-09	1.6E-01	1.4E-02	3.2E-12	3.5E-01	1.3E-07	1.0E-03	4.9E-11	1.6E-01	1.4E-02	1.0E-13
1.0E+00	1.2E-06	1.0E-03	1.3E-09	1.6E-01	1.4E-02	2.8E-12	3.2E-01	1.3E-07	1.0E-03	4.4E-11	1.6E-01	1.4E-02	9.6E-14
9.0E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12	3.0E-01	1.3E-07	1.0E-03	4.1E-11	1.6E-01	1.4E-02	8.8E-14
7.8E-01	1.2E-06	1.0E-03	1.0E-09	1.6E-01	1.4E-02	2.2E-12	2.7E-01	1.3E-07	1.0E-03	3.7E-11	1.6E-01	1.4E-02	8.0E-14
6.4E-01	1.2E-06	1.0E-03	8.3E-10	1.6E-01	1.4E-02	1.8E-12	2.4E-01	1.3E-07	1.0E-03	3.3E-11	1.6E-01	1.4E-02	7.2E-14
5.7E-01	1.2E-06	1.0E-03	7.4E-10	1.6E-01	1.4E-02	1.6E-12	2.3E-01	1.3E-07	1.0E-03	3.1E-11	1.6E-01	1.4E-02	6.7E-14
4.9E-01	1.2E-06	1.0E-03	6.3E-10	1.6E-01	1.4E-02	1.4E-12	2.1E-01	1.3E-07	1.0E-03	2.8E-11	1.6E-01	1.4E-02	6.1E-14
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3.7E-01	1.2E-06	1.0E-03	4.8E-10	1.6E-01	1.4E-02	1.0E-12	3.3E-01	1.3E-07	1.0E-03	4.6E-11	1.6E-01	1.4E-02	9.9E-14
4.5E-01	1.2E-06	1.0E-03	5.7E-10	1.6E-01	1.4E-02	1.2E-12	3.5E-01	1.3E-07	1.0E-03	4.8E-11	1.6E-01	1.4E-02	1.0E-13
5.3E-01	1.2E-06	1.0E-03	6.9E-10	1.6E-01	1.4E-02	1.5E-12	3.6E-01	1.3E-07	1.0E-03	4.9E-11	1.6E-01	1.4E-02	1.1E-13
6.4E-01	1.2E-06	1.0E-03	8.2E-10	1.6E-01	1.4E-02	1.8E-12	3.6E-01	1.3E-07	1.0E-03	5.0E-11	1.6E-01	1.4E-02	1.1E-13
7.4E-01	1.2E-06	1.0E-03	9.6E-10	1.6E-01	1.4E-02	2.1E-12	3.6E-01	1.3E-07	1.0E-03	5.0E-11	1.6E-01	1.4E-02	1.1E-13
8.4E-01	1.2E-06	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12	3.5E-01	1.3E-07	1.0E-03	4.9E-11	1.6E-01	1.4E-02	1.1E-13
9.0E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12	3.4E-01	1.3E-07	1.0E-03	4.7E-11	1.6E-01	1.4E-02	1.0E-13
9.2E-01	1.2E-06	1.0E-03	1.2E-09	1.6E-01	1.4E-02	2.5E-12	3.3E-01	1.3E-07	1.0E-03	4.5E-11	1.6E-01	1.4E-02	9.8E-14
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8.4E-01	1.2E-06	1.0E-03	1.1E-09	1.6E-01	1.4E-02	2.3E-12	2.9E-01	1.3E-07	1.0E-03	4.0E-11	1.6E-01	1.4E-02	8.7E-14
7.7E-01	1.2E-06	1.0E-03	9.9E-10	1.6E-01	1.4E-02	2.1E-12	2.7E-01	1.3E-07	1.0E-03	3.8E-11	1.6E-01	1.4E-02	8.1E-14
6.8E-01	1.2E-06	1.0E-03	8.8E-10	1.6E-01	1.4E-02	1.9E-12	2.5E-01	1.3E-07	1.0E-03	3.5E-11	1.6E-01	1.4E-02	7.5E-14
5.6E-01	1.2E-06	1.0E-03	7.2E-10	1.6E-01	1.4E-02	1.6E-12	2.2E-01	1.3E-07	1.0E-03	3.1E-11	1.6E-01	1.4E-02	6.6E-14
4.9E-01	1.2E-06	1.0E-03	6.3E-10	1.6E-01	1.4E-02	1.3E-12	2.0E-01	1.3E-07	1.0E-03	2.8E-11	1.6E-01	1.4E-02	6.0E-14

4.5E-01	1.2E-06	1.0E-03	5.7E-10	1.6E-01	1.4E-02	1.2E-12	1.9E-01	1.3E-07	1.0E-03	2.7E-11	1.6E-01	1.4E-02	5.7E-14
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3.3E-01	1.2E-06	1.0E-03	4.2E-10	1.6E-01	1.4E-02	9.1E-13	2.9E-01	1.3E-07	1.0E-03	4.0E-11	1.6E-01	1.4E-02	8.5E-14
3.8E-01	1.2E-06	1.0E-03	4.9E-10	1.6E-01	1.4E-02	1.1E-12	3.0E-01	1.3E-07	1.0E-03	4.1E-11	1.6E-01	1.4E-02	8.9E-14
4.5E-01	1.2E-06	1.0E-03	5.8E-10	1.6E-01	1.4E-02	1.2E-12	3.1E-01	1.3E-07	1.0E-03	4.2E-11	1.6E-01	1.4E-02	9.1E-14
5.2E-01	1.2E-06	1.0E-03	6.7E-10	1.6E-01	1.4E-02	1.4E-12	3.1E-01	1.3E-07	1.0E-03	4.3E-11	1.6E-01	1.4E-02	9.3E-14
5.9E-01	1.2E-06	1.0E-03	7.6E-10	1.6E-01	1.4E-02	1.6E-12	3.1E-01	1.3E-07	1.0E-03	4.3E-11	1.6E-01	1.4E-02	9.3E-14
6.6E-01	1.2E-06	1.0E-03	8.5E-10	1.6E-01	1.4E-02	1.8E-12	3.1E-01	1.3E-07	1.0E-03	4.2E-11	1.6E-01	1.4E-02	9.1E-14
7.0E-01	1.2E-06	1.0E-03	9.0E-10	1.6E-01	1.4E-02	1.9E-12	3.0E-01	1.3E-07	1.0E-03	4.1E-11	1.6E-01	1.4E-02	8.9E-14
7.2E-01	1.2E-06	1.0E-03	9.3E-10	1.6E-01	1.4E-02	2.0E-12	2.9E-01	1.3E-07	1.0E-03	4.0E-11	1.6E-01	1.4E-02	8.6E-14
7.1E-01	1.2E-06	1.0E-03	9.2E-10	1.6E-01	1.4E-02	2.0E-12	2.7E-01	1.3E-07	1.0E-03	3.8E-11	1.6E-01	1.4E-02	8.2E-14
6.9E-01	1.2E-06	1.0E-03	8.8E-10	1.6E-01	1.4E-02	1.9E-12	2.6E-01	1.3E-07	1.0E-03	3.6E-11	1.6E-01	1.4E-02	7.8E-14
6.4E-01	1.2E-06	1.0E-03	8.2E-10	1.6E-01	1.4E-02	1.8E-12	2.4E-01	1.3E-07	1.0E-03	3.4E-11	1.6E-01	1.4E-02	7.3E-14
5.8E-01	1.2E-06	1.0E-03	7.5E-10	1.6E-01	1.4E-02	1.6E-12	2.3E-01	1.3E-07	1.0E-03	3.2E-11	1.6E-01	1.4E-02	6.8E-14
5.2E-01	1.2E-06	1.0E-03	6.7E-10	1.6E-01	1.4E-02	1.4E-12	2.1E-01	1.3E-07	1.0E-03	2.9E-11	1.6E-01	1.4E-02	6.3E-14
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3.8E-01	1.2E-06	1.0E-03	4.9E-10	1.6E-01	1.4E-02	1.1E-12	1.7E-01	1.3E-07	1.0E-03	2.4E-11	1.6E-01	1.4E-02	5.1E-14
2.5E-01	1.2E-06	1.0E-03	3.2E-10	1.6E-01	1.4E-02	6.9E-13	2.4E-01	1.3E-07	1.0E-03	3.3E-11	1.6E-01	1.4E-02	7.1E-14
2.9E-01	1.2E-06	1.0E-03	3.7E-10	1.6E-01	1.4E-02	7.9E-13	2.5E-01	1.3E-07	1.0E-03	3.5E-11	1.6E-01	1.4E-02	7.4E-14
3.3E-01	1.2E-06	1.0E-03	4.2E-10	1.6E-01	1.4E-02	9.1E-13	2.6E-01	1.3E-07	1.0E-03	3.6E-11	1.6E-01	1.4E-02	7.7E-14
3.8E-01	1.2E-06	1.0E-03	4.9E-10	1.6E-01	1.4E-02	1.0E-12	2.7E-01	1.3E-07	1.0E-03	3.7E-11	1.6E-01	1.4E-02	7.9E-14
4.3E-01	1.2E-06	1.0E-03	5.6E-10	1.6E-01	1.4E-02	1.2E-12	2.7E-01	1.3E-07	1.0E-03	3.7E-11	1.6E-01	1.4E-02	8.0E-14
4.9E-01	1.2E-06	1.0E-03	6.2E-10	1.6E-01	1.4E-02	1.3E-12	2.7E-01	1.3E-07	1.0E-03	3.7E-11	1.6E-01	1.4E-02	8.1E-14
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5.8E-01	1.2E-06	1.0E-03	7.5E-10	1.6E-01	1.4E-02	1.6E-12	2.5E-01	1.3E-07	1.0E-03	3.5E-11	1.6E-01	1.4E-02	7.6E-14
5.8E-01	1.2E-06	1.0E-03	7.5E-10	1.6E-01	1.4E-02	1.6E-12	2.4E-01	1.3E-07	1.0E-03	3.4E-11	1.6E-01	1.4E-02	7.3E-14
5.6E-01	1.2E-06	1.0E-03	7.2E-10	1.6E-01	1.4E-02	1.6E-12	2.3E-01	1.3E-07	1.0E-03	3.2E-11	1.6E-01	1.4E-02	7.0E-14
5.3E-01	1.2E-06	1.0E-03	6.9E-10	1.6E-01	1.4E-02	1.5E-12	2.2E-01	1.3E-07	1.0E-03	3.1E-11	1.6E-01	1.4E-02	6.6E-14
5.0E-01	1.2E-06	1.0E-03	6.4E-10	1.6E-01	1.4E-02	1.4E-12	2.1E-01	1.3E-07	1.0E-03	2.9E-11	1.6E-01	1.4E-02	6.2E-14
4.5E-01	1.2E-06	1.0E-03	5.9E-10	1.6E-01	1.4E-02	1.3E-12	1.9E-01	1.3E-07	1.0E-03	2.7E-11	1.6E-01	1.4E-02	5.8E-14
4.0E-01	1.2E-06	1.0E-03	5.2E-10	1.6E-01	1.4E-02	1.1E-12	1.8E-01	1.3E-07	1.0E-03	2.5E-11	1.6E-01	1.4E-02	5.3E-14
3.4E-01	1.2E-06	1.0E-03	4.4E-10	1.6E-01	1.4E-02	9.5E-13	1.6E-01	1.3E-07	1.0E-03	2.2E-11	1.6E-01	1.4E-02	4.8E-14
2.2E-01	1.2E-06	1.0E-03	2.9E-10	1.6E-01	1.4E-02	6.2E-13	2.1E-01	1.3E-07	1.0E-03	2.9E-11	1.6E-01	1.4E-02	6.2E-14
2.5E-01	1.2E-06	1.0E-03	3.2E-10	1.6E-01	1.4E-02	7.0E-13	2.2E-01	1.3E-07	1.0E-03	3.0E-11	1.6E-01	1.4E-02	6.5E-14
2.9E-01	1.2E-06	1.0E-03	3.7E-10	1.6E-01	1.4E-02	7.9E-13	2.3E-01	1.3E-07	1.0E-03	3.1E-11	1.6E-01	1.4E-02	6.8E-14
3.3E-01	1.2E-06	1.0E-03	4.2E-10	1.6E-01	1.4E-02	9.0E-13	2.3E-01	1.3E-07	1.0E-03	3.2E-11	1.6E-01	1.4E-02	6.9E-14
3.7E-01	1.2E-06	1.0E-03	4.7E-10	1.6E-01	1.4E-02	1.0E-12	2.4E-01	1.3E-07	1.0E-03	3.3E-11	1.6E-01	1.4E-02	7.0E-14
4.0E-01	1.2E-06	1.0E-03	5.2E-10	1.6E-01	1.4E-02	1.1E-12	2.4E-01	1.3E-07	1.0E-03	3.3E-11	1.6E-01	1.4E-02	7.1E-14
4.4E-01	1.2E-06	1.0E-03	5.6E-10	1.6E-01	1.4E-02	1.2E-12	2.4E-01	1.3E-07	1.0E-03	3.3E-11	1.6E-01	1.4E-02	7.0E-14
4.6E-01	1.2E-06	1.0E-03	6.0E-10	1.6E-01	1.4E-02	1.3E-12	2.3E-01	1.3E-07	1.0E-03	3.2E-11	1.6E-01	1.4E-02	6.9E-14
4.8E-01	1.2E-06	1.0E-03	6.1E-10	1.6E-01	1.4E-02	1.3E-12	2.3E-01	1.3E-07	1.0E-03	3.1E-11	1.6E-01	1.4E-02	6.7E-14
4.8E-01	1.2E-06	1.0E-03	6.2E-10	1.6E-01	1.4E-02	1.3E-12	2.2E-01	1.3E-07	1.0E-03	3.0E-11	1.6E-01	1.4E-02	6.5E-14
4.7E-01	1.2E-06	1.0E-03	6.0E-10	1.6E-01	1.4E-02	1.3E-12	2.1E-01	1.3E-07	1.0E-03	2.9E-11	1.6E-01	1.4E-02	6.3E-14
4.5E-01	1.2E-06	1.0E-03	5.8E-10	1.6E-01	1.4E-02	1.2E-12	2.0E-01	1.3E-07	1.0E-03	2.8E-11	1.6E-01	1.4E-02	6.0E-14
4.3E-01	1.2E-06	1.0E-03	5.5E-10	1.6E-01	1.4E-02	1.2E-12	1.9E-01	1.3E-07	1.0E-03	2.6E-11	1.6E-01	1.4E-02	5.7E-14

4.0E-01	1.2E-06	1.0E-03	5.1E-10	1.6E-01	1.4E-02	1.1E-12	1.8E-01	1.3E-07	1.0E-03	2.5E-11	1.6E-01	1.4E-02	5.3E-14
3.6E-01	1.2E-06	1.0E-03	4.6E-10	1.6E-01	1.4E-02	1.0E-12	1.7E-01	1.3E-07	1.0E-03	2.3E-11	1.6E-01	1.4E-02	5.0E-14
3.1E-01	1.2E-06	1.0E-03	4.0E-10	1.6E-01	1.4E-02	8.6E-13	1.5E-01	1.3E-07	1.0E-03	2.1E-11	1.6E-01	1.4E-02	4.5E-14
1.4E+01	1.2E-06	1.0E-03	1.8E-08	1.6E-01	1.4E-02	3.9E-11	2.2E+00	1.3E-07	1.0E-03	3.0E-10	1.6E-01	1.4E-02	6.6E-13
1.8E+01	1.2E-06	1.0E-03	2.4E-08	1.6E-01	1.4E-02	5.1E-11	2.2E+00	1.3E-07	1.0E-03	3.0E-10	1.6E-01	1.4E-02	6.4E-13
2.4E+01	1.2E-06	1.0E-03	3.1E-08	1.6E-01	1.4E-02	6.7E-11	2.1E+00	1.3E-07	1.0E-03	2.9E-10	1.6E-01	1.4E-02	6.3E-13
3.2E+01	1.2E-06	1.0E-03	4.1E-08	1.6E-01	1.4E-02	8.8E-11	2.1E+00	1.3E-07	1.0E-03	2.8E-10	1.6E-01	1.4E-02	6.1E-13
4.2E+01	1.2E-06	1.0E-03	5.5E-08	1.6E-01	1.4E-02	1.2E-10	2.0E+00	1.3E-07	1.0E-03	2.8E-10	1.6E-01	1.4E-02	6.0E-13
5.4E+01	1.2E-06	1.0E-03	6.9E-08	1.6E-01	1.4E-02	1.5E-10	1.9E+00	1.3E-07	1.0E-03	2.7E-10	1.6E-01	1.4E-02	5.8E-13
6.3E+01	1.2E-06	1.0E-03	8.1E-08	1.6E-01	1.4E-02	1.7E-10	1.9E+00	1.3E-07	1.0E-03	2.6E-10	1.6E-01	1.4E-02	5.6E-13
6.8E+01	1.2E-06	1.0E-03	8.8E-08	1.6E-01	1.4E-02	1.9E-10	1.8E+00	1.3E-07	1.0E-03	2.5E-10	1.6E-01	1.4E-02	5.4E-13
7.0E+01	1.2E-06	1.0E-03	9.0E-08	1.6E-01	1.4E-02	1.9E-10	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	1.4E-02	5.2E-13
6.8E+01	1.2E-06	1.0E-03	8.7E-08	1.6E-01	1.4E-02	1.9E-10	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	5.0E-13
6.1E+01	1.2E-06	1.0E-03	7.8E-08	1.6E-01	1.4E-02	1.7E-10	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.8E-13
5.1E+01	1.2E-06	1.0E-03	6.6E-08	1.6E-01	1.4E-02	1.4E-10	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.6E-13
4.2E+01	1.2E-06	1.0E-03	5.4E-08	1.6E-01	1.4E-02	1.2E-10	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.4E-13
3.5E+01	1.2E-06	1.0E-03	4.5E-08	1.6E-01	1.4E-02	9.6E-11	1.4E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.2E-13
2.9E+01	1.2E-06	1.0E-03	3.7E-08	1.6E-01	1.4E-02	7.9E-11	1.3E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	1.4E-02	4.0E-13
2.4E+01	1.2E-06	1.0E-03	3.1E-08	1.6E-01	1.4E-02	6.6E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.8E-13
2.0E+01	1.2E-06	1.0E-03	2.6E-08	1.6E-01	1.4E-02	5.6E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.7E-13
1.7E+01	1.2E-06	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.7E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.5E-13
1.5E+01	1.2E-06	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.0E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.3E-13
1.3E+01	1.2E-06	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.1E-13
1.1E+01	1.2E-06	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.0E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.0E-13
9.6E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.7E-11	9.5E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.8E-13
8.5E+00	1.2E-06	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11	9.1E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.7E-13
7.5E+00	1.2E-06	1.0E-03	9.7E-09	1.6E-01	1.4E-02	2.1E-11	8.7E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.6E-13
6.7E+00	1.2E-06	1.0E-03	8.6E-09	1.6E-01	1.4E-02	1.9E-11	8.3E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.5E-13
6.0E+00	1.2E-06	1.0E-03	7.8E-09	1.6E-01	1.4E-02	1.7E-11	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13
1.6E+01	1.2E-06	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.5E-11	2.0E+00	1.3E-07	1.0E-03	2.8E-10	1.6E-01	1.4E-02	6.1E-13
2.2E+01	1.2E-06	1.0E-03	2.8E-08	1.6E-01	1.4E-02	6.0E-11	2.0E+00	1.3E-07	1.0E-03	2.8E-10	1.6E-01	1.4E-02	6.0E-13
3.0E+01	1.2E-06	1.0E-03	3.9E-08	1.6E-01	1.4E-02	8.3E-11	2.0E+00	1.3E-07	1.0E-03	2.7E-10	1.6E-01	1.4E-02	5.8E-13
4.3E+01	1.2E-06	1.0E-03	5.5E-08	1.6E-01	1.4E-02	1.2E-10	1.9E+00	1.3E-07	1.0E-03	2.7E-10	1.6E-01	1.4E-02	5.7E-13
1.5E+01	1.2E-06	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.2E-11	1.9E+00	1.3E-07	1.0E-03	2.6E-10	1.6E-01	1.4E-02	5.6E-13
2.2E+01	1.2E-06	1.0E-03	2.8E-08	1.6E-01	1.4E-02	6.0E-11	1.8E+00	1.3E-07	1.0E-03	2.5E-10	1.6E-01	1.4E-02	5.4E-13
3.2E+01	1.2E-06	1.0E-03	4.1E-08	1.6E-01	1.4E-02	8.8E-11	1.8E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	1.4E-02	5.2E-13
4.6E+01	1.2E-06	1.0E-03	6.0E-08	1.6E-01	1.4E-02	1.3E-10	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	1.4E-02	5.1E-13
4.7E+01	1.2E-06	1.0E-03	6.1E-08	1.6E-01	1.4E-02	1.3E-10	1.6E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	4.9E-13
3.5E+01	1.2E-06	1.0E-03	4.5E-08	1.6E-01	1.4E-02	9.7E-11	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.7E-13
2.6E+01	1.2E-06	1.0E-03	3.4E-08	1.6E-01	1.4E-02	7.3E-11	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.5E-13
6.8E+01	1.2E-06	1.0E-03	8.8E-08	1.6E-01	1.4E-02	1.9E-10	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.4E-13
5.2E+01	1.2E-06	1.0E-03	6.7E-08	1.6E-01	1.4E-02	1.4E-10	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	1.4E-02	4.2E-13
4.0E+01	1.2E-06	1.0E-03	5.2E-08	1.6E-01	1.4E-02	1.1E-10	1.3E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	1.4E-02	4.0E-13
3.2E+01	1.2E-06	1.0E-03	4.1E-08	1.6E-01	1.4E-02	8.8E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.8E-13
2.6E+01	1.2E-06	1.0E-03	3.3E-08	1.6E-01	1.4E-02	7.1E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.7E-13
2.1E+01	1.2E-06	1.0E-03	2.7E-08	1.6E-01	1.4E-02	5.9E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.5E-13

1.8E+01	1.2E-06	1.0E-03	2.3E-08	1.6E-01	1.4E-02	4.9E-11	1.1E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.3E-13
1.5E+01	1.2E-06	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.1E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.2E-13
1.3E+01	1.2E-06	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.0E-13
1.1E+01	1.2E-06	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.0E-11	9.7E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.9E-13
9.6E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.8E-13
8.4E+00	1.2E-06	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11	8.8E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.6E-13
7.4E+00	1.2E-06	1.0E-03	9.6E-09	1.6E-01	1.4E-02	2.1E-11	8.4E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.5E-13
6.6E+00	1.2E-06	1.0E-03	8.5E-09	1.6E-01	1.4E-02	1.8E-11	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13
5.9E+00	1.2E-06	1.0E-03	7.6E-09	1.6E-01	1.4E-02	1.6E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13
1.8E+01	1.2E-06	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.0E-11	1.9E+00	1.3E-07	1.0E-03	2.6E-10	1.6E-01	1.4E-02	5.7E-13
2.5E+01	1.2E-06	1.0E-03	3.2E-08	1.6E-01	1.4E-02	6.9E-11	1.9E+00	1.3E-07	1.0E-03	2.6E-10	1.6E-01	1.4E-02	5.6E-13
3.7E+01	1.2E-06	1.0E-03	4.7E-08	1.6E-01	1.4E-02	1.0E-10	1.8E+00	1.3E-07	1.0E-03	2.5E-10	1.6E-01	1.4E-02	5.5E-13
5.7E+01	1.2E-06	1.0E-03	7.3E-08	1.6E-01	1.4E-02	1.6E-10	1.8E+00	1.3E-07	1.0E-03	2.5E-10	1.6E-01	1.4E-02	5.3E-13
1.8E+01	1.2E-06	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.0E-11	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	1.4E-02	5.2E-13
2.7E+01	1.2E-06	1.0E-03	3.5E-08	1.6E-01	1.4E-02	7.5E-11	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	1.4E-02	5.1E-13
4.4E+01	1.2E-06	1.0E-03	5.6E-08	1.6E-01	1.4E-02	1.2E-10	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	4.9E-13
0.0E+00	1.2E-06	1.0E-03	0.0E+00	1.6E-01	1.4E-02	0.0E+00	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.8E-13
0.0E+00	1.2E-06	1.0E-03	0.0E+00	1.6E-01	1.4E-02	0.0E+00	1.6E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.6E-13
4.3E+01	1.2E-06	1.0E-03	5.6E-08	1.6E-01	1.4E-02	1.2E-10	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.5E-13
3.0E+01	1.2E-06	1.0E-03	3.9E-08	1.6E-01	1.4E-02	8.4E-11	1.4E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.3E-13
2.2E+01	1.2E-06	1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.2E-11	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	1.4E-02	4.1E-13
6.1E+01	1.2E-06	1.0E-03	7.9E-08	1.6E-01	1.4E-02	1.7E-10	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	4.0E-13
4.4E+01	1.2E-06	1.0E-03	5.7E-08	1.6E-01	1.4E-02	1.2E-10	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.8E-13
3.4E+01	1.2E-06	1.0E-03	4.3E-08	1.6E-01	1.4E-02	9.4E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.7E-13
2.7E+01	1.2E-06	1.0E-03	3.4E-08	1.6E-01	1.4E-02	7.4E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.5E-13
2.2E+01	1.2E-06	1.0E-03	2.8E-08	1.6E-01	1.4E-02	6.0E-11	1.1E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.4E-13
1.8E+01	1.2E-06	1.0E-03	2.3E-08	1.6E-01	1.4E-02	4.9E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.2E-13
1.5E+01	1.2E-06	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.1E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.1E-13
1.3E+01	1.2E-06	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11	9.8E-01	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	2.9E-13
1.1E+01	1.2E-06	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.0E-11	9.4E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.8E-13
9.4E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11	9.0E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.7E-13
8.2E+00	1.2E-06	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11	8.6E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.5E-13
7.3E+00	1.2E-06	1.0E-03	9.4E-09	1.6E-01	1.4E-02	2.0E-11	8.2E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13
6.5E+00	1.2E-06	1.0E-03	8.3E-09	1.6E-01	1.4E-02	1.8E-11	7.8E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13
5.8E+00	1.2E-06	1.0E-03	7.4E-09	1.6E-01	1.4E-02	1.6E-11	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13
1.9E+01	1.2E-06	1.0E-03	2.4E-08	1.6E-01	1.4E-02	5.3E-11	1.8E+00	1.3E-07	1.0E-03	2.5E-10	1.6E-01	1.4E-02	5.3E-13
2.7E+01	1.2E-06	1.0E-03	3.5E-08	1.6E-01	1.4E-02	7.5E-11	1.8E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	1.4E-02	5.2E-13
4.1E+01	1.2E-06	1.0E-03	5.3E-08	1.6E-01	1.4E-02	1.1E-10	1.7E+00	1.3E-07	1.0E-03	2.4E-10	1.6E-01	1.4E-02	5.1E-13
1.3E+01	1.2E-06	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.6E-11	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	5.0E-13
2.0E+01	1.2E-06	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.5E-11	1.6E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	4.9E-13
3.1E+01	1.2E-06	1.0E-03	4.0E-08	1.6E-01	1.4E-02	8.6E-11	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.8E-13
0.0E+00	1.2E-06	1.0E-03	0.0E+00	1.6E-01	1.4E-02	0.0E+00	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.6E-13
0.0E+00	1.2E-06	1.0E-03	0.0E+00	1.6E-01	1.4E-02	0.0E+00	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.5E-13
0.0E+00	1.2E-06	1.0E-03	0.0E+00	1.6E-01	1.4E-02	0.0E+00	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.4E-13
5.0E+01	1.2E-06	1.0E-03	6.4E-08	1.6E-01	1.4E-02	1.4E-10	1.4E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.2E-13
3.2E+01	1.2E-06	1.0E-03	4.1E-08	1.6E-01	1.4E-02	8.9E-11	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	1.4E-02	4.1E-13

2.3E+01	1.2E-06	1.0E-03	3.0E-08	1.6E-01	1.4E-02	6.4E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.9E-13
6.8E+01	1.2E-06	1.0E-03	8.8E-08	1.6E-01	1.4E-02	1.9E-10	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.8E-13
4.6E+01	1.2E-06	1.0E-03	6.0E-08	1.6E-01	1.4E-02	1.3E-10	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.6E-13
3.4E+01	1.2E-06	1.0E-03	4.4E-08	1.6E-01	1.4E-02	9.5E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.5E-13
2.7E+01	1.2E-06	1.0E-03	3.4E-08	1.6E-01	1.4E-02	7.4E-11	1.1E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.4E-13
2.1E+01	1.2E-06	1.0E-03	2.8E-08	1.6E-01	1.4E-02	5.9E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.2E-13
1.8E+01	1.2E-06	1.0E-03	2.3E-08	1.6E-01	1.4E-02	4.9E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.1E-13
1.5E+01	1.2E-06	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.1E-11	9.9E-01	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.0E-13
1.2E+01	1.2E-06	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.4E-11	9.5E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.8E-13
1.1E+01	1.2E-06	1.0E-03	1.4E-08	1.6E-01	1.4E-02	2.9E-11	9.1E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.7E-13
9.2E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.5E-11	8.7E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.6E-13
8.0E+00	1.2E-06	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11	8.3E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.5E-13
7.0E+00	1.2E-06	1.0E-03	9.1E-09	1.6E-01	1.4E-02	2.0E-11	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13
6.3E+00	1.2E-06	1.0E-03	8.1E-09	1.6E-01	1.4E-02	1.7E-11	7.6E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13
5.6E+00	1.2E-06	1.0E-03	7.2E-09	1.6E-01	1.4E-02	1.6E-11	7.3E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13
1.9E+01	1.2E-06	1.0E-03	2.4E-08	1.6E-01	1.4E-02	5.3E-11	1.7E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	5.0E-13
2.7E+01	1.2E-06	1.0E-03	3.5E-08	1.6E-01	1.4E-02	7.6E-11	1.6E+00	1.3E-07	1.0E-03	2.3E-10	1.6E-01	1.4E-02	4.9E-13
4.2E+01	1.2E-06	1.0E-03	5.4E-08	1.6E-01	1.4E-02	1.2E-10	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.8E-13
1.3E+01	1.2E-06	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.7E-11	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.7E-13
2.0E+01	1.2E-06	1.0E-03	2.6E-08	1.6E-01	1.4E-02	5.5E-11	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.6E-13
2.1E+01	1.2E-06	1.0E-03	2.6E-08	1.6E-01	1.4E-02	5.7E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.1E-13
1.7E+01	1.2E-06	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.7E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.0E-13
1.4E+01	1.2E-06	1.0E-03	1.8E-08	1.6E-01	1.4E-02	3.9E-11	9.5E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.8E-13
1.2E+01	1.2E-06	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.7E-13
1.0E+01	1.2E-06	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.8E-11	8.8E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.6E-13
8.8E+00	1.2E-06	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11	8.4E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.5E-13
7.7E+00	1.2E-06	1.0E-03	9.9E-09	1.6E-01	1.4E-02	2.1E-11	8.1E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13
6.8E+00	1.2E-06	1.0E-03	8.7E-09	1.6E-01	1.4E-02	1.9E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13
6.0E+00	1.2E-06	1.0E-03	7.7E-09	1.6E-01	1.4E-02	1.7E-11	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13
5.4E+00	1.2E-06	1.0E-03	6.9E-09	1.6E-01	1.4E-02	1.5E-11	7.1E-01	1.3E-07	1.0E-03	9.8E-11	1.6E-01	1.4E-02	2.1E-13
1.8E+01	1.2E-06	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.0E-11	1.6E+00	1.3E-07	1.0E-03	2.2E-10	1.6E-01	1.4E-02	4.7E-13
2.6E+01	1.2E-06	1.0E-03	3.3E-08	1.6E-01	1.4E-02	7.1E-11	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.6E-13
3.8E+01	1.2E-06	1.0E-03	4.9E-08	1.6E-01	1.4E-02	1.0E-10	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.5E-13
1.2E+01	1.2E-06	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11	1.5E+00	1.3E-07	1.0E-03	2.1E-10	1.6E-01	1.4E-02	4.4E-13
1.8E+01	1.2E-06	1.0E-03	2.4E-08	1.6E-01	1.4E-02	5.1E-11	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.3E-13
1.9E+01	1.2E-06	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.3E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.0E-13
1.6E+01	1.2E-06	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.4E-11	9.6E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.9E-13
1.3E+01	1.2E-06	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.6E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.7E-13
1.1E+01	1.2E-06	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.1E-11	8.8E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.6E-13
9.6E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.7E-11	8.5E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.5E-13
8.3E+00	1.2E-06	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11	8.1E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13
7.3E+00	1.2E-06	1.0E-03	9.4E-09	1.6E-01	1.4E-02	2.0E-11	7.8E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13
6.4E+00	1.2E-06	1.0E-03	8.3E-09	1.6E-01	1.4E-02	1.8E-11	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13
5.7E+00	1.2E-06	1.0E-03	7.4E-09	1.6E-01	1.4E-02	1.6E-11	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.1E-13
5.1E+00	1.2E-06	1.0E-03	6.6E-09	1.6E-01	1.4E-02	1.4E-11	6.9E-01	1.3E-07	1.0E-03	9.6E-11	1.6E-01	1.4E-02	2.1E-13
1.6E+01	1.2E-06	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.6E-11	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.4E-13

2.2E+01	1.2E-06	1.0E-03	2.8E-08	1.6E-01	1.4E-02	6.1E-11	1.5E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.3E-13
3.1E+01	1.2E-06	1.0E-03	4.0E-08	1.6E-01	1.4E-02	8.6E-11	1.4E+00	1.3E-07	1.0E-03	2.0E-10	1.6E-01	1.4E-02	4.3E-13
4.5E+01	1.2E-06	1.0E-03	5.8E-08	1.6E-01	1.4E-02	1.2E-10	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	1.4E-02	4.2E-13
1.5E+01	1.2E-06	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.2E-11	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	1.4E-02	4.1E-13
1.7E+01	1.2E-06	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.8E-11	9.6E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.9E-13
1.4E+01	1.2E-06	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.0E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.8E-13
1.2E+01	1.2E-06	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.4E-11	8.9E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.6E-13
1.0E+01	1.2E-06	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.9E-11	8.5E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.5E-13
9.0E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.5E-11	8.2E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13
7.8E+00	1.2E-06	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13
6.9E+00	1.2E-06	1.0E-03	8.8E-09	1.6E-01	1.4E-02	1.9E-11	7.6E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13
6.1E+00	1.2E-06	1.0E-03	7.8E-09	1.6E-01	1.4E-02	1.7E-11	7.3E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13
5.4E+00	1.2E-06	1.0E-03	7.0E-09	1.6E-01	1.4E-02	1.5E-11	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	1.4E-02	2.1E-13
4.9E+00	1.2E-06	1.0E-03	6.2E-09	1.6E-01	1.4E-02	1.3E-11	6.7E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	1.4E-02	2.0E-13
1.5E+01	1.2E-06	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.0E-11	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	1.4E-02	4.2E-13
1.9E+01	1.2E-06	1.0E-03	2.4E-08	1.6E-01	1.4E-02	5.2E-11	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	1.4E-02	4.1E-13
2.5E+01	1.2E-06	1.0E-03	3.2E-08	1.6E-01	1.4E-02	6.9E-11	1.4E+00	1.3E-07	1.0E-03	1.9E-10	1.6E-01	1.4E-02	4.0E-13
3.3E+01	1.2E-06	1.0E-03	4.2E-08	1.6E-01	1.4E-02	9.1E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	4.0E-13
4.4E+01	1.2E-06	1.0E-03	5.6E-08	1.6E-01	1.4E-02	1.2E-10	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.9E-13
1.5E+01	1.2E-06	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.2E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.7E-13
1.3E+01	1.2E-06	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.6E-11	8.9E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.7E-13
1.1E+01	1.2E-06	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.1E-11	8.6E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.6E-13
9.6E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11	8.3E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.5E-13
8.3E+00	1.2E-06	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13
7.3E+00	1.2E-06	1.0E-03	9.4E-09	1.6E-01	1.4E-02	2.0E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13
6.4E+00	1.2E-06	1.0E-03	8.3E-09	1.6E-01	1.4E-02	1.8E-11	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13
5.7E+00	1.2E-06	1.0E-03	7.3E-09	1.6E-01	1.4E-02	1.6E-11	7.1E-01	1.3E-07	1.0E-03	9.8E-11	1.6E-01	1.4E-02	2.1E-13
5.1E+00	1.2E-06	1.0E-03	6.6E-09	1.6E-01	1.4E-02	1.4E-11	6.8E-01	1.3E-07	1.0E-03	9.4E-11	1.6E-01	1.4E-02	2.0E-13
4.6E+00	1.2E-06	1.0E-03	5.9E-09	1.6E-01	1.4E-02	1.3E-11	6.6E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	1.4E-02	2.0E-13
1.3E+01	1.2E-06	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.9E-13
1.6E+01	1.2E-06	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.3E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.9E-13
2.0E+01	1.2E-06	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.4E-11	1.3E+00	1.3E-07	1.0E-03	1.8E-10	1.6E-01	1.4E-02	3.8E-13
2.4E+01	1.2E-06	1.0E-03	3.1E-08	1.6E-01	1.4E-02	6.8E-11	1.3E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.8E-13
3.0E+01	1.2E-06	1.0E-03	3.9E-08	1.6E-01	1.4E-02	8.4E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.7E-13
1.3E+01	1.2E-06	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.7E-11	8.9E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.6E-13
1.2E+01	1.2E-06	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.2E-11	8.6E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.6E-13
1.0E+01	1.2E-06	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.8E-11	8.3E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.5E-13
8.7E+00	1.2E-06	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13
7.7E+00	1.2E-06	1.0E-03	9.9E-09	1.6E-01	1.4E-02	2.1E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13
6.8E+00	1.2E-06	1.0E-03	8.7E-09	1.6E-01	1.4E-02	1.9E-11	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13
6.0E+00	1.2E-06	1.0E-03	7.7E-09	1.6E-01	1.4E-02	1.7E-11	7.2E-01	1.3E-07	1.0E-03	9.9E-11	1.6E-01	1.4E-02	2.1E-13
5.3E+00	1.2E-06	1.0E-03	6.9E-09	1.6E-01	1.4E-02	1.5E-11	6.9E-01	1.3E-07	1.0E-03	9.5E-11	1.6E-01	1.4E-02	2.1E-13
4.8E+00	1.2E-06	1.0E-03	6.2E-09	1.6E-01	1.4E-02	1.3E-11	6.6E-01	1.3E-07	1.0E-03	9.2E-11	1.6E-01	1.4E-02	2.0E-13
4.3E+00	1.2E-06	1.0E-03	5.6E-09	1.6E-01	1.4E-02	1.2E-11	6.4E-01	1.3E-07	1.0E-03	8.9E-11	1.6E-01	1.4E-02	1.9E-13
1.1E+01	1.2E-06	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.0E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.7E-13
1.3E+01	1.2E-06	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.6E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.7E-13

1.6E+01	1.2E-06	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.4E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.6E-13
1.9E+01	1.2E-06	1.0E-03	2.4E-08	1.6E-01	1.4E-02	5.2E-11	1.2E+00	1.3E-07	1.0E-03	1.7E-10	1.6E-01	1.4E-02	3.6E-13
2.2E+01	1.2E-06	1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.2E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.5E-13
1.2E+01	1.2E-06	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11	8.5E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.5E-13
1.0E+01	1.2E-06	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.9E-11	8.3E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.5E-13
9.0E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.5E-11	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13
7.9E+00	1.2E-06	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13
7.0E+00	1.2E-06	1.0E-03	9.0E-09	1.6E-01	1.4E-02	1.9E-11	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13
6.2E+00	1.2E-06	1.0E-03	8.0E-09	1.6E-01	1.4E-02	1.7E-11	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.1E-13
5.6E+00	1.2E-06	1.0E-03	7.2E-09	1.6E-01	1.4E-02	1.5E-11	7.0E-01	1.3E-07	1.0E-03	9.6E-11	1.6E-01	1.4E-02	2.1E-13
5.0E+00	1.2E-06	1.0E-03	6.5E-09	1.6E-01	1.4E-02	1.4E-11	6.7E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	1.4E-02	2.0E-13
4.5E+00	1.2E-06	1.0E-03	5.8E-09	1.6E-01	1.4E-02	1.2E-11	6.5E-01	1.3E-07	1.0E-03	8.9E-11	1.6E-01	1.4E-02	1.9E-13
4.1E+00	1.2E-06	1.0E-03	5.3E-09	1.6E-01	1.4E-02	1.1E-11	6.2E-01	1.3E-07	1.0E-03	8.6E-11	1.6E-01	1.4E-02	1.9E-13
9.1E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.5E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.5E-13
1.1E+01	1.2E-06	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.0E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.5E-13
1.3E+01	1.2E-06	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11	1.2E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.4E-13
1.5E+01	1.2E-06	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.1E-11	1.1E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.4E-13
1.7E+01	1.2E-06	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.8E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.3E-13
1.0E+01	1.2E-06	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.9E-11	8.2E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.5E-13
9.1E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.5E-11	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13
8.1E+00	1.2E-06	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13
7.2E+00	1.2E-06	1.0E-03	9.3E-09	1.6E-01	1.4E-02	2.0E-11	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13
6.4E+00	1.2E-06	1.0E-03	8.3E-09	1.6E-01	1.4E-02	1.8E-11	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13
5.8E+00	1.2E-06	1.0E-03	7.4E-09	1.6E-01	1.4E-02	1.6E-11	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	1.4E-02	2.1E-13
5.2E+00	1.2E-06	1.0E-03	6.7E-09	1.6E-01	1.4E-02	1.4E-11	6.8E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	1.4E-02	2.0E-13
4.7E+00	1.2E-06	1.0E-03	6.0E-09	1.6E-01	1.4E-02	1.3E-11	6.5E-01	1.3E-07	1.0E-03	9.0E-11	1.6E-01	1.4E-02	1.9E-13
4.2E+00	1.2E-06	1.0E-03	5.5E-09	1.6E-01	1.4E-02	1.2E-11	6.3E-01	1.3E-07	1.0E-03	8.7E-11	1.6E-01	1.4E-02	1.9E-13
3.9E+00	1.2E-06	1.0E-03	5.0E-09	1.6E-01	1.4E-02	1.1E-11	6.1E-01	1.3E-07	1.0E-03	8.4E-11	1.6E-01	1.4E-02	1.8E-13
7.8E+00	1.2E-06	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11	1.1E+00	1.3E-07	1.0E-03	1.6E-10	1.6E-01	1.4E-02	3.3E-13
9.0E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.5E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.3E-13
1.0E+01	1.2E-06	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.9E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.3E-13
1.2E+01	1.2E-06	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.2E-13
1.4E+01	1.2E-06	1.0E-03	1.8E-08	1.6E-01	1.4E-02	3.8E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.2E-13
9.1E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.5E-11	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13
8.1E+00	1.2E-06	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.3E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13
7.3E+00	1.2E-06	1.0E-03	9.4E-09	1.6E-01	1.4E-02	2.0E-11	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13
6.6E+00	1.2E-06	1.0E-03	8.5E-09	1.6E-01	1.4E-02	1.8E-11	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13
5.9E+00	1.2E-06	1.0E-03	7.6E-09	1.6E-01	1.4E-02	1.6E-11	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	1.4E-02	2.1E-13
5.3E+00	1.2E-06	1.0E-03	6.9E-09	1.6E-01	1.4E-02	1.5E-11	6.8E-01	1.3E-07	1.0E-03	9.4E-11	1.6E-01	1.4E-02	2.0E-13
4.8E+00	1.2E-06	1.0E-03	6.2E-09	1.6E-01	1.4E-02	1.3E-11	6.6E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	1.4E-02	2.0E-13
4.4E+00	1.2E-06	1.0E-03	5.6E-09	1.6E-01	1.4E-02	1.2E-11	6.3E-01	1.3E-07	1.0E-03	8.8E-11	1.6E-01	1.4E-02	1.9E-13
4.0E+00	1.2E-06	1.0E-03	5.1E-09	1.6E-01	1.4E-02	1.1E-11	6.1E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	1.4E-02	1.8E-13
3.6E+00	1.2E-06	1.0E-03	4.7E-09	1.6E-01	1.4E-02	1.0E-11	5.9E-01	1.3E-07	1.0E-03	8.2E-11	1.6E-01	1.4E-02	1.8E-13
6.7E+00	1.2E-06	1.0E-03	8.7E-09	1.6E-01	1.4E-02	1.9E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.2E-13
7.7E+00	1.2E-06	1.0E-03	9.9E-09	1.6E-01	1.4E-02	2.1E-11	1.1E+00	1.3E-07	1.0E-03	1.5E-10	1.6E-01	1.4E-02	3.1E-13
8.8E+00	1.2E-06	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.1E-13

1.0E+01	1.2E-06	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.8E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.1E-13
1.1E+01	1.2E-06	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.1E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.0E-13
8.0E+00	1.2E-06	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13
7.3E+00	1.2E-06	1.0E-03	9.4E-09	1.6E-01	1.4E-02	2.0E-11	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13
6.6E+00	1.2E-06	1.0E-03	8.5E-09	1.6E-01	1.4E-02	1.8E-11	7.2E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.1E-13
6.0E+00	1.2E-06	1.0E-03	7.7E-09	1.6E-01	1.4E-02	1.7E-11	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	1.4E-02	2.1E-13
5.4E+00	1.2E-06	1.0E-03	7.0E-09	1.6E-01	1.4E-02	1.5E-11	6.8E-01	1.3E-07	1.0E-03	9.4E-11	1.6E-01	1.4E-02	2.0E-13
4.9E+00	1.2E-06	1.0E-03	6.4E-09	1.6E-01	1.4E-02	1.4E-11	6.6E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	1.4E-02	2.0E-13
4.5E+00	1.2E-06	1.0E-03	5.8E-09	1.6E-01	1.4E-02	1.2E-11	6.4E-01	1.3E-07	1.0E-03	8.8E-11	1.6E-01	1.4E-02	1.9E-13
4.1E+00	1.2E-06	1.0E-03	5.3E-09	1.6E-01	1.4E-02	1.1E-11	6.2E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	1.4E-02	1.8E-13
3.8E+00	1.2E-06	1.0E-03	4.8E-09	1.6E-01	1.4E-02	1.0E-11	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	1.4E-02	1.8E-13
3.4E+00	1.2E-06	1.0E-03	4.4E-09	1.6E-01	1.4E-02	9.5E-12	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	1.4E-02	1.7E-13
5.9E+00	1.2E-06	1.0E-03	7.6E-09	1.6E-01	1.4E-02	1.6E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.0E-13
6.6E+00	1.2E-06	1.0E-03	8.5E-09	1.6E-01	1.4E-02	1.8E-11	1.0E+00	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.0E-13
7.4E+00	1.2E-06	1.0E-03	9.5E-09	1.6E-01	1.4E-02	2.1E-11	9.9E-01	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	3.0E-13
8.3E+00	1.2E-06	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11	9.8E-01	1.3E-07	1.0E-03	1.4E-10	1.6E-01	1.4E-02	2.9E-13
9.2E+00	1.2E-06	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11	9.7E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.9E-13
7.1E+00	1.2E-06	1.0E-03	9.2E-09	1.6E-01	1.4E-02	2.0E-11	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13
6.6E+00	1.2E-06	1.0E-03	8.4E-09	1.6E-01	1.4E-02	1.8E-11	7.2E-01	1.3E-07	1.0E-03	9.9E-11	1.6E-01	1.4E-02	2.1E-13
6.0E+00	1.2E-06	1.0E-03	7.7E-09	1.6E-01	1.4E-02	1.7E-11	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	1.4E-02	2.1E-13
5.5E+00	1.2E-06	1.0E-03	7.0E-09	1.6E-01	1.4E-02	1.5E-11	6.8E-01	1.3E-07	1.0E-03	9.4E-11	1.6E-01	1.4E-02	2.0E-13
5.0E+00	1.2E-06	1.0E-03	6.4E-09	1.6E-01	1.4E-02	1.4E-11	6.6E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	1.4E-02	2.0E-13
4.6E+00	1.2E-06	1.0E-03	5.9E-09	1.6E-01	1.4E-02	1.3E-11	6.4E-01	1.3E-07	1.0E-03	8.8E-11	1.6E-01	1.4E-02	1.9E-13
4.2E+00	1.2E-06	1.0E-03	5.4E-09	1.6E-01	1.4E-02	1.2E-11	6.2E-01	1.3E-07	1.0E-03	8.6E-11	1.6E-01	1.4E-02	1.8E-13
3.8E+00	1.2E-06	1.0E-03	5.0E-09	1.6E-01	1.4E-02	1.1E-11	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	1.4E-02	1.8E-13
3.5E+00	1.2E-06	1.0E-03	4.5E-09	1.6E-01	1.4E-02	9.8E-12	5.8E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	1.4E-02	1.7E-13
3.2E+00	1.2E-06	1.0E-03	4.2E-09	1.6E-01	1.4E-02	9.0E-12	5.6E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	1.4E-02	1.7E-13
5.2E+00	1.2E-06	1.0E-03	6.7E-09	1.6E-01	1.4E-02	1.4E-11	9.7E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.9E-13
5.8E+00	1.2E-06	1.0E-03	7.4E-09	1.6E-01	1.4E-02	1.6E-11	9.6E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.9E-13
6.4E+00	1.2E-06	1.0E-03	8.3E-09	1.6E-01	1.4E-02	1.8E-11	9.5E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.8E-13
7.1E+00	1.2E-06	1.0E-03	9.1E-09	1.6E-01	1.4E-02	2.0E-11	9.4E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.8E-13
7.8E+00	1.2E-06	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.1E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.7E-13
6.4E+00	1.2E-06	1.0E-03	8.2E-09	1.6E-01	1.4E-02	1.8E-11	7.1E-01	1.3E-07	1.0E-03	9.9E-11	1.6E-01	1.4E-02	2.1E-13
5.9E+00	1.2E-06	1.0E-03	7.6E-09	1.6E-01	1.4E-02	1.6E-11	6.9E-01	1.3E-07	1.0E-03	9.6E-11	1.6E-01	1.4E-02	2.1E-13
5.4E+00	1.2E-06	1.0E-03	7.0E-09	1.6E-01	1.4E-02	1.5E-11	6.7E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	1.4E-02	2.0E-13
5.0E+00	1.2E-06	1.0E-03	6.4E-09	1.6E-01	1.4E-02	1.4E-11	6.6E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	1.4E-02	2.0E-13
4.6E+00	1.2E-06	1.0E-03	5.9E-09	1.6E-01	1.4E-02	1.3E-11	6.4E-01	1.3E-07	1.0E-03	8.8E-11	1.6E-01	1.4E-02	1.9E-13
4.2E+00	1.2E-06	1.0E-03	5.4E-09	1.6E-01	1.4E-02	1.2E-11	6.2E-01	1.3E-07	1.0E-03	8.6E-11	1.6E-01	1.4E-02	1.8E-13
3.9E+00	1.2E-06	1.0E-03	5.0E-09	1.6E-01	1.4E-02	1.1E-11	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	1.4E-02	1.8E-13
3.6E+00	1.2E-06	1.0E-03	4.6E-09	1.6E-01	1.4E-02	1.0E-11	5.8E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	1.4E-02	1.7E-13
3.3E+00	1.2E-06	1.0E-03	4.3E-09	1.6E-01	1.4E-02	9.2E-12	5.7E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	1.4E-02	1.7E-13
3.0E+00	1.2E-06	1.0E-03	3.9E-09	1.6E-01	1.4E-02	8.4E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	1.4E-02	1.6E-13
4.6E+00	1.2E-06	1.0E-03	5.9E-09	1.6E-01	1.4E-02	1.3E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.8E-13
5.1E+00	1.2E-06	1.0E-03	6.5E-09	1.6E-01	1.4E-02	1.4E-11	9.2E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.7E-13
5.6E+00	1.2E-06	1.0E-03	7.2E-09	1.6E-01	1.4E-02	1.6E-11	9.0E-01	1.3E-07	1.0E-03	1.3E-10	1.6E-01	1.4E-02	2.7E-13
6.1E+00	1.2E-06	1.0E-03	7.9E-09	1.6E-01	1.4E-02	1.7E-11	8.9E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.7E-13

6.6E+00	1.2E-06	1.0E-03	8.5E-09	1.6E-01	1.4E-02	1.8E-11	8.8E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.6E-13
5.7E+00	1.2E-06	1.0E-03	7.4E-09	1.6E-01	1.4E-02	1.6E-11	6.9E-01	1.3E-07	1.0E-03	9.5E-11	1.6E-01	1.4E-02	2.1E-13
5.3E+00	1.2E-06	1.0E-03	6.9E-09	1.6E-01	1.4E-02	1.5E-11	6.7E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	1.4E-02	2.0E-13
4.9E+00	1.2E-06	1.0E-03	6.4E-09	1.6E-01	1.4E-02	1.4E-11	6.5E-01	1.3E-07	1.0E-03	9.0E-11	1.6E-01	1.4E-02	1.9E-13
4.6E+00	1.2E-06	1.0E-03	5.9E-09	1.6E-01	1.4E-02	1.3E-11	6.3E-01	1.3E-07	1.0E-03	8.8E-11	1.6E-01	1.4E-02	1.9E-13
4.2E+00	1.2E-06	1.0E-03	5.4E-09	1.6E-01	1.4E-02	1.2E-11	6.1E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	1.4E-02	1.8E-13
3.8E+00	1.2E-06	1.0E-03	5.0E-09	1.6E-01	1.4E-02	1.1E-11	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	1.4E-02	1.8E-13
3.6E+00	1.2E-06	1.0E-03	4.6E-09	1.6E-01	1.4E-02	9.9E-12	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	1.4E-02	1.7E-13
3.3E+00	1.2E-06	1.0E-03	4.3E-09	1.6E-01	1.4E-02	9.2E-12	5.6E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	1.4E-02	1.7E-13
3.1E+00	1.2E-06	1.0E-03	4.0E-09	1.6E-01	1.4E-02	8.5E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	1.4E-02	1.6E-13
2.8E+00	1.2E-06	1.0E-03	3.7E-09	1.6E-01	1.4E-02	7.9E-12	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	1.4E-02	1.6E-13
4.1E+00	1.2E-06	1.0E-03	5.3E-09	1.6E-01	1.4E-02	1.1E-11	8.8E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.6E-13
4.5E+00	1.2E-06	1.0E-03	5.8E-09	1.6E-01	1.4E-02	1.2E-11	8.7E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.6E-13
4.9E+00	1.2E-06	1.0E-03	6.3E-09	1.6E-01	1.4E-02	1.4E-11	8.6E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.6E-13
5.3E+00	1.2E-06	1.0E-03	6.9E-09	1.6E-01	1.4E-02	1.5E-11	8.5E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.5E-13
5.7E+00	1.2E-06	1.0E-03	7.4E-09	1.6E-01	1.4E-02	1.6E-11	8.4E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.5E-13
4.9E+00	1.2E-06	1.0E-03	6.2E-09	1.6E-01	1.4E-02	1.3E-11	6.5E-01	1.3E-07	1.0E-03	9.0E-11	1.6E-01	1.4E-02	1.9E-13
4.5E+00	1.2E-06	1.0E-03	5.8E-09	1.6E-01	1.4E-02	1.3E-11	6.3E-01	1.3E-07	1.0E-03	8.7E-11	1.6E-01	1.4E-02	1.9E-13
4.2E+00	1.2E-06	1.0E-03	5.4E-09	1.6E-01	1.4E-02	1.2E-11	6.1E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	1.4E-02	1.8E-13
3.8E+00	1.2E-06	1.0E-03	4.8E-09	1.6E-01	1.4E-02	1.0E-11	5.9E-01	1.3E-07	1.0E-03	8.2E-11	1.6E-01	1.4E-02	1.8E-13
3.5E+00	1.2E-06	1.0E-03	4.5E-09	1.6E-01	1.4E-02	9.6E-12	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	1.4E-02	1.7E-13
3.2E+00	1.2E-06	1.0E-03	4.2E-09	1.6E-01	1.4E-02	9.0E-12	5.6E-01	1.3E-07	1.0E-03	7.7E-11	1.6E-01	1.4E-02	1.7E-13
3.0E+00	1.2E-06	1.0E-03	3.9E-09	1.6E-01	1.4E-02	8.4E-12	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	1.4E-02	1.6E-13
2.8E+00	1.2E-06	1.0E-03	3.6E-09	1.6E-01	1.4E-02	7.8E-12	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	1.4E-02	1.6E-13
2.6E+00	1.2E-06	1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.3E-12	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	1.4E-02	1.5E-13
3.7E+00	1.2E-06	1.0E-03	4.7E-09	1.6E-01	1.4E-02	1.0E-11	8.4E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.5E-13
4.0E+00	1.2E-06	1.0E-03	5.2E-09	1.6E-01	1.4E-02	1.1E-11	8.4E-01	1.3E-07	1.0E-03	1.2E-10	1.6E-01	1.4E-02	2.5E-13
4.3E+00	1.2E-06	1.0E-03	5.6E-09	1.6E-01	1.4E-02	1.2E-11	8.3E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.5E-13
4.7E+00	1.2E-06	1.0E-03	6.0E-09	1.6E-01	1.4E-02	1.3E-11	8.2E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13
5.0E+00	1.2E-06	1.0E-03	6.4E-09	1.6E-01	1.4E-02	1.4E-11	8.1E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13
4.2E+00	1.2E-06	1.0E-03	5.4E-09	1.6E-01	1.4E-02	1.2E-11	6.1E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	1.4E-02	1.8E-13
3.9E+00	1.2E-06	1.0E-03	5.0E-09	1.6E-01	1.4E-02	1.1E-11	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	1.4E-02	1.8E-13
3.6E+00	1.2E-06	1.0E-03	4.6E-09	1.6E-01	1.4E-02	9.9E-12	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	1.4E-02	1.7E-13
3.3E+00	1.2E-06	1.0E-03	4.3E-09	1.6E-01	1.4E-02	9.3E-12	5.6E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	1.4E-02	1.7E-13
3.1E+00	1.2E-06	1.0E-03	4.0E-09	1.6E-01	1.4E-02	8.6E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	1.4E-02	1.6E-13
2.9E+00	1.2E-06	1.0E-03	3.7E-09	1.6E-01	1.4E-02	8.0E-12	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	1.4E-02	1.6E-13
2.7E+00	1.2E-06	1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.4E-12	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	1.4E-02	1.5E-13
2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	1.4E-02	6.8E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	1.4E-02	1.5E-13
3.3E+00	1.2E-06	1.0E-03	4.3E-09	1.6E-01	1.4E-02	9.2E-12	8.1E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13
3.6E+00	1.2E-06	1.0E-03	4.6E-09	1.6E-01	1.4E-02	1.0E-11	8.0E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13
3.9E+00	1.2E-06	1.0E-03	5.0E-09	1.6E-01	1.4E-02	1.1E-11	7.9E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.4E-13
4.1E+00	1.2E-06	1.0E-03	5.3E-09	1.6E-01	1.4E-02	1.1E-11	7.8E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13
4.4E+00	1.2E-06	1.0E-03	5.7E-09	1.6E-01	1.4E-02	1.2E-11	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13
3.6E+00	1.2E-06	1.0E-03	4.7E-09	1.6E-01	1.4E-02	1.0E-11	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	1.4E-02	1.7E-13
3.4E+00	1.2E-06	1.0E-03	4.4E-09	1.6E-01	1.4E-02	9.5E-12	5.7E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	1.4E-02	1.7E-13
3.2E+00	1.2E-06	1.0E-03	4.1E-09	1.6E-01	1.4E-02	8.9E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	1.4E-02	1.6E-13

3.0E+00	1.2E-06	1.0E-03	3.9E-09	1.6E-01	1.4E-02	8.3E-12	5.4E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	1.4E-02	1.6E-13
2.8E+00	1.2E-06	1.0E-03	3.6E-09	1.6E-01	1.4E-02	7.8E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	1.4E-02	1.6E-13
2.6E+00	1.2E-06	1.0E-03	3.3E-09	1.6E-01	1.4E-02	7.2E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	1.4E-02	1.5E-13
2.4E+00	1.2E-06	1.0E-03	3.1E-09	1.6E-01	1.4E-02	6.6E-12	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	1.4E-02	1.5E-13
3.0E+00	1.2E-06	1.0E-03	3.9E-09	1.6E-01	1.4E-02	8.4E-12	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13
3.3E+00	1.2E-06	1.0E-03	4.2E-09	1.6E-01	1.4E-02	9.0E-12	7.7E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13
3.5E+00	1.2E-06	1.0E-03	4.5E-09	1.6E-01	1.4E-02	9.6E-12	7.6E-01	1.3E-07	1.0E-03	1.1E-10	1.6E-01	1.4E-02	2.3E-13
3.7E+00	1.2E-06	1.0E-03	4.8E-09	1.6E-01	1.4E-02	1.0E-11	7.5E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13
3.9E+00	1.2E-06	1.0E-03	5.0E-09	1.6E-01	1.4E-02	1.1E-11	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13
3.2E+00	1.2E-06	1.0E-03	4.1E-09	1.6E-01	1.4E-02	8.8E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	1.4E-02	1.6E-13
3.0E+00	1.2E-06	1.0E-03	3.9E-09	1.6E-01	1.4E-02	8.4E-12	5.4E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	1.4E-02	1.6E-13
2.8E+00	1.2E-06	1.0E-03	3.6E-09	1.6E-01	1.4E-02	7.8E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	1.4E-02	1.6E-13
2.7E+00	1.2E-06	1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.4E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	1.4E-02	1.5E-13
2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	1.4E-02	6.9E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	1.4E-02	1.5E-13
2.3E+00	1.2E-06	1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.4E-12	4.8E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	1.4E-02	1.4E-13
2.7E+00	1.2E-06	1.0E-03	3.5E-09	1.6E-01	1.4E-02	7.6E-12	7.4E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13
2.9E+00	1.2E-06	1.0E-03	3.8E-09	1.6E-01	1.4E-02	8.2E-12	7.3E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13
3.1E+00	1.2E-06	1.0E-03	4.0E-09	1.6E-01	1.4E-02	8.7E-12	7.3E-01	1.3E-07	1.0E-03	1.0E-10	1.6E-01	1.4E-02	2.2E-13
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3.5E+00	1.2E-06	1.0E-03	4.5E-09	1.6E-01	1.4E-02	9.7E-12	7.1E-01	1.3E-07	1.0E-03	9.9E-11	1.6E-01	1.4E-02	2.1E-13
3.0E+00	1.2E-06	1.0E-03	3.8E-09	1.6E-01	1.4E-02	8.2E-12	5.3E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	1.4E-02	1.6E-13
2.8E+00	1.2E-06	1.0E-03	3.6E-09	1.6E-01	1.4E-02	7.8E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	1.4E-02	1.6E-13
2.7E+00	1.2E-06	1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.4E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	1.4E-02	1.5E-13
2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	1.4E-02	7.0E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	1.4E-02	1.5E-13
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2.7E+00	1.2E-06	1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.4E-12	7.0E-01	1.3E-07	1.0E-03	9.8E-11	1.6E-01	1.4E-02	2.1E-13
2.8E+00	1.2E-06	1.0E-03	3.7E-09	1.6E-01	1.4E-02	7.9E-12	7.0E-01	1.3E-07	1.0E-03	9.7E-11	1.6E-01	1.4E-02	2.1E-13
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2.8E+00	1.2E-06	1.0E-03	3.6E-09	1.6E-01	1.4E-02	7.7E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	1.4E-02	1.5E-13
2.6E+00	1.2E-06	1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.3E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	1.4E-02	1.5E-13
2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	1.4E-02	7.0E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	1.4E-02	1.5E-13
2.4E+00	1.2E-06	1.0E-03	3.1E-09	1.6E-01	1.4E-02	6.6E-12	4.8E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	1.4E-02	1.4E-13
2.2E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.2E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	1.4E-02	1.4E-13
2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.9E-12	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	1.4E-02	1.4E-13
2.3E+00	1.2E-06	1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.4E-12	6.8E-01	1.3E-07	1.0E-03	9.4E-11	1.6E-01	1.4E-02	2.0E-13
2.4E+00	1.2E-06	1.0E-03	3.1E-09	1.6E-01	1.4E-02	6.8E-12	6.8E-01	1.3E-07	1.0E-03	9.4E-11	1.6E-01	1.4E-02	2.0E-13
2.6E+00	1.2E-06	1.0E-03	3.3E-09	1.6E-01	1.4E-02	7.2E-12	6.7E-01	1.3E-07	1.0E-03	9.3E-11	1.6E-01	1.4E-02	2.0E-13
2.7E+00	1.2E-06	1.0E-03	3.5E-09	1.6E-01	1.4E-02	7.5E-12	6.7E-01	1.3E-07	1.0E-03	9.2E-11	1.6E-01	1.4E-02	2.0E-13
2.8E+00	1.2E-06	1.0E-03	3.7E-09	1.6E-01	1.4E-02	7.9E-12	6.6E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	1.4E-02	2.0E-13
2.6E+00	1.2E-06	1.0E-03	3.3E-09	1.6E-01	1.4E-02	7.2E-12	5.0E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	1.4E-02	1.5E-13
2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	1.4E-02	6.9E-12	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	1.4E-02	1.5E-13
2.4E+00	1.2E-06	1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.5E-12	4.8E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	1.4E-02	1.4E-13
2.2E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.2E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	1.4E-02	1.4E-13

2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.9E-12	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	1.4E-02	1.4E-13
2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.6E-12	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	1.4E-02	1.3E-13
2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.9E-12	6.5E-01	1.3E-07	1.0E-03	9.1E-11	1.6E-01	1.4E-02	2.0E-13
2.2E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.2E-12	6.5E-01	1.3E-07	1.0E-03	9.0E-11	1.6E-01	1.4E-02	1.9E-13
2.4E+00	1.2E-06	1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.5E-12	6.5E-01	1.3E-07	1.0E-03	8.9E-11	1.6E-01	1.4E-02	1.9E-13
2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	1.4E-02	6.9E-12	6.4E-01	1.3E-07	1.0E-03	8.9E-11	1.6E-01	1.4E-02	1.9E-13
2.6E+00	1.2E-06	1.0E-03	3.3E-09	1.6E-01	1.4E-02	7.2E-12	6.3E-01	1.3E-07	1.0E-03	8.8E-11	1.6E-01	1.4E-02	1.9E-13
2.4E+00	1.2E-06	1.0E-03	3.1E-09	1.6E-01	1.4E-02	6.7E-12	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	1.4E-02	1.5E-13
2.3E+00	1.2E-06	1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.4E-12	4.8E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	1.4E-02	1.4E-13
2.2E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.2E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	1.4E-02	1.4E-13
2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.9E-12	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	1.4E-02	1.4E-13
2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.6E-12	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	1.4E-02	1.3E-13
1.9E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.3E-12	4.4E-01	1.3E-07	1.0E-03	6.1E-11	1.6E-01	1.4E-02	1.3E-13
2.0E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.4E-12	6.3E-01	1.3E-07	1.0E-03	8.7E-11	1.6E-01	1.4E-02	1.9E-13
2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.7E-12	6.3E-01	1.3E-07	1.0E-03	8.7E-11	1.6E-01	1.4E-02	1.9E-13
2.2E+00	1.2E-06	1.0E-03	2.8E-09	1.6E-01	1.4E-02	6.0E-12	6.2E-01	1.3E-07	1.0E-03	8.6E-11	1.6E-01	1.4E-02	1.8E-13
2.3E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.3E-12	6.2E-01	1.3E-07	1.0E-03	8.5E-11	1.6E-01	1.4E-02	1.8E-13
2.4E+00	1.2E-06	1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.5E-12	6.1E-01	1.3E-07	1.0E-03	8.4E-11	1.6E-01	1.4E-02	1.8E-13
2.4E+00	1.2E-06	1.0E-03	3.1E-09	1.6E-01	1.4E-02	6.8E-12	6.0E-01	1.3E-07	1.0E-03	8.4E-11	1.6E-01	1.4E-02	1.8E-13
2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	1.4E-02	7.0E-12	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	1.4E-02	1.8E-13
2.6E+00	1.2E-06	1.0E-03	3.3E-09	1.6E-01	1.4E-02	7.2E-12	5.9E-01	1.3E-07	1.0E-03	8.2E-11	1.6E-01	1.4E-02	1.8E-13
2.6E+00	1.2E-06	1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.3E-12	5.8E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	1.4E-02	1.7E-13
2.7E+00	1.2E-06	1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.4E-12	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	1.4E-02	1.7E-13
2.7E+00	1.2E-06	1.0E-03	3.5E-09	1.6E-01	1.4E-02	7.5E-12	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	1.4E-02	1.7E-13
2.7E+00	1.2E-06	1.0E-03	3.5E-09	1.6E-01	1.4E-02	7.5E-12	5.6E-01	1.3E-07	1.0E-03	7.7E-11	1.6E-01	1.4E-02	1.7E-13
2.7E+00	1.2E-06	1.0E-03	3.5E-09	1.6E-01	1.4E-02	7.5E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	1.4E-02	1.6E-13
2.7E+00	1.2E-06	1.0E-03	3.5E-09	1.6E-01	1.4E-02	7.4E-12	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	1.4E-02	1.6E-13
2.7E+00	1.2E-06	1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.4E-12	5.3E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	1.4E-02	1.6E-13
2.6E+00	1.2E-06	1.0E-03	3.4E-09	1.6E-01	1.4E-02	7.2E-12	5.2E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	1.4E-02	1.6E-13
2.6E+00	1.2E-06	1.0E-03	3.3E-09	1.6E-01	1.4E-02	7.1E-12	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	1.4E-02	1.5E-13
2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	1.4E-02	6.9E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	1.4E-02	1.5E-13
2.4E+00	1.2E-06	1.0E-03	3.1E-09	1.6E-01	1.4E-02	6.7E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	1.4E-02	1.5E-13
2.3E+00	1.2E-06	1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.5E-12	4.9E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	1.4E-02	1.4E-13
2.3E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.3E-12	4.8E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	1.4E-02	1.4E-13
2.2E+00	1.2E-06	1.0E-03	2.8E-09	1.6E-01	1.4E-02	6.1E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	1.4E-02	1.4E-13
2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.8E-12	4.6E-01	1.3E-07	1.0E-03	6.3E-11	1.6E-01	1.4E-02	1.4E-13
2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.6E-12	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	1.4E-02	1.3E-13
1.9E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.3E-12	4.4E-01	1.3E-07	1.0E-03	6.1E-11	1.6E-01	1.4E-02	1.3E-13
1.8E+00	1.2E-06	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.1E-12	4.3E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	1.4E-02	1.3E-13
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	6.1E-01	1.3E-07	1.0E-03	8.4E-11	1.6E-01	1.4E-02	1.8E-13
1.9E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.3E-12	6.0E-01	1.3E-07	1.0E-03	8.3E-11	1.6E-01	1.4E-02	1.8E-13
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2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.8E-12	5.9E-01	1.3E-07	1.0E-03	8.2E-11	1.6E-01	1.4E-02	1.8E-13
2.2E+00	1.2E-06	1.0E-03	2.8E-09	1.6E-01	1.4E-02	6.0E-12	5.9E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	1.4E-02	1.8E-13
2.2E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.2E-12	5.8E-01	1.3E-07	1.0E-03	8.1E-11	1.6E-01	1.4E-02	1.7E-13
2.3E+00	1.2E-06	1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.4E-12	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	1.4E-02	1.7E-13

2.4E+00	1.2E-06	1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.6E-12	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	1.4E-02	1.7E-13
2.4E+00	1.2E-06	1.0E-03	3.1E-09	1.6E-01	1.4E-02	6.7E-12	5.6E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	1.4E-02	1.7E-13
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2.5E+00	1.2E-06	1.0E-03	3.2E-09	1.6E-01	1.4E-02	6.8E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	1.4E-02	1.6E-13
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2.3E+00	1.2E-06	1.0E-03	3.0E-09	1.6E-01	1.4E-02	6.4E-12	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	1.4E-02	1.5E-13
2.3E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.3E-12	4.8E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	1.4E-02	1.4E-13
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1.9E+00	1.2E-06	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.3E-12	4.4E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	1.4E-02	1.3E-13
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	4.3E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	1.4E-02	1.3E-13
1.7E+00	1.2E-06	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.8E-12	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	1.4E-02	1.2E-13
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1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	1.4E-02	4.9E-12	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	1.4E-02	1.7E-13
1.8E+00	1.2E-06	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.1E-12	5.8E-01	1.3E-07	1.0E-03	8.0E-11	1.6E-01	1.4E-02	1.7E-13
1.9E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.3E-12	5.7E-01	1.3E-07	1.0E-03	7.9E-11	1.6E-01	1.4E-02	1.7E-13
2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.5E-12	5.7E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	1.4E-02	1.7E-13
2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.7E-12	5.6E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	1.4E-02	1.7E-13
2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.9E-12	5.6E-01	1.3E-07	1.0E-03	7.7E-11	1.6E-01	1.4E-02	1.7E-13
2.2E+00	1.2E-06	1.0E-03	2.8E-09	1.6E-01	1.4E-02	6.0E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	1.4E-02	1.6E-13
2.2E+00	1.2E-06	1.0E-03	2.8E-09	1.6E-01	1.4E-02	6.1E-12	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	1.4E-02	1.6E-13
2.2E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.2E-12	5.4E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	1.4E-02	1.6E-13
2.3E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.3E-12	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	1.4E-02	1.6E-13
2.3E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.3E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	1.4E-02	1.6E-13
2.3E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.3E-12	5.2E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	1.4E-02	1.5E-13
2.3E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.3E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	1.4E-02	1.5E-13
2.3E+00	1.2E-06	1.0E-03	2.9E-09	1.6E-01	1.4E-02	6.3E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	1.4E-02	1.5E-13
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2.2E+00	1.2E-06	1.0E-03	2.8E-09	1.6E-01	1.4E-02	6.0E-12	4.8E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	1.4E-02	1.4E-13
2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.8E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	1.4E-02	1.4E-13
2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.7E-12	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	1.4E-02	1.4E-13
2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.5E-12	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	1.4E-02	1.3E-13
1.9E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.3E-12	4.4E-01	1.3E-07	1.0E-03	6.1E-11	1.6E-01	1.4E-02	1.3E-13
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1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	4.2E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	1.4E-02	1.3E-13
1.7E+00	1.2E-06	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.8E-12	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	1.4E-02	1.2E-13
1.7E+00	1.2E-06	1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.6E-12	4.1E-01	1.3E-07	1.0E-03	5.6E-11	1.6E-01	1.4E-02	1.2E-13
1.6E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.4E-12	5.6E-01	1.3E-07	1.0E-03	7.8E-11	1.6E-01	1.4E-02	1.7E-13

1.6E+00	1.2E-06	1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.5E-12	5.6E-01	1.3E-07	1.0E-03	7.7E-11	1.6E-01	1.4E-02	1.7E-13
1.7E+00	1.2E-06	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.7E-12	5.5E-01	1.3E-07	1.0E-03	7.7E-11	1.6E-01	1.4E-02	1.7E-13
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	1.4E-02	4.9E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	1.4E-02	1.6E-13
1.8E+00	1.2E-06	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.1E-12	5.5E-01	1.3E-07	1.0E-03	7.6E-11	1.6E-01	1.4E-02	1.6E-13
1.9E+00	1.2E-06	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.3E-12	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	1.4E-02	1.6E-13
2.0E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.4E-12	5.4E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	1.4E-02	1.6E-13
2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.5E-12	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	1.4E-02	1.6E-13
2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.6E-12	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	1.4E-02	1.6E-13
2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.7E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	1.4E-02	1.5E-13
2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.8E-12	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	1.4E-02	1.5E-13
2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.8E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	1.4E-02	1.5E-13
2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.8E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	1.4E-02	1.5E-13
2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.8E-12	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	1.4E-02	1.5E-13
2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.8E-12	4.9E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	1.4E-02	1.4E-13
2.1E+00	1.2E-06	1.0E-03	2.7E-09	1.6E-01	1.4E-02	5.7E-12	4.8E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	1.4E-02	1.4E-13
2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.7E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	1.4E-02	1.4E-13
2.0E+00	1.2E-06	1.0E-03	2.6E-09	1.6E-01	1.4E-02	5.6E-12	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	1.4E-02	1.4E-13
2.0E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.5E-12	4.5E-01	1.3E-07	1.0E-03	6.3E-11	1.6E-01	1.4E-02	1.4E-13
1.9E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.3E-12	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	1.4E-02	1.3E-13
1.9E+00	1.2E-06	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.2E-12	4.4E-01	1.3E-07	1.0E-03	6.1E-11	1.6E-01	1.4E-02	1.3E-13
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	4.3E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	1.4E-02	1.3E-13
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	1.4E-02	4.9E-12	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	1.4E-02	1.3E-13
1.7E+00	1.2E-06	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.7E-12	4.1E-01	1.3E-07	1.0E-03	5.7E-11	1.6E-01	1.4E-02	1.2E-13
1.6E+00	1.2E-06	1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.5E-12	4.1E-01	1.3E-07	1.0E-03	5.6E-11	1.6E-01	1.4E-02	1.2E-13
1.6E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.4E-12	4.0E-01	1.3E-07	1.0E-03	5.5E-11	1.6E-01	1.4E-02	1.2E-13
1.5E+00	1.2E-06	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.1E-12	5.4E-01	1.3E-07	1.0E-03	7.5E-11	1.6E-01	1.4E-02	1.6E-13
1.5E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.2E-12	5.4E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	1.4E-02	1.6E-13
1.6E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.4E-12	5.3E-01	1.3E-07	1.0E-03	7.4E-11	1.6E-01	1.4E-02	1.6E-13
1.6E+00	1.2E-06	1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.6E-12	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	1.4E-02	1.6E-13
1.7E+00	1.2E-06	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.7E-12	5.3E-01	1.3E-07	1.0E-03	7.3E-11	1.6E-01	1.4E-02	1.6E-13
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	1.4E-02	4.9E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	1.4E-02	1.6E-13
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	1.4E-02	1.5E-13
1.8E+00	1.2E-06	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.1E-12	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	1.4E-02	1.5E-13
1.9E+00	1.2E-06	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.2E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	1.4E-02	1.5E-13
1.9E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.3E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	1.4E-02	1.5E-13
1.9E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.4E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	1.4E-02	1.5E-13
1.9E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.4E-12	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	1.4E-02	1.5E-13
2.0E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.4E-12	4.8E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	1.4E-02	1.4E-13
2.0E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.4E-12	4.8E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	1.4E-02	1.4E-13
1.9E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.4E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	1.4E-02	1.4E-13
1.9E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.3E-12	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	1.4E-02	1.4E-13
1.9E+00	1.2E-06	1.0E-03	2.5E-09	1.6E-01	1.4E-02	5.3E-12	4.6E-01	1.3E-07	1.0E-03	6.3E-11	1.6E-01	1.4E-02	1.4E-13
1.9E+00	1.2E-06	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.2E-12	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	1.4E-02	1.3E-13
1.8E+00	1.2E-06	1.0E-03	2.4E-09	1.6E-01	1.4E-02	5.1E-12	4.4E-01	1.3E-07	1.0E-03	6.1E-11	1.6E-01	1.4E-02	1.3E-13
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	4.3E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	1.4E-02	1.3E-13
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	1.4E-02	4.9E-12	4.3E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	1.4E-02	1.3E-13

1.7E+00	1.2E-06	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.7E-12	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	1.4E-02	1.2E-13
1.7E+00	1.2E-06	1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.6E-12	4.1E-01	1.3E-07	1.0E-03	5.7E-11	1.6E-01	1.4E-02	1.2E-13
1.6E+00	1.2E-06	1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.4E-12	4.0E-01	1.3E-07	1.0E-03	5.6E-11	1.6E-01	1.4E-02	1.2E-13
1.6E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.3E-12	4.0E-01	1.3E-07	1.0E-03	5.5E-11	1.6E-01	1.4E-02	1.2E-13
1.5E+00	1.2E-06	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.2E-12	3.9E-01	1.3E-07	1.0E-03	5.4E-11	1.6E-01	1.4E-02	1.2E-13
1.4E+00	1.2E-06	1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.8E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	1.4E-02	1.6E-13
1.4E+00	1.2E-06	1.0E-03	1.8E-09	1.6E-01	1.4E-02	4.0E-12	5.2E-01	1.3E-07	1.0E-03	7.2E-11	1.6E-01	1.4E-02	1.5E-13
1.5E+00	1.2E-06	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.1E-12	5.2E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	1.4E-02	1.5E-13
1.5E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.3E-12	5.1E-01	1.3E-07	1.0E-03	7.1E-11	1.6E-01	1.4E-02	1.5E-13
1.6E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.4E-12	5.1E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	1.4E-02	1.5E-13
1.6E+00	1.2E-06	1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.5E-12	5.0E-01	1.3E-07	1.0E-03	7.0E-11	1.6E-01	1.4E-02	1.5E-13
1.7E+00	1.2E-06	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.6E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	1.4E-02	1.5E-13
1.7E+00	1.2E-06	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.7E-12	5.0E-01	1.3E-07	1.0E-03	6.9E-11	1.6E-01	1.4E-02	1.5E-13
1.7E+00	1.2E-06	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.8E-12	4.9E-01	1.3E-07	1.0E-03	6.8E-11	1.6E-01	1.4E-02	1.5E-13
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	1.4E-02	4.9E-12	4.9E-01	1.3E-07	1.0E-03	6.7E-11	1.6E-01	1.4E-02	1.4E-13
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	4.8E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	1.4E-02	1.4E-13
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	4.7E-01	1.3E-07	1.0E-03	6.6E-11	1.6E-01	1.4E-02	1.4E-13
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	4.7E-01	1.3E-07	1.0E-03	6.5E-11	1.6E-01	1.4E-02	1.4E-13
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	4.6E-01	1.3E-07	1.0E-03	6.4E-11	1.6E-01	1.4E-02	1.4E-13
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	4.6E-01	1.3E-07	1.0E-03	6.3E-11	1.6E-01	1.4E-02	1.4E-13
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	1.4E-02	5.0E-12	4.5E-01	1.3E-07	1.0E-03	6.2E-11	1.6E-01	1.4E-02	1.3E-13
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	1.4E-02	4.9E-12	4.4E-01	1.3E-07	1.0E-03	6.1E-11	1.6E-01	1.4E-02	1.3E-13
1.8E+00	1.2E-06	1.0E-03	2.3E-09	1.6E-01	1.4E-02	4.9E-12	4.4E-01	1.3E-07	1.0E-03	6.0E-11	1.6E-01	1.4E-02	1.3E-13
1.7E+00	1.2E-06	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.8E-12	4.3E-01	1.3E-07	1.0E-03	5.9E-11	1.6E-01	1.4E-02	1.3E-13
1.7E+00	1.2E-06	1.0E-03	2.2E-09	1.6E-01	1.4E-02	4.7E-12	4.2E-01	1.3E-07	1.0E-03	5.8E-11	1.6E-01	1.4E-02	1.3E-13
1.6E+00	1.2E-06	1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.6E-12	4.1E-01	1.3E-07	1.0E-03	5.7E-11	1.6E-01	1.4E-02	1.2E-13
1.6E+00	1.2E-06	1.0E-03	2.1E-09	1.6E-01	1.4E-02	4.5E-12	4.1E-01	1.3E-07	1.0E-03	5.6E-11	1.6E-01	1.4E-02	1.2E-13
1.6E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.3E-12	4.0E-01	1.3E-07	1.0E-03	5.5E-11	1.6E-01	1.4E-02	1.2E-13
1.5E+00	1.2E-06	1.0E-03	2.0E-09	1.6E-01	1.4E-02	4.2E-12	3.9E-01	1.3E-07	1.0E-03	5.4E-11	1.6E-01	1.4E-02	1.2E-13
1.5E+00	1.2E-06	1.0E-03	1.9E-09	1.6E-01	1.4E-02	4.1E-12	3.9E-01	1.3E-07	1.0E-03	5.3E-11	1.6E-01	1.4E-02	1.2E-13
1.4E+00	1.2E-06	1.0E-03	1.8E-09	1.6E-01	1.4E-02	3.9E-12	3.8E-01	1.3E-07	1.0E-03	5.2E-11	1.6E-01	1.4E-02	1.1E-13

7. Construction Health Risk
f.Mitigated School Risk

Construction Health Risk
Mitigated School - Assumptions and Risk Summary

Franklin School Project

Mitigated School - Construction Health Risk Assumptions

	3rd	0-2	2-16	>16	Units
DBR	361	1090	631	261	L/kg
A	1	1	1	1	no units
EF	0.95890411	0.958904	0.958904	0.958904	years
Constant 1	0.000001	0.000001	0.000001	0.000001	no units
CPF	1.1	1.1	1.1	1.1	mg/kg-day-1
ASF	10	10	3	1	no units
Modernization Const	0.00	0.00	0.668	0.00	years
Modernization AC	0.00	0.00	0.274	0.00	years
Portable Set-up	0.00	0.00	0.038	0.00	years
New Building Demo	0.00	0.00	0.055	0.00	years
New Building Grading	0.00	0.00	0.014	0.00	years
New Building Const	0.00	0.00	0.548	0.00	years
New Building AC	0.00	0.00	0.027	0.00	years
New Building Pav	0.00	0.00	0.027	0.00	years
New Building Demo (Port. 2)	0.00	0.00	0.005	0.00	years
New Building Demo (Port. 1,3,4)	0.00	0.00	0.014	0.00	years
AT	70	70	70	70	years
FAH	1	1	1	0.73	day
Constant 2	1,000,000	1,000,000	1,000,000	1,000,000	no units
Dose Constants:	0.00034616	0.001045	0.000605	0.00025	no units
Risk Constants:	0.15714286	0.157143	0.047143	0.011471	no units

Dose = (Cair X DBR X A X EF X Constant 1)

Cancer Risk = Dose X CPF x ASF x (ED/AT) X FAH

Risk per Million = Cancer Risk X Constant 2

Non-Cancer Hazard Quotent = Average Annual Concentration x Chronic Inhalation REL

Onsite	lbs/day	g/day	g/sec
	2 to 16		
Modernization Const	0.0335	15.195344	0.0003517
Modernization AC	0.0143	6.4863709	0.0001501
Portable Set-up	0	0	0
New Building Demo	0.1077	48.851898	0.0011308
New Building Grading	0.0466	21.137404	0.0004893
New Building Const	0.0823	37.330652	0.0008641
New Building AC	0.0143	6.4863709	0.0001501
New Building Pav	0.0687	31.161796	0.0007213
New Building Demo (Port. 2)	0.0713	32.341136	0.0007486
New Building Demo (Port. 1,3,4)	0.0713	32.341136	0.0007486

Offsite

	Source	Miles	lbs/day	g/day	gr/sec
Mod - Building					
	Haul 1A	0.04256385	2.3323E-05	0.010579	2.45E-07
	Haul 2A	0.13434019	7.3611E-05	0.0333894	7.73E-07
	Haul B	0.27576401	0.0001511	0.0685394	1.59E-06
	Haul C	0.02963935	1.6241E-05	0.0073667	1.71E-07
NB - BC					
	Haul 1A	0.04256385	7.5799E-05	0.0343817	7.96E-07
	Haul 2A	0.13434019	0.00023924	0.1085156	2.51E-06
	Haul B	0.27576401	0.00049109	0.2227531	5.16E-06
	Haul C	0.02963935	5.2782E-05	0.0239417	5.54E-07
Portable Classrooms					
	Haul 1A	0.04256385	1.8111E-05	0.008215	1.9E-07
	Haul 2A	0.13434019	5.7162E-05	0.0259281	6E-07
	Haul B	0.27576401	0.00011734	0.0532234	1.23E-06
	Haul C	0.02963935	1.2612E-05	0.0057205	1.32E-07
NB - Demo					
	Haul 1A	0.04256385	0.00018728	0.0849492	1.97E-06
	Haul 2A	0.13434019	0.0005911	0.268117	6.21E-06
	Haul B	0.27576401	0.00121336	0.5503716	1.27E-05
	Haul C	0.02963935	0.00013041	0.0591544	1.37E-06
NB-Demo (Port. 2)					
	Haul 1A	0.04256385	1.8111E-05	0.008215	1.9E-07
	Haul 2A	0.13434019	5.7162E-05	0.0259281	6E-07
	Haul B	0.27576401	0.00011734	0.0532234	1.23E-06
	Haul C	0.02963935	1.2612E-05	0.0057205	1.32E-07
NB-Demo (Port. 1,3,4)					
	Haul 1A	0.04256385	1.8111E-05	0.008215	1.9E-07
	Haul 2A	0.13434019	5.7162E-05	0.0259281	6E-07
	Haul B	0.27576401	0.00011734	0.0532234	1.23E-06
	Haul C	0.02963935	1.2612E-05	0.0057205	1.32E-07

Franklin School Project

Mitigated School - Construction Health Risk Assumptions

Source Name	Description
Haul1A	Haul Route: Copeland from Site to Meade
HaulB	Haul Route: Copeland from Meade Ave to El Cajon Blvd
HaulC	Haul Route: El Cajon Blvd from Site to I-15
Haul2A	Haul Route: Maede form Site to Copeland
MOD	Modernization activities for Buildings 01-01, 02-02, and 02-03
NB1	New Building Demolition and Grading areas
NB2	Building Construction and Architectural Coating Areas
NB3	Paving areas

Construction activities can occur between 7 am and 7 pm Monday through Friday.

Receptor Designations

Residential #43 to 806

RES50 #1 to 272 - Residential receptors with 50 meter spacing

RES10 #273 to #806 - Residential receptors with 10 meter spacing

School

LL #807 to 820 - Onsite receptrs for the library and LLC building - Impacted by all phases

02-02 #821 to 835 - Onsite receptors for building 02-02. Impacted by all but 1/3 of Modernization.

01-01 #836 to 850 - Onsite receptors for building 01-01. Impacted by all but 1/3 of Modernization.

02-03 #851 to 865 - Onsite receptors for building 02-03. Impacted by all but 1/3 of Modernization.

Port #866 to 872 - Onsite receptors for portable buildings. Impacts vary by building

School receptors: Risk for onsite receptors is determined by conservately assuming that all onsite receptors are exposed for the duration of the construction project. However, because modernization requires painting and repairs to classrooms, it is anticipated that students sould be located in the portable classrooms during the time the reparis to their classrooms are occurring. As the portable classrooms are located on the other side of the campus from the new building construction (greatest risk source) risk to students would be similar or lower at the portable classrooms than they would in the library or building 02-03. Also, as a conservative estimate of onsite risk, the Assembly and Administrative building (building 02-03) is evaluated as if it were regular classrooms.

Franklin School Project
Mitigated School - Emissions

Onsite

Phase	Start	End	# days	lbs/day PM10	Source		
Mod - Building	1/1/2021	12/08/21	244	0.0335	MOD	Const. Hours	12
Mod - AC	06/01/21	10/18/21	100	0.0143	MOD		
Portable Classrooms	1/1/2021	1/20/2021	14	0.0000	-		
NB - Demo	01/21/19	02/17/21	20	0.1077	NB1		
NB - Grading	02/18/21	02/24/21	5	0.0466	NB1		
NB - BC	02/25/21	12/01/21	200	0.0823	NB2		
NB - AC	11/25/21	12/08/21	10	0.0143	NB2		
NB - Paving	11/25/21	12/08/21	10	0.0687	NB3		
NB-Demo (Port. 2)	12/09/21	12/11/21	2	0.0713	NB1		
NB-Demo (Port. 1,3,4)	12/13/21	12/17/21	5	0.0713	NB1		

Offsite

	Vendor Trips	miles/trip	lbs/day	lbs/day/mile	Haul Trips	miles/trip	lbs/day	lbs/day/mile
Mod - Building	4	7.30	0.004	0.00054795	0	20.00		
Mod - AC	0	7.30			0	20.00		
Portable Classrooms	0	7.30			10	20.00	8.51E-03	0.000426
NB - Demo		7.30			205	20.00	0.088	0.004400
NB - Grading	0	7.30			0	20.00		
NB - BC	12	7.30	0.013	0.00178082	0	20.00		
NB - AC	0	7.30			0	20.00		
NB - Paving	0	7.30			0	20.00		
NB-Demo (Port. 2)	0	7.30			6	20.00	8.51E-03	0.000426
NB-Demo (Port. 1,3,4)	0	7.30			15	20.00	8.51E-03	0.000426

Source	Meters	Miles
Haul 1A	68.50	0.04
Haul 2A	216.20	0.13
Haul B	443.80	0.28
Haul C	47.70	0.03

Franklin School Project

Mitigated School - Construction Cancer Risk Summary

865	Receptor
1.47	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4	Receptor Typ
807	490307	3624461	0.81	0.51	0.09	0.00	0.05	0.01	0.12	0.00	0.02	0.00	0.01	LL
808	490317	3624461	0.68	0.37	0.06	0.00	0.06	0.01	0.14	0.00	0.03	0.00	0.01	LL
809	490307	3624471	0.86	0.53	0.09	0.00	0.06	0.01	0.14	0.00	0.02	0.00	0.01	LL
810	490317	3624471	0.74	0.39	0.07	0.00	0.06	0.01	0.17	0.00	0.03	0.00	0.01	LL
811	490307	3624481	0.92	0.54	0.09	0.00	0.06	0.01	0.18	0.00	0.02	0.00	0.01	LL
812	490317	3624481	0.82	0.40	0.07	0.00	0.07	0.01	0.22	0.00	0.03	0.00	0.01	LL
813	490307	3624491	0.98	0.55	0.10	0.00	0.06	0.01	0.23	0.00	0.02	0.00	0.01	LL
814	490317	3624491	0.92	0.42	0.07	0.00	0.08	0.01	0.29	0.00	0.03	0.01	0.01	LL
815	490307	3624501	1.07	0.57	0.10	0.00	0.06	0.01	0.29	0.00	0.02	0.00	0.01	LL
816	490317	3624501	1.04	0.44	0.08	0.00	0.07	0.01	0.40	0.00	0.03	0.00	0.01	LL
817	490307	3624511	1.20	0.60	0.11	0.00	0.07	0.01	0.37	0.00	0.02	0.00	0.01	LL
818	490317	3624511	1.24	0.47	0.08	0.00	0.07	0.01	0.55	0.00	0.03	0.00	0.01	LL
819	490307	3624521	1.29	0.61	0.11	0.00	0.06	0.01	0.46	0.00	0.02	0.00	0.01	LL
820	490317	3624521	1.46	0.45	0.08	0.00	0.09	0.01	0.78	0.01	0.03	0.01	0.01	LL
821	490276	3624433	0.34	0.22	0.04	0.00	0.01	0.00	0.05	0.00	0.01	0.00	0.00	02-20
822	490286	3624433	0.33	0.20	0.04	0.00	0.02	0.00	0.06	0.00	0.01	0.00	0.00	02-20
823	490296	3624433	0.44	0.28	0.05	0.00	0.02	0.00	0.07	0.00	0.01	0.00	0.00	02-20
824	490276	3624443	0.39	0.26	0.04	0.00	0.02	0.00	0.06	0.00	0.01	0.00	0.00	02-20
825	490286	3624443	0.32	0.18	0.03	0.00	0.02	0.00	0.07	0.00	0.01	0.00	0.00	02-20
826	490296	3624443	0.51	0.33	0.06	0.00	0.03	0.00	0.08	0.00	0.01	0.00	0.00	02-20
827	490276	3624453	0.57	0.40	0.07	0.00	0.02	0.00	0.07	0.00	0.01	0.00	0.00	02-20
828	490286	3624453	0.54	0.36	0.06	0.00	0.02	0.00	0.08	0.00	0.01	0.00	0.00	02-20
829	490296	3624453	0.70	0.47	0.08	0.00	0.03	0.00	0.09	0.00	0.02	0.00	0.01	02-20
830	490276	3624463	0.60	0.41	0.07	0.00	0.02	0.00	0.08	0.00	0.01	0.00	0.00	02-20
831	490286	3624463	0.57	0.37	0.06	0.00	0.02	0.00	0.09	0.00	0.02	0.00	0.00	02-20
832	490296	3624463	0.75	0.49	0.09	0.00	0.03	0.00	0.10	0.00	0.02	0.00	0.01	02-20
833	490276	3624473	0.63	0.43	0.07	0.00	0.02	0.00	0.09	0.00	0.01	0.00	0.00	02-20
834	490286	3624473	0.60	0.38	0.07	0.00	0.03	0.00	0.10	0.00	0.02	0.00	0.00	02-20
835	490296	3624473	0.78	0.51	0.09	0.00	0.04	0.00	0.12	0.00	0.02	0.00	0.01	02-20
836	490276	3624481	0.65	0.44	0.08	0.00	0.02	0.00	0.10	0.00	0.01	0.00	0.00	01-01
837	490286	3624481	0.63	0.39	0.07	0.00	0.03	0.00	0.12	0.00	0.02	0.00	0.00	01-01
838	490296	3624481	0.82	0.52	0.09	0.00	0.04	0.00	0.14	0.00	0.02	0.00	0.01	01-01
839	490276	3624491	0.68	0.45	0.08	0.00	0.02	0.00	0.11	0.00	0.01	0.00	0.00	01-01
840	490286	3624491	0.68	0.41	0.07	0.00	0.03	0.00	0.14	0.00	0.02	0.00	0.00	01-01
841	490296	3624491	0.87	0.54	0.09	0.00	0.04	0.00	0.17	0.00	0.02	0.00	0.01	01-01
842	490276	3624501	0.70	0.45	0.08	0.00	0.02	0.00	0.12	0.00	0.01	0.00	0.00	01-01
843	490286	3624501	0.71	0.42	0.07	0.00	0.03	0.00	0.16	0.00	0.02	0.00	0.00	01-01
844	490296	3624501	0.93	0.55	0.10	0.00	0.04	0.00	0.21	0.00	0.02	0.00	0.01	01-01
845	490276	3624511	0.69	0.44	0.08	0.00	0.02	0.00	0.13	0.00	0.01	0.00	0.00	01-01
846	490286	3624511	0.72	0.41	0.07	0.00	0.03	0.00	0.18	0.00	0.02	0.00	0.00	01-01
847	490296	3624511	0.98	0.56	0.10	0.00	0.04	0.00	0.25	0.00	0.02	0.00	0.01	01-01
848	490276	3624521	0.68	0.42	0.07	0.00	0.02	0.00	0.14	0.00	0.01	0.00	0.00	01-01
849	490286	3624521	0.72	0.40	0.07	0.00	0.03	0.00	0.20	0.00	0.01	0.00	0.00	01-01
850	490296	3624521	0.96	0.51	0.09	0.00	0.04	0.00	0.29	0.00	0.02	0.00	0.01	01-01
851	490279	3624525	0.68	0.40	0.07	0.00	0.02	0.00	0.16	0.00	0.01	0.00	0.00	02-03
852	490289	3624525	0.81	0.45	0.08	0.00	0.03	0.00	0.23	0.00	0.02	0.00	0.00	02-03
853	490299	3624525	1.02	0.51	0.09	0.00	0.04	0.00	0.34	0.00	0.02	0.00	0.01	02-03
854	490309	3624525	1.24	0.50	0.09	0.00	0.07	0.01	0.54	0.00	0.02	0.00	0.01	02-03

Franklin School Project

Mitigated School - Construction Cancer Risk Summary

865	Receptor
1.47	Max

Receptor #	X	Y	Total	Mod BC	Mod AC	Port	Demo	Grad	BC	0.00	Pav	Demo-Port. 2	Demo-Port. 1,3,4	Receptor Typ
855	490319	3624525	1.40	0.44	0.08	0.00	0.07	0.01	0.76	0.01	0.02	0.00	0.01	02-03
856	490279	3624535	0.59	0.33	0.06	0.00	0.02	0.00	0.16	0.00	0.01	0.00	0.00	02-03
857	490289	3624535	0.64	0.30	0.05	0.00	0.03	0.00	0.23	0.00	0.01	0.00	0.00	02-03
858	490299	3624535	0.82	0.32	0.06	0.00	0.04	0.00	0.36	0.00	0.02	0.00	0.01	02-03
859	490309	3624535	1.08	0.32	0.06	0.00	0.07	0.01	0.60	0.01	0.02	0.00	0.01	02-03
860	490319	3624535	1.38	0.34	0.06	0.00	0.06	0.01	0.86	0.01	0.02	0.00	0.01	02-03
861	490279	3624545	0.54	0.29	0.05	0.00	0.02	0.00	0.16	0.00	0.01	0.00	0.00	02-03
862	490289	3624545	0.74	0.39	0.07	0.00	0.03	0.00	0.23	0.00	0.01	0.00	0.00	02-03
863	490299	3624545	0.82	0.34	0.06	0.00	0.04	0.00	0.35	0.00	0.01	0.00	0.01	02-03
864	490309	3624545	1.10	0.37	0.06	0.00	0.06	0.01	0.56	0.00	0.02	0.00	0.01	02-03
865	490319	3624545	1.47	0.34	0.06	0.00	0.06	0.01	0.96	0.01	0.02	0.00	0.01	02-03
866	490298	3624431	0.40	0.25	0.04	0.00	0.02	0.00	0.07	0.00	0.01	0.00	0.00	Port
867	490298	3624441	0.66	0.45	0.08	0.00	0.03	0.00	0.08	0.00	0.01	0.00	0.00	Port
868	490308	3624441	0.64	0.41	0.07	0.00	0.04	0.00	0.08	0.00	0.02	0.00	0.01	Port
869	490318	3624441	0.55	0.30	0.05	0.00	0.06	0.01	0.09	0.00	0.02	0.00	0.01	Port
870	490298	3624451	0.66	0.43	0.08	0.00	0.03	0.00	0.09	0.00	0.02	0.00	0.01	Port
871	490308	3624451	0.72	0.46	0.08	0.00	0.05	0.00	0.10	0.00	0.02	0.00	0.01	Port
872	490318	3624451	0.61	0.34	0.06	0.00	0.06	0.01	0.11	0.00	0.02	0.00	0.01	Port

Franklin School Project

Mitigated School - Construction Health Impact Assessment

820	Receptor
0.06	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
807	3.35E-02	0.005307	0.002264	3.66E-06	0.006667	0.002868	0.001504	0.000259	0.005851	0.004391974	0.004391974
808	3.50E-02	0.003886	0.001658	3.55E-06	0.007521	0.003238	0.001732	0.000298	0.006754	0.004958073	0.004958073
809	3.52E-02	0.00551	0.002351	3.1E-06	0.007368	0.003174	0.001841	0.000318	0.004959	0.004859867	0.004859867
810	3.69E-02	0.00407	0.001736	3.03E-06	0.007975	0.003437	0.002171	0.000375	0.006573	0.005261745	0.005261745
811	3.78E-02	0.005663	0.002417	2.65E-06	0.0076	0.003276	0.002291	0.000396	0.006098	0.005015784	0.005015784
812	4.37E-02	0.00422	0.001801	2.61E-06	0.009596	0.00414	0.002786	0.000482	0.008023	0.006337596	0.006337596
813	3.94E-02	0.005804	0.002477	2.3E-06	0.007758	0.003347	0.002897	0.000502	0.006388	0.005122642	0.005122642
814	4.69E-02	0.004365	0.001863	2.28E-06	0.010336	0.004462	0.003697	0.000641	0.007834	0.006829628	0.006829628
815	4.16E-02	0.005986	0.002554	2.02E-06	0.008147	0.003516	0.003712	0.000644	0.006234	0.005381772	0.005381772
816	4.50E-02	0.004565	0.001948	2E-06	0.008989	0.00388	0.005077	0.000881	0.007774	0.005939104	0.005939104
817	4.33E-02	0.006332	0.002702	1.78E-06	0.008374	0.003615	0.004786	0.00083	0.005611	0.005533641	0.005533641
818	4.81E-02	0.004946	0.002111	1.77E-06	0.009044	0.003905	0.007079	0.001229	0.007784	0.005977095	0.005977095
819	4.38E-02	0.006377	0.002721	1.58E-06	0.008123	0.003508	0.005914	0.001027	0.005349	0.005368375	0.005368375
820	5.57E-02	0.004734	0.00202	1.58E-06	0.010976	0.004742	0.009929	0.001724	0.007068	0.007256961	0.007256961
821	1.07E-02	0.002329	0.000992	6.62E-06	0.001845	0.000769	0.000698	0.000117	0.001578	0.001182572	0.001182572
822	1.21E-02	0.002131	0.000908	7.2E-06	0.002273	0.000951	0.000768	0.000128	0.001987	0.001462683	0.001462683
823	1.57E-02	0.002956	0.00126	6.72E-06	0.002905	0.001227	0.000845	0.000142	0.002574	0.00188379	0.00188379
824	1.21E-02	0.002699	0.00115	5.21E-06	0.002022	0.000851	0.000776	0.000131	0.001876	0.001307954	0.001307954
825	1.32E-02	0.001883	0.000802	5.52E-06	0.002562	0.001084	0.000866	0.000146	0.002512	0.001664179	0.001664179
826	1.87E-02	0.003418	0.001457	5.33E-06	0.003388	0.001442	0.000967	0.000164	0.003455	0.0022119	0.0022119
827	1.52E-02	0.004145	0.001768	4.53E-06	0.002222	0.000941	0.000876	0.000149	0.00225	0.001444445	0.001444445
828	1.77E-02	0.003746	0.001598	4.32E-06	0.00289	0.001231	0.000995	0.00017	0.00327	0.001888004	0.001888004
829	2.30E-02	0.004975	0.002122	4.33E-06	0.003924	0.001678	0.001129	0.000193	0.003848	0.002572385	0.002572385
830	1.65E-02	0.004349	0.001855	3.49E-06	0.002389	0.001018	0.000991	0.00017	0.002591	0.001561288	0.001561288
831	1.94E-02	0.003863	0.001648	3.56E-06	0.003142	0.001344	0.001144	0.000196	0.003962	0.002059444	0.002059444
832	2.51E-02	0.005175	0.002208	3.58E-06	0.004389	0.001883	0.001331	0.000229	0.004073	0.002884546	0.002884546
833	1.74E-02	0.004481	0.001912	2.92E-06	0.002522	0.001078	0.001124	0.000193	0.002815	0.001652756	0.001652756
834	2.06E-02	0.003964	0.001691	2.99E-06	0.003317	0.001422	0.001319	0.000227	0.004299	0.002178529	0.002178529
835	2.64E-02	0.005299	0.002261	3.02E-06	0.004741	0.002038	0.001588	0.000274	0.00392	0.003120792	0.003120792
836	1.81E-02	0.004609	0.001967	2.57E-06	0.002604	0.001115	0.001243	0.000214	0.00291	0.001708776	0.001708776
837	2.13E-02	0.004106	0.001752	2.64E-06	0.003417	0.001466	0.001482	0.000256	0.004316	0.002246416	0.002246416
838	2.81E-02	0.005435	0.002319	2.66E-06	0.004866	0.002094	0.001827	0.000315	0.004811	0.00320599	0.00320599
839	1.88E-02	0.004758	0.00203	2.22E-06	0.002678	0.001149	0.001408	0.000243	0.002984	0.001759823	0.001759823
840	2.23E-02	0.004339	0.001851	2.27E-06	0.003536	0.00152	0.001727	0.000299	0.004419	0.002327435	0.002327435
841	2.94E-02	0.005621	0.002399	2.3E-06	0.005005	0.002155	0.002196	0.00038	0.005038	0.003300065	0.003300065
842	1.90E-02	0.004742	0.002024	1.93E-06	0.002706	0.001162	0.001575	0.000272	0.002988	0.001780148	0.001780148
843	2.25E-02	0.004438	0.001894	1.98E-06	0.003626	0.00156	0.002008	0.000348	0.003848	0.002388872	0.002388872
844	3.05E-02	0.005796	0.002473	2.01E-06	0.005163	0.002225	0.002659	0.000461	0.004946	0.003405969	0.003405969
845	1.88E-02	0.0046	0.001963	1.7E-06	0.002675	0.00115	0.001723	0.000298	0.002827	0.001761065	0.001761065
846	2.32E-02	0.004306	0.001838	1.74E-06	0.003618	0.001557	0.002278	0.000394	0.004413	0.002384701	0.002384701
847	3.10E-02	0.005862	0.002502	1.77E-06	0.005227	0.002254	0.003181	0.000551	0.004545	0.003450365	0.003450365
848	1.82E-02	0.004416	0.001885	1.51E-06	0.002609	0.001122	0.001845	0.000319	0.002542	0.001718403	0.001718403
849	2.24E-02	0.00424	0.00181	1.55E-06	0.003533	0.001522	0.002505	0.000434	0.003735	0.002329764	0.002329764
850	3.06E-02	0.005352	0.002284	1.57E-06	0.005143	0.002218	0.00367	0.000637	0.004455	0.003395586	0.003395586

Franklin School Project

Mitigated School - Construction Health Impact Assessment

820	Receptor
0.06	Max

Receptor #	Max	Mod BC	Mod AC	Port	Demo	Grad	BC	AC	Paving	Demo-Port. 2	Demo-Port. 1,3,4
851	1.88E-02	0.004247	0.001812	1.46E-06	0.0028	0.001205	0.002054	0.000356	0.00267	0.001845123	0.001845123
852	2.46E-02	0.004691	0.002002	1.49E-06	0.003875	0.00167	0.002879	0.000499	0.003862	0.002556702	0.002556702
853	3.31E-02	0.005367	0.00229	1.5E-06	0.005733	0.002474	0.00436	0.000757	0.004525	0.003786328	0.003786328
854	4.57E-02	0.0052	0.002219	1.51E-06	0.008697	0.003756	0.006931	0.001203	0.006158	0.005749027	0.005749027
855	4.84E-02	0.004588	0.001958	1.51E-06	0.008948	0.003865	0.009746	0.001692	0.005736	0.005915199	0.005915199
856	1.70E-02	0.003487	0.001488	1.3E-06	0.002652	0.001142	0.002103	0.000364	0.002271	0.001748153	0.001748153
857	2.12E-02	0.003165	0.001351	1.33E-06	0.003665	0.00158	0.002996	0.00052	0.003083	0.002418275	0.002418275
858	2.92E-02	0.003393	0.001448	1.35E-06	0.005384	0.002323	0.004602	0.000799	0.004184	0.00355628	0.00355628
859	4.27E-02	0.003315	0.001415	1.36E-06	0.008442	0.003646	0.00763	0.001325	0.005793	0.005580639	0.005580639
860	4.50E-02	0.003597	0.001535	1.36E-06	0.007839	0.003386	0.011044	0.001918	0.005275	0.005181675	0.005181675
861	1.57E-02	0.003075	0.001312	1.17E-06	0.002496	0.001075	0.002106	0.000365	0.001956	0.001645466	0.001645466
862	2.12E-02	0.004065	0.001735	1.2E-06	0.003385	0.001459	0.002976	0.000516	0.002549	0.002233901	0.002233901
863	2.71E-02	0.003614	0.001542	1.22E-06	0.004831	0.002085	0.004478	0.000777	0.003395	0.0031908	0.0031908
864	3.89E-02	0.00388	0.001656	1.22E-06	0.007322	0.003163	0.007216	0.001253	0.004713	0.004840387	0.004840387
865	4.46E-02	0.003574	0.001525	1.23E-06	0.007386	0.00319	0.0123	0.002136	0.004673	0.004882365	0.004882365
866	1.55E-02	0.002652	0.00113	7.02E-06	0.002988	0.001261	0.000842	0.000141	0.002585	0.001937006	0.001937006
867	2.09E-02	0.004749	0.002025	5.55E-06	0.003496	0.001488	0.000961	0.000163	0.003456	0.002281803	0.002281803
868	2.55E-02	0.0043	0.001834	5.37E-06	0.004885	0.00209	0.00107	0.000182	0.004698	0.003202689	0.003202689
869	3.10E-02	0.003187	0.001359	5.09E-06	0.007217	0.0031	0.001186	0.000202	0.005277	0.00474823	0.00474823
870	2.29E-02	0.004548	0.00194	4.49E-06	0.004083	0.001747	0.001121	0.000191	0.003928	0.002676721	0.002676721
871	2.87E-02	0.004818	0.002055	4.39E-06	0.005925	0.002544	0.001266	0.000217	0.00404	0.003896757	0.003896757
872	3.42E-02	0.003526	0.001504	4.21E-06	0.00797	0.00343	0.001436	0.000247	0.005603	0.005251823	0.005251823

Risk From Modernization Const - Mitigated School

Franklin School Project
Risk From Modernization Const - Mitigated School

0.61	Max

Onsite

Receptor #	Total/ Million	Total	Conc	g/sec	D1	Dose	R1	ED	Risk
807	0.51	5.1E-07	7.5E+01	3.5E-04	6.1E-04	1.6E-05	4.7E-02	6.7E-01	5.1E-07
808	0.37	3.7E-07	5.5E+01	3.5E-04	6.1E-04	1.2E-05	4.7E-02	6.7E-01	3.7E-07
809	0.53	5.3E-07	7.8E+01	3.5E-04	6.1E-04	1.7E-05	4.7E-02	6.7E-01	5.3E-07
810	0.39	3.9E-07	5.8E+01	3.5E-04	6.1E-04	1.2E-05	4.7E-02	6.7E-01	3.9E-07
811	0.54	5.4E-07	8.0E+01	3.5E-04	6.1E-04	1.7E-05	4.7E-02	6.7E-01	5.4E-07
812	0.40	4.0E-07	6.0E+01	3.5E-04	6.1E-04	1.3E-05	4.7E-02	6.7E-01	4.0E-07
813	0.55	5.5E-07	8.2E+01	3.5E-04	6.1E-04	1.8E-05	4.7E-02	6.7E-01	5.5E-07
814	0.42	4.2E-07	6.2E+01	3.5E-04	6.1E-04	1.3E-05	4.7E-02	6.7E-01	4.2E-07
815	0.57	5.7E-07	8.5E+01	3.5E-04	6.1E-04	1.8E-05	4.7E-02	6.7E-01	5.7E-07
816	0.44	4.4E-07	6.5E+01	3.5E-04	6.1E-04	1.4E-05	4.7E-02	6.7E-01	4.4E-07
817	0.60	6.0E-07	9.0E+01	3.5E-04	6.1E-04	1.9E-05	4.7E-02	6.7E-01	6.0E-07
818	0.47	4.7E-07	7.0E+01	3.5E-04	6.1E-04	1.5E-05	4.7E-02	6.7E-01	4.7E-07
819	0.61	6.1E-07	9.1E+01	3.5E-04	6.1E-04	1.9E-05	4.7E-02	6.7E-01	6.1E-07
820	0.45	4.5E-07	6.7E+01	3.5E-04	6.1E-04	1.4E-05	4.7E-02	6.7E-01	4.5E-07
821	0.22	2.2E-07	3.3E+01	3.5E-04	6.1E-04	7.0E-06	4.7E-02	6.7E-01	2.2E-07
822	0.20	2.0E-07	3.0E+01	3.5E-04	6.1E-04	6.4E-06	4.7E-02	6.7E-01	2.0E-07
823	0.28	2.8E-07	4.2E+01	3.5E-04	6.1E-04	8.9E-06	4.7E-02	6.7E-01	2.8E-07
824	0.26	2.6E-07	3.8E+01	3.5E-04	6.1E-04	8.2E-06	4.7E-02	6.7E-01	2.6E-07
825	0.18	1.8E-07	2.7E+01	3.5E-04	6.1E-04	5.7E-06	4.7E-02	6.7E-01	1.8E-07
826	0.33	3.3E-07	4.9E+01	3.5E-04	6.1E-04	1.0E-05	4.7E-02	6.7E-01	3.3E-07
827	0.40	4.0E-07	5.9E+01	3.5E-04	6.1E-04	1.3E-05	4.7E-02	6.7E-01	3.9E-07
828	0.36	3.6E-07	5.3E+01	3.5E-04	6.1E-04	1.1E-05	4.7E-02	6.7E-01	3.6E-07
829	0.47	4.7E-07	7.1E+01	3.5E-04	6.1E-04	1.5E-05	4.7E-02	6.7E-01	4.7E-07
830	0.41	4.1E-07	6.2E+01	3.5E-04	6.1E-04	1.3E-05	4.7E-02	6.7E-01	4.1E-07
831	0.37	3.7E-07	5.5E+01	3.5E-04	6.1E-04	1.2E-05	4.7E-02	6.7E-01	3.7E-07
832	0.49	4.9E-07	7.4E+01	3.5E-04	6.1E-04	1.6E-05	4.7E-02	6.7E-01	4.9E-07
833	0.43	4.3E-07	6.4E+01	3.5E-04	6.1E-04	1.4E-05	4.7E-02	6.7E-01	4.3E-07
834	0.38	3.8E-07	5.6E+01	3.5E-04	6.1E-04	1.2E-05	4.7E-02	6.7E-01	3.8E-07
835	0.51	5.1E-07	7.5E+01	3.5E-04	6.1E-04	1.6E-05	4.7E-02	6.7E-01	5.0E-07
836	0.44	4.4E-07	6.5E+01	3.5E-04	6.1E-04	1.4E-05	4.7E-02	6.7E-01	4.4E-07
837	0.39	3.9E-07	5.8E+01	3.5E-04	6.1E-04	1.2E-05	4.7E-02	6.7E-01	3.9E-07
838	0.52	5.2E-07	7.7E+01	3.5E-04	6.1E-04	1.6E-05	4.7E-02	6.7E-01	5.2E-07
839	0.45	4.5E-07	6.8E+01	3.5E-04	6.1E-04	1.4E-05	4.7E-02	6.7E-01	4.5E-07
840	0.41	4.1E-07	6.2E+01	3.5E-04	6.1E-04	1.3E-05	4.7E-02	6.7E-01	4.1E-07
841	0.54	5.4E-07	8.0E+01	3.5E-04	6.1E-04	1.7E-05	4.7E-02	6.7E-01	5.4E-07
842	0.45	4.5E-07	6.7E+01	3.5E-04	6.1E-04	1.4E-05	4.7E-02	6.7E-01	4.5E-07
843	0.42	4.2E-07	6.3E+01	3.5E-04	6.1E-04	1.3E-05	4.7E-02	6.7E-01	4.2E-07
844	0.55	5.5E-07	8.2E+01	3.5E-04	6.1E-04	1.8E-05	4.7E-02	6.7E-01	5.5E-07
845	0.44	4.4E-07	6.5E+01	3.5E-04	6.1E-04	1.4E-05	4.7E-02	6.7E-01	4.4E-07
846	0.41	4.1E-07	6.1E+01	3.5E-04	6.1E-04	1.3E-05	4.7E-02	6.7E-01	4.1E-07
847	0.56	5.6E-07	8.3E+01	3.5E-04	6.1E-04	1.8E-05	4.7E-02	6.7E-01	5.6E-07
848	0.42	4.2E-07	6.3E+01	3.5E-04	6.1E-04	1.3E-05	4.7E-02	6.7E-01	4.2E-07
849	0.40	4.0E-07	6.0E+01	3.5E-04	6.1E-04	1.3E-05	4.7E-02	6.7E-01	4.0E-07

Franklin School Project
Risk From Modernization Const - Mitigated School

0.61	Max

Onsite

Receptor #	Total/ Million	Total	Conc	g/sec	D1	Dose	R1	ED	Risk
850	0.51	5.1E-07	7.6E+01	3.5E-04	6.1E-04	1.6E-05	4.7E-02	6.7E-01	5.1E-07
851	0.40	4.0E-07	6.0E+01	3.5E-04	6.1E-04	1.3E-05	4.7E-02	6.7E-01	4.0E-07
852	0.45	4.5E-07	6.7E+01	3.5E-04	6.1E-04	1.4E-05	4.7E-02	6.7E-01	4.5E-07
853	0.51	5.1E-07	7.6E+01	3.5E-04	6.1E-04	1.6E-05	4.7E-02	6.7E-01	5.1E-07
854	0.50	5.0E-07	7.4E+01	3.5E-04	6.1E-04	1.6E-05	4.7E-02	6.7E-01	5.0E-07
855	0.44	4.4E-07	6.5E+01	3.5E-04	6.1E-04	1.4E-05	4.7E-02	6.7E-01	4.4E-07
856	0.33	3.3E-07	5.0E+01	3.5E-04	6.1E-04	1.1E-05	4.7E-02	6.7E-01	3.3E-07
857	0.30	3.0E-07	4.5E+01	3.5E-04	6.1E-04	9.6E-06	4.7E-02	6.7E-01	3.0E-07
858	0.32	3.2E-07	4.8E+01	3.5E-04	6.1E-04	1.0E-05	4.7E-02	6.7E-01	3.2E-07
859	0.32	3.2E-07	4.7E+01	3.5E-04	6.1E-04	1.0E-05	4.7E-02	6.7E-01	3.2E-07
860	0.34	3.4E-07	5.1E+01	3.5E-04	6.1E-04	1.1E-05	4.7E-02	6.7E-01	3.4E-07
861	0.29	2.9E-07	4.4E+01	3.5E-04	6.1E-04	9.3E-06	4.7E-02	6.7E-01	2.9E-07
862	0.39	3.9E-07	5.8E+01	3.5E-04	6.1E-04	1.2E-05	4.7E-02	6.7E-01	3.9E-07
863	0.34	3.4E-07	5.1E+01	3.5E-04	6.1E-04	1.1E-05	4.7E-02	6.7E-01	3.4E-07
864	0.37	3.7E-07	5.5E+01	3.5E-04	6.1E-04	1.2E-05	4.7E-02	6.7E-01	3.7E-07
865	0.34	3.4E-07	5.1E+01	3.5E-04	6.1E-04	1.1E-05	4.7E-02	6.7E-01	3.4E-07
866	0.25	2.5E-07	3.8E+01	3.5E-04	6.1E-04	8.0E-06	4.7E-02	6.7E-01	2.5E-07
867	0.45	4.5E-07	6.7E+01	3.5E-04	6.1E-04	1.4E-05	4.7E-02	6.7E-01	4.5E-07
868	0.41	4.1E-07	6.1E+01	3.5E-04	6.1E-04	1.3E-05	4.7E-02	6.7E-01	4.1E-07
869	0.30	3.0E-07	4.5E+01	3.5E-04	6.1E-04	9.6E-06	4.7E-02	6.7E-01	3.0E-07
870	0.43	4.3E-07	6.5E+01	3.5E-04	6.1E-04	1.4E-05	4.7E-02	6.7E-01	4.3E-07
871	0.46	4.6E-07	6.8E+01	3.5E-04	6.1E-04	1.5E-05	4.7E-02	6.7E-01	4.6E-07
872	0.34	3.4E-07	5.0E+01	3.5E-04	6.1E-04	1.1E-05	4.7E-02	6.7E-01	3.4E-07

Franklin School Project

Risk From Modernization Const - Mitigated School

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
807	2.0E+01	2.4E-07	6.1E-04	2.9E-09	4.7E-02	6.7E-01	9.2E-11	9.9E+00	7.7E-07	6.1E-04	4.6E-09	4.7E-02	6.7E-01	1.5E-10
808	1.7E+01	2.4E-07	6.1E-04	2.5E-09	4.7E-02	6.7E-01	7.9E-11	9.6E+00	7.7E-07	6.1E-04	4.5E-09	4.7E-02	6.7E-01	1.4E-10
809	1.6E+01	2.4E-07	6.1E-04	2.4E-09	4.7E-02	6.7E-01	7.5E-11	8.4E+00	7.7E-07	6.1E-04	3.9E-09	4.7E-02	6.7E-01	1.2E-10
810	1.4E+01	2.4E-07	6.1E-04	2.1E-09	4.7E-02	6.7E-01	6.6E-11	8.2E+00	7.7E-07	6.1E-04	3.8E-09	4.7E-02	6.7E-01	1.2E-10
811	1.3E+01	2.4E-07	6.1E-04	2.0E-09	4.7E-02	6.7E-01	6.2E-11	7.2E+00	7.7E-07	6.1E-04	3.4E-09	4.7E-02	6.7E-01	1.1E-10
812	1.2E+01	2.4E-07	6.1E-04	1.8E-09	4.7E-02	6.7E-01	5.6E-11	7.1E+00	7.7E-07	6.1E-04	3.3E-09	4.7E-02	6.7E-01	1.0E-10
813	1.1E+01	2.4E-07	6.1E-04	1.7E-09	4.7E-02	6.7E-01	5.2E-11	6.2E+00	7.7E-07	6.1E-04	2.9E-09	4.7E-02	6.7E-01	9.2E-11
814	1.0E+01	2.4E-07	6.1E-04	1.5E-09	4.7E-02	6.7E-01	4.8E-11	6.2E+00	7.7E-07	6.1E-04	2.9E-09	4.7E-02	6.7E-01	9.1E-11
815	9.5E+00	2.4E-07	6.1E-04	1.4E-09	4.7E-02	6.7E-01	4.4E-11	5.4E+00	7.7E-07	6.1E-04	2.5E-09	4.7E-02	6.7E-01	8.0E-11
816	8.8E+00	2.4E-07	6.1E-04	1.3E-09	4.7E-02	6.7E-01	4.1E-11	5.4E+00	7.7E-07	6.1E-04	2.5E-09	4.7E-02	6.7E-01	8.0E-11
817	8.2E+00	2.4E-07	6.1E-04	1.2E-09	4.7E-02	6.7E-01	3.8E-11	4.8E+00	7.7E-07	6.1E-04	2.2E-09	4.7E-02	6.7E-01	7.1E-11
818	7.7E+00	2.4E-07	6.1E-04	1.1E-09	4.7E-02	6.7E-01	3.6E-11	4.8E+00	7.7E-07	6.1E-04	2.2E-09	4.7E-02	6.7E-01	7.1E-11
819	7.1E+00	2.4E-07	6.1E-04	1.0E-09	4.7E-02	6.7E-01	3.3E-11	4.3E+00	7.7E-07	6.1E-04	2.0E-09	4.7E-02	6.7E-01	6.3E-11
820	6.7E+00	2.4E-07	6.1E-04	9.9E-10	4.7E-02	6.7E-01	3.1E-11	4.3E+00	7.7E-07	6.1E-04	2.0E-09	4.7E-02	6.7E-01	6.3E-11
821	3.2E+01	2.4E-07	6.1E-04	4.8E-09	4.7E-02	6.7E-01	1.5E-10	1.8E+01	7.7E-07	6.1E-04	8.4E-09	4.7E-02	6.7E-01	2.7E-10
822	6.9E+01	2.4E-07	6.1E-04	1.0E-08	4.7E-02	6.7E-01	3.2E-10	1.8E+01	7.7E-07	6.1E-04	8.6E-09	4.7E-02	6.7E-01	2.7E-10
823	4.7E+01	2.4E-07	6.1E-04	6.9E-09	4.7E-02	6.7E-01	2.2E-10	1.8E+01	7.7E-07	6.1E-04	8.5E-09	4.7E-02	6.7E-01	2.7E-10
824	2.2E+01	2.4E-07	6.1E-04	3.2E-09	4.7E-02	6.7E-01	1.0E-10	1.4E+01	7.7E-07	6.1E-04	6.6E-09	4.7E-02	6.7E-01	2.1E-10
825	5.0E+01	2.4E-07	6.1E-04	7.5E-09	4.7E-02	6.7E-01	2.4E-10	1.4E+01	7.7E-07	6.1E-04	6.8E-09	4.7E-02	6.7E-01	2.1E-10
826	3.7E+01	2.4E-07	6.1E-04	5.5E-09	4.7E-02	6.7E-01	1.7E-10	1.4E+01	7.7E-07	6.1E-04	6.8E-09	4.7E-02	6.7E-01	2.1E-10
827	4.4E+01	2.4E-07	6.1E-04	6.6E-09	4.7E-02	6.7E-01	2.1E-10	1.1E+01	7.7E-07	6.1E-04	5.3E-09	4.7E-02	6.7E-01	1.7E-10
828	3.6E+01	2.4E-07	6.1E-04	5.3E-09	4.7E-02	6.7E-01	1.7E-10	1.2E+01	7.7E-07	6.1E-04	5.5E-09	4.7E-02	6.7E-01	1.7E-10
829	2.9E+01	2.4E-07	6.1E-04	4.3E-09	4.7E-02	6.7E-01	1.3E-10	1.2E+01	7.7E-07	6.1E-04	5.5E-09	4.7E-02	6.7E-01	1.7E-10
830	3.0E+01	2.4E-07	6.1E-04	4.4E-09	4.7E-02	6.7E-01	1.4E-10	9.4E+00	7.7E-07	6.1E-04	4.4E-09	4.7E-02	6.7E-01	1.4E-10
831	2.6E+01	2.4E-07	6.1E-04	3.9E-09	4.7E-02	6.7E-01	1.2E-10	9.7E+00	7.7E-07	6.1E-04	4.5E-09	4.7E-02	6.7E-01	1.4E-10
832	2.2E+01	2.4E-07	6.1E-04	3.3E-09	4.7E-02	6.7E-01	1.0E-10	9.7E+00	7.7E-07	6.1E-04	4.5E-09	4.7E-02	6.7E-01	1.4E-10
833	2.2E+01	2.4E-07	6.1E-04	3.2E-09	4.7E-02	6.7E-01	1.0E-10	7.9E+00	7.7E-07	6.1E-04	3.7E-09	4.7E-02	6.7E-01	1.2E-10
834	2.0E+01	2.4E-07	6.1E-04	2.9E-09	4.7E-02	6.7E-01	9.2E-11	8.1E+00	7.7E-07	6.1E-04	3.8E-09	4.7E-02	6.7E-01	1.2E-10
835	1.8E+01	2.4E-07	6.1E-04	2.6E-09	4.7E-02	6.7E-01	8.3E-11	8.2E+00	7.7E-07	6.1E-04	3.8E-09	4.7E-02	6.7E-01	1.2E-10
836	1.7E+01	2.4E-07	6.1E-04	2.6E-09	4.7E-02	6.7E-01	8.1E-11	7.0E+00	7.7E-07	6.1E-04	3.3E-09	4.7E-02	6.7E-01	1.0E-10
837	1.6E+01	2.4E-07	6.1E-04	2.4E-09	4.7E-02	6.7E-01	7.6E-11	7.1E+00	7.7E-07	6.1E-04	3.3E-09	4.7E-02	6.7E-01	1.1E-10
838	1.5E+01	2.4E-07	6.1E-04	2.2E-09	4.7E-02	6.7E-01	7.0E-11	7.2E+00	7.7E-07	6.1E-04	3.4E-09	4.7E-02	6.7E-01	1.1E-10
839	1.4E+01	2.4E-07	6.1E-04	2.0E-09	4.7E-02	6.7E-01	6.4E-11	6.0E+00	7.7E-07	6.1E-04	2.8E-09	4.7E-02	6.7E-01	8.8E-11
840	1.3E+01	2.4E-07	6.1E-04	1.9E-09	4.7E-02	6.7E-01	6.1E-11	6.1E+00	7.7E-07	6.1E-04	2.9E-09	4.7E-02	6.7E-01	9.1E-11
841	1.2E+01	2.4E-07	6.1E-04	1.8E-09	4.7E-02	6.7E-01	5.7E-11	6.2E+00	7.7E-07	6.1E-04	2.9E-09	4.7E-02	6.7E-01	9.2E-11
842	1.1E+01	2.4E-07	6.1E-04	1.6E-09	4.7E-02	6.7E-01	5.2E-11	5.2E+00	7.7E-07	6.1E-04	2.4E-09	4.7E-02	6.7E-01	7.7E-11
843	1.1E+01	2.4E-07	6.1E-04	1.6E-09	4.7E-02	6.7E-01	5.0E-11	5.4E+00	7.7E-07	6.1E-04	2.5E-09	4.7E-02	6.7E-01	7.9E-11
844	1.0E+01	2.4E-07	6.1E-04	1.5E-09	4.7E-02	6.7E-01	4.8E-11	5.4E+00	7.7E-07	6.1E-04	2.5E-09	4.7E-02	6.7E-01	8.0E-11
845	9.1E+00	2.4E-07	6.1E-04	1.4E-09	4.7E-02	6.7E-01	4.3E-11	4.6E+00	7.7E-07	6.1E-04	2.1E-09	4.7E-02	6.7E-01	6.8E-11
846	8.9E+00	2.4E-07	6.1E-04	1.3E-09	4.7E-02	6.7E-01	4.2E-11	4.7E+00	7.7E-07	6.1E-04	2.2E-09	4.7E-02	6.7E-01	6.9E-11
847	8.6E+00	2.4E-07	6.1E-04	1.3E-09	4.7E-02	6.7E-01	4.0E-11	4.8E+00	7.7E-07	6.1E-04	2.2E-09	4.7E-02	6.7E-01	7.0E-11
848	7.7E+00	2.4E-07	6.1E-04	1.1E-09	4.7E-02	6.7E-01	3.6E-11	4.1E+00	7.7E-07	6.1E-04	1.9E-09	4.7E-02	6.7E-01	6.0E-11
849	7.6E+00	2.4E-07	6.1E-04	1.1E-09	4.7E-02	6.7E-01	3.5E-11	4.2E+00	7.7E-07	6.1E-04	2.0E-09	4.7E-02	6.7E-01	6.2E-11

Franklin School Project

Risk From Modernization Const - Mitigated School

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
850	7.4E+00	2.4E-07	6.1E-04	1.1E-09	4.7E-02	6.7E-01	3.4E-11	4.2E+00	7.7E-07	6.1E-04	2.0E-09	4.7E-02	6.7E-01	6.2E-11
851	7.2E+00	2.4E-07	6.1E-04	1.1E-09	4.7E-02	6.7E-01	3.4E-11	3.9E+00	7.7E-07	6.1E-04	1.8E-09	4.7E-02	6.7E-01	5.8E-11
852	7.1E+00	2.4E-07	6.1E-04	1.0E-09	4.7E-02	6.7E-01	3.3E-11	4.0E+00	7.7E-07	6.1E-04	1.9E-09	4.7E-02	6.7E-01	5.9E-11
853	6.9E+00	2.4E-07	6.1E-04	1.0E-09	4.7E-02	6.7E-01	3.2E-11	4.1E+00	7.7E-07	6.1E-04	1.9E-09	4.7E-02	6.7E-01	6.0E-11
854	6.6E+00	2.4E-07	6.1E-04	9.8E-10	4.7E-02	6.7E-01	3.1E-11	4.1E+00	7.7E-07	6.1E-04	1.9E-09	4.7E-02	6.7E-01	6.0E-11
855	6.3E+00	2.4E-07	6.1E-04	9.3E-10	4.7E-02	6.7E-01	2.9E-11	4.1E+00	7.7E-07	6.1E-04	1.9E-09	4.7E-02	6.7E-01	6.0E-11
856	6.2E+00	2.4E-07	6.1E-04	9.2E-10	4.7E-02	6.7E-01	2.9E-11	3.5E+00	7.7E-07	6.1E-04	1.6E-09	4.7E-02	6.7E-01	5.2E-11
857	6.1E+00	2.4E-07	6.1E-04	9.1E-10	4.7E-02	6.7E-01	2.9E-11	3.6E+00	7.7E-07	6.1E-04	1.7E-09	4.7E-02	6.7E-01	5.3E-11
858	6.0E+00	2.4E-07	6.1E-04	8.9E-10	4.7E-02	6.7E-01	2.8E-11	3.6E+00	7.7E-07	6.1E-04	1.7E-09	4.7E-02	6.7E-01	5.4E-11
859	5.8E+00	2.4E-07	6.1E-04	8.6E-10	4.7E-02	6.7E-01	2.7E-11	3.7E+00	7.7E-07	6.1E-04	1.7E-09	4.7E-02	6.7E-01	5.4E-11
860	5.6E+00	2.4E-07	6.1E-04	8.3E-10	4.7E-02	6.7E-01	2.6E-11	3.7E+00	7.7E-07	6.1E-04	1.7E-09	4.7E-02	6.7E-01	5.4E-11
861	5.4E+00	2.4E-07	6.1E-04	8.0E-10	4.7E-02	6.7E-01	2.5E-11	3.2E+00	7.7E-07	6.1E-04	1.5E-09	4.7E-02	6.7E-01	4.7E-11
862	5.3E+00	2.4E-07	6.1E-04	7.9E-10	4.7E-02	6.7E-01	2.5E-11	3.2E+00	7.7E-07	6.1E-04	1.5E-09	4.7E-02	6.7E-01	4.8E-11
863	5.3E+00	2.4E-07	6.1E-04	7.8E-10	4.7E-02	6.7E-01	2.5E-11	3.3E+00	7.7E-07	6.1E-04	1.5E-09	4.7E-02	6.7E-01	4.8E-11
864	5.1E+00	2.4E-07	6.1E-04	7.6E-10	4.7E-02	6.7E-01	2.4E-11	3.3E+00	7.7E-07	6.1E-04	1.5E-09	4.7E-02	6.7E-01	4.9E-11
865	5.0E+00	2.4E-07	6.1E-04	7.4E-10	4.7E-02	6.7E-01	2.3E-11	3.3E+00	7.7E-07	6.1E-04	1.5E-09	4.7E-02	6.7E-01	4.9E-11
866	4.6E+01	2.4E-07	6.1E-04	6.7E-09	4.7E-02	6.7E-01	2.1E-10	1.9E+01	7.7E-07	6.1E-04	8.9E-09	4.7E-02	6.7E-01	2.8E-10
867	3.7E+01	2.4E-07	6.1E-04	5.5E-09	4.7E-02	6.7E-01	1.7E-10	1.5E+01	7.7E-07	6.1E-04	7.1E-09	4.7E-02	6.7E-01	2.2E-10
868	2.9E+01	2.4E-07	6.1E-04	4.2E-09	4.7E-02	6.7E-01	1.3E-10	1.5E+01	7.7E-07	6.1E-04	6.8E-09	4.7E-02	6.7E-01	2.2E-10
869	2.3E+01	2.4E-07	6.1E-04	3.4E-09	4.7E-02	6.7E-01	1.1E-10	1.4E+01	7.7E-07	6.1E-04	6.5E-09	4.7E-02	6.7E-01	2.0E-10
870	2.9E+01	2.4E-07	6.1E-04	4.3E-09	4.7E-02	6.7E-01	1.4E-10	1.2E+01	7.7E-07	6.1E-04	5.7E-09	4.7E-02	6.7E-01	1.8E-10
871	2.4E+01	2.4E-07	6.1E-04	3.5E-09	4.7E-02	6.7E-01	1.1E-10	1.2E+01	7.7E-07	6.1E-04	5.6E-09	4.7E-02	6.7E-01	1.8E-10
872	2.0E+01	2.4E-07	6.1E-04	2.9E-09	4.7E-02	6.7E-01	9.2E-11	1.1E+01	7.7E-07	6.1E-04	5.3E-09	4.7E-02	6.7E-01	1.7E-10

Franklin School Project

Risk From Modernization Const - Mitigated School

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
807	3.6E+00	1.6E-06	6.1E-04	3.5E-09	4.7E-02	6.7E-01	1.1E-10	8.5E-01	1.7E-07	6.1E-04	8.8E-11	4.7E-02	6.7E-01	2.8E-12
808	3.5E+00	1.6E-06	6.1E-04	3.4E-09	4.7E-02	6.7E-01	1.1E-10	8.3E-01	1.7E-07	6.1E-04	8.6E-11	4.7E-02	6.7E-01	2.7E-12
809	3.3E+00	1.6E-06	6.1E-04	3.1E-09	4.7E-02	6.7E-01	9.9E-11	8.2E-01	1.7E-07	6.1E-04	8.4E-11	4.7E-02	6.7E-01	2.7E-12
810	3.2E+00	1.6E-06	6.1E-04	3.1E-09	4.7E-02	6.7E-01	9.6E-11	8.0E-01	1.7E-07	6.1E-04	8.2E-11	4.7E-02	6.7E-01	2.6E-12
811	2.9E+00	1.6E-06	6.1E-04	2.8E-09	4.7E-02	6.7E-01	8.9E-11	7.8E-01	1.7E-07	6.1E-04	8.1E-11	4.7E-02	6.7E-01	2.5E-12
812	2.9E+00	1.6E-06	6.1E-04	2.8E-09	4.7E-02	6.7E-01	8.7E-11	7.7E-01	1.7E-07	6.1E-04	7.9E-11	4.7E-02	6.7E-01	2.5E-12
813	2.7E+00	1.6E-06	6.1E-04	2.6E-09	4.7E-02	6.7E-01	8.1E-11	7.5E-01	1.7E-07	6.1E-04	7.8E-11	4.7E-02	6.7E-01	2.4E-12
814	2.6E+00	1.6E-06	6.1E-04	2.5E-09	4.7E-02	6.7E-01	7.9E-11	7.4E-01	1.7E-07	6.1E-04	7.6E-11	4.7E-02	6.7E-01	2.4E-12
815	2.4E+00	1.6E-06	6.1E-04	2.3E-09	4.7E-02	6.7E-01	7.3E-11	7.2E-01	1.7E-07	6.1E-04	7.5E-11	4.7E-02	6.7E-01	2.4E-12
816	2.4E+00	1.6E-06	6.1E-04	2.3E-09	4.7E-02	6.7E-01	7.3E-11	7.1E-01	1.7E-07	6.1E-04	7.3E-11	4.7E-02	6.7E-01	2.3E-12
817	2.2E+00	1.6E-06	6.1E-04	2.1E-09	4.7E-02	6.7E-01	6.7E-11	7.0E-01	1.7E-07	6.1E-04	7.2E-11	4.7E-02	6.7E-01	2.3E-12
818	2.2E+00	1.6E-06	6.1E-04	2.1E-09	4.7E-02	6.7E-01	6.6E-11	6.8E-01	1.7E-07	6.1E-04	7.1E-11	4.7E-02	6.7E-01	2.2E-12
819	2.0E+00	1.6E-06	6.1E-04	2.0E-09	4.7E-02	6.7E-01	6.2E-11	6.7E-01	1.7E-07	6.1E-04	6.9E-11	4.7E-02	6.7E-01	2.2E-12
820	2.0E+00	1.6E-06	6.1E-04	1.9E-09	4.7E-02	6.7E-01	6.1E-11	6.6E-01	1.7E-07	6.1E-04	6.8E-11	4.7E-02	6.7E-01	2.1E-12
821	5.7E+00	1.6E-06	6.1E-04	5.4E-09	4.7E-02	6.7E-01	1.7E-10	1.0E+00	1.7E-07	6.1E-04	1.1E-10	4.7E-02	6.7E-01	3.3E-12
822	5.6E+00	1.6E-06	6.1E-04	5.3E-09	4.7E-02	6.7E-01	1.7E-10	1.0E+00	1.7E-07	6.1E-04	1.0E-10	4.7E-02	6.7E-01	3.3E-12
823	5.4E+00	1.6E-06	6.1E-04	5.2E-09	4.7E-02	6.7E-01	1.6E-10	9.8E-01	1.7E-07	6.1E-04	1.0E-10	4.7E-02	6.7E-01	3.2E-12
824	4.8E+00	1.6E-06	6.1E-04	4.6E-09	4.7E-02	6.7E-01	1.5E-10	9.8E-01	1.7E-07	6.1E-04	1.0E-10	4.7E-02	6.7E-01	3.2E-12
825	4.8E+00	1.6E-06	6.1E-04	4.6E-09	4.7E-02	6.7E-01	1.4E-10	9.6E-01	1.7E-07	6.1E-04	9.9E-11	4.7E-02	6.7E-01	3.1E-12
826	4.7E+00	1.6E-06	6.1E-04	4.5E-09	4.7E-02	6.7E-01	1.4E-10	9.4E-01	1.7E-07	6.1E-04	9.7E-11	4.7E-02	6.7E-01	3.1E-12
827	4.2E+00	1.6E-06	6.1E-04	4.0E-09	4.7E-02	6.7E-01	1.3E-10	9.4E-01	1.7E-07	6.1E-04	9.7E-11	4.7E-02	6.7E-01	3.0E-12
828	4.2E+00	1.6E-06	6.1E-04	4.0E-09	4.7E-02	6.7E-01	1.3E-10	9.2E-01	1.7E-07	6.1E-04	9.5E-11	4.7E-02	6.7E-01	3.0E-12
829	4.1E+00	1.6E-06	6.1E-04	3.9E-09	4.7E-02	6.7E-01	1.2E-10	9.0E-01	1.7E-07	6.1E-04	9.3E-11	4.7E-02	6.7E-01	2.9E-12
830	3.7E+00	1.6E-06	6.1E-04	3.5E-09	4.7E-02	6.7E-01	1.1E-10	9.0E-01	1.7E-07	6.1E-04	9.2E-11	4.7E-02	6.7E-01	2.9E-12
831	3.7E+00	1.6E-06	6.1E-04	3.5E-09	4.7E-02	6.7E-01	1.1E-10	8.8E-01	1.7E-07	6.1E-04	9.1E-11	4.7E-02	6.7E-01	2.9E-12
832	3.6E+00	1.6E-06	6.1E-04	3.5E-09	4.7E-02	6.7E-01	1.1E-10	8.6E-01	1.7E-07	6.1E-04	8.9E-11	4.7E-02	6.7E-01	2.8E-12
833	3.2E+00	1.6E-06	6.1E-04	3.1E-09	4.7E-02	6.7E-01	9.8E-11	8.6E-01	1.7E-07	6.1E-04	8.8E-11	4.7E-02	6.7E-01	2.8E-12
834	3.3E+00	1.6E-06	6.1E-04	3.1E-09	4.7E-02	6.7E-01	9.9E-11	8.4E-01	1.7E-07	6.1E-04	8.7E-11	4.7E-02	6.7E-01	2.7E-12
835	3.2E+00	1.6E-06	6.1E-04	3.1E-09	4.7E-02	6.7E-01	9.8E-11	8.3E-01	1.7E-07	6.1E-04	8.5E-11	4.7E-02	6.7E-01	2.7E-12
836	3.0E+00	1.6E-06	6.1E-04	2.8E-09	4.7E-02	6.7E-01	9.0E-11	8.3E-01	1.7E-07	6.1E-04	8.6E-11	4.7E-02	6.7E-01	2.7E-12
837	3.0E+00	1.6E-06	6.1E-04	2.9E-09	4.7E-02	6.7E-01	9.0E-11	8.1E-01	1.7E-07	6.1E-04	8.4E-11	4.7E-02	6.7E-01	2.6E-12
838	3.0E+00	1.6E-06	6.1E-04	2.9E-09	4.7E-02	6.7E-01	9.0E-11	8.0E-01	1.7E-07	6.1E-04	8.3E-11	4.7E-02	6.7E-01	2.6E-12
839	2.7E+00	1.6E-06	6.1E-04	2.6E-09	4.7E-02	6.7E-01	8.1E-11	7.9E-01	1.7E-07	6.1E-04	8.2E-11	4.7E-02	6.7E-01	2.6E-12
840	2.7E+00	1.6E-06	6.1E-04	2.6E-09	4.7E-02	6.7E-01	8.1E-11	7.8E-01	1.7E-07	6.1E-04	8.1E-11	4.7E-02	6.7E-01	2.5E-12
841	2.7E+00	1.6E-06	6.1E-04	2.6E-09	4.7E-02	6.7E-01	8.1E-11	7.7E-01	1.7E-07	6.1E-04	7.9E-11	4.7E-02	6.7E-01	2.5E-12
842	2.4E+00	1.6E-06	6.1E-04	2.3E-09	4.7E-02	6.7E-01	7.3E-11	7.6E-01	1.7E-07	6.1E-04	7.9E-11	4.7E-02	6.7E-01	2.5E-12
843	2.4E+00	1.6E-06	6.1E-04	2.3E-09	4.7E-02	6.7E-01	7.4E-11	7.5E-01	1.7E-07	6.1E-04	7.7E-11	4.7E-02	6.7E-01	2.4E-12
844	2.4E+00	1.6E-06	6.1E-04	2.3E-09	4.7E-02	6.7E-01	7.4E-11	7.4E-01	1.7E-07	6.1E-04	7.6E-11	4.7E-02	6.7E-01	2.4E-12
845	2.2E+00	1.6E-06	6.1E-04	2.1E-09	4.7E-02	6.7E-01	6.7E-11	7.3E-01	1.7E-07	6.1E-04	7.6E-11	4.7E-02	6.7E-01	2.4E-12
846	2.2E+00	1.6E-06	6.1E-04	2.1E-09	4.7E-02	6.7E-01	6.7E-11	7.2E-01	1.7E-07	6.1E-04	7.4E-11	4.7E-02	6.7E-01	2.3E-12
847	2.2E+00	1.6E-06	6.1E-04	2.1E-09	4.7E-02	6.7E-01	6.7E-11	7.1E-01	1.7E-07	6.1E-04	7.3E-11	4.7E-02	6.7E-01	2.3E-12
848	2.0E+00	1.6E-06	6.1E-04	1.9E-09	4.7E-02	6.7E-01	6.1E-11	7.0E-01	1.7E-07	6.1E-04	7.3E-11	4.7E-02	6.7E-01	2.3E-12
849	2.0E+00	1.6E-06	6.1E-04	1.9E-09	4.7E-02	6.7E-01	6.1E-11	6.9E-01	1.7E-07	6.1E-04	7.2E-11	4.7E-02	6.7E-01	2.3E-12

Franklin School Project
Risk From Modernization Const - Mitigated School

	Haul Route 1A							Haul Route 2A						
Receptor #	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
850	2.0E+00	1.6E-06	6.1E-04	2.0E-09	4.7E-02	6.7E-01	6.2E-11	6.8E-01	1.7E-07	6.1E-04	7.0E-11	4.7E-02	6.7E-01	2.2E-12
851	1.9E+00	1.6E-06	6.1E-04	1.9E-09	4.7E-02	6.7E-01	5.9E-11	6.9E-01	1.7E-07	6.1E-04	7.1E-11	4.7E-02	6.7E-01	2.2E-12
852	2.0E+00	1.6E-06	6.1E-04	1.9E-09	4.7E-02	6.7E-01	5.9E-11	6.8E-01	1.7E-07	6.1E-04	7.0E-11	4.7E-02	6.7E-01	2.2E-12
853	2.0E+00	1.6E-06	6.1E-04	1.9E-09	4.7E-02	6.7E-01	6.0E-11	6.7E-01	1.7E-07	6.1E-04	6.9E-11	4.7E-02	6.7E-01	2.2E-12
854	2.0E+00	1.6E-06	6.1E-04	1.9E-09	4.7E-02	6.7E-01	5.9E-11	6.6E-01	1.7E-07	6.1E-04	6.8E-11	4.7E-02	6.7E-01	2.1E-12
855	2.0E+00	1.6E-06	6.1E-04	1.9E-09	4.7E-02	6.7E-01	5.9E-11	6.5E-01	1.7E-07	6.1E-04	6.7E-11	4.7E-02	6.7E-01	2.1E-12
856	1.8E+00	1.6E-06	6.1E-04	1.7E-09	4.7E-02	6.7E-01	5.4E-11	6.6E-01	1.7E-07	6.1E-04	6.9E-11	4.7E-02	6.7E-01	2.2E-12
857	1.8E+00	1.6E-06	6.1E-04	1.7E-09	4.7E-02	6.7E-01	5.5E-11	6.5E-01	1.7E-07	6.1E-04	6.8E-11	4.7E-02	6.7E-01	2.1E-12
858	1.8E+00	1.6E-06	6.1E-04	1.7E-09	4.7E-02	6.7E-01	5.5E-11	6.5E-01	1.7E-07	6.1E-04	6.7E-11	4.7E-02	6.7E-01	2.1E-12
859	1.8E+00	1.6E-06	6.1E-04	1.7E-09	4.7E-02	6.7E-01	5.5E-11	6.4E-01	1.7E-07	6.1E-04	6.6E-11	4.7E-02	6.7E-01	2.1E-12
860	1.8E+00	1.6E-06	6.1E-04	1.7E-09	4.7E-02	6.7E-01	5.5E-11	6.2E-01	1.7E-07	6.1E-04	6.4E-11	4.7E-02	6.7E-01	2.0E-12
861	1.7E+00	1.6E-06	6.1E-04	1.6E-09	4.7E-02	6.7E-01	5.0E-11	6.4E-01	1.7E-07	6.1E-04	6.6E-11	4.7E-02	6.7E-01	2.1E-12
862	1.7E+00	1.6E-06	6.1E-04	1.6E-09	4.7E-02	6.7E-01	5.1E-11	6.3E-01	1.7E-07	6.1E-04	6.5E-11	4.7E-02	6.7E-01	2.1E-12
863	1.7E+00	1.6E-06	6.1E-04	1.6E-09	4.7E-02	6.7E-01	5.1E-11	6.2E-01	1.7E-07	6.1E-04	6.4E-11	4.7E-02	6.7E-01	2.0E-12
864	1.7E+00	1.6E-06	6.1E-04	1.6E-09	4.7E-02	6.7E-01	5.1E-11	6.1E-01	1.7E-07	6.1E-04	6.3E-11	4.7E-02	6.7E-01	2.0E-12
865	1.7E+00	1.6E-06	6.1E-04	1.6E-09	4.7E-02	6.7E-01	5.1E-11	6.0E-01	1.7E-07	6.1E-04	6.2E-11	4.7E-02	6.7E-01	2.0E-12
866	5.5E+00	1.6E-06	6.1E-04	5.3E-09	4.7E-02	6.7E-01	1.7E-10	9.9E-01	1.7E-07	6.1E-04	1.0E-10	4.7E-02	6.7E-01	3.2E-12
867	4.8E+00	1.6E-06	6.1E-04	4.6E-09	4.7E-02	6.7E-01	1.4E-10	9.4E-01	1.7E-07	6.1E-04	9.7E-11	4.7E-02	6.7E-01	3.1E-12
868	4.6E+00	1.6E-06	6.1E-04	4.4E-09	4.7E-02	6.7E-01	1.4E-10	9.2E-01	1.7E-07	6.1E-04	9.5E-11	4.7E-02	6.7E-01	3.0E-12
869	4.4E+00	1.6E-06	6.1E-04	4.2E-09	4.7E-02	6.7E-01	1.3E-10	9.0E-01	1.7E-07	6.1E-04	9.3E-11	4.7E-02	6.7E-01	2.9E-12
870	4.2E+00	1.6E-06	6.1E-04	4.0E-09	4.7E-02	6.7E-01	1.3E-10	9.0E-01	1.7E-07	6.1E-04	9.3E-11	4.7E-02	6.7E-01	2.9E-12
871	4.1E+00	1.6E-06	6.1E-04	3.9E-09	4.7E-02	6.7E-01	1.2E-10	8.8E-01	1.7E-07	6.1E-04	9.1E-11	4.7E-02	6.7E-01	2.9E-12
872	3.9E+00	1.6E-06	6.1E-04	3.8E-09	4.7E-02	6.7E-01	1.2E-10	8.6E-01	1.7E-07	6.1E-04	8.9E-11	4.7E-02	6.7E-01	2.8E-12

Risk From Modernization AC - Mitigated School

Franklin School Project

Risk From Modernization AC - Mitigated School

0.11	Max

Onsite

Receptor #	Total/ Million	Total	Conc	g/sec	D1	Dose	R1	ED	Risk
807	0.09	8.8E-08	7.5E+01	1.5E-04	6.1E-04	6.8E-06	4.7E-02	2.7E-01	8.8E-08
808	0.06	6.5E-08	5.5E+01	1.5E-04	6.1E-04	5.0E-06	4.7E-02	2.7E-01	6.5E-08
809	0.09	9.2E-08	7.8E+01	1.5E-04	6.1E-04	7.1E-06	4.7E-02	2.7E-01	9.2E-08
810	0.07	6.8E-08	5.8E+01	1.5E-04	6.1E-04	5.3E-06	4.7E-02	2.7E-01	6.8E-08
811	0.09	9.4E-08	8.0E+01	1.5E-04	6.1E-04	7.3E-06	4.7E-02	2.7E-01	9.4E-08
812	0.07	7.0E-08	6.0E+01	1.5E-04	6.1E-04	5.4E-06	4.7E-02	2.7E-01	7.0E-08
813	0.10	9.7E-08	8.2E+01	1.5E-04	6.1E-04	7.5E-06	4.7E-02	2.7E-01	9.7E-08
814	0.07	7.3E-08	6.2E+01	1.5E-04	6.1E-04	5.6E-06	4.7E-02	2.7E-01	7.3E-08
815	0.10	1.0E-07	8.5E+01	1.5E-04	6.1E-04	7.7E-06	4.7E-02	2.7E-01	1.0E-07
816	0.08	7.6E-08	6.5E+01	1.5E-04	6.1E-04	5.9E-06	4.7E-02	2.7E-01	7.6E-08
817	0.11	1.1E-07	9.0E+01	1.5E-04	6.1E-04	8.2E-06	4.7E-02	2.7E-01	1.1E-07
818	0.08	8.2E-08	7.0E+01	1.5E-04	6.1E-04	6.4E-06	4.7E-02	2.7E-01	8.2E-08
819	0.11	1.1E-07	9.1E+01	1.5E-04	6.1E-04	8.2E-06	4.7E-02	2.7E-01	1.1E-07
820	0.08	7.9E-08	6.7E+01	1.5E-04	6.1E-04	6.1E-06	4.7E-02	2.7E-01	7.9E-08
821	0.04	3.9E-08	3.3E+01	1.5E-04	6.1E-04	3.0E-06	4.7E-02	2.7E-01	3.9E-08
822	0.04	3.5E-08	3.0E+01	1.5E-04	6.1E-04	2.7E-06	4.7E-02	2.7E-01	3.5E-08
823	0.05	4.9E-08	4.2E+01	1.5E-04	6.1E-04	3.8E-06	4.7E-02	2.7E-01	4.9E-08
824	0.04	4.5E-08	3.8E+01	1.5E-04	6.1E-04	3.5E-06	4.7E-02	2.7E-01	4.5E-08
825	0.03	3.1E-08	2.7E+01	1.5E-04	6.1E-04	2.4E-06	4.7E-02	2.7E-01	3.1E-08
826	0.06	5.7E-08	4.9E+01	1.5E-04	6.1E-04	4.4E-06	4.7E-02	2.7E-01	5.7E-08
827	0.07	6.9E-08	5.9E+01	1.5E-04	6.1E-04	5.3E-06	4.7E-02	2.7E-01	6.9E-08
828	0.06	6.2E-08	5.3E+01	1.5E-04	6.1E-04	4.8E-06	4.7E-02	2.7E-01	6.2E-08
829	0.08	8.3E-08	7.1E+01	1.5E-04	6.1E-04	6.4E-06	4.7E-02	2.7E-01	8.3E-08
830	0.07	7.2E-08	6.2E+01	1.5E-04	6.1E-04	5.6E-06	4.7E-02	2.7E-01	7.2E-08
831	0.06	6.4E-08	5.5E+01	1.5E-04	6.1E-04	5.0E-06	4.7E-02	2.7E-01	6.4E-08
832	0.09	8.6E-08	7.4E+01	1.5E-04	6.1E-04	6.7E-06	4.7E-02	2.7E-01	8.6E-08
833	0.07	7.5E-08	6.4E+01	1.5E-04	6.1E-04	5.8E-06	4.7E-02	2.7E-01	7.5E-08
834	0.07	6.6E-08	5.6E+01	1.5E-04	6.1E-04	5.1E-06	4.7E-02	2.7E-01	6.6E-08
835	0.09	8.8E-08	7.5E+01	1.5E-04	6.1E-04	6.8E-06	4.7E-02	2.7E-01	8.8E-08
836	0.08	7.7E-08	6.5E+01	1.5E-04	6.1E-04	6.0E-06	4.7E-02	2.7E-01	7.7E-08
837	0.07	6.8E-08	5.8E+01	1.5E-04	6.1E-04	5.3E-06	4.7E-02	2.7E-01	6.8E-08
838	0.09	9.1E-08	7.7E+01	1.5E-04	6.1E-04	7.0E-06	4.7E-02	2.7E-01	9.1E-08
839	0.08	7.9E-08	6.8E+01	1.5E-04	6.1E-04	6.1E-06	4.7E-02	2.7E-01	7.9E-08
840	0.07	7.2E-08	6.2E+01	1.5E-04	6.1E-04	5.6E-06	4.7E-02	2.7E-01	7.2E-08
841	0.09	9.4E-08	8.0E+01	1.5E-04	6.1E-04	7.3E-06	4.7E-02	2.7E-01	9.4E-08
842	0.08	7.9E-08	6.7E+01	1.5E-04	6.1E-04	6.1E-06	4.7E-02	2.7E-01	7.9E-08
843	0.07	7.4E-08	6.3E+01	1.5E-04	6.1E-04	5.7E-06	4.7E-02	2.7E-01	7.4E-08
844	0.10	9.7E-08	8.2E+01	1.5E-04	6.1E-04	7.5E-06	4.7E-02	2.7E-01	9.7E-08
845	0.08	7.7E-08	6.5E+01	1.5E-04	6.1E-04	5.9E-06	4.7E-02	2.7E-01	7.7E-08

846	0.07	7.2E-08	6.1E+01	1.5E-04	6.1E-04	5.6E-06	4.7E-02	2.7E-01	7.2E-08
847	0.10	9.8E-08	8.3E+01	1.5E-04	6.1E-04	7.6E-06	4.7E-02	2.7E-01	9.8E-08
848	0.07	7.4E-08	6.3E+01	1.5E-04	6.1E-04	5.7E-06	4.7E-02	2.7E-01	7.4E-08
849	0.07	7.1E-08	6.0E+01	1.5E-04	6.1E-04	5.5E-06	4.7E-02	2.7E-01	7.1E-08
850	0.09	8.9E-08	7.6E+01	1.5E-04	6.1E-04	6.9E-06	4.7E-02	2.7E-01	8.9E-08
851	0.07	7.1E-08	6.0E+01	1.5E-04	6.1E-04	5.5E-06	4.7E-02	2.7E-01	7.1E-08
852	0.08	7.8E-08	6.7E+01	1.5E-04	6.1E-04	6.1E-06	4.7E-02	2.7E-01	7.8E-08
853	0.09	8.9E-08	7.6E+01	1.5E-04	6.1E-04	6.9E-06	4.7E-02	2.7E-01	8.9E-08
854	0.09	8.7E-08	7.4E+01	1.5E-04	6.1E-04	6.7E-06	4.7E-02	2.7E-01	8.7E-08
855	0.08	7.7E-08	6.5E+01	1.5E-04	6.1E-04	5.9E-06	4.7E-02	2.7E-01	7.7E-08
856	0.06	5.8E-08	5.0E+01	1.5E-04	6.1E-04	4.5E-06	4.7E-02	2.7E-01	5.8E-08
857	0.05	5.3E-08	4.5E+01	1.5E-04	6.1E-04	4.1E-06	4.7E-02	2.7E-01	5.3E-08
858	0.06	5.7E-08	4.8E+01	1.5E-04	6.1E-04	4.4E-06	4.7E-02	2.7E-01	5.7E-08
859	0.06	5.5E-08	4.7E+01	1.5E-04	6.1E-04	4.3E-06	4.7E-02	2.7E-01	5.5E-08
860	0.06	6.0E-08	5.1E+01	1.5E-04	6.1E-04	4.6E-06	4.7E-02	2.7E-01	6.0E-08
861	0.05	5.1E-08	4.4E+01	1.5E-04	6.1E-04	4.0E-06	4.7E-02	2.7E-01	5.1E-08
862	0.07	6.8E-08	5.8E+01	1.5E-04	6.1E-04	5.2E-06	4.7E-02	2.7E-01	6.8E-08
863	0.06	6.0E-08	5.1E+01	1.5E-04	6.1E-04	4.7E-06	4.7E-02	2.7E-01	6.0E-08
864	0.06	6.5E-08	5.5E+01	1.5E-04	6.1E-04	5.0E-06	4.7E-02	2.7E-01	6.5E-08
865	0.06	6.0E-08	5.1E+01	1.5E-04	6.1E-04	4.6E-06	4.7E-02	2.7E-01	6.0E-08
866	0.04	4.4E-08	3.8E+01	1.5E-04	6.1E-04	3.4E-06	4.7E-02	2.7E-01	4.4E-08
867	0.08	7.9E-08	6.7E+01	1.5E-04	6.1E-04	6.1E-06	4.7E-02	2.7E-01	7.9E-08
868	0.07	7.2E-08	6.1E+01	1.5E-04	6.1E-04	5.5E-06	4.7E-02	2.7E-01	7.2E-08
869	0.05	5.3E-08	4.5E+01	1.5E-04	6.1E-04	4.1E-06	4.7E-02	2.7E-01	5.3E-08
870	0.08	7.6E-08	6.5E+01	1.5E-04	6.1E-04	5.9E-06	4.7E-02	2.7E-01	7.6E-08
871	0.08	8.0E-08	6.8E+01	1.5E-04	6.1E-04	6.2E-06	4.7E-02	2.7E-01	8.0E-08
872	0.06	5.9E-08	5.0E+01	1.5E-04	6.1E-04	4.6E-06	4.7E-02	2.7E-01	5.9E-08

Risk From Portable Set-up - Mitigated School

Franklin School Project

Risk From Portable Set-up - Mitigated School

0.00	Max

Receptor #	Total/ Million	Total	Conc	g/sec	D1	Dose	R1	ED	Risk
						Onsite			
807	0.00	2.0E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
808	0.00	1.9E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
809	0.00	1.7E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
810	0.00	1.7E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
811	0.00	1.5E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
812	0.00	1.4E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
813	0.00	1.3E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
814	0.00	1.2E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
815	0.00	1.1E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
816	0.00	1.1E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
817	0.00	9.7E-12		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
818	0.00	9.7E-12		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
819	0.00	8.7E-12		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
820	0.00	8.6E-12		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
821	0.00	3.6E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
822	0.00	3.9E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
823	0.00	3.7E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
824	0.00	2.8E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
825	0.00	3.0E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
826	0.00	2.9E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
827	0.00	2.5E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
828	0.00	2.4E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
829	0.00	2.4E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
830	0.00	1.9E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
831	0.00	1.9E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
832	0.00	2.0E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
833	0.00	1.6E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
834	0.00	1.6E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
835	0.00	1.7E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
836	0.00	1.4E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
837	0.00	1.4E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
838	0.00	1.5E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
839	0.00	1.2E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
840	0.00	1.2E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
841	0.00	1.3E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
842	0.00	1.1E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
843	0.00	1.1E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
844	0.00	1.1E-11		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
845	0.00	9.3E-12		0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00

846	0.00	9.5E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
847	0.00	9.7E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
848	0.00	8.3E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
849	0.00	8.5E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
850	0.00	8.6E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
851	0.00	8.0E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
852	0.00	8.1E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
853	0.00	8.2E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
854	0.00	8.3E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
855	0.00	8.3E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
856	0.00	7.1E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
857	0.00	7.3E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
858	0.00	7.4E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
859	0.00	7.4E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
860	0.00	7.4E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
861	0.00	6.4E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
862	0.00	6.6E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
863	0.00	6.7E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
864	0.00	6.7E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
865	0.00	6.7E-12	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
866	0.00	3.8E-11	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
867	0.00	3.0E-11	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
868	0.00	2.9E-11	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
869	0.00	2.8E-11	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
870	0.00	2.5E-11	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
871	0.00	2.4E-11	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00
872	0.00	2.3E-11	0.0E+00	6.1E-04	0.0E+00	4.7E-02	3.8E-02	0.0E+00

Franklin School Project

Risk From Portable Set-up - Mitigated School

Haul Route 1A							Haul Route 2A						
Conc	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
2.0E+01	1.9E-07	6.1E-04	2.3E-09	4.7E-02	3.8E-02	4.1E-12	9.9E+00	6.0E-07	6.1E-04	3.6E-09	4.7E-02	3.8E-02	6.5E-12
1.7E+01	1.9E-07	6.1E-04	1.9E-09	4.7E-02	3.8E-02	3.5E-12	9.6E+00	6.0E-07	6.1E-04	3.5E-09	4.7E-02	3.8E-02	6.3E-12
1.6E+01	1.9E-07	6.1E-04	1.9E-09	4.7E-02	3.8E-02	3.4E-12	8.4E+00	6.0E-07	6.1E-04	3.0E-09	4.7E-02	3.8E-02	5.5E-12
1.4E+01	1.9E-07	6.1E-04	1.6E-09	4.7E-02	3.8E-02	3.0E-12	8.2E+00	6.0E-07	6.1E-04	3.0E-09	4.7E-02	3.8E-02	5.4E-12
1.3E+01	1.9E-07	6.1E-04	1.5E-09	4.7E-02	3.8E-02	2.8E-12	7.2E+00	6.0E-07	6.1E-04	2.6E-09	4.7E-02	3.8E-02	4.7E-12
1.2E+01	1.9E-07	6.1E-04	1.4E-09	4.7E-02	3.8E-02	2.5E-12	7.1E+00	6.0E-07	6.1E-04	2.6E-09	4.7E-02	3.8E-02	4.6E-12
1.1E+01	1.9E-07	6.1E-04	1.3E-09	4.7E-02	3.8E-02	2.3E-12	6.2E+00	6.0E-07	6.1E-04	2.3E-09	4.7E-02	3.8E-02	4.1E-12
1.0E+01	1.9E-07	6.1E-04	1.2E-09	4.7E-02	3.8E-02	2.1E-12	6.2E+00	6.0E-07	6.1E-04	2.2E-09	4.7E-02	3.8E-02	4.0E-12
9.5E+00	1.9E-07	6.1E-04	1.1E-09	4.7E-02	3.8E-02	2.0E-12	5.4E+00	6.0E-07	6.1E-04	2.0E-09	4.7E-02	3.8E-02	3.6E-12
8.8E+00	1.9E-07	6.1E-04	1.0E-09	4.7E-02	3.8E-02	1.8E-12	5.4E+00	6.0E-07	6.1E-04	2.0E-09	4.7E-02	3.8E-02	3.6E-12
8.2E+00	1.9E-07	6.1E-04	9.4E-10	4.7E-02	3.8E-02	1.7E-12	4.8E+00	6.0E-07	6.1E-04	1.7E-09	4.7E-02	3.8E-02	3.2E-12
7.7E+00	1.9E-07	6.1E-04	8.8E-10	4.7E-02	3.8E-02	1.6E-12	4.8E+00	6.0E-07	6.1E-04	1.7E-09	4.7E-02	3.8E-02	3.1E-12
7.1E+00	1.9E-07	6.1E-04	8.1E-10	4.7E-02	3.8E-02	1.5E-12	4.3E+00	6.0E-07	6.1E-04	1.6E-09	4.7E-02	3.8E-02	2.8E-12
6.7E+00	1.9E-07	6.1E-04	7.7E-10	4.7E-02	3.8E-02	1.4E-12	4.3E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	3.8E-02	2.8E-12
3.2E+01	1.9E-07	6.1E-04	3.7E-09	4.7E-02	3.8E-02	6.7E-12	1.8E+01	6.0E-07	6.1E-04	6.5E-09	4.7E-02	3.8E-02	1.2E-11
6.9E+01	1.9E-07	6.1E-04	8.0E-09	4.7E-02	3.8E-02	1.4E-11	1.8E+01	6.0E-07	6.1E-04	6.7E-09	4.7E-02	3.8E-02	1.2E-11
4.7E+01	1.9E-07	6.1E-04	5.4E-09	4.7E-02	3.8E-02	9.7E-12	1.8E+01	6.0E-07	6.1E-04	6.6E-09	4.7E-02	3.8E-02	1.2E-11
2.2E+01	1.9E-07	6.1E-04	2.5E-09	4.7E-02	3.8E-02	4.5E-12	1.4E+01	6.0E-07	6.1E-04	5.1E-09	4.7E-02	3.8E-02	9.3E-12
5.0E+01	1.9E-07	6.1E-04	5.8E-09	4.7E-02	3.8E-02	1.0E-11	1.4E+01	6.0E-07	6.1E-04	5.3E-09	4.7E-02	3.8E-02	9.5E-12
3.7E+01	1.9E-07	6.1E-04	4.3E-09	4.7E-02	3.8E-02	7.7E-12	1.4E+01	6.0E-07	6.1E-04	5.3E-09	4.7E-02	3.8E-02	9.5E-12
4.4E+01	1.9E-07	6.1E-04	5.1E-09	4.7E-02	3.8E-02	9.3E-12	1.1E+01	6.0E-07	6.1E-04	4.1E-09	4.7E-02	3.8E-02	7.5E-12
3.6E+01	1.9E-07	6.1E-04	4.1E-09	4.7E-02	3.8E-02	7.4E-12	1.2E+01	6.0E-07	6.1E-04	4.3E-09	4.7E-02	3.8E-02	7.7E-12
2.9E+01	1.9E-07	6.1E-04	3.3E-09	4.7E-02	3.8E-02	6.0E-12	1.2E+01	6.0E-07	6.1E-04	4.3E-09	4.7E-02	3.8E-02	7.7E-12
3.0E+01	1.9E-07	6.1E-04	3.5E-09	4.7E-02	3.8E-02	6.2E-12	9.4E+00	6.0E-07	6.1E-04	3.4E-09	4.7E-02	3.8E-02	6.2E-12
2.6E+01	1.9E-07	6.1E-04	3.0E-09	4.7E-02	3.8E-02	5.4E-12	9.7E+00	6.0E-07	6.1E-04	3.5E-09	4.7E-02	3.8E-02	6.3E-12
2.2E+01	1.9E-07	6.1E-04	2.6E-09	4.7E-02	3.8E-02	4.6E-12	9.7E+00	6.0E-07	6.1E-04	3.5E-09	4.7E-02	3.8E-02	6.4E-12
2.2E+01	1.9E-07	6.1E-04	2.5E-09	4.7E-02	3.8E-02	4.5E-12	7.9E+00	6.0E-07	6.1E-04	2.9E-09	4.7E-02	3.8E-02	5.2E-12
2.0E+01	1.9E-07	6.1E-04	2.3E-09	4.7E-02	3.8E-02	4.1E-12	8.1E+00	6.0E-07	6.1E-04	2.9E-09	4.7E-02	3.8E-02	5.3E-12
1.8E+01	1.9E-07	6.1E-04	2.0E-09	4.7E-02	3.8E-02	3.7E-12	8.2E+00	6.0E-07	6.1E-04	3.0E-09	4.7E-02	3.8E-02	5.4E-12
1.7E+01	1.9E-07	6.1E-04	2.0E-09	4.7E-02	3.8E-02	3.6E-12	7.0E+00	6.0E-07	6.1E-04	2.5E-09	4.7E-02	3.8E-02	4.6E-12
1.6E+01	1.9E-07	6.1E-04	1.9E-09	4.7E-02	3.8E-02	3.4E-12	7.1E+00	6.0E-07	6.1E-04	2.6E-09	4.7E-02	3.8E-02	4.7E-12
1.5E+01	1.9E-07	6.1E-04	1.7E-09	4.7E-02	3.8E-02	3.1E-12	7.2E+00	6.0E-07	6.1E-04	2.6E-09	4.7E-02	3.8E-02	4.7E-12
1.4E+01	1.9E-07	6.1E-04	1.6E-09	4.7E-02	3.8E-02	2.8E-12	6.0E+00	6.0E-07	6.1E-04	2.2E-09	4.7E-02	3.8E-02	3.9E-12
1.3E+01	1.9E-07	6.1E-04	1.5E-09	4.7E-02	3.8E-02	2.7E-12	6.1E+00	6.0E-07	6.1E-04	2.2E-09	4.7E-02	3.8E-02	4.0E-12
1.2E+01	1.9E-07	6.1E-04	1.4E-09	4.7E-02	3.8E-02	2.5E-12	6.2E+00	6.0E-07	6.1E-04	2.3E-09	4.7E-02	3.8E-02	4.1E-12
1.1E+01	1.9E-07	6.1E-04	1.3E-09	4.7E-02	3.8E-02	2.3E-12	5.2E+00	6.0E-07	6.1E-04	1.9E-09	4.7E-02	3.8E-02	3.4E-12
1.1E+01	1.9E-07	6.1E-04	1.2E-09	4.7E-02	3.8E-02	2.2E-12	5.4E+00	6.0E-07	6.1E-04	1.9E-09	4.7E-02	3.8E-02	3.5E-12
1.0E+01	1.9E-07	6.1E-04	1.2E-09	4.7E-02	3.8E-02	2.1E-12	5.4E+00	6.0E-07	6.1E-04	2.0E-09	4.7E-02	3.8E-02	3.6E-12
9.1E+00	1.9E-07	6.1E-04	1.0E-09	4.7E-02	3.8E-02	1.9E-12	4.6E+00	6.0E-07	6.1E-04	1.7E-09	4.7E-02	3.8E-02	3.0E-12

8.9E+00	1.9E-07	6.1E-04	1.0E-09	4.7E-02	3.8E-02	1.9E-12	4.7E+00	6.0E-07	6.1E-04	1.7E-09	4.7E-02	3.8E-02	3.1E-12
8.6E+00	1.9E-07	6.1E-04	9.9E-10	4.7E-02	3.8E-02	1.8E-12	4.8E+00	6.0E-07	6.1E-04	1.7E-09	4.7E-02	3.8E-02	3.1E-12
7.7E+00	1.9E-07	6.1E-04	8.8E-10	4.7E-02	3.8E-02	1.6E-12	4.1E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	3.8E-02	2.7E-12
7.6E+00	1.9E-07	6.1E-04	8.7E-10	4.7E-02	3.8E-02	1.6E-12	4.2E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	3.8E-02	2.7E-12
7.4E+00	1.9E-07	6.1E-04	8.5E-10	4.7E-02	3.8E-02	1.5E-12	4.2E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	3.8E-02	2.8E-12
7.2E+00	1.9E-07	6.1E-04	8.3E-10	4.7E-02	3.8E-02	1.5E-12	3.9E+00	6.0E-07	6.1E-04	1.4E-09	4.7E-02	3.8E-02	2.6E-12
7.1E+00	1.9E-07	6.1E-04	8.1E-10	4.7E-02	3.8E-02	1.5E-12	4.0E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	3.8E-02	2.6E-12
6.9E+00	1.9E-07	6.1E-04	7.9E-10	4.7E-02	3.8E-02	1.4E-12	4.1E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	3.8E-02	2.7E-12
6.6E+00	1.9E-07	6.1E-04	7.6E-10	4.7E-02	3.8E-02	1.4E-12	4.1E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	3.8E-02	2.7E-12
6.3E+00	1.9E-07	6.1E-04	7.3E-10	4.7E-02	3.8E-02	1.3E-12	4.1E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	3.8E-02	2.7E-12
6.2E+00	1.9E-07	6.1E-04	7.1E-10	4.7E-02	3.8E-02	1.3E-12	3.5E+00	6.0E-07	6.1E-04	1.3E-09	4.7E-02	3.8E-02	2.3E-12
6.1E+00	1.9E-07	6.1E-04	7.0E-10	4.7E-02	3.8E-02	1.3E-12	3.6E+00	6.0E-07	6.1E-04	1.3E-09	4.7E-02	3.8E-02	2.4E-12
6.0E+00	1.9E-07	6.1E-04	6.9E-10	4.7E-02	3.8E-02	1.2E-12	3.6E+00	6.0E-07	6.1E-04	1.3E-09	4.7E-02	3.8E-02	2.4E-12
5.8E+00	1.9E-07	6.1E-04	6.7E-10	4.7E-02	3.8E-02	1.2E-12	3.7E+00	6.0E-07	6.1E-04	1.3E-09	4.7E-02	3.8E-02	2.4E-12
5.6E+00	1.9E-07	6.1E-04	6.4E-10	4.7E-02	3.8E-02	1.2E-12	3.7E+00	6.0E-07	6.1E-04	1.3E-09	4.7E-02	3.8E-02	2.4E-12
5.4E+00	1.9E-07	6.1E-04	6.2E-10	4.7E-02	3.8E-02	1.1E-12	3.2E+00	6.0E-07	6.1E-04	1.1E-09	4.7E-02	3.8E-02	2.1E-12
5.3E+00	1.9E-07	6.1E-04	6.2E-10	4.7E-02	3.8E-02	1.1E-12	3.2E+00	6.0E-07	6.1E-04	1.2E-09	4.7E-02	3.8E-02	2.1E-12
5.3E+00	1.9E-07	6.1E-04	6.1E-10	4.7E-02	3.8E-02	1.1E-12	3.3E+00	6.0E-07	6.1E-04	1.2E-09	4.7E-02	3.8E-02	2.1E-12
5.1E+00	1.9E-07	6.1E-04	5.9E-10	4.7E-02	3.8E-02	1.1E-12	3.3E+00	6.0E-07	6.1E-04	1.2E-09	4.7E-02	3.8E-02	2.2E-12
5.0E+00	1.9E-07	6.1E-04	5.7E-10	4.7E-02	3.8E-02	1.0E-12	3.3E+00	6.0E-07	6.1E-04	1.2E-09	4.7E-02	3.8E-02	2.2E-12
4.6E+01	1.9E-07	6.1E-04	5.2E-09	4.7E-02	3.8E-02	9.5E-12	1.9E+01	6.0E-07	6.1E-04	6.9E-09	4.7E-02	3.8E-02	1.3E-11
3.7E+01	1.9E-07	6.1E-04	4.2E-09	4.7E-02	3.8E-02	7.7E-12	1.5E+01	6.0E-07	6.1E-04	5.5E-09	4.7E-02	3.8E-02	9.9E-12
2.9E+01	1.9E-07	6.1E-04	3.3E-09	4.7E-02	3.8E-02	6.0E-12	1.5E+01	6.0E-07	6.1E-04	5.3E-09	4.7E-02	3.8E-02	9.6E-12
2.3E+01	1.9E-07	6.1E-04	2.7E-09	4.7E-02	3.8E-02	4.8E-12	1.4E+01	6.0E-07	6.1E-04	5.0E-09	4.7E-02	3.8E-02	9.1E-12
2.9E+01	1.9E-07	6.1E-04	3.3E-09	4.7E-02	3.8E-02	6.0E-12	1.2E+01	6.0E-07	6.1E-04	4.4E-09	4.7E-02	3.8E-02	8.0E-12
2.4E+01	1.9E-07	6.1E-04	2.7E-09	4.7E-02	3.8E-02	4.9E-12	1.2E+01	6.0E-07	6.1E-04	4.3E-09	4.7E-02	3.8E-02	7.8E-12
2.0E+01	1.9E-07	6.1E-04	2.3E-09	4.7E-02	3.8E-02	4.1E-12	1.1E+01	6.0E-07	6.1E-04	4.2E-09	4.7E-02	3.8E-02	7.5E-12

Franklin School Project

Risk From Portable Set-up - Mitigated School

Haul Route 1A							Haul Route 2A						
Conc	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
9.9E+00	1.2E-06	6.1E-04	7.4E-09	4.7E-02	3.8E-02	1.3E-11	8.5E-01	1.3E-07	6.1E-04	6.8E-11	4.7E-02	3.8E-02	1.2E-13
9.6E+00	1.2E-06	6.1E-04	7.2E-09	4.7E-02	3.8E-02	1.3E-11	8.3E-01	1.3E-07	6.1E-04	6.7E-11	4.7E-02	3.8E-02	1.2E-13
8.4E+00	1.2E-06	6.1E-04	6.3E-09	4.7E-02	3.8E-02	1.1E-11	8.2E-01	1.3E-07	6.1E-04	6.5E-11	4.7E-02	3.8E-02	1.2E-13
8.2E+00	1.2E-06	6.1E-04	6.1E-09	4.7E-02	3.8E-02	1.1E-11	8.0E-01	1.3E-07	6.1E-04	6.4E-11	4.7E-02	3.8E-02	1.2E-13
7.2E+00	1.2E-06	6.1E-04	5.4E-09	4.7E-02	3.8E-02	9.7E-12	7.8E-01	1.3E-07	6.1E-04	6.3E-11	4.7E-02	3.8E-02	1.1E-13
7.1E+00	1.2E-06	6.1E-04	5.3E-09	4.7E-02	3.8E-02	9.5E-12	7.7E-01	1.3E-07	6.1E-04	6.1E-11	4.7E-02	3.8E-02	1.1E-13
6.2E+00	1.2E-06	6.1E-04	4.6E-09	4.7E-02	3.8E-02	8.4E-12	7.5E-01	1.3E-07	6.1E-04	6.0E-11	4.7E-02	3.8E-02	1.1E-13
6.2E+00	1.2E-06	6.1E-04	4.6E-09	4.7E-02	3.8E-02	8.3E-12	7.4E-01	1.3E-07	6.1E-04	5.9E-11	4.7E-02	3.8E-02	1.1E-13
5.4E+00	1.2E-06	6.1E-04	4.1E-09	4.7E-02	3.8E-02	7.3E-12	7.2E-01	1.3E-07	6.1E-04	5.8E-11	4.7E-02	3.8E-02	1.0E-13
5.4E+00	1.2E-06	6.1E-04	4.0E-09	4.7E-02	3.8E-02	7.3E-12	7.1E-01	1.3E-07	6.1E-04	5.7E-11	4.7E-02	3.8E-02	1.0E-13
4.8E+00	1.2E-06	6.1E-04	3.6E-09	4.7E-02	3.8E-02	6.5E-12	7.0E-01	1.3E-07	6.1E-04	5.6E-11	4.7E-02	3.8E-02	1.0E-13
4.8E+00	1.2E-06	6.1E-04	3.6E-09	4.7E-02	3.8E-02	6.5E-12	6.8E-01	1.3E-07	6.1E-04	5.5E-11	4.7E-02	3.8E-02	9.9E-14
4.3E+00	1.2E-06	6.1E-04	3.2E-09	4.7E-02	3.8E-02	5.8E-12	6.7E-01	1.3E-07	6.1E-04	5.4E-11	4.7E-02	3.8E-02	9.7E-14
4.3E+00	1.2E-06	6.1E-04	3.2E-09	4.7E-02	3.8E-02	5.7E-12	6.6E-01	1.3E-07	6.1E-04	5.3E-11	4.7E-02	3.8E-02	9.6E-14
1.8E+01	1.2E-06	6.1E-04	1.3E-08	4.7E-02	3.8E-02	2.4E-11	1.0E+00	1.3E-07	6.1E-04	8.2E-11	4.7E-02	3.8E-02	1.5E-13
1.8E+01	1.2E-06	6.1E-04	1.4E-08	4.7E-02	3.8E-02	2.5E-11	1.0E+00	1.3E-07	6.1E-04	8.0E-11	4.7E-02	3.8E-02	1.5E-13
1.8E+01	1.2E-06	6.1E-04	1.4E-08	4.7E-02	3.8E-02	2.5E-11	9.8E-01	1.3E-07	6.1E-04	7.9E-11	4.7E-02	3.8E-02	1.4E-13
1.4E+01	1.2E-06	6.1E-04	1.1E-08	4.7E-02	3.8E-02	1.9E-11	9.8E-01	1.3E-07	6.1E-04	7.8E-11	4.7E-02	3.8E-02	1.4E-13
1.4E+01	1.2E-06	6.1E-04	1.1E-08	4.7E-02	3.8E-02	2.0E-11	9.6E-01	1.3E-07	6.1E-04	7.7E-11	4.7E-02	3.8E-02	1.4E-13
1.4E+01	1.2E-06	6.1E-04	1.1E-08	4.7E-02	3.8E-02	2.0E-11	9.4E-01	1.3E-07	6.1E-04	7.5E-11	4.7E-02	3.8E-02	1.4E-13
1.1E+01	1.2E-06	6.1E-04	8.5E-09	4.7E-02	3.8E-02	1.5E-11	9.4E-01	1.3E-07	6.1E-04	7.5E-11	4.7E-02	3.8E-02	1.4E-13
1.2E+01	1.2E-06	6.1E-04	8.7E-09	4.7E-02	3.8E-02	1.6E-11	9.2E-01	1.3E-07	6.1E-04	7.4E-11	4.7E-02	3.8E-02	1.3E-13
1.2E+01	1.2E-06	6.1E-04	8.8E-09	4.7E-02	3.8E-02	1.6E-11	9.0E-01	1.3E-07	6.1E-04	7.2E-11	4.7E-02	3.8E-02	1.3E-13
9.4E+00	1.2E-06	6.1E-04	7.0E-09	4.7E-02	3.8E-02	1.3E-11	9.0E-01	1.3E-07	6.1E-04	7.2E-11	4.7E-02	3.8E-02	1.3E-13
9.7E+00	1.2E-06	6.1E-04	7.2E-09	4.7E-02	3.8E-02	1.3E-11	8.8E-01	1.3E-07	6.1E-04	7.0E-11	4.7E-02	3.8E-02	1.3E-13
9.7E+00	1.2E-06	6.1E-04	7.2E-09	4.7E-02	3.8E-02	1.3E-11	8.6E-01	1.3E-07	6.1E-04	6.9E-11	4.7E-02	3.8E-02	1.2E-13
7.9E+00	1.2E-06	6.1E-04	5.9E-09	4.7E-02	3.8E-02	1.1E-11	8.6E-01	1.3E-07	6.1E-04	6.9E-11	4.7E-02	3.8E-02	1.2E-13
8.1E+00	1.2E-06	6.1E-04	6.0E-09	4.7E-02	3.8E-02	1.1E-11	8.4E-01	1.3E-07	6.1E-04	6.7E-11	4.7E-02	3.8E-02	1.2E-13
8.2E+00	1.2E-06	6.1E-04	6.1E-09	4.7E-02	3.8E-02	1.1E-11	8.3E-01	1.3E-07	6.1E-04	6.6E-11	4.7E-02	3.8E-02	1.2E-13
7.0E+00	1.2E-06	6.1E-04	5.2E-09	4.7E-02	3.8E-02	9.4E-12	8.3E-01	1.3E-07	6.1E-04	6.6E-11	4.7E-02	3.8E-02	1.2E-13
7.1E+00	1.2E-06	6.1E-04	5.3E-09	4.7E-02	3.8E-02	9.6E-12	8.1E-01	1.3E-07	6.1E-04	6.5E-11	4.7E-02	3.8E-02	1.2E-13
7.2E+00	1.2E-06	6.1E-04	5.4E-09	4.7E-02	3.8E-02	9.7E-12	8.0E-01	1.3E-07	6.1E-04	6.4E-11	4.7E-02	3.8E-02	1.2E-13
6.0E+00	1.2E-06	6.1E-04	4.5E-09	4.7E-02	3.8E-02	8.1E-12	7.9E-01	1.3E-07	6.1E-04	6.4E-11	4.7E-02	3.8E-02	1.2E-13
6.1E+00	1.2E-06	6.1E-04	4.6E-09	4.7E-02	3.8E-02	8.3E-12	7.8E-01	1.3E-07	6.1E-04	6.3E-11	4.7E-02	3.8E-02	1.1E-13
6.2E+00	1.2E-06	6.1E-04	4.6E-09	4.7E-02	3.8E-02	8.4E-12	7.7E-01	1.3E-07	6.1E-04	6.2E-11	4.7E-02	3.8E-02	1.1E-13
5.2E+00	1.2E-06	6.1E-04	3.9E-09	4.7E-02	3.8E-02	7.0E-12	7.6E-01	1.3E-07	6.1E-04	6.1E-11	4.7E-02	3.8E-02	1.1E-13
5.4E+00	1.2E-06	6.1E-04	4.0E-09	4.7E-02	3.8E-02	7.2E-12	7.5E-01	1.3E-07	6.1E-04	6.0E-11	4.7E-02	3.8E-02	1.1E-13
5.4E+00	1.2E-06	6.1E-04	4.0E-09	4.7E-02	3.8E-02	7.3E-12	7.4E-01	1.3E-07	6.1E-04	5.9E-11	4.7E-02	3.8E-02	1.1E-13
4.6E+00	1.2E-06	6.1E-04	3.4E-09	4.7E-02	3.8E-02	6.2E-12	7.3E-01	1.3E-07	6.1E-04	5.9E-11	4.7E-02	3.8E-02	1.1E-13

4.7E+00	1.2E-06	6.1E-04	3.5E-09	4.7E-02	3.8E-02	6.3E-12	7.2E-01	1.3E-07	6.1E-04	5.8E-11	4.7E-02	3.8E-02	1.0E-13
4.8E+00	1.2E-06	6.1E-04	3.6E-09	4.7E-02	3.8E-02	6.4E-12	7.1E-01	1.3E-07	6.1E-04	5.7E-11	4.7E-02	3.8E-02	1.0E-13
4.1E+00	1.2E-06	6.1E-04	3.0E-09	4.7E-02	3.8E-02	5.5E-12	7.0E-01	1.3E-07	6.1E-04	5.6E-11	4.7E-02	3.8E-02	1.0E-13
4.2E+00	1.2E-06	6.1E-04	3.1E-09	4.7E-02	3.8E-02	5.6E-12	6.9E-01	1.3E-07	6.1E-04	5.6E-11	4.7E-02	3.8E-02	1.0E-13
4.2E+00	1.2E-06	6.1E-04	3.2E-09	4.7E-02	3.8E-02	5.7E-12	6.8E-01	1.3E-07	6.1E-04	5.5E-11	4.7E-02	3.8E-02	9.9E-14
3.9E+00	1.2E-06	6.1E-04	2.9E-09	4.7E-02	3.8E-02	5.3E-12	6.9E-01	1.3E-07	6.1E-04	5.5E-11	4.7E-02	3.8E-02	1.0E-13
4.0E+00	1.2E-06	6.1E-04	3.0E-09	4.7E-02	3.8E-02	5.4E-12	6.8E-01	1.3E-07	6.1E-04	5.5E-11	4.7E-02	3.8E-02	9.9E-14
4.1E+00	1.2E-06	6.1E-04	3.0E-09	4.7E-02	3.8E-02	5.5E-12	6.7E-01	1.3E-07	6.1E-04	5.4E-11	4.7E-02	3.8E-02	9.7E-14
4.1E+00	1.2E-06	6.1E-04	3.0E-09	4.7E-02	3.8E-02	5.5E-12	6.6E-01	1.3E-07	6.1E-04	5.3E-11	4.7E-02	3.8E-02	9.5E-14
4.1E+00	1.2E-06	6.1E-04	3.0E-09	4.7E-02	3.8E-02	5.5E-12	6.5E-01	1.3E-07	6.1E-04	5.2E-11	4.7E-02	3.8E-02	9.4E-14
3.5E+00	1.2E-06	6.1E-04	2.6E-09	4.7E-02	3.8E-02	4.7E-12	6.6E-01	1.3E-07	6.1E-04	5.3E-11	4.7E-02	3.8E-02	9.6E-14
3.6E+00	1.2E-06	6.1E-04	2.7E-09	4.7E-02	3.8E-02	4.8E-12	6.5E-01	1.3E-07	6.1E-04	5.2E-11	4.7E-02	3.8E-02	9.5E-14
3.6E+00	1.2E-06	6.1E-04	2.7E-09	4.7E-02	3.8E-02	4.9E-12	6.5E-01	1.3E-07	6.1E-04	5.2E-11	4.7E-02	3.8E-02	9.3E-14
3.7E+00	1.2E-06	6.1E-04	2.7E-09	4.7E-02	3.8E-02	4.9E-12	6.4E-01	1.3E-07	6.1E-04	5.1E-11	4.7E-02	3.8E-02	9.2E-14
3.7E+00	1.2E-06	6.1E-04	2.7E-09	4.7E-02	3.8E-02	4.9E-12	6.2E-01	1.3E-07	6.1E-04	5.0E-11	4.7E-02	3.8E-02	9.0E-14
3.2E+00	1.2E-06	6.1E-04	2.4E-09	4.7E-02	3.8E-02	4.3E-12	6.4E-01	1.3E-07	6.1E-04	5.1E-11	4.7E-02	3.8E-02	9.3E-14
3.2E+00	1.2E-06	6.1E-04	2.4E-09	4.7E-02	3.8E-02	4.3E-12	6.3E-01	1.3E-07	6.1E-04	5.1E-11	4.7E-02	3.8E-02	9.1E-14
3.3E+00	1.2E-06	6.1E-04	2.4E-09	4.7E-02	3.8E-02	4.4E-12	6.2E-01	1.3E-07	6.1E-04	5.0E-11	4.7E-02	3.8E-02	9.0E-14
3.3E+00	1.2E-06	6.1E-04	2.5E-09	4.7E-02	3.8E-02	4.4E-12	6.1E-01	1.3E-07	6.1E-04	4.9E-11	4.7E-02	3.8E-02	8.9E-14
3.3E+00	1.2E-06	6.1E-04	2.5E-09	4.7E-02	3.8E-02	4.4E-12	6.0E-01	1.3E-07	6.1E-04	4.8E-11	4.7E-02	3.8E-02	8.7E-14
1.9E+01	1.2E-06	6.1E-04	1.4E-08	4.7E-02	3.8E-02	2.6E-11	9.9E-01	1.3E-07	6.1E-04	7.9E-11	4.7E-02	3.8E-02	1.4E-13
1.5E+01	1.2E-06	6.1E-04	1.1E-08	4.7E-02	3.8E-02	2.0E-11	9.4E-01	1.3E-07	6.1E-04	7.6E-11	4.7E-02	3.8E-02	1.4E-13
1.5E+01	1.2E-06	6.1E-04	1.1E-08	4.7E-02	3.8E-02	2.0E-11	9.2E-01	1.3E-07	6.1E-04	7.4E-11	4.7E-02	3.8E-02	1.3E-13
1.4E+01	1.2E-06	6.1E-04	1.0E-08	4.7E-02	3.8E-02	1.9E-11	9.0E-01	1.3E-07	6.1E-04	7.2E-11	4.7E-02	3.8E-02	1.3E-13
1.2E+01	1.2E-06	6.1E-04	9.1E-09	4.7E-02	3.8E-02	1.6E-11	9.0E-01	1.3E-07	6.1E-04	7.2E-11	4.7E-02	3.8E-02	1.3E-13
1.2E+01	1.2E-06	6.1E-04	8.9E-09	4.7E-02	3.8E-02	1.6E-11	8.8E-01	1.3E-07	6.1E-04	7.1E-11	4.7E-02	3.8E-02	1.3E-13
1.1E+01	1.2E-06	6.1E-04	8.5E-09	4.7E-02	3.8E-02	1.5E-11	8.6E-01	1.3E-07	6.1E-04	6.9E-11	4.7E-02	3.8E-02	1.3E-13

1.83171E-05
1.77712E-05
1.54836E-05
1.51413E-05
1.3274E-05
1.30614E-05
1.15108E-05
1.13812E-05
1.00793E-05
1.00042E-05
8.89745E-06
8.86158E-06
7.91108E-06
7.89591E-06
3.31144E-05
3.60171E-05
3.35819E-05
2.60256E-05
2.75812E-05
2.66499E-05
2.26545E-05
2.15915E-05
2.16407E-05
1.74292E-05
1.78129E-05
1.79216E-05
1.46104E-05
1.49722E-05
1.51061E-05
1.28568E-05
1.31783E-05
1.33218E-05
1.10875E-05
1.13656E-05
1.15095E-05
9.66923E-06
9.90985E-06
1.00469E-05
8.51381E-06

8.72226E-06
8.84912E-06
7.55663E-06
7.7382E-06
7.85405E-06
7.27619E-06
7.43053E-06
7.52494E-06
7.56553E-06
7.5406E-06
6.51894E-06
6.65513E-06
6.74381E-06
6.78637E-06
6.77647E-06
5.87391E-06
5.99542E-06
6.07915E-06
6.1241E-06
6.12775E-06
3.50805E-05
2.77507E-05
2.686E-05
2.54549E-05
2.24731E-05
2.19578E-05
2.10529E-05

Risk From New Building Demo - Mitigated School

Franklin School Project

Risk From New Building Demo - Mitigated School

0.09	Max

Onsite

Receptor #	Total/ Million	Total	Conc	g/sec	D1	Dose	R1	ED	Risk
807	0.05	5.2E-08	2.9E+01	1.1E-03	6.1E-04	2.0E-05	4.7E-02	5.5E-02	5.2E-08
808	0.06	5.9E-08	3.3E+01	1.1E-03	6.1E-04	2.3E-05	4.7E-02	5.5E-02	5.8E-08
809	0.06	5.8E-08	3.2E+01	1.1E-03	6.1E-04	2.2E-05	4.7E-02	5.5E-02	5.7E-08
810	0.06	6.2E-08	3.5E+01	1.1E-03	6.1E-04	2.4E-05	4.7E-02	5.5E-02	6.2E-08
811	0.06	5.9E-08	3.3E+01	1.1E-03	6.1E-04	2.3E-05	4.7E-02	5.5E-02	5.9E-08
812	0.07	7.5E-08	4.2E+01	1.1E-03	6.1E-04	2.9E-05	4.7E-02	5.5E-02	7.5E-08
813	0.06	6.1E-08	3.4E+01	1.1E-03	6.1E-04	2.3E-05	4.7E-02	5.5E-02	6.0E-08
814	0.08	8.1E-08	4.6E+01	1.1E-03	6.1E-04	3.1E-05	4.7E-02	5.5E-02	8.1E-08
815	0.06	6.4E-08	3.6E+01	1.1E-03	6.1E-04	2.5E-05	4.7E-02	5.5E-02	6.4E-08
816	0.07	7.0E-08	4.0E+01	1.1E-03	6.1E-04	2.7E-05	4.7E-02	5.5E-02	7.0E-08
817	0.07	6.5E-08	3.7E+01	1.1E-03	6.1E-04	2.5E-05	4.7E-02	5.5E-02	6.5E-08
818	0.07	7.1E-08	4.0E+01	1.1E-03	6.1E-04	2.7E-05	4.7E-02	5.5E-02	7.1E-08
819	0.06	6.3E-08	3.6E+01	1.1E-03	6.1E-04	2.5E-05	4.7E-02	5.5E-02	6.3E-08
820	0.09	8.6E-08	4.8E+01	1.1E-03	6.1E-04	3.3E-05	4.7E-02	5.5E-02	8.6E-08
821	0.01	1.4E-08	7.9E+00	1.1E-03	6.1E-04	5.4E-06	4.7E-02	5.5E-02	1.4E-08
822	0.02	1.8E-08	9.7E+00	1.1E-03	6.1E-04	6.7E-06	4.7E-02	5.5E-02	1.7E-08
823	0.02	2.3E-08	1.3E+01	1.1E-03	6.1E-04	8.6E-06	4.7E-02	5.5E-02	2.2E-08
824	0.02	1.6E-08	8.7E+00	1.1E-03	6.1E-04	6.0E-06	4.7E-02	5.5E-02	1.5E-08
825	0.02	2.0E-08	1.1E+01	1.1E-03	6.1E-04	7.6E-06	4.7E-02	5.5E-02	2.0E-08
826	0.03	2.6E-08	1.5E+01	1.1E-03	6.1E-04	1.0E-05	4.7E-02	5.5E-02	2.6E-08
827	0.02	1.7E-08	9.6E+00	1.1E-03	6.1E-04	6.6E-06	4.7E-02	5.5E-02	1.7E-08
828	0.02	2.3E-08	1.3E+01	1.1E-03	6.1E-04	8.6E-06	4.7E-02	5.5E-02	2.2E-08
829	0.03	3.1E-08	1.7E+01	1.1E-03	6.1E-04	1.2E-05	4.7E-02	5.5E-02	3.0E-08
830	0.02	1.9E-08	1.0E+01	1.1E-03	6.1E-04	7.1E-06	4.7E-02	5.5E-02	1.8E-08
831	0.02	2.5E-08	1.4E+01	1.1E-03	6.1E-04	9.4E-06	4.7E-02	5.5E-02	2.4E-08
832	0.03	3.4E-08	1.9E+01	1.1E-03	6.1E-04	1.3E-05	4.7E-02	5.5E-02	3.4E-08
833	0.02	2.0E-08	1.1E+01	1.1E-03	6.1E-04	7.5E-06	4.7E-02	5.5E-02	1.9E-08
834	0.03	2.6E-08	1.5E+01	1.1E-03	6.1E-04	9.9E-06	4.7E-02	5.5E-02	2.6E-08
835	0.04	3.7E-08	2.1E+01	1.1E-03	6.1E-04	1.4E-05	4.7E-02	5.5E-02	3.7E-08
836	0.02	2.0E-08	1.1E+01	1.1E-03	6.1E-04	7.8E-06	4.7E-02	5.5E-02	2.0E-08
837	0.03	2.7E-08	1.5E+01	1.1E-03	6.1E-04	1.0E-05	4.7E-02	5.5E-02	2.6E-08
838	0.04	3.8E-08	2.1E+01	1.1E-03	6.1E-04	1.5E-05	4.7E-02	5.5E-02	3.8E-08
839	0.02	2.1E-08	1.2E+01	1.1E-03	6.1E-04	8.0E-06	4.7E-02	5.5E-02	2.1E-08
840	0.03	2.8E-08	1.6E+01	1.1E-03	6.1E-04	1.1E-05	4.7E-02	5.5E-02	2.7E-08
841	0.04	3.9E-08	2.2E+01	1.1E-03	6.1E-04	1.5E-05	4.7E-02	5.5E-02	3.9E-08
842	0.02	2.1E-08	1.2E+01	1.1E-03	6.1E-04	8.1E-06	4.7E-02	5.5E-02	2.1E-08
843	0.03	2.8E-08	1.6E+01	1.1E-03	6.1E-04	1.1E-05	4.7E-02	5.5E-02	2.8E-08
844	0.04	4.0E-08	2.3E+01	1.1E-03	6.1E-04	1.6E-05	4.7E-02	5.5E-02	4.0E-08
845	0.02	2.1E-08	1.2E+01	1.1E-03	6.1E-04	8.0E-06	4.7E-02	5.5E-02	2.1E-08

846	0.03	2.8E-08	1.6E+01	1.1E-03	6.1E-04	1.1E-05	4.7E-02	5.5E-02	2.8E-08
847	0.04	4.1E-08	2.3E+01	1.1E-03	6.1E-04	1.6E-05	4.7E-02	5.5E-02	4.1E-08
848	0.02	2.0E-08	1.1E+01	1.1E-03	6.1E-04	7.8E-06	4.7E-02	5.5E-02	2.0E-08
849	0.03	2.8E-08	1.6E+01	1.1E-03	6.1E-04	1.1E-05	4.7E-02	5.5E-02	2.7E-08
850	0.04	4.0E-08	2.3E+01	1.1E-03	6.1E-04	1.6E-05	4.7E-02	5.5E-02	4.0E-08
851	0.02	2.2E-08	1.2E+01	1.1E-03	6.1E-04	8.4E-06	4.7E-02	5.5E-02	2.2E-08
852	0.03	3.0E-08	1.7E+01	1.1E-03	6.1E-04	1.2E-05	4.7E-02	5.5E-02	3.0E-08
853	0.04	4.5E-08	2.5E+01	1.1E-03	6.1E-04	1.7E-05	4.7E-02	5.5E-02	4.5E-08
854	0.07	6.8E-08	3.8E+01	1.1E-03	6.1E-04	2.6E-05	4.7E-02	5.5E-02	6.8E-08
855	0.07	7.0E-08	3.9E+01	1.1E-03	6.1E-04	2.7E-05	4.7E-02	5.5E-02	7.0E-08
856	0.02	2.1E-08	1.2E+01	1.1E-03	6.1E-04	8.0E-06	4.7E-02	5.5E-02	2.1E-08
857	0.03	2.9E-08	1.6E+01	1.1E-03	6.1E-04	1.1E-05	4.7E-02	5.5E-02	2.9E-08
858	0.04	4.2E-08	2.4E+01	1.1E-03	6.1E-04	1.6E-05	4.7E-02	5.5E-02	4.2E-08
859	0.07	6.6E-08	3.7E+01	1.1E-03	6.1E-04	2.5E-05	4.7E-02	5.5E-02	6.6E-08
860	0.06	6.1E-08	3.5E+01	1.1E-03	6.1E-04	2.4E-05	4.7E-02	5.5E-02	6.1E-08
861	0.02	2.0E-08	1.1E+01	1.1E-03	6.1E-04	7.5E-06	4.7E-02	5.5E-02	1.9E-08
862	0.03	2.6E-08	1.5E+01	1.1E-03	6.1E-04	1.0E-05	4.7E-02	5.5E-02	2.6E-08
863	0.04	3.8E-08	2.1E+01	1.1E-03	6.1E-04	1.5E-05	4.7E-02	5.5E-02	3.8E-08
864	0.06	5.7E-08	3.2E+01	1.1E-03	6.1E-04	2.2E-05	4.7E-02	5.5E-02	5.7E-08
865	0.06	5.8E-08	3.3E+01	1.1E-03	6.1E-04	2.2E-05	4.7E-02	5.5E-02	5.8E-08
866	0.02	2.3E-08	1.3E+01	1.1E-03	6.1E-04	8.8E-06	4.7E-02	5.5E-02	2.3E-08
867	0.03	2.7E-08	1.5E+01	1.1E-03	6.1E-04	1.0E-05	4.7E-02	5.5E-02	2.7E-08
868	0.04	3.8E-08	2.1E+01	1.1E-03	6.1E-04	1.5E-05	4.7E-02	5.5E-02	3.8E-08
869	0.06	5.6E-08	3.2E+01	1.1E-03	6.1E-04	2.2E-05	4.7E-02	5.5E-02	5.6E-08
870	0.03	3.2E-08	1.8E+01	1.1E-03	6.1E-04	1.2E-05	4.7E-02	5.5E-02	3.2E-08
871	0.05	4.6E-08	2.6E+01	1.1E-03	6.1E-04	1.8E-05	4.7E-02	5.5E-02	4.6E-08
872	0.06	6.2E-08	3.5E+01	1.1E-03	6.1E-04	2.4E-05	4.7E-02	5.5E-02	6.2E-08

Franklin School Project

Risk From New Building Demo - Mitigated School

Haul Route 1A							Haul Route 2A						
Conc	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
2.0E+01	2.0E-06	6.1E-04	2.3E-08	4.7E-02	5.5E-02	6.0E-11	9.9E+00	6.2E-06	6.1E-04	3.7E-08	4.7E-02	5.5E-02	9.6E-11
1.7E+01	2.0E-06	6.1E-04	2.0E-08	4.7E-02	5.5E-02	5.2E-11	9.6E+00	6.2E-06	6.1E-04	3.6E-08	4.7E-02	5.5E-02	9.4E-11
1.6E+01	2.0E-06	6.1E-04	1.9E-08	4.7E-02	5.5E-02	5.0E-11	8.4E+00	6.2E-06	6.1E-04	3.2E-08	4.7E-02	5.5E-02	8.1E-11
1.4E+01	2.0E-06	6.1E-04	1.7E-08	4.7E-02	5.5E-02	4.4E-11	8.2E+00	6.2E-06	6.1E-04	3.1E-08	4.7E-02	5.5E-02	8.0E-11
1.3E+01	2.0E-06	6.1E-04	1.6E-08	4.7E-02	5.5E-02	4.1E-11	7.2E+00	6.2E-06	6.1E-04	2.7E-08	4.7E-02	5.5E-02	7.0E-11
1.2E+01	2.0E-06	6.1E-04	1.4E-08	4.7E-02	5.5E-02	3.7E-11	7.1E+00	6.2E-06	6.1E-04	2.7E-08	4.7E-02	5.5E-02	6.9E-11
1.1E+01	2.0E-06	6.1E-04	1.3E-08	4.7E-02	5.5E-02	3.4E-11	6.2E+00	6.2E-06	6.1E-04	2.3E-08	4.7E-02	5.5E-02	6.0E-11
1.0E+01	2.0E-06	6.1E-04	1.2E-08	4.7E-02	5.5E-02	3.2E-11	6.2E+00	6.2E-06	6.1E-04	2.3E-08	4.7E-02	5.5E-02	6.0E-11
9.5E+00	2.0E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-02	2.9E-11	5.4E+00	6.2E-06	6.1E-04	2.0E-08	4.7E-02	5.5E-02	5.3E-11
8.8E+00	2.0E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-02	2.7E-11	5.4E+00	6.2E-06	6.1E-04	2.0E-08	4.7E-02	5.5E-02	5.2E-11
8.2E+00	2.0E-06	6.1E-04	9.7E-09	4.7E-02	5.5E-02	2.5E-11	4.8E+00	6.2E-06	6.1E-04	1.8E-08	4.7E-02	5.5E-02	4.7E-11
7.7E+00	2.0E-06	6.1E-04	9.1E-09	4.7E-02	5.5E-02	2.4E-11	4.8E+00	6.2E-06	6.1E-04	1.8E-08	4.7E-02	5.5E-02	4.6E-11
7.1E+00	2.0E-06	6.1E-04	8.4E-09	4.7E-02	5.5E-02	2.2E-11	4.3E+00	6.2E-06	6.1E-04	1.6E-08	4.7E-02	5.5E-02	4.1E-11
6.7E+00	2.0E-06	6.1E-04	8.0E-09	4.7E-02	5.5E-02	2.1E-11	4.3E+00	6.2E-06	6.1E-04	1.6E-08	4.7E-02	5.5E-02	4.1E-11
3.2E+01	2.0E-06	6.1E-04	3.8E-08	4.7E-02	5.5E-02	9.9E-11	1.8E+01	6.2E-06	6.1E-04	6.8E-08	4.7E-02	5.5E-02	1.7E-10
6.9E+01	2.0E-06	6.1E-04	8.3E-08	4.7E-02	5.5E-02	2.1E-10	1.8E+01	6.2E-06	6.1E-04	6.9E-08	4.7E-02	5.5E-02	1.8E-10
4.7E+01	2.0E-06	6.1E-04	5.6E-08	4.7E-02	5.5E-02	1.4E-10	1.8E+01	6.2E-06	6.1E-04	6.9E-08	4.7E-02	5.5E-02	1.8E-10
2.2E+01	2.0E-06	6.1E-04	2.6E-08	4.7E-02	5.5E-02	6.7E-11	1.4E+01	6.2E-06	6.1E-04	5.3E-08	4.7E-02	5.5E-02	1.4E-10
5.0E+01	2.0E-06	6.1E-04	6.0E-08	4.7E-02	5.5E-02	1.6E-10	1.4E+01	6.2E-06	6.1E-04	5.4E-08	4.7E-02	5.5E-02	1.4E-10
3.7E+01	2.0E-06	6.1E-04	4.4E-08	4.7E-02	5.5E-02	1.1E-10	1.4E+01	6.2E-06	6.1E-04	5.4E-08	4.7E-02	5.5E-02	1.4E-10
4.4E+01	2.0E-06	6.1E-04	5.3E-08	4.7E-02	5.5E-02	1.4E-10	1.1E+01	6.2E-06	6.1E-04	4.3E-08	4.7E-02	5.5E-02	1.1E-10
3.6E+01	2.0E-06	6.1E-04	4.3E-08	4.7E-02	5.5E-02	1.1E-10	1.2E+01	6.2E-06	6.1E-04	4.4E-08	4.7E-02	5.5E-02	1.1E-10
2.9E+01	2.0E-06	6.1E-04	3.4E-08	4.7E-02	5.5E-02	8.8E-11	1.2E+01	6.2E-06	6.1E-04	4.4E-08	4.7E-02	5.5E-02	1.1E-10
3.0E+01	2.0E-06	6.1E-04	3.6E-08	4.7E-02	5.5E-02	9.2E-11	9.4E+00	6.2E-06	6.1E-04	3.5E-08	4.7E-02	5.5E-02	9.1E-11
2.6E+01	2.0E-06	6.1E-04	3.1E-08	4.7E-02	5.5E-02	8.0E-11	9.7E+00	6.2E-06	6.1E-04	3.6E-08	4.7E-02	5.5E-02	9.4E-11
2.2E+01	2.0E-06	6.1E-04	2.7E-08	4.7E-02	5.5E-02	6.9E-11	9.7E+00	6.2E-06	6.1E-04	3.6E-08	4.7E-02	5.5E-02	9.4E-11
2.2E+01	2.0E-06	6.1E-04	2.6E-08	4.7E-02	5.5E-02	6.6E-11	7.9E+00	6.2E-06	6.1E-04	3.0E-08	4.7E-02	5.5E-02	7.7E-11
2.0E+01	2.0E-06	6.1E-04	2.4E-08	4.7E-02	5.5E-02	6.1E-11	8.1E+00	6.2E-06	6.1E-04	3.0E-08	4.7E-02	5.5E-02	7.9E-11
1.8E+01	2.0E-06	6.1E-04	2.1E-08	4.7E-02	5.5E-02	5.4E-11	8.2E+00	6.2E-06	6.1E-04	3.1E-08	4.7E-02	5.5E-02	7.9E-11
1.7E+01	2.0E-06	6.1E-04	2.1E-08	4.7E-02	5.5E-02	5.3E-11	7.0E+00	6.2E-06	6.1E-04	2.6E-08	4.7E-02	5.5E-02	6.7E-11
1.6E+01	2.0E-06	6.1E-04	1.9E-08	4.7E-02	5.5E-02	5.0E-11	7.1E+00	6.2E-06	6.1E-04	2.7E-08	4.7E-02	5.5E-02	6.9E-11
1.5E+01	2.0E-06	6.1E-04	1.8E-08	4.7E-02	5.5E-02	4.6E-11	7.2E+00	6.2E-06	6.1E-04	2.7E-08	4.7E-02	5.5E-02	7.0E-11
1.4E+01	2.0E-06	6.1E-04	1.6E-08	4.7E-02	5.5E-02	4.2E-11	6.0E+00	6.2E-06	6.1E-04	2.3E-08	4.7E-02	5.5E-02	5.8E-11
1.3E+01	2.0E-06	6.1E-04	1.6E-08	4.7E-02	5.5E-02	4.0E-11	6.1E+00	6.2E-06	6.1E-04	2.3E-08	4.7E-02	5.5E-02	6.0E-11
1.2E+01	2.0E-06	6.1E-04	1.5E-08	4.7E-02	5.5E-02	3.8E-11	6.2E+00	6.2E-06	6.1E-04	2.3E-08	4.7E-02	5.5E-02	6.0E-11
1.1E+01	2.0E-06	6.1E-04	1.3E-08	4.7E-02	5.5E-02	3.4E-11	5.2E+00	6.2E-06	6.1E-04	2.0E-08	4.7E-02	5.5E-02	5.1E-11
1.1E+01	2.0E-06	6.1E-04	1.3E-08	4.7E-02	5.5E-02	3.3E-11	5.4E+00	6.2E-06	6.1E-04	2.0E-08	4.7E-02	5.5E-02	5.2E-11
1.0E+01	2.0E-06	6.1E-04	1.2E-08	4.7E-02	5.5E-02	3.1E-11	5.4E+00	6.2E-06	6.1E-04	2.0E-08	4.7E-02	5.5E-02	5.3E-11
9.1E+00	2.0E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-02	2.8E-11	4.6E+00	6.2E-06	6.1E-04	1.7E-08	4.7E-02	5.5E-02	4.5E-11

8.9E+00	2.0E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-02	2.7E-11	4.7E+00	6.2E-06	6.1E-04	1.8E-08	4.7E-02	5.5E-02	4.6E-11
8.6E+00	2.0E-06	6.1E-04	1.0E-08	4.7E-02	5.5E-02	2.6E-11	4.8E+00	6.2E-06	6.1E-04	1.8E-08	4.7E-02	5.5E-02	4.6E-11
7.7E+00	2.0E-06	6.1E-04	9.1E-09	4.7E-02	5.5E-02	2.4E-11	4.1E+00	6.2E-06	6.1E-04	1.5E-08	4.7E-02	5.5E-02	4.0E-11
7.6E+00	2.0E-06	6.1E-04	9.0E-09	4.7E-02	5.5E-02	2.3E-11	4.2E+00	6.2E-06	6.1E-04	1.6E-08	4.7E-02	5.5E-02	4.0E-11
7.4E+00	2.0E-06	6.1E-04	8.8E-09	4.7E-02	5.5E-02	2.3E-11	4.2E+00	6.2E-06	6.1E-04	1.6E-08	4.7E-02	5.5E-02	4.1E-11
7.2E+00	2.0E-06	6.1E-04	8.5E-09	4.7E-02	5.5E-02	2.2E-11	3.9E+00	6.2E-06	6.1E-04	1.5E-08	4.7E-02	5.5E-02	3.8E-11
7.1E+00	2.0E-06	6.1E-04	8.4E-09	4.7E-02	5.5E-02	2.2E-11	4.0E+00	6.2E-06	6.1E-04	1.5E-08	4.7E-02	5.5E-02	3.9E-11
6.9E+00	2.0E-06	6.1E-04	8.2E-09	4.7E-02	5.5E-02	2.1E-11	4.1E+00	6.2E-06	6.1E-04	1.5E-08	4.7E-02	5.5E-02	3.9E-11
6.6E+00	2.0E-06	6.1E-04	7.9E-09	4.7E-02	5.5E-02	2.0E-11	4.1E+00	6.2E-06	6.1E-04	1.5E-08	4.7E-02	5.5E-02	4.0E-11
6.3E+00	2.0E-06	6.1E-04	7.5E-09	4.7E-02	5.5E-02	1.9E-11	4.1E+00	6.2E-06	6.1E-04	1.5E-08	4.7E-02	5.5E-02	3.9E-11
6.2E+00	2.0E-06	6.1E-04	7.4E-09	4.7E-02	5.5E-02	1.9E-11	3.5E+00	6.2E-06	6.1E-04	1.3E-08	4.7E-02	5.5E-02	3.4E-11
6.1E+00	2.0E-06	6.1E-04	7.3E-09	4.7E-02	5.5E-02	1.9E-11	3.6E+00	6.2E-06	6.1E-04	1.3E-08	4.7E-02	5.5E-02	3.5E-11
6.0E+00	2.0E-06	6.1E-04	7.1E-09	4.7E-02	5.5E-02	1.8E-11	3.6E+00	6.2E-06	6.1E-04	1.4E-08	4.7E-02	5.5E-02	3.5E-11
5.8E+00	2.0E-06	6.1E-04	6.9E-09	4.7E-02	5.5E-02	1.8E-11	3.7E+00	6.2E-06	6.1E-04	1.4E-08	4.7E-02	5.5E-02	3.5E-11
5.6E+00	2.0E-06	6.1E-04	6.6E-09	4.7E-02	5.5E-02	1.7E-11	3.7E+00	6.2E-06	6.1E-04	1.4E-08	4.7E-02	5.5E-02	3.5E-11
5.4E+00	2.0E-06	6.1E-04	6.4E-09	4.7E-02	5.5E-02	1.7E-11	3.2E+00	6.2E-06	6.1E-04	1.2E-08	4.7E-02	5.5E-02	3.1E-11
5.3E+00	2.0E-06	6.1E-04	6.4E-09	4.7E-02	5.5E-02	1.6E-11	3.2E+00	6.2E-06	6.1E-04	1.2E-08	4.7E-02	5.5E-02	3.1E-11
5.3E+00	2.0E-06	6.1E-04	6.3E-09	4.7E-02	5.5E-02	1.6E-11	3.3E+00	6.2E-06	6.1E-04	1.2E-08	4.7E-02	5.5E-02	3.2E-11
5.1E+00	2.0E-06	6.1E-04	6.1E-09	4.7E-02	5.5E-02	1.6E-11	3.3E+00	6.2E-06	6.1E-04	1.2E-08	4.7E-02	5.5E-02	3.2E-11
5.0E+00	2.0E-06	6.1E-04	5.9E-09	4.7E-02	5.5E-02	1.5E-11	3.3E+00	6.2E-06	6.1E-04	1.2E-08	4.7E-02	5.5E-02	3.2E-11
4.6E+01	2.0E-06	6.1E-04	5.4E-08	4.7E-02	5.5E-02	1.4E-10	1.9E+01	6.2E-06	6.1E-04	7.2E-08	4.7E-02	5.5E-02	1.9E-10
3.7E+01	2.0E-06	6.1E-04	4.4E-08	4.7E-02	5.5E-02	1.1E-10	1.5E+01	6.2E-06	6.1E-04	5.7E-08	4.7E-02	5.5E-02	1.5E-10
2.9E+01	2.0E-06	6.1E-04	3.4E-08	4.7E-02	5.5E-02	8.8E-11	1.5E+01	6.2E-06	6.1E-04	5.5E-08	4.7E-02	5.5E-02	1.4E-10
2.3E+01	2.0E-06	6.1E-04	2.7E-08	4.7E-02	5.5E-02	7.1E-11	1.4E+01	6.2E-06	6.1E-04	5.2E-08	4.7E-02	5.5E-02	1.3E-10
2.9E+01	2.0E-06	6.1E-04	3.4E-08	4.7E-02	5.5E-02	8.9E-11	1.2E+01	6.2E-06	6.1E-04	4.6E-08	4.7E-02	5.5E-02	1.2E-10
2.4E+01	2.0E-06	6.1E-04	2.8E-08	4.7E-02	5.5E-02	7.3E-11	1.2E+01	6.2E-06	6.1E-04	4.5E-08	4.7E-02	5.5E-02	1.2E-10
2.0E+01	2.0E-06	6.1E-04	2.3E-08	4.7E-02	5.5E-02	6.0E-11	1.1E+01	6.2E-06	6.1E-04	4.3E-08	4.7E-02	5.5E-02	1.1E-10

Franklin School Project

Risk From New Building Demo - Mitigated School

Haul Route 1A							Haul Route 2A						
Conc	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
9.9E+00	1.3E-05	6.1E-04	7.7E-08	4.7E-02	5.5E-02	2.0E-10	8.5E-01	1.4E-06	6.1E-04	7.0E-10	4.7E-02	5.5E-02	1.8E-12
9.6E+00	1.3E-05	6.1E-04	7.4E-08	4.7E-02	5.5E-02	1.9E-10	8.3E-01	1.4E-06	6.1E-04	6.9E-10	4.7E-02	5.5E-02	1.8E-12
8.4E+00	1.3E-05	6.1E-04	6.5E-08	4.7E-02	5.5E-02	1.7E-10	8.2E-01	1.4E-06	6.1E-04	6.8E-10	4.7E-02	5.5E-02	1.7E-12
8.2E+00	1.3E-05	6.1E-04	6.3E-08	4.7E-02	5.5E-02	1.6E-10	8.0E-01	1.4E-06	6.1E-04	6.6E-10	4.7E-02	5.5E-02	1.7E-12
7.2E+00	1.3E-05	6.1E-04	5.5E-08	4.7E-02	5.5E-02	1.4E-10	7.8E-01	1.4E-06	6.1E-04	6.5E-10	4.7E-02	5.5E-02	1.7E-12
7.1E+00	1.3E-05	6.1E-04	5.5E-08	4.7E-02	5.5E-02	1.4E-10	7.7E-01	1.4E-06	6.1E-04	6.4E-10	4.7E-02	5.5E-02	1.6E-12
6.2E+00	1.3E-05	6.1E-04	4.8E-08	4.7E-02	5.5E-02	1.2E-10	7.5E-01	1.4E-06	6.1E-04	6.2E-10	4.7E-02	5.5E-02	1.6E-12
6.2E+00	1.3E-05	6.1E-04	4.7E-08	4.7E-02	5.5E-02	1.2E-10	7.4E-01	1.4E-06	6.1E-04	6.1E-10	4.7E-02	5.5E-02	1.6E-12
5.4E+00	1.3E-05	6.1E-04	4.2E-08	4.7E-02	5.5E-02	1.1E-10	7.2E-01	1.4E-06	6.1E-04	6.0E-10	4.7E-02	5.5E-02	1.5E-12
5.4E+00	1.3E-05	6.1E-04	4.2E-08	4.7E-02	5.5E-02	1.1E-10	7.1E-01	1.4E-06	6.1E-04	5.9E-10	4.7E-02	5.5E-02	1.5E-12
4.8E+00	1.3E-05	6.1E-04	3.7E-08	4.7E-02	5.5E-02	9.6E-11	7.0E-01	1.4E-06	6.1E-04	5.8E-10	4.7E-02	5.5E-02	1.5E-12
4.8E+00	1.3E-05	6.1E-04	3.7E-08	4.7E-02	5.5E-02	9.5E-11	6.8E-01	1.4E-06	6.1E-04	5.7E-10	4.7E-02	5.5E-02	1.5E-12
4.3E+00	1.3E-05	6.1E-04	3.3E-08	4.7E-02	5.5E-02	8.5E-11	6.7E-01	1.4E-06	6.1E-04	5.6E-10	4.7E-02	5.5E-02	1.4E-12
4.3E+00	1.3E-05	6.1E-04	3.3E-08	4.7E-02	5.5E-02	8.5E-11	6.6E-01	1.4E-06	6.1E-04	5.5E-10	4.7E-02	5.5E-02	1.4E-12
1.8E+01	1.3E-05	6.1E-04	1.4E-07	4.7E-02	5.5E-02	3.6E-10	1.0E+00	1.4E-06	6.1E-04	8.5E-10	4.7E-02	5.5E-02	2.2E-12
1.8E+01	1.3E-05	6.1E-04	1.4E-07	4.7E-02	5.5E-02	3.7E-10	1.0E+00	1.4E-06	6.1E-04	8.3E-10	4.7E-02	5.5E-02	2.1E-12
1.8E+01	1.3E-05	6.1E-04	1.4E-07	4.7E-02	5.5E-02	3.6E-10	9.8E-01	1.4E-06	6.1E-04	8.1E-10	4.7E-02	5.5E-02	2.1E-12
1.4E+01	1.3E-05	6.1E-04	1.1E-07	4.7E-02	5.5E-02	2.8E-10	9.8E-01	1.4E-06	6.1E-04	8.1E-10	4.7E-02	5.5E-02	2.1E-12
1.4E+01	1.3E-05	6.1E-04	1.1E-07	4.7E-02	5.5E-02	2.9E-10	9.6E-01	1.4E-06	6.1E-04	8.0E-10	4.7E-02	5.5E-02	2.1E-12
1.4E+01	1.3E-05	6.1E-04	1.1E-07	4.7E-02	5.5E-02	2.9E-10	9.4E-01	1.4E-06	6.1E-04	7.8E-10	4.7E-02	5.5E-02	2.0E-12
1.1E+01	1.3E-05	6.1E-04	8.8E-08	4.7E-02	5.5E-02	2.3E-10	9.4E-01	1.4E-06	6.1E-04	7.8E-10	4.7E-02	5.5E-02	2.0E-12
1.2E+01	1.3E-05	6.1E-04	9.0E-08	4.7E-02	5.5E-02	2.3E-10	9.2E-01	1.4E-06	6.1E-04	7.6E-10	4.7E-02	5.5E-02	2.0E-12
1.2E+01	1.3E-05	6.1E-04	9.1E-08	4.7E-02	5.5E-02	2.3E-10	9.0E-01	1.4E-06	6.1E-04	7.5E-10	4.7E-02	5.5E-02	1.9E-12
9.4E+00	1.3E-05	6.1E-04	7.3E-08	4.7E-02	5.5E-02	1.9E-10	9.0E-01	1.4E-06	6.1E-04	7.4E-10	4.7E-02	5.5E-02	1.9E-12
9.7E+00	1.3E-05	6.1E-04	7.4E-08	4.7E-02	5.5E-02	1.9E-10	8.8E-01	1.4E-06	6.1E-04	7.3E-10	4.7E-02	5.5E-02	1.9E-12
9.7E+00	1.3E-05	6.1E-04	7.5E-08	4.7E-02	5.5E-02	1.9E-10	8.6E-01	1.4E-06	6.1E-04	7.1E-10	4.7E-02	5.5E-02	1.8E-12
7.9E+00	1.3E-05	6.1E-04	6.1E-08	4.7E-02	5.5E-02	1.6E-10	8.6E-01	1.4E-06	6.1E-04	7.1E-10	4.7E-02	5.5E-02	1.8E-12
8.1E+00	1.3E-05	6.1E-04	6.3E-08	4.7E-02	5.5E-02	1.6E-10	8.4E-01	1.4E-06	6.1E-04	7.0E-10	4.7E-02	5.5E-02	1.8E-12
8.2E+00	1.3E-05	6.1E-04	6.3E-08	4.7E-02	5.5E-02	1.6E-10	8.3E-01	1.4E-06	6.1E-04	6.8E-10	4.7E-02	5.5E-02	1.8E-12
7.0E+00	1.3E-05	6.1E-04	5.4E-08	4.7E-02	5.5E-02	1.4E-10	8.3E-01	1.4E-06	6.1E-04	6.9E-10	4.7E-02	5.5E-02	1.8E-12
7.1E+00	1.3E-05	6.1E-04	5.5E-08	4.7E-02	5.5E-02	1.4E-10	8.1E-01	1.4E-06	6.1E-04	6.8E-10	4.7E-02	5.5E-02	1.7E-12
7.2E+00	1.3E-05	6.1E-04	5.6E-08	4.7E-02	5.5E-02	1.4E-10	8.0E-01	1.4E-06	6.1E-04	6.6E-10	4.7E-02	5.5E-02	1.7E-12
6.0E+00	1.3E-05	6.1E-04	4.6E-08	4.7E-02	5.5E-02	1.2E-10	7.9E-01	1.4E-06	6.1E-04	6.6E-10	4.7E-02	5.5E-02	1.7E-12
6.1E+00	1.3E-05	6.1E-04	4.7E-08	4.7E-02	5.5E-02	1.2E-10	7.8E-01	1.4E-06	6.1E-04	6.5E-10	4.7E-02	5.5E-02	1.7E-12
6.2E+00	1.3E-05	6.1E-04	4.8E-08	4.7E-02	5.5E-02	1.2E-10	7.7E-01	1.4E-06	6.1E-04	6.4E-10	4.7E-02	5.5E-02	1.6E-12
5.2E+00	1.3E-05	6.1E-04	4.0E-08	4.7E-02	5.5E-02	1.0E-10	7.6E-01	1.4E-06	6.1E-04	6.3E-10	4.7E-02	5.5E-02	1.6E-12
5.4E+00	1.3E-05	6.1E-04	4.1E-08	4.7E-02	5.5E-02	1.1E-10	7.5E-01	1.4E-06	6.1E-04	6.2E-10	4.7E-02	5.5E-02	1.6E-12
5.4E+00	1.3E-05	6.1E-04	4.2E-08	4.7E-02	5.5E-02	1.1E-10	7.4E-01	1.4E-06	6.1E-04	6.1E-10	4.7E-02	5.5E-02	1.6E-12
4.6E+00	1.3E-05	6.1E-04	3.5E-08	4.7E-02	5.5E-02	9.1E-11	7.3E-01	1.4E-06	6.1E-04	6.1E-10	4.7E-02	5.5E-02	1.6E-12

4.7E+00	1.3E-05	6.1E-04	3.6E-08	4.7E-02	5.5E-02	9.4E-11	7.2E-01	1.4E-06	6.1E-04	6.0E-10	4.7E-02	5.5E-02	1.5E-12
4.8E+00	1.3E-05	6.1E-04	3.7E-08	4.7E-02	5.5E-02	9.5E-11	7.1E-01	1.4E-06	6.1E-04	5.9E-10	4.7E-02	5.5E-02	1.5E-12
4.1E+00	1.3E-05	6.1E-04	3.1E-08	4.7E-02	5.5E-02	8.1E-11	7.0E-01	1.4E-06	6.1E-04	5.8E-10	4.7E-02	5.5E-02	1.5E-12
4.2E+00	1.3E-05	6.1E-04	3.2E-08	4.7E-02	5.5E-02	8.3E-11	6.9E-01	1.4E-06	6.1E-04	5.7E-10	4.7E-02	5.5E-02	1.5E-12
4.2E+00	1.3E-05	6.1E-04	3.3E-08	4.7E-02	5.5E-02	8.4E-11	6.8E-01	1.4E-06	6.1E-04	5.7E-10	4.7E-02	5.5E-02	1.5E-12
3.9E+00	1.3E-05	6.1E-04	3.0E-08	4.7E-02	5.5E-02	7.8E-11	6.9E-01	1.4E-06	6.1E-04	5.7E-10	4.7E-02	5.5E-02	1.5E-12
4.0E+00	1.3E-05	6.1E-04	3.1E-08	4.7E-02	5.5E-02	8.0E-11	6.8E-01	1.4E-06	6.1E-04	5.6E-10	4.7E-02	5.5E-02	1.5E-12
4.1E+00	1.3E-05	6.1E-04	3.1E-08	4.7E-02	5.5E-02	8.1E-11	6.7E-01	1.4E-06	6.1E-04	5.5E-10	4.7E-02	5.5E-02	1.4E-12
4.1E+00	1.3E-05	6.1E-04	3.1E-08	4.7E-02	5.5E-02	8.1E-11	6.6E-01	1.4E-06	6.1E-04	5.5E-10	4.7E-02	5.5E-02	1.4E-12
4.1E+00	1.3E-05	6.1E-04	3.1E-08	4.7E-02	5.5E-02	8.1E-11	6.5E-01	1.4E-06	6.1E-04	5.4E-10	4.7E-02	5.5E-02	1.4E-12
3.5E+00	1.3E-05	6.1E-04	2.7E-08	4.7E-02	5.5E-02	7.0E-11	6.6E-01	1.4E-06	6.1E-04	5.5E-10	4.7E-02	5.5E-02	1.4E-12
3.6E+00	1.3E-05	6.1E-04	2.8E-08	4.7E-02	5.5E-02	7.1E-11	6.5E-01	1.4E-06	6.1E-04	5.4E-10	4.7E-02	5.5E-02	1.4E-12
3.6E+00	1.3E-05	6.1E-04	2.8E-08	4.7E-02	5.5E-02	7.2E-11	6.5E-01	1.4E-06	6.1E-04	5.3E-10	4.7E-02	5.5E-02	1.4E-12
3.7E+00	1.3E-05	6.1E-04	2.8E-08	4.7E-02	5.5E-02	7.3E-11	6.4E-01	1.4E-06	6.1E-04	5.3E-10	4.7E-02	5.5E-02	1.4E-12
3.7E+00	1.3E-05	6.1E-04	2.8E-08	4.7E-02	5.5E-02	7.3E-11	6.2E-01	1.4E-06	6.1E-04	5.2E-10	4.7E-02	5.5E-02	1.3E-12
3.2E+00	1.3E-05	6.1E-04	2.4E-08	4.7E-02	5.5E-02	6.3E-11	6.4E-01	1.4E-06	6.1E-04	5.3E-10	4.7E-02	5.5E-02	1.4E-12
3.2E+00	1.3E-05	6.1E-04	2.5E-08	4.7E-02	5.5E-02	6.4E-11	6.3E-01	1.4E-06	6.1E-04	5.2E-10	4.7E-02	5.5E-02	1.4E-12
3.3E+00	1.3E-05	6.1E-04	2.5E-08	4.7E-02	5.5E-02	6.5E-11	6.2E-01	1.4E-06	6.1E-04	5.2E-10	4.7E-02	5.5E-02	1.3E-12
3.3E+00	1.3E-05	6.1E-04	2.5E-08	4.7E-02	5.5E-02	6.6E-11	6.1E-01	1.4E-06	6.1E-04	5.1E-10	4.7E-02	5.5E-02	1.3E-12
3.3E+00	1.3E-05	6.1E-04	2.5E-08	4.7E-02	5.5E-02	6.6E-11	6.0E-01	1.4E-06	6.1E-04	5.0E-10	4.7E-02	5.5E-02	1.3E-12
1.9E+01	1.3E-05	6.1E-04	1.5E-07	4.7E-02	5.5E-02	3.8E-10	9.9E-01	1.4E-06	6.1E-04	8.2E-10	4.7E-02	5.5E-02	2.1E-12
1.5E+01	1.3E-05	6.1E-04	1.2E-07	4.7E-02	5.5E-02	3.0E-10	9.4E-01	1.4E-06	6.1E-04	7.8E-10	4.7E-02	5.5E-02	2.0E-12
1.5E+01	1.3E-05	6.1E-04	1.1E-07	4.7E-02	5.5E-02	2.9E-10	9.2E-01	1.4E-06	6.1E-04	7.6E-10	4.7E-02	5.5E-02	2.0E-12
1.4E+01	1.3E-05	6.1E-04	1.1E-07	4.7E-02	5.5E-02	2.8E-10	9.0E-01	1.4E-06	6.1E-04	7.5E-10	4.7E-02	5.5E-02	1.9E-12
1.2E+01	1.3E-05	6.1E-04	9.4E-08	4.7E-02	5.5E-02	2.4E-10	9.0E-01	1.4E-06	6.1E-04	7.5E-10	4.7E-02	5.5E-02	1.9E-12
1.2E+01	1.3E-05	6.1E-04	9.2E-08	4.7E-02	5.5E-02	2.4E-10	8.8E-01	1.4E-06	6.1E-04	7.3E-10	4.7E-02	5.5E-02	1.9E-12
1.1E+01	1.3E-05	6.1E-04	8.8E-08	4.7E-02	5.5E-02	2.3E-10	8.6E-01	1.4E-06	6.1E-04	7.2E-10	4.7E-02	5.5E-02	1.8E-12

Risk From New Building Grading - Mitigated School

Franklin School Project

Risk From New Building Grading - Mitigated School

0.01	Max

Onsite

Receptor #	Total/ Million	Total	Conc	g/sec	D1	Dose	R1	ED	Risk
807	0.01	5.6E-09	2.9E+01	4.9E-04	6.1E-04	8.7E-06	4.7E-02	1.4E-02	5.6E-09
808	0.01	6.3E-09	3.3E+01	4.9E-04	6.1E-04	9.8E-06	4.7E-02	1.4E-02	6.3E-09
809	0.01	6.2E-09	3.2E+01	4.9E-04	6.1E-04	9.6E-06	4.7E-02	1.4E-02	6.2E-09
810	0.01	6.7E-09	3.5E+01	4.9E-04	6.1E-04	1.0E-05	4.7E-02	1.4E-02	6.7E-09
811	0.01	6.4E-09	3.3E+01	4.9E-04	6.1E-04	9.9E-06	4.7E-02	1.4E-02	6.4E-09
812	0.01	8.1E-09	4.2E+01	4.9E-04	6.1E-04	1.3E-05	4.7E-02	1.4E-02	8.1E-09
813	0.01	6.5E-09	3.4E+01	4.9E-04	6.1E-04	1.0E-05	4.7E-02	1.4E-02	6.5E-09
814	0.01	8.7E-09	4.6E+01	4.9E-04	6.1E-04	1.3E-05	4.7E-02	1.4E-02	8.7E-09
815	0.01	6.9E-09	3.6E+01	4.9E-04	6.1E-04	1.1E-05	4.7E-02	1.4E-02	6.9E-09
816	0.01	7.6E-09	4.0E+01	4.9E-04	6.1E-04	1.2E-05	4.7E-02	1.4E-02	7.6E-09
817	0.01	7.1E-09	3.7E+01	4.9E-04	6.1E-04	1.1E-05	4.7E-02	1.4E-02	7.1E-09
818	0.01	7.6E-09	4.0E+01	4.9E-04	6.1E-04	1.2E-05	4.7E-02	1.4E-02	7.6E-09
819	0.01	6.9E-09	3.6E+01	4.9E-04	6.1E-04	1.1E-05	4.7E-02	1.4E-02	6.9E-09
820	0.01	9.3E-09	4.8E+01	4.9E-04	6.1E-04	1.4E-05	4.7E-02	1.4E-02	9.3E-09
821	0.00	1.5E-09	7.9E+00	4.9E-04	6.1E-04	2.3E-06	4.7E-02	1.4E-02	1.5E-09
822	0.00	1.9E-09	9.7E+00	4.9E-04	6.1E-04	2.9E-06	4.7E-02	1.4E-02	1.9E-09
823	0.00	2.4E-09	1.3E+01	4.9E-04	6.1E-04	3.7E-06	4.7E-02	1.4E-02	2.4E-09
824	0.00	1.7E-09	8.7E+00	4.9E-04	6.1E-04	2.6E-06	4.7E-02	1.4E-02	1.7E-09
825	0.00	2.1E-09	1.1E+01	4.9E-04	6.1E-04	3.3E-06	4.7E-02	1.4E-02	2.1E-09
826	0.00	2.8E-09	1.5E+01	4.9E-04	6.1E-04	4.4E-06	4.7E-02	1.4E-02	2.8E-09
827	0.00	1.8E-09	9.6E+00	4.9E-04	6.1E-04	2.8E-06	4.7E-02	1.4E-02	1.8E-09
828	0.00	2.4E-09	1.3E+01	4.9E-04	6.1E-04	3.7E-06	4.7E-02	1.4E-02	2.4E-09
829	0.00	3.3E-09	1.7E+01	4.9E-04	6.1E-04	5.1E-06	4.7E-02	1.4E-02	3.3E-09
830	0.00	2.0E-09	1.0E+01	4.9E-04	6.1E-04	3.1E-06	4.7E-02	1.4E-02	2.0E-09
831	0.00	2.6E-09	1.4E+01	4.9E-04	6.1E-04	4.1E-06	4.7E-02	1.4E-02	2.6E-09
832	0.00	3.7E-09	1.9E+01	4.9E-04	6.1E-04	5.7E-06	4.7E-02	1.4E-02	3.7E-09
833	0.00	2.1E-09	1.1E+01	4.9E-04	6.1E-04	3.3E-06	4.7E-02	1.4E-02	2.1E-09
834	0.00	2.8E-09	1.5E+01	4.9E-04	6.1E-04	4.3E-06	4.7E-02	1.4E-02	2.8E-09
835	0.00	4.0E-09	2.1E+01	4.9E-04	6.1E-04	6.2E-06	4.7E-02	1.4E-02	4.0E-09
836	0.00	2.2E-09	1.1E+01	4.9E-04	6.1E-04	3.4E-06	4.7E-02	1.4E-02	2.2E-09
837	0.00	2.9E-09	1.5E+01	4.9E-04	6.1E-04	4.4E-06	4.7E-02	1.4E-02	2.9E-09
838	0.00	4.1E-09	2.1E+01	4.9E-04	6.1E-04	6.3E-06	4.7E-02	1.4E-02	4.1E-09
839	0.00	2.2E-09	1.2E+01	4.9E-04	6.1E-04	3.5E-06	4.7E-02	1.4E-02	2.2E-09
840	0.00	3.0E-09	1.6E+01	4.9E-04	6.1E-04	4.6E-06	4.7E-02	1.4E-02	3.0E-09
841	0.00	4.2E-09	2.2E+01	4.9E-04	6.1E-04	6.5E-06	4.7E-02	1.4E-02	4.2E-09
842	0.00	2.3E-09	1.2E+01	4.9E-04	6.1E-04	3.5E-06	4.7E-02	1.4E-02	2.3E-09
843	0.00	3.0E-09	1.6E+01	4.9E-04	6.1E-04	4.7E-06	4.7E-02	1.4E-02	3.0E-09
844	0.00	4.3E-09	2.3E+01	4.9E-04	6.1E-04	6.7E-06	4.7E-02	1.4E-02	4.3E-09
845	0.00	2.2E-09	1.2E+01	4.9E-04	6.1E-04	3.5E-06	4.7E-02	1.4E-02	2.2E-09

846	0.00	3.0E-09	1.6E+01	4.9E-04	6.1E-04	4.7E-06	4.7E-02	1.4E-02	3.0E-09
847	0.00	4.4E-09	2.3E+01	4.9E-04	6.1E-04	6.8E-06	4.7E-02	1.4E-02	4.4E-09
848	0.00	2.2E-09	1.1E+01	4.9E-04	6.1E-04	3.4E-06	4.7E-02	1.4E-02	2.2E-09
849	0.00	3.0E-09	1.6E+01	4.9E-04	6.1E-04	4.6E-06	4.7E-02	1.4E-02	3.0E-09
850	0.00	4.3E-09	2.3E+01	4.9E-04	6.1E-04	6.7E-06	4.7E-02	1.4E-02	4.3E-09
851	0.00	2.4E-09	1.2E+01	4.9E-04	6.1E-04	3.6E-06	4.7E-02	1.4E-02	2.4E-09
852	0.00	3.3E-09	1.7E+01	4.9E-04	6.1E-04	5.1E-06	4.7E-02	1.4E-02	3.3E-09
853	0.00	4.8E-09	2.5E+01	4.9E-04	6.1E-04	7.5E-06	4.7E-02	1.4E-02	4.8E-09
854	0.01	7.3E-09	3.8E+01	4.9E-04	6.1E-04	1.1E-05	4.7E-02	1.4E-02	7.3E-09
855	0.01	7.6E-09	3.9E+01	4.9E-04	6.1E-04	1.2E-05	4.7E-02	1.4E-02	7.6E-09
856	0.00	2.2E-09	1.2E+01	4.9E-04	6.1E-04	3.5E-06	4.7E-02	1.4E-02	2.2E-09
857	0.00	3.1E-09	1.6E+01	4.9E-04	6.1E-04	4.8E-06	4.7E-02	1.4E-02	3.1E-09
858	0.00	4.5E-09	2.4E+01	4.9E-04	6.1E-04	7.0E-06	4.7E-02	1.4E-02	4.5E-09
859	0.01	7.1E-09	3.7E+01	4.9E-04	6.1E-04	1.1E-05	4.7E-02	1.4E-02	7.1E-09
860	0.01	6.6E-09	3.5E+01	4.9E-04	6.1E-04	1.0E-05	4.7E-02	1.4E-02	6.6E-09
861	0.00	2.1E-09	1.1E+01	4.9E-04	6.1E-04	3.3E-06	4.7E-02	1.4E-02	2.1E-09
862	0.00	2.9E-09	1.5E+01	4.9E-04	6.1E-04	4.4E-06	4.7E-02	1.4E-02	2.9E-09
863	0.00	4.1E-09	2.1E+01	4.9E-04	6.1E-04	6.3E-06	4.7E-02	1.4E-02	4.1E-09
864	0.01	6.2E-09	3.2E+01	4.9E-04	6.1E-04	9.6E-06	4.7E-02	1.4E-02	6.2E-09
865	0.01	6.2E-09	3.3E+01	4.9E-04	6.1E-04	9.7E-06	4.7E-02	1.4E-02	6.2E-09
866	0.00	2.5E-09	1.3E+01	4.9E-04	6.1E-04	3.8E-06	4.7E-02	1.4E-02	2.5E-09
867	0.00	2.9E-09	1.5E+01	4.9E-04	6.1E-04	4.5E-06	4.7E-02	1.4E-02	2.9E-09
868	0.00	4.1E-09	2.1E+01	4.9E-04	6.1E-04	6.3E-06	4.7E-02	1.4E-02	4.1E-09
869	0.01	6.1E-09	3.2E+01	4.9E-04	6.1E-04	9.4E-06	4.7E-02	1.4E-02	6.1E-09
870	0.00	3.4E-09	1.8E+01	4.9E-04	6.1E-04	5.3E-06	4.7E-02	1.4E-02	3.4E-09
871	0.00	5.0E-09	2.6E+01	4.9E-04	6.1E-04	7.7E-06	4.7E-02	1.4E-02	5.0E-09
872	0.01	6.7E-09	3.5E+01	4.9E-04	6.1E-04	1.0E-05	4.7E-02	1.4E-02	6.7E-09

Risk From New Building Const - Mitigated School

Franklin School Project

Risk From New Building Const - Mitigated School

0.96	Max

Onsite

Receptor #	Total/ Million	Total	Conc	g/sec	D1	Dose	R1	ED	Risk
807	0.12	1.2E-07	8.6E+00	8.6E-04	6.1E-04	4.5E-06	4.7E-02	5.5E-01	1.2E-07
808	0.14	1.4E-07	9.9E+00	8.6E-04	6.1E-04	5.2E-06	4.7E-02	5.5E-01	1.3E-07
809	0.14	1.4E-07	1.1E+01	8.6E-04	6.1E-04	5.5E-06	4.7E-02	5.5E-01	1.4E-07
810	0.17	1.7E-07	1.2E+01	8.6E-04	6.1E-04	6.5E-06	4.7E-02	5.5E-01	1.7E-07
811	0.18	1.8E-07	1.3E+01	8.6E-04	6.1E-04	6.9E-06	4.7E-02	5.5E-01	1.8E-07
812	0.22	2.2E-07	1.6E+01	8.6E-04	6.1E-04	8.4E-06	4.7E-02	5.5E-01	2.2E-07
813	0.23	2.3E-07	1.7E+01	8.6E-04	6.1E-04	8.7E-06	4.7E-02	5.5E-01	2.3E-07
814	0.29	2.9E-07	2.1E+01	8.6E-04	6.1E-04	1.1E-05	4.7E-02	5.5E-01	2.9E-07
815	0.29	2.9E-07	2.1E+01	8.6E-04	6.1E-04	1.1E-05	4.7E-02	5.5E-01	2.9E-07
816	0.40	4.0E-07	2.9E+01	8.6E-04	6.1E-04	1.5E-05	4.7E-02	5.5E-01	4.0E-07
817	0.37	3.7E-07	2.8E+01	8.6E-04	6.1E-04	1.4E-05	4.7E-02	5.5E-01	3.7E-07
818	0.55	5.5E-07	4.1E+01	8.6E-04	6.1E-04	2.1E-05	4.7E-02	5.5E-01	5.5E-07
819	0.46	4.6E-07	3.4E+01	8.6E-04	6.1E-04	1.8E-05	4.7E-02	5.5E-01	4.6E-07
820	0.78	7.8E-07	5.7E+01	8.6E-04	6.1E-04	3.0E-05	4.7E-02	5.5E-01	7.8E-07
821	0.05	5.5E-08	3.9E+00	8.6E-04	6.1E-04	2.0E-06	4.7E-02	5.5E-01	5.2E-08
822	0.06	6.0E-08	4.3E+00	8.6E-04	6.1E-04	2.2E-06	4.7E-02	5.5E-01	5.8E-08
823	0.07	6.6E-08	4.7E+00	8.6E-04	6.1E-04	2.5E-06	4.7E-02	5.5E-01	6.4E-08
824	0.06	6.1E-08	4.4E+00	8.6E-04	6.1E-04	2.3E-06	4.7E-02	5.5E-01	5.9E-08
825	0.07	6.8E-08	4.9E+00	8.6E-04	6.1E-04	2.6E-06	4.7E-02	5.5E-01	6.6E-08
826	0.08	7.6E-08	5.5E+00	8.6E-04	6.1E-04	2.9E-06	4.7E-02	5.5E-01	7.4E-08
827	0.07	6.8E-08	5.0E+00	8.6E-04	6.1E-04	2.6E-06	4.7E-02	5.5E-01	6.7E-08
828	0.08	7.8E-08	5.7E+00	8.6E-04	6.1E-04	3.0E-06	4.7E-02	5.5E-01	7.6E-08
829	0.09	8.8E-08	6.4E+00	8.6E-04	6.1E-04	3.4E-06	4.7E-02	5.5E-01	8.7E-08
830	0.08	7.7E-08	5.6E+00	8.6E-04	6.1E-04	3.0E-06	4.7E-02	5.5E-01	7.6E-08
831	0.09	8.9E-08	6.5E+00	8.6E-04	6.1E-04	3.4E-06	4.7E-02	5.5E-01	8.8E-08
832	0.10	1.0E-07	7.6E+00	8.6E-04	6.1E-04	4.0E-06	4.7E-02	5.5E-01	1.0E-07
833	0.09	8.8E-08	6.4E+00	8.6E-04	6.1E-04	3.4E-06	4.7E-02	5.5E-01	8.7E-08
834	0.10	1.0E-07	7.6E+00	8.6E-04	6.1E-04	4.0E-06	4.7E-02	5.5E-01	1.0E-07
835	0.12	1.2E-07	9.1E+00	8.6E-04	6.1E-04	4.8E-06	4.7E-02	5.5E-01	1.2E-07
836	0.10	9.7E-08	7.1E+00	8.6E-04	6.1E-04	3.7E-06	4.7E-02	5.5E-01	9.6E-08
837	0.12	1.2E-07	8.5E+00	8.6E-04	6.1E-04	4.5E-06	4.7E-02	5.5E-01	1.1E-07
838	0.14	1.4E-07	1.1E+01	8.6E-04	6.1E-04	5.5E-06	4.7E-02	5.5E-01	1.4E-07
839	0.11	1.1E-07	8.1E+00	8.6E-04	6.1E-04	4.2E-06	4.7E-02	5.5E-01	1.1E-07
840	0.14	1.4E-07	9.9E+00	8.6E-04	6.1E-04	5.2E-06	4.7E-02	5.5E-01	1.3E-07
841	0.17	1.7E-07	1.3E+01	8.6E-04	6.1E-04	6.6E-06	4.7E-02	5.5E-01	1.7E-07
842	0.12	1.2E-07	9.1E+00	8.6E-04	6.1E-04	4.7E-06	4.7E-02	5.5E-01	1.2E-07
843	0.16	1.6E-07	1.2E+01	8.6E-04	6.1E-04	6.1E-06	4.7E-02	5.5E-01	1.6E-07
844	0.21	2.1E-07	1.5E+01	8.6E-04	6.1E-04	8.0E-06	4.7E-02	5.5E-01	2.1E-07
845	0.13	1.3E-07	9.9E+00	8.6E-04	6.1E-04	5.2E-06	4.7E-02	5.5E-01	1.3E-07

846	0.18	1.8E-07	1.3E+01	8.6E-04	6.1E-04	6.9E-06	4.7E-02	5.5E-01	1.8E-07
847	0.25	2.5E-07	1.8E+01	8.6E-04	6.1E-04	9.6E-06	4.7E-02	5.5E-01	2.5E-07
848	0.14	1.4E-07	1.1E+01	8.6E-04	6.1E-04	5.6E-06	4.7E-02	5.5E-01	1.4E-07
849	0.20	2.0E-07	1.4E+01	8.6E-04	6.1E-04	7.6E-06	4.7E-02	5.5E-01	2.0E-07
850	0.29	2.9E-07	2.1E+01	8.6E-04	6.1E-04	1.1E-05	4.7E-02	5.5E-01	2.9E-07
851	0.16	1.6E-07	1.2E+01	8.6E-04	6.1E-04	6.2E-06	4.7E-02	5.5E-01	1.6E-07
852	0.23	2.3E-07	1.7E+01	8.6E-04	6.1E-04	8.7E-06	4.7E-02	5.5E-01	2.2E-07
853	0.34	3.4E-07	2.5E+01	8.6E-04	6.1E-04	1.3E-05	4.7E-02	5.5E-01	3.4E-07
854	0.54	5.4E-07	4.0E+01	8.6E-04	6.1E-04	2.1E-05	4.7E-02	5.5E-01	5.4E-07
855	0.76	7.6E-07	5.6E+01	8.6E-04	6.1E-04	2.9E-05	4.7E-02	5.5E-01	7.6E-07
856	0.16	1.6E-07	1.2E+01	8.6E-04	6.1E-04	6.3E-06	4.7E-02	5.5E-01	1.6E-07
857	0.23	2.3E-07	1.7E+01	8.6E-04	6.1E-04	9.0E-06	4.7E-02	5.5E-01	2.3E-07
858	0.36	3.6E-07	2.7E+01	8.6E-04	6.1E-04	1.4E-05	4.7E-02	5.5E-01	3.6E-07
859	0.60	6.0E-07	4.4E+01	8.6E-04	6.1E-04	2.3E-05	4.7E-02	5.5E-01	6.0E-07
860	0.86	8.6E-07	6.4E+01	8.6E-04	6.1E-04	3.3E-05	4.7E-02	5.5E-01	8.6E-07
861	0.16	1.6E-07	1.2E+01	8.6E-04	6.1E-04	6.4E-06	4.7E-02	5.5E-01	1.6E-07
862	0.23	2.3E-07	1.7E+01	8.6E-04	6.1E-04	9.0E-06	4.7E-02	5.5E-01	2.3E-07
863	0.35	3.5E-07	2.6E+01	8.6E-04	6.1E-04	1.4E-05	4.7E-02	5.5E-01	3.5E-07
864	0.56	5.6E-07	4.2E+01	8.6E-04	6.1E-04	2.2E-05	4.7E-02	5.5E-01	5.6E-07
865	0.96	9.6E-07	7.1E+01	8.6E-04	6.1E-04	3.7E-05	4.7E-02	5.5E-01	9.6E-07
866	0.07	6.6E-08	4.7E+00	8.6E-04	6.1E-04	2.5E-06	4.7E-02	5.5E-01	6.4E-08
867	0.08	7.5E-08	5.4E+00	8.6E-04	6.1E-04	2.8E-06	4.7E-02	5.5E-01	7.3E-08
868	0.08	8.4E-08	6.1E+00	8.6E-04	6.1E-04	3.2E-06	4.7E-02	5.5E-01	8.2E-08
869	0.09	9.3E-08	6.7E+00	8.6E-04	6.1E-04	3.5E-06	4.7E-02	5.5E-01	9.1E-08
870	0.09	8.8E-08	6.4E+00	8.6E-04	6.1E-04	3.3E-06	4.7E-02	5.5E-01	8.6E-08
871	0.10	9.9E-08	7.2E+00	8.6E-04	6.1E-04	3.8E-06	4.7E-02	5.5E-01	9.7E-08
872	0.11	1.1E-07	8.2E+00	8.6E-04	6.1E-04	4.3E-06	4.7E-02	5.5E-01	1.1E-07

Franklin School Project

Risk From New Building Const - Mitigated School

Haul Route 1A							Haul Route 2A						
Conc	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
2.0E+01	8.0E-07	6.1E-04	9.5E-09	4.7E-02	5.5E-01	2.4E-10	9.9E+00	2.5E-06	6.1E-04	1.5E-08	4.7E-02	5.5E-01	3.9E-10
1.7E+01	8.0E-07	6.1E-04	8.1E-09	4.7E-02	5.5E-01	2.1E-10	9.6E+00	2.5E-06	6.1E-04	1.5E-08	4.7E-02	5.5E-01	3.8E-10
1.6E+01	8.0E-07	6.1E-04	7.8E-09	4.7E-02	5.5E-01	2.0E-10	8.4E+00	2.5E-06	6.1E-04	1.3E-08	4.7E-02	5.5E-01	3.3E-10
1.4E+01	8.0E-07	6.1E-04	6.8E-09	4.7E-02	5.5E-01	1.8E-10	8.2E+00	2.5E-06	6.1E-04	1.2E-08	4.7E-02	5.5E-01	3.2E-10
1.3E+01	8.0E-07	6.1E-04	6.4E-09	4.7E-02	5.5E-01	1.7E-10	7.2E+00	2.5E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-01	2.8E-10
1.2E+01	8.0E-07	6.1E-04	5.8E-09	4.7E-02	5.5E-01	1.5E-10	7.1E+00	2.5E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-01	2.8E-10
1.1E+01	8.0E-07	6.1E-04	5.4E-09	4.7E-02	5.5E-01	1.4E-10	6.2E+00	2.5E-06	6.1E-04	9.5E-09	4.7E-02	5.5E-01	2.4E-10
1.0E+01	8.0E-07	6.1E-04	4.9E-09	4.7E-02	5.5E-01	1.3E-10	6.2E+00	2.5E-06	6.1E-04	9.4E-09	4.7E-02	5.5E-01	2.4E-10
9.5E+00	8.0E-07	6.1E-04	4.6E-09	4.7E-02	5.5E-01	1.2E-10	5.4E+00	2.5E-06	6.1E-04	8.3E-09	4.7E-02	5.5E-01	2.1E-10
8.8E+00	8.0E-07	6.1E-04	4.3E-09	4.7E-02	5.5E-01	1.1E-10	5.4E+00	2.5E-06	6.1E-04	8.2E-09	4.7E-02	5.5E-01	2.1E-10
8.2E+00	8.0E-07	6.1E-04	3.9E-09	4.7E-02	5.5E-01	1.0E-10	4.8E+00	2.5E-06	6.1E-04	7.3E-09	4.7E-02	5.5E-01	1.9E-10
7.7E+00	8.0E-07	6.1E-04	3.7E-09	4.7E-02	5.5E-01	9.6E-11	4.8E+00	2.5E-06	6.1E-04	7.3E-09	4.7E-02	5.5E-01	1.9E-10
7.1E+00	8.0E-07	6.1E-04	3.4E-09	4.7E-02	5.5E-01	8.8E-11	4.3E+00	2.5E-06	6.1E-04	6.5E-09	4.7E-02	5.5E-01	1.7E-10
6.7E+00	8.0E-07	6.1E-04	3.2E-09	4.7E-02	5.5E-01	8.3E-11	4.3E+00	2.5E-06	6.1E-04	6.5E-09	4.7E-02	5.5E-01	1.7E-10
3.2E+01	8.0E-07	6.1E-04	1.5E-08	4.7E-02	5.5E-01	4.0E-10	1.8E+01	2.5E-06	6.1E-04	2.7E-08	4.7E-02	5.5E-01	7.1E-10
6.9E+01	8.0E-07	6.1E-04	3.3E-08	4.7E-02	5.5E-01	8.6E-10	1.8E+01	2.5E-06	6.1E-04	2.8E-08	4.7E-02	5.5E-01	7.2E-10
4.7E+01	8.0E-07	6.1E-04	2.3E-08	4.7E-02	5.5E-01	5.8E-10	1.8E+01	2.5E-06	6.1E-04	2.8E-08	4.7E-02	5.5E-01	7.2E-10
2.2E+01	8.0E-07	6.1E-04	1.0E-08	4.7E-02	5.5E-01	2.7E-10	1.4E+01	2.5E-06	6.1E-04	2.1E-08	4.7E-02	5.5E-01	5.5E-10
5.0E+01	8.0E-07	6.1E-04	2.4E-08	4.7E-02	5.5E-01	6.3E-10	1.4E+01	2.5E-06	6.1E-04	2.2E-08	4.7E-02	5.5E-01	5.7E-10
3.7E+01	8.0E-07	6.1E-04	1.8E-08	4.7E-02	5.5E-01	4.6E-10	1.4E+01	2.5E-06	6.1E-04	2.2E-08	4.7E-02	5.5E-01	5.7E-10
4.4E+01	8.0E-07	6.1E-04	2.1E-08	4.7E-02	5.5E-01	5.5E-10	1.1E+01	2.5E-06	6.1E-04	1.7E-08	4.7E-02	5.5E-01	4.5E-10
3.6E+01	8.0E-07	6.1E-04	1.7E-08	4.7E-02	5.5E-01	4.4E-10	1.2E+01	2.5E-06	6.1E-04	1.8E-08	4.7E-02	5.5E-01	4.6E-10
2.9E+01	8.0E-07	6.1E-04	1.4E-08	4.7E-02	5.5E-01	3.6E-10	1.2E+01	2.5E-06	6.1E-04	1.8E-08	4.7E-02	5.5E-01	4.6E-10
3.0E+01	8.0E-07	6.1E-04	1.4E-08	4.7E-02	5.5E-01	3.7E-10	9.4E+00	2.5E-06	6.1E-04	1.4E-08	4.7E-02	5.5E-01	3.7E-10
2.6E+01	8.0E-07	6.1E-04	1.3E-08	4.7E-02	5.5E-01	3.2E-10	9.7E+00	2.5E-06	6.1E-04	1.5E-08	4.7E-02	5.5E-01	3.8E-10
2.2E+01	8.0E-07	6.1E-04	1.1E-08	4.7E-02	5.5E-01	2.8E-10	9.7E+00	2.5E-06	6.1E-04	1.5E-08	4.7E-02	5.5E-01	3.8E-10
2.2E+01	8.0E-07	6.1E-04	1.0E-08	4.7E-02	5.5E-01	2.7E-10	7.9E+00	2.5E-06	6.1E-04	1.2E-08	4.7E-02	5.5E-01	3.1E-10
2.0E+01	8.0E-07	6.1E-04	9.5E-09	4.7E-02	5.5E-01	2.5E-10	8.1E+00	2.5E-06	6.1E-04	1.2E-08	4.7E-02	5.5E-01	3.2E-10
1.8E+01	8.0E-07	6.1E-04	8.5E-09	4.7E-02	5.5E-01	2.2E-10	8.2E+00	2.5E-06	6.1E-04	1.2E-08	4.7E-02	5.5E-01	3.2E-10
1.7E+01	8.0E-07	6.1E-04	8.3E-09	4.7E-02	5.5E-01	2.2E-10	7.0E+00	2.5E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-01	2.7E-10
1.6E+01	8.0E-07	6.1E-04	7.8E-09	4.7E-02	5.5E-01	2.0E-10	7.1E+00	2.5E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-01	2.8E-10
1.5E+01	8.0E-07	6.1E-04	7.2E-09	4.7E-02	5.5E-01	1.9E-10	7.2E+00	2.5E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-01	2.8E-10
1.4E+01	8.0E-07	6.1E-04	6.6E-09	4.7E-02	5.5E-01	1.7E-10	6.0E+00	2.5E-06	6.1E-04	9.1E-09	4.7E-02	5.5E-01	2.4E-10
1.3E+01	8.0E-07	6.1E-04	6.3E-09	4.7E-02	5.5E-01	1.6E-10	6.1E+00	2.5E-06	6.1E-04	9.3E-09	4.7E-02	5.5E-01	2.4E-10
1.2E+01	8.0E-07	6.1E-04	5.9E-09	4.7E-02	5.5E-01	1.5E-10	6.2E+00	2.5E-06	6.1E-04	9.5E-09	4.7E-02	5.5E-01	2.4E-10
1.1E+01	8.0E-07	6.1E-04	5.3E-09	4.7E-02	5.5E-01	1.4E-10	5.2E+00	2.5E-06	6.1E-04	7.9E-09	4.7E-02	5.5E-01	2.1E-10
1.1E+01	8.0E-07	6.1E-04	5.2E-09	4.7E-02	5.5E-01	1.3E-10	5.4E+00	2.5E-06	6.1E-04	8.1E-09	4.7E-02	5.5E-01	2.1E-10
1.0E+01	8.0E-07	6.1E-04	4.9E-09	4.7E-02	5.5E-01	1.3E-10	5.4E+00	2.5E-06	6.1E-04	8.3E-09	4.7E-02	5.5E-01	2.1E-10
9.1E+00	8.0E-07	6.1E-04	4.4E-09	4.7E-02	5.5E-01	1.1E-10	4.6E+00	2.5E-06	6.1E-04	7.0E-09	4.7E-02	5.5E-01	1.8E-10

8.9E+00	8.0E-07	6.1E-04	4.3E-09	4.7E-02	5.5E-01	1.1E-10	4.7E+00	2.5E-06	6.1E-04	7.2E-09	4.7E-02	5.5E-01	1.8E-10
8.6E+00	8.0E-07	6.1E-04	4.1E-09	4.7E-02	5.5E-01	1.1E-10	4.8E+00	2.5E-06	6.1E-04	7.3E-09	4.7E-02	5.5E-01	1.9E-10
7.7E+00	8.0E-07	6.1E-04	3.7E-09	4.7E-02	5.5E-01	9.6E-11	4.1E+00	2.5E-06	6.1E-04	6.2E-09	4.7E-02	5.5E-01	1.6E-10
7.6E+00	8.0E-07	6.1E-04	3.7E-09	4.7E-02	5.5E-01	9.4E-11	4.2E+00	2.5E-06	6.1E-04	6.3E-09	4.7E-02	5.5E-01	1.6E-10
7.4E+00	8.0E-07	6.1E-04	3.5E-09	4.7E-02	5.5E-01	9.2E-11	4.2E+00	2.5E-06	6.1E-04	6.4E-09	4.7E-02	5.5E-01	1.7E-10
7.2E+00	8.0E-07	6.1E-04	3.5E-09	4.7E-02	5.5E-01	8.9E-11	3.9E+00	2.5E-06	6.1E-04	6.0E-09	4.7E-02	5.5E-01	1.5E-10
7.1E+00	8.0E-07	6.1E-04	3.4E-09	4.7E-02	5.5E-01	8.8E-11	4.0E+00	2.5E-06	6.1E-04	6.1E-09	4.7E-02	5.5E-01	1.6E-10
6.9E+00	8.0E-07	6.1E-04	3.3E-09	4.7E-02	5.5E-01	8.6E-11	4.1E+00	2.5E-06	6.1E-04	6.2E-09	4.7E-02	5.5E-01	1.6E-10
6.6E+00	8.0E-07	6.1E-04	3.2E-09	4.7E-02	5.5E-01	8.2E-11	4.1E+00	2.5E-06	6.1E-04	6.2E-09	4.7E-02	5.5E-01	1.6E-10
6.3E+00	8.0E-07	6.1E-04	3.0E-09	4.7E-02	5.5E-01	7.8E-11	4.1E+00	2.5E-06	6.1E-04	6.2E-09	4.7E-02	5.5E-01	1.6E-10
6.2E+00	8.0E-07	6.1E-04	3.0E-09	4.7E-02	5.5E-01	7.7E-11	3.5E+00	2.5E-06	6.1E-04	5.3E-09	4.7E-02	5.5E-01	1.4E-10
6.1E+00	8.0E-07	6.1E-04	2.9E-09	4.7E-02	5.5E-01	7.6E-11	3.6E+00	2.5E-06	6.1E-04	5.4E-09	4.7E-02	5.5E-01	1.4E-10
6.0E+00	8.0E-07	6.1E-04	2.9E-09	4.7E-02	5.5E-01	7.5E-11	3.6E+00	2.5E-06	6.1E-04	5.5E-09	4.7E-02	5.5E-01	1.4E-10
5.8E+00	8.0E-07	6.1E-04	2.8E-09	4.7E-02	5.5E-01	7.2E-11	3.7E+00	2.5E-06	6.1E-04	5.6E-09	4.7E-02	5.5E-01	1.4E-10
5.6E+00	8.0E-07	6.1E-04	2.7E-09	4.7E-02	5.5E-01	6.9E-11	3.7E+00	2.5E-06	6.1E-04	5.6E-09	4.7E-02	5.5E-01	1.4E-10
5.4E+00	8.0E-07	6.1E-04	2.6E-09	4.7E-02	5.5E-01	6.7E-11	3.2E+00	2.5E-06	6.1E-04	4.8E-09	4.7E-02	5.5E-01	1.2E-10
5.3E+00	8.0E-07	6.1E-04	2.6E-09	4.7E-02	5.5E-01	6.7E-11	3.2E+00	2.5E-06	6.1E-04	4.9E-09	4.7E-02	5.5E-01	1.3E-10
5.3E+00	8.0E-07	6.1E-04	2.5E-09	4.7E-02	5.5E-01	6.5E-11	3.3E+00	2.5E-06	6.1E-04	5.0E-09	4.7E-02	5.5E-01	1.3E-10
5.1E+00	8.0E-07	6.1E-04	2.5E-09	4.7E-02	5.5E-01	6.4E-11	3.3E+00	2.5E-06	6.1E-04	5.0E-09	4.7E-02	5.5E-01	1.3E-10
5.0E+00	8.0E-07	6.1E-04	2.4E-09	4.7E-02	5.5E-01	6.2E-11	3.3E+00	2.5E-06	6.1E-04	5.0E-09	4.7E-02	5.5E-01	1.3E-10
4.6E+01	8.0E-07	6.1E-04	2.2E-08	4.7E-02	5.5E-01	5.7E-10	1.9E+01	2.5E-06	6.1E-04	2.9E-08	4.7E-02	5.5E-01	7.5E-10
3.7E+01	8.0E-07	6.1E-04	1.8E-08	4.7E-02	5.5E-01	4.6E-10	1.5E+01	2.5E-06	6.1E-04	2.3E-08	4.7E-02	5.5E-01	5.9E-10
2.9E+01	8.0E-07	6.1E-04	1.4E-08	4.7E-02	5.5E-01	3.6E-10	1.5E+01	2.5E-06	6.1E-04	2.2E-08	4.7E-02	5.5E-01	5.7E-10
2.3E+01	8.0E-07	6.1E-04	1.1E-08	4.7E-02	5.5E-01	2.9E-10	1.4E+01	2.5E-06	6.1E-04	2.1E-08	4.7E-02	5.5E-01	5.4E-10
2.9E+01	8.0E-07	6.1E-04	1.4E-08	4.7E-02	5.5E-01	3.6E-10	1.2E+01	2.5E-06	6.1E-04	1.9E-08	4.7E-02	5.5E-01	4.8E-10
2.4E+01	8.0E-07	6.1E-04	1.1E-08	4.7E-02	5.5E-01	2.9E-10	1.2E+01	2.5E-06	6.1E-04	1.8E-08	4.7E-02	5.5E-01	4.7E-10
2.0E+01	8.0E-07	6.1E-04	9.4E-09	4.7E-02	5.5E-01	2.4E-10	1.1E+01	2.5E-06	6.1E-04	1.7E-08	4.7E-02	5.5E-01	4.5E-10

Franklin School Project

Risk From New Building Const - Mitigated School

Haul Route 1A							Haul Route 2A						
Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
9.9E+00	5.2E-06	6.1E-04	3.1E-08	4.7E-02	5.5E-01	8.0E-10	8.5E-01	5.5E-07	6.1E-04	2.8E-10	4.7E-02	5.5E-01	7.4E-12
9.6E+00	5.2E-06	6.1E-04	3.0E-08	4.7E-02	5.5E-01	7.8E-10	8.3E-01	5.5E-07	6.1E-04	2.8E-10	4.7E-02	5.5E-01	7.2E-12
8.4E+00	5.2E-06	6.1E-04	2.6E-08	4.7E-02	5.5E-01	6.8E-10	8.2E-01	5.5E-07	6.1E-04	2.7E-10	4.7E-02	5.5E-01	7.1E-12
8.2E+00	5.2E-06	6.1E-04	2.6E-08	4.7E-02	5.5E-01	6.6E-10	8.0E-01	5.5E-07	6.1E-04	2.7E-10	4.7E-02	5.5E-01	6.9E-12
7.2E+00	5.2E-06	6.1E-04	2.2E-08	4.7E-02	5.5E-01	5.8E-10	7.8E-01	5.5E-07	6.1E-04	2.6E-10	4.7E-02	5.5E-01	6.8E-12
7.1E+00	5.2E-06	6.1E-04	2.2E-08	4.7E-02	5.5E-01	5.7E-10	7.7E-01	5.5E-07	6.1E-04	2.6E-10	4.7E-02	5.5E-01	6.6E-12
6.2E+00	5.2E-06	6.1E-04	1.9E-08	4.7E-02	5.5E-01	5.0E-10	7.5E-01	5.5E-07	6.1E-04	2.5E-10	4.7E-02	5.5E-01	6.5E-12
6.2E+00	5.2E-06	6.1E-04	1.9E-08	4.7E-02	5.5E-01	5.0E-10	7.4E-01	5.5E-07	6.1E-04	2.5E-10	4.7E-02	5.5E-01	6.4E-12
5.4E+00	5.2E-06	6.1E-04	1.7E-08	4.7E-02	5.5E-01	4.4E-10	7.2E-01	5.5E-07	6.1E-04	2.4E-10	4.7E-02	5.5E-01	6.3E-12
5.4E+00	5.2E-06	6.1E-04	1.7E-08	4.7E-02	5.5E-01	4.4E-10	7.1E-01	5.5E-07	6.1E-04	2.4E-10	4.7E-02	5.5E-01	6.2E-12
4.8E+00	5.2E-06	6.1E-04	1.5E-08	4.7E-02	5.5E-01	3.9E-10	7.0E-01	5.5E-07	6.1E-04	2.3E-10	4.7E-02	5.5E-01	6.0E-12
4.8E+00	5.2E-06	6.1E-04	1.5E-08	4.7E-02	5.5E-01	3.9E-10	6.8E-01	5.5E-07	6.1E-04	2.3E-10	4.7E-02	5.5E-01	5.9E-12
4.3E+00	5.2E-06	6.1E-04	1.3E-08	4.7E-02	5.5E-01	3.4E-10	6.7E-01	5.5E-07	6.1E-04	2.3E-10	4.7E-02	5.5E-01	5.8E-12
4.3E+00	5.2E-06	6.1E-04	1.3E-08	4.7E-02	5.5E-01	3.4E-10	6.6E-01	5.5E-07	6.1E-04	2.2E-10	4.7E-02	5.5E-01	5.7E-12
1.8E+01	5.2E-06	6.1E-04	5.6E-08	4.7E-02	5.5E-01	1.5E-09	1.0E+00	5.5E-07	6.1E-04	3.4E-10	4.7E-02	5.5E-01	8.9E-12
1.8E+01	5.2E-06	6.1E-04	5.7E-08	4.7E-02	5.5E-01	1.5E-09	1.0E+00	5.5E-07	6.1E-04	3.4E-10	4.7E-02	5.5E-01	8.7E-12
1.8E+01	5.2E-06	6.1E-04	5.7E-08	4.7E-02	5.5E-01	1.5E-09	9.8E-01	5.5E-07	6.1E-04	3.3E-10	4.7E-02	5.5E-01	8.5E-12
1.4E+01	5.2E-06	6.1E-04	4.4E-08	4.7E-02	5.5E-01	1.1E-09	9.8E-01	5.5E-07	6.1E-04	3.3E-10	4.7E-02	5.5E-01	8.5E-12
1.4E+01	5.2E-06	6.1E-04	4.5E-08	4.7E-02	5.5E-01	1.2E-09	9.6E-01	5.5E-07	6.1E-04	3.2E-10	4.7E-02	5.5E-01	8.3E-12
1.4E+01	5.2E-06	6.1E-04	4.5E-08	4.7E-02	5.5E-01	1.2E-09	9.4E-01	5.5E-07	6.1E-04	3.1E-10	4.7E-02	5.5E-01	8.1E-12
1.1E+01	5.2E-06	6.1E-04	3.6E-08	4.7E-02	5.5E-01	9.2E-10	9.4E-01	5.5E-07	6.1E-04	3.1E-10	4.7E-02	5.5E-01	8.1E-12
1.2E+01	5.2E-06	6.1E-04	3.7E-08	4.7E-02	5.5E-01	9.4E-10	9.2E-01	5.5E-07	6.1E-04	3.1E-10	4.7E-02	5.5E-01	8.0E-12
1.2E+01	5.2E-06	6.1E-04	3.7E-08	4.7E-02	5.5E-01	9.5E-10	9.0E-01	5.5E-07	6.1E-04	3.0E-10	4.7E-02	5.5E-01	7.8E-12
9.4E+00	5.2E-06	6.1E-04	2.9E-08	4.7E-02	5.5E-01	7.6E-10	9.0E-01	5.5E-07	6.1E-04	3.0E-10	4.7E-02	5.5E-01	7.8E-12
9.7E+00	5.2E-06	6.1E-04	3.0E-08	4.7E-02	5.5E-01	7.8E-10	8.8E-01	5.5E-07	6.1E-04	2.9E-10	4.7E-02	5.5E-01	7.6E-12
9.7E+00	5.2E-06	6.1E-04	3.0E-08	4.7E-02	5.5E-01	7.8E-10	8.6E-01	5.5E-07	6.1E-04	2.9E-10	4.7E-02	5.5E-01	7.5E-12
7.9E+00	5.2E-06	6.1E-04	2.5E-08	4.7E-02	5.5E-01	6.4E-10	8.6E-01	5.5E-07	6.1E-04	2.9E-10	4.7E-02	5.5E-01	7.4E-12
8.1E+00	5.2E-06	6.1E-04	2.5E-08	4.7E-02	5.5E-01	6.5E-10	8.4E-01	5.5E-07	6.1E-04	2.8E-10	4.7E-02	5.5E-01	7.3E-12
8.2E+00	5.2E-06	6.1E-04	2.6E-08	4.7E-02	5.5E-01	6.6E-10	8.3E-01	5.5E-07	6.1E-04	2.8E-10	4.7E-02	5.5E-01	7.2E-12
7.0E+00	5.2E-06	6.1E-04	2.2E-08	4.7E-02	5.5E-01	5.6E-10	8.3E-01	5.5E-07	6.1E-04	2.8E-10	4.7E-02	5.5E-01	7.2E-12
7.1E+00	5.2E-06	6.1E-04	2.2E-08	4.7E-02	5.5E-01	5.7E-10	8.1E-01	5.5E-07	6.1E-04	2.7E-10	4.7E-02	5.5E-01	7.1E-12
7.2E+00	5.2E-06	6.1E-04	2.3E-08	4.7E-02	5.5E-01	5.8E-10	8.0E-01	5.5E-07	6.1E-04	2.7E-10	4.7E-02	5.5E-01	6.9E-12
6.0E+00	5.2E-06	6.1E-04	1.9E-08	4.7E-02	5.5E-01	4.8E-10	7.9E-01	5.5E-07	6.1E-04	2.7E-10	4.7E-02	5.5E-01	6.9E-12
6.1E+00	5.2E-06	6.1E-04	1.9E-08	4.7E-02	5.5E-01	5.0E-10	7.8E-01	5.5E-07	6.1E-04	2.6E-10	4.7E-02	5.5E-01	6.8E-12
6.2E+00	5.2E-06	6.1E-04	1.9E-08	4.7E-02	5.5E-01	5.0E-10	7.7E-01	5.5E-07	6.1E-04	2.6E-10	4.7E-02	5.5E-01	6.7E-12
5.2E+00	5.2E-06	6.1E-04	1.6E-08	4.7E-02	5.5E-01	4.2E-10	7.6E-01	5.5E-07	6.1E-04	2.6E-10	4.7E-02	5.5E-01	6.6E-12
5.4E+00	5.2E-06	6.1E-04	1.7E-08	4.7E-02	5.5E-01	4.3E-10	7.5E-01	5.5E-07	6.1E-04	2.5E-10	4.7E-02	5.5E-01	6.5E-12
5.4E+00	5.2E-06	6.1E-04	1.7E-08	4.7E-02	5.5E-01	4.4E-10	7.4E-01	5.5E-07	6.1E-04	2.5E-10	4.7E-02	5.5E-01	6.4E-12
4.6E+00	5.2E-06	6.1E-04	1.4E-08	4.7E-02	5.5E-01	3.7E-10	7.3E-01	5.5E-07	6.1E-04	2.5E-10	4.7E-02	5.5E-01	6.3E-12

4.7E+00	5.2E-06	6.1E-04	1.5E-08	4.7E-02	5.5E-01	3.8E-10	7.2E-01	5.5E-07	6.1E-04	2.4E-10	4.7E-02	5.5E-01	6.3E-12
4.8E+00	5.2E-06	6.1E-04	1.5E-08	4.7E-02	5.5E-01	3.9E-10	7.1E-01	5.5E-07	6.1E-04	2.4E-10	4.7E-02	5.5E-01	6.2E-12
4.1E+00	5.2E-06	6.1E-04	1.3E-08	4.7E-02	5.5E-01	3.3E-10	7.0E-01	5.5E-07	6.1E-04	2.4E-10	4.7E-02	5.5E-01	6.1E-12
4.2E+00	5.2E-06	6.1E-04	1.3E-08	4.7E-02	5.5E-01	3.4E-10	6.9E-01	5.5E-07	6.1E-04	2.3E-10	4.7E-02	5.5E-01	6.0E-12
4.2E+00	5.2E-06	6.1E-04	1.3E-08	4.7E-02	5.5E-01	3.4E-10	6.8E-01	5.5E-07	6.1E-04	2.3E-10	4.7E-02	5.5E-01	5.9E-12
3.9E+00	5.2E-06	6.1E-04	1.2E-08	4.7E-02	5.5E-01	3.2E-10	6.9E-01	5.5E-07	6.1E-04	2.3E-10	4.7E-02	5.5E-01	6.0E-12
4.0E+00	5.2E-06	6.1E-04	1.2E-08	4.7E-02	5.5E-01	3.2E-10	6.8E-01	5.5E-07	6.1E-04	2.3E-10	4.7E-02	5.5E-01	5.9E-12
4.1E+00	5.2E-06	6.1E-04	1.3E-08	4.7E-02	5.5E-01	3.3E-10	6.7E-01	5.5E-07	6.1E-04	2.2E-10	4.7E-02	5.5E-01	5.8E-12
4.1E+00	5.2E-06	6.1E-04	1.3E-08	4.7E-02	5.5E-01	3.3E-10	6.6E-01	5.5E-07	6.1E-04	2.2E-10	4.7E-02	5.5E-01	5.7E-12
4.1E+00	5.2E-06	6.1E-04	1.3E-08	4.7E-02	5.5E-01	3.3E-10	6.5E-01	5.5E-07	6.1E-04	2.2E-10	4.7E-02	5.5E-01	5.6E-12
3.5E+00	5.2E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-01	2.8E-10	6.6E-01	5.5E-07	6.1E-04	2.2E-10	4.7E-02	5.5E-01	5.8E-12
3.6E+00	5.2E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-01	2.9E-10	6.5E-01	5.5E-07	6.1E-04	2.2E-10	4.7E-02	5.5E-01	5.7E-12
3.6E+00	5.2E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-01	2.9E-10	6.5E-01	5.5E-07	6.1E-04	2.2E-10	4.7E-02	5.5E-01	5.6E-12
3.7E+00	5.2E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-01	2.9E-10	6.4E-01	5.5E-07	6.1E-04	2.1E-10	4.7E-02	5.5E-01	5.5E-12
3.7E+00	5.2E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-01	2.9E-10	6.2E-01	5.5E-07	6.1E-04	2.1E-10	4.7E-02	5.5E-01	5.4E-12
3.2E+00	5.2E-06	6.1E-04	9.9E-09	4.7E-02	5.5E-01	2.5E-10	6.4E-01	5.5E-07	6.1E-04	2.1E-10	4.7E-02	5.5E-01	5.5E-12
3.2E+00	5.2E-06	6.1E-04	1.0E-08	4.7E-02	5.5E-01	2.6E-10	6.3E-01	5.5E-07	6.1E-04	2.1E-10	4.7E-02	5.5E-01	5.5E-12
3.3E+00	5.2E-06	6.1E-04	1.0E-08	4.7E-02	5.5E-01	2.6E-10	6.2E-01	5.5E-07	6.1E-04	2.1E-10	4.7E-02	5.5E-01	5.4E-12
3.3E+00	5.2E-06	6.1E-04	1.0E-08	4.7E-02	5.5E-01	2.7E-10	6.1E-01	5.5E-07	6.1E-04	2.1E-10	4.7E-02	5.5E-01	5.3E-12
3.3E+00	5.2E-06	6.1E-04	1.0E-08	4.7E-02	5.5E-01	2.7E-10	6.0E-01	5.5E-07	6.1E-04	2.0E-10	4.7E-02	5.5E-01	5.2E-12
1.9E+01	5.2E-06	6.1E-04	6.0E-08	4.7E-02	5.5E-01	1.5E-09	9.9E-01	5.5E-07	6.1E-04	3.3E-10	4.7E-02	5.5E-01	8.5E-12
1.5E+01	5.2E-06	6.1E-04	4.7E-08	4.7E-02	5.5E-01	1.2E-09	9.4E-01	5.5E-07	6.1E-04	3.2E-10	4.7E-02	5.5E-01	8.2E-12
1.5E+01	5.2E-06	6.1E-04	4.6E-08	4.7E-02	5.5E-01	1.2E-09	9.2E-01	5.5E-07	6.1E-04	3.1E-10	4.7E-02	5.5E-01	8.0E-12
1.4E+01	5.2E-06	6.1E-04	4.3E-08	4.7E-02	5.5E-01	1.1E-09	9.0E-01	5.5E-07	6.1E-04	3.0E-10	4.7E-02	5.5E-01	7.8E-12
1.2E+01	5.2E-06	6.1E-04	3.8E-08	4.7E-02	5.5E-01	9.8E-10	9.0E-01	5.5E-07	6.1E-04	3.0E-10	4.7E-02	5.5E-01	7.8E-12
1.2E+01	5.2E-06	6.1E-04	3.7E-08	4.7E-02	5.5E-01	9.6E-10	8.8E-01	5.5E-07	6.1E-04	3.0E-10	4.7E-02	5.5E-01	7.7E-12
1.1E+01	5.2E-06	6.1E-04	3.6E-08	4.7E-02	5.5E-01	9.2E-10	8.6E-01	5.5E-07	6.1E-04	2.9E-10	4.7E-02	5.5E-01	7.5E-12

Risk From New Building AC - Mitigated School

Franklin School Project

Risk From New Building AC - Mitigated School

	0.01	Max					Onsite		
816	0.00	3.4E-09	2.9E+01	1.5E-04	6.1E-04	2.7E-06	4.7E-02	2.7E-02	3.4E-09
Receptor #	**Total/ Million**	**Total**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
807	0.00	1.0E-09	8.6E+00	1.5E-04	6.1E-04	7.8E-07	4.7E-02	2.7E-02	1.0E-09
808	0.00	1.2E-09	9.9E+00	1.5E-04	6.1E-04	9.0E-07	4.7E-02	2.7E-02	1.2E-09
809	0.00	1.2E-09	1.1E+01	1.5E-04	6.1E-04	9.6E-07	4.7E-02	2.7E-02	1.2E-09
810	0.00	1.5E-09	1.2E+01	1.5E-04	6.1E-04	1.1E-06	4.7E-02	2.7E-02	1.5E-09
811	0.00	1.5E-09	1.3E+01	1.5E-04	6.1E-04	1.2E-06	4.7E-02	2.7E-02	1.5E-09
812	0.00	1.9E-09	1.6E+01	1.5E-04	6.1E-04	1.5E-06	4.7E-02	2.7E-02	1.9E-09
813	0.00	2.0E-09	1.7E+01	1.5E-04	6.1E-04	1.5E-06	4.7E-02	2.7E-02	2.0E-09
814	0.00	2.5E-09	2.1E+01	1.5E-04	6.1E-04	1.9E-06	4.7E-02	2.7E-02	2.5E-09
815	0.00	2.5E-09	2.1E+01	1.5E-04	6.1E-04	1.9E-06	4.7E-02	2.7E-02	2.5E-09
817	0.00	3.2E-09	2.8E+01	1.5E-04	6.1E-04	2.5E-06	4.7E-02	2.7E-02	3.2E-09
818	0.00	4.8E-09	4.1E+01	1.5E-04	6.1E-04	3.7E-06	4.7E-02	2.7E-02	4.8E-09
819	0.00	4.0E-09	3.4E+01	1.5E-04	6.1E-04	3.1E-06	4.7E-02	2.7E-02	4.0E-09
820	0.01	6.7E-09	5.7E+01	1.5E-04	6.1E-04	5.2E-06	4.7E-02	2.7E-02	6.7E-09
821	0.00	4.6E-10	3.9E+00	1.5E-04	6.1E-04	3.5E-07	4.7E-02	2.7E-02	4.6E-10
822	0.00	5.0E-10	4.3E+00	1.5E-04	6.1E-04	3.9E-07	4.7E-02	2.7E-02	5.0E-10
823	0.00	5.5E-10	4.7E+00	1.5E-04	6.1E-04	4.3E-07	4.7E-02	2.7E-02	5.5E-10
824	0.00	5.1E-10	4.4E+00	1.5E-04	6.1E-04	4.0E-07	4.7E-02	2.7E-02	5.1E-10
825	0.00	5.7E-10	4.9E+00	1.5E-04	6.1E-04	4.4E-07	4.7E-02	2.7E-02	5.7E-10
826	0.00	6.4E-10	5.5E+00	1.5E-04	6.1E-04	5.0E-07	4.7E-02	2.7E-02	6.4E-10
827	0.00	5.8E-10	5.0E+00	1.5E-04	6.1E-04	4.5E-07	4.7E-02	2.7E-02	5.8E-10
828	0.00	6.6E-10	5.7E+00	1.5E-04	6.1E-04	5.1E-07	4.7E-02	2.7E-02	6.6E-10
829	0.00	7.5E-10	6.4E+00	1.5E-04	6.1E-04	5.8E-07	4.7E-02	2.7E-02	7.5E-10
830	0.00	6.6E-10	5.6E+00	1.5E-04	6.1E-04	5.1E-07	4.7E-02	2.7E-02	6.6E-10
831	0.00	7.7E-10	6.5E+00	1.5E-04	6.1E-04	5.9E-07	4.7E-02	2.7E-02	7.7E-10
832	0.00	8.9E-10	7.6E+00	1.5E-04	6.1E-04	6.9E-07	4.7E-02	2.7E-02	8.9E-10
833	0.00	7.5E-10	6.4E+00	1.5E-04	6.1E-04	5.8E-07	4.7E-02	2.7E-02	7.5E-10
834	0.00	8.9E-10	7.6E+00	1.5E-04	6.1E-04	6.9E-07	4.7E-02	2.7E-02	8.9E-10
835	0.00	1.1E-09	9.1E+00	1.5E-04	6.1E-04	8.3E-07	4.7E-02	2.7E-02	1.1E-09
836	0.00	8.4E-10	7.1E+00	1.5E-04	6.1E-04	6.5E-07	4.7E-02	2.7E-02	8.4E-10
837	0.00	1.0E-09	8.5E+00	1.5E-04	6.1E-04	7.7E-07	4.7E-02	2.7E-02	1.0E-09
838	0.00	1.2E-09	1.1E+01	1.5E-04	6.1E-04	9.5E-07	4.7E-02	2.7E-02	1.2E-09
839	0.00	9.5E-10	8.1E+00	1.5E-04	6.1E-04	7.4E-07	4.7E-02	2.7E-02	9.5E-10
840	0.00	1.2E-09	9.9E+00	1.5E-04	6.1E-04	9.0E-07	4.7E-02	2.7E-02	1.2E-09
841	0.00	1.5E-09	1.3E+01	1.5E-04	6.1E-04	1.1E-06	4.7E-02	2.7E-02	1.5E-09
842	0.00	1.1E-09	9.1E+00	1.5E-04	6.1E-04	8.2E-07	4.7E-02	2.7E-02	1.1E-09
843	0.00	1.4E-09	1.2E+01	1.5E-04	6.1E-04	1.1E-06	4.7E-02	2.7E-02	1.4E-09
844	0.00	1.8E-09	1.5E+01	1.5E-04	6.1E-04	1.4E-06	4.7E-02	2.7E-02	1.8E-09
845	0.00	1.2E-09	9.9E+00	1.5E-04	6.1E-04	9.0E-07	4.7E-02	2.7E-02	1.2E-09

846	0.00	1.5E-09	1.3E+01	1.5E-04	6.1E-04	1.2E-06	4.7E-02	2.7E-02	1.5E-09
847	0.00	2.2E-09	1.8E+01	1.5E-04	6.1E-04	1.7E-06	4.7E-02	2.7E-02	2.2E-09
848	0.00	1.2E-09	1.1E+01	1.5E-04	6.1E-04	9.7E-07	4.7E-02	2.7E-02	1.2E-09
849	0.00	1.7E-09	1.4E+01	1.5E-04	6.1E-04	1.3E-06	4.7E-02	2.7E-02	1.7E-09
850	0.00	2.5E-09	2.1E+01	1.5E-04	6.1E-04	1.9E-06	4.7E-02	2.7E-02	2.5E-09
851	0.00	1.4E-09	1.2E+01	1.5E-04	6.1E-04	1.1E-06	4.7E-02	2.7E-02	1.4E-09
852	0.00	2.0E-09	1.7E+01	1.5E-04	6.1E-04	1.5E-06	4.7E-02	2.7E-02	2.0E-09
853	0.00	3.0E-09	2.5E+01	1.5E-04	6.1E-04	2.3E-06	4.7E-02	2.7E-02	3.0E-09
854	0.00	4.7E-09	4.0E+01	1.5E-04	6.1E-04	3.6E-06	4.7E-02	2.7E-02	4.7E-09
855	0.01	6.6E-09	5.6E+01	1.5E-04	6.1E-04	5.1E-06	4.7E-02	2.7E-02	6.6E-09
856	0.00	1.4E-09	1.2E+01	1.5E-04	6.1E-04	1.1E-06	4.7E-02	2.7E-02	1.4E-09
857	0.00	2.0E-09	1.7E+01	1.5E-04	6.1E-04	1.6E-06	4.7E-02	2.7E-02	2.0E-09
858	0.00	3.1E-09	2.7E+01	1.5E-04	6.1E-04	2.4E-06	4.7E-02	2.7E-02	3.1E-09
859	0.01	5.2E-09	4.4E+01	1.5E-04	6.1E-04	4.0E-06	4.7E-02	2.7E-02	5.2E-09
860	0.01	7.5E-09	6.4E+01	1.5E-04	6.1E-04	5.8E-06	4.7E-02	2.7E-02	7.5E-09
861	0.00	1.4E-09	1.2E+01	1.5E-04	6.1E-04	1.1E-06	4.7E-02	2.7E-02	1.4E-09
862	0.00	2.0E-09	1.7E+01	1.5E-04	6.1E-04	1.6E-06	4.7E-02	2.7E-02	2.0E-09
863	0.00	3.0E-09	2.6E+01	1.5E-04	6.1E-04	2.4E-06	4.7E-02	2.7E-02	3.0E-09
864	0.00	4.9E-09	4.2E+01	1.5E-04	6.1E-04	3.8E-06	4.7E-02	2.7E-02	4.9E-09
865	0.01	8.3E-09	7.1E+01	1.5E-04	6.1E-04	6.5E-06	4.7E-02	2.7E-02	8.3E-09
866	0.00	5.5E-10	4.7E+00	1.5E-04	6.1E-04	4.3E-07	4.7E-02	2.7E-02	5.5E-10
867	0.00	6.4E-10	5.4E+00	1.5E-04	6.1E-04	4.9E-07	4.7E-02	2.7E-02	6.4E-10
868	0.00	7.1E-10	6.1E+00	1.5E-04	6.1E-04	5.5E-07	4.7E-02	2.7E-02	7.1E-10
869	0.00	7.9E-10	6.7E+00	1.5E-04	6.1E-04	6.1E-07	4.7E-02	2.7E-02	7.9E-10
870	0.00	7.5E-10	6.4E+00	1.5E-04	6.1E-04	5.8E-07	4.7E-02	2.7E-02	7.5E-10
871	0.00	8.5E-10	7.2E+00	1.5E-04	6.1E-04	6.6E-07	4.7E-02	2.7E-02	8.5E-10
872	0.00	9.6E-10	8.2E+00	1.5E-04	6.1E-04	7.5E-07	4.7E-02	2.7E-02	9.6E-10

Risk From New Building Pav - Mitigated School

Franklin School Project

Risk From New Building Pav - Mitigated School

0.03	Max

Onsite

Receptor #	Total/ Million	Total	Conc	g/sec	D1	Dose	R1	ED	Risk
807	0.02	2.3E-08	4.1E+01	7.2E-04	6.1E-04	1.8E-05	4.7E-02	2.7E-02	2.3E-08
808	0.03	2.6E-08	4.7E+01	7.2E-04	6.1E-04	2.0E-05	4.7E-02	2.7E-02	2.6E-08
809	0.02	1.9E-08	3.4E+01	7.2E-04	6.1E-04	1.5E-05	4.7E-02	2.7E-02	1.9E-08
810	0.03	2.6E-08	4.6E+01	7.2E-04	6.1E-04	2.0E-05	4.7E-02	2.7E-02	2.6E-08
811	0.02	2.4E-08	4.2E+01	7.2E-04	6.1E-04	1.8E-05	4.7E-02	2.7E-02	2.4E-08
812	0.03	3.1E-08	5.6E+01	7.2E-04	6.1E-04	2.4E-05	4.7E-02	2.7E-02	3.1E-08
813	0.02	2.5E-08	4.4E+01	7.2E-04	6.1E-04	1.9E-05	4.7E-02	2.7E-02	2.5E-08
814	0.03	3.1E-08	5.4E+01	7.2E-04	6.1E-04	2.4E-05	4.7E-02	2.7E-02	3.1E-08
815	0.02	2.4E-08	4.3E+01	7.2E-04	6.1E-04	1.9E-05	4.7E-02	2.7E-02	2.4E-08
816	0.03	3.0E-08	5.4E+01	7.2E-04	6.1E-04	2.4E-05	4.7E-02	2.7E-02	3.0E-08
817	0.02	2.2E-08	3.9E+01	7.2E-04	6.1E-04	1.7E-05	4.7E-02	2.7E-02	2.2E-08
818	0.03	3.0E-08	5.4E+01	7.2E-04	6.1E-04	2.4E-05	4.7E-02	2.7E-02	3.0E-08
819	0.02	2.1E-08	3.7E+01	7.2E-04	6.1E-04	1.6E-05	4.7E-02	2.7E-02	2.1E-08
820	0.03	2.8E-08	4.9E+01	7.2E-04	6.1E-04	2.1E-05	4.7E-02	2.7E-02	2.8E-08
821	0.01	6.2E-09	1.1E+01	7.2E-04	6.1E-04	4.8E-06	4.7E-02	2.7E-02	6.2E-09
822	0.01	7.8E-09	1.4E+01	7.2E-04	6.1E-04	6.0E-06	4.7E-02	2.7E-02	7.8E-09
823	0.01	1.0E-08	1.8E+01	7.2E-04	6.1E-04	7.8E-06	4.7E-02	2.7E-02	1.0E-08
824	0.01	7.3E-09	1.3E+01	7.2E-04	6.1E-04	5.7E-06	4.7E-02	2.7E-02	7.3E-09
825	0.01	9.8E-09	1.7E+01	7.2E-04	6.1E-04	7.6E-06	4.7E-02	2.7E-02	9.8E-09
826	0.01	1.4E-08	2.4E+01	7.2E-04	6.1E-04	1.0E-05	4.7E-02	2.7E-02	1.4E-08
827	0.01	8.8E-09	1.6E+01	7.2E-04	6.1E-04	6.8E-06	4.7E-02	2.7E-02	8.8E-09
828	0.01	1.3E-08	2.3E+01	7.2E-04	6.1E-04	9.9E-06	4.7E-02	2.7E-02	1.3E-08
829	0.02	1.5E-08	2.7E+01	7.2E-04	6.1E-04	1.2E-05	4.7E-02	2.7E-02	1.5E-08
830	0.01	1.0E-08	1.8E+01	7.2E-04	6.1E-04	7.8E-06	4.7E-02	2.7E-02	1.0E-08
831	0.02	1.5E-08	2.7E+01	7.2E-04	6.1E-04	1.2E-05	4.7E-02	2.7E-02	1.5E-08
832	0.02	1.6E-08	2.8E+01	7.2E-04	6.1E-04	1.2E-05	4.7E-02	2.7E-02	1.6E-08
833	0.01	1.1E-08	2.0E+01	7.2E-04	6.1E-04	8.5E-06	4.7E-02	2.7E-02	1.1E-08
834	0.02	1.7E-08	3.0E+01	7.2E-04	6.1E-04	1.3E-05	4.7E-02	2.7E-02	1.7E-08
835	0.02	1.5E-08	2.7E+01	7.2E-04	6.1E-04	1.2E-05	4.7E-02	2.7E-02	1.5E-08
836	0.01	1.1E-08	2.0E+01	7.2E-04	6.1E-04	8.8E-06	4.7E-02	2.7E-02	1.1E-08
837	0.02	1.7E-08	3.0E+01	7.2E-04	6.1E-04	1.3E-05	4.7E-02	2.7E-02	1.7E-08
838	0.02	1.9E-08	3.3E+01	7.2E-04	6.1E-04	1.5E-05	4.7E-02	2.7E-02	1.9E-08
839	0.01	1.2E-08	2.1E+01	7.2E-04	6.1E-04	9.0E-06	4.7E-02	2.7E-02	1.2E-08
840	0.02	1.7E-08	3.1E+01	7.2E-04	6.1E-04	1.3E-05	4.7E-02	2.7E-02	1.7E-08
841	0.02	2.0E-08	3.5E+01	7.2E-04	6.1E-04	1.5E-05	4.7E-02	2.7E-02	2.0E-08
842	0.01	1.2E-08	2.1E+01	7.2E-04	6.1E-04	9.0E-06	4.7E-02	2.7E-02	1.2E-08
843	0.02	1.5E-08	2.7E+01	7.2E-04	6.1E-04	1.2E-05	4.7E-02	2.7E-02	1.5E-08
844	0.02	1.9E-08	3.4E+01	7.2E-04	6.1E-04	1.5E-05	4.7E-02	2.7E-02	1.9E-08
845	0.01	1.1E-08	2.0E+01	7.2E-04	6.1E-04	8.6E-06	4.7E-02	2.7E-02	1.1E-08

846	0.02	1.7E-08	3.1E+01	7.2E-04	6.1E-04	1.3E-05	4.7E-02	2.7E-02	1.7E-08
847	0.02	1.8E-08	3.2E+01	7.2E-04	6.1E-04	1.4E-05	4.7E-02	2.7E-02	1.8E-08
848	0.01	9.9E-09	1.8E+01	7.2E-04	6.1E-04	7.7E-06	4.7E-02	2.7E-02	9.9E-09
849	0.01	1.5E-08	2.6E+01	7.2E-04	6.1E-04	1.1E-05	4.7E-02	2.7E-02	1.5E-08
850	0.02	1.7E-08	3.1E+01	7.2E-04	6.1E-04	1.3E-05	4.7E-02	2.7E-02	1.7E-08
851	0.01	1.0E-08	1.9E+01	7.2E-04	6.1E-04	8.1E-06	4.7E-02	2.7E-02	1.0E-08
852	0.02	1.5E-08	2.7E+01	7.2E-04	6.1E-04	1.2E-05	4.7E-02	2.7E-02	1.5E-08
853	0.02	1.8E-08	3.1E+01	7.2E-04	6.1E-04	1.4E-05	4.7E-02	2.7E-02	1.8E-08
854	0.02	2.4E-08	4.3E+01	7.2E-04	6.1E-04	1.9E-05	4.7E-02	2.7E-02	2.4E-08
855	0.02	2.2E-08	4.0E+01	7.2E-04	6.1E-04	1.7E-05	4.7E-02	2.7E-02	2.2E-08
856	0.01	8.9E-09	1.6E+01	7.2E-04	6.1E-04	6.9E-06	4.7E-02	2.7E-02	8.9E-09
857	0.01	1.2E-08	2.1E+01	7.2E-04	6.1E-04	9.3E-06	4.7E-02	2.7E-02	1.2E-08
858	0.02	1.6E-08	2.9E+01	7.2E-04	6.1E-04	1.3E-05	4.7E-02	2.7E-02	1.6E-08
859	0.02	2.3E-08	4.0E+01	7.2E-04	6.1E-04	1.8E-05	4.7E-02	2.7E-02	2.3E-08
860	0.02	2.1E-08	3.7E+01	7.2E-04	6.1E-04	1.6E-05	4.7E-02	2.7E-02	2.1E-08
861	0.01	7.6E-09	1.4E+01	7.2E-04	6.1E-04	5.9E-06	4.7E-02	2.7E-02	7.6E-09
862	0.01	1.0E-08	1.8E+01	7.2E-04	6.1E-04	7.7E-06	4.7E-02	2.7E-02	1.0E-08
863	0.01	1.3E-08	2.4E+01	7.2E-04	6.1E-04	1.0E-05	4.7E-02	2.7E-02	1.3E-08
864	0.02	1.8E-08	3.3E+01	7.2E-04	6.1E-04	1.4E-05	4.7E-02	2.7E-02	1.8E-08
865	0.02	1.8E-08	3.2E+01	7.2E-04	6.1E-04	1.4E-05	4.7E-02	2.7E-02	1.8E-08
866	0.01	1.0E-08	1.8E+01	7.2E-04	6.1E-04	7.8E-06	4.7E-02	2.7E-02	1.0E-08
867	0.01	1.4E-08	2.4E+01	7.2E-04	6.1E-04	1.0E-05	4.7E-02	2.7E-02	1.4E-08
868	0.02	1.8E-08	3.3E+01	7.2E-04	6.1E-04	1.4E-05	4.7E-02	2.7E-02	1.8E-08
869	0.02	2.1E-08	3.7E+01	7.2E-04	6.1E-04	1.6E-05	4.7E-02	2.7E-02	2.1E-08
870	0.02	1.5E-08	2.7E+01	7.2E-04	6.1E-04	1.2E-05	4.7E-02	2.7E-02	1.5E-08
871	0.02	1.6E-08	2.8E+01	7.2E-04	6.1E-04	1.2E-05	4.7E-02	2.7E-02	1.6E-08
872	0.02	2.2E-08	3.9E+01	7.2E-04	6.1E-04	1.7E-05	4.7E-02	2.7E-02	2.2E-08

Risk From New Building Demo (Port. 2) - Mitigated School

Franklin School Project

Risk From New Building Demo (Port. 2) - Mitigated School

0.01	Max

Receptor #	Total/ Million	Total	Onsite						
			Conc	g/sec	D1	Dose	R1	ED	Risk
807	0.00	3.4E-09	2.9E+01	7.5E-04	6.1E-04	1.3E-05	4.7E-02	5.5E-03	3.4E-09
808	0.00	3.9E-09	3.3E+01	7.5E-04	6.1E-04	1.5E-05	4.7E-02	5.5E-03	3.9E-09
809	0.00	3.8E-09	3.2E+01	7.5E-04	6.1E-04	1.5E-05	4.7E-02	5.5E-03	3.8E-09
810	0.00	4.1E-09	3.5E+01	7.5E-04	6.1E-04	1.6E-05	4.7E-02	5.5E-03	4.1E-09
811	0.00	3.9E-09	3.3E+01	7.5E-04	6.1E-04	1.5E-05	4.7E-02	5.5E-03	3.9E-09
812	0.00	5.0E-09	4.2E+01	7.5E-04	6.1E-04	1.9E-05	4.7E-02	5.5E-03	5.0E-09
813	0.00	4.0E-09	3.4E+01	7.5E-04	6.1E-04	1.5E-05	4.7E-02	5.5E-03	4.0E-09
814	0.01	5.3E-09	4.6E+01	7.5E-04	6.1E-04	2.1E-05	4.7E-02	5.5E-03	5.3E-09
815	0.00	4.2E-09	3.6E+01	7.5E-04	6.1E-04	1.6E-05	4.7E-02	5.5E-03	4.2E-09
816	0.00	4.6E-09	4.0E+01	7.5E-04	6.1E-04	1.8E-05	4.7E-02	5.5E-03	4.6E-09
817	0.00	4.3E-09	3.7E+01	7.5E-04	6.1E-04	1.7E-05	4.7E-02	5.5E-03	4.3E-09
818	0.00	4.7E-09	4.0E+01	7.5E-04	6.1E-04	1.8E-05	4.7E-02	5.5E-03	4.7E-09
819	0.00	4.2E-09	3.6E+01	7.5E-04	6.1E-04	1.6E-05	4.7E-02	5.5E-03	4.2E-09
820	0.01	5.7E-09	4.8E+01	7.5E-04	6.1E-04	2.2E-05	4.7E-02	5.5E-03	5.7E-09
821	0.00	9.2E-10	7.9E+00	7.5E-04	6.1E-04	3.6E-06	4.7E-02	5.5E-03	9.2E-10
822	0.00	1.1E-09	9.7E+00	7.5E-04	6.1E-04	4.4E-06	4.7E-02	5.5E-03	1.1E-09
823	0.00	1.5E-09	1.3E+01	7.5E-04	6.1E-04	5.7E-06	4.7E-02	5.5E-03	1.5E-09
824	0.00	1.0E-09	8.7E+00	7.5E-04	6.1E-04	3.9E-06	4.7E-02	5.5E-03	1.0E-09
825	0.00	1.3E-09	1.1E+01	7.5E-04	6.1E-04	5.0E-06	4.7E-02	5.5E-03	1.3E-09
826	0.00	1.7E-09	1.5E+01	7.5E-04	6.1E-04	6.7E-06	4.7E-02	5.5E-03	1.7E-09
827	0.00	1.1E-09	9.6E+00	7.5E-04	6.1E-04	4.4E-06	4.7E-02	5.5E-03	1.1E-09
828	0.00	1.5E-09	1.3E+01	7.5E-04	6.1E-04	5.7E-06	4.7E-02	5.5E-03	1.5E-09
829	0.00	2.0E-09	1.7E+01	7.5E-04	6.1E-04	7.8E-06	4.7E-02	5.5E-03	2.0E-09
830	0.00	1.2E-09	1.0E+01	7.5E-04	6.1E-04	4.7E-06	4.7E-02	5.5E-03	1.2E-09
831	0.00	1.6E-09	1.4E+01	7.5E-04	6.1E-04	6.2E-06	4.7E-02	5.5E-03	1.6E-09
832	0.00	2.3E-09	1.9E+01	7.5E-04	6.1E-04	8.7E-06	4.7E-02	5.5E-03	2.3E-09
833	0.00	1.3E-09	1.1E+01	7.5E-04	6.1E-04	5.0E-06	4.7E-02	5.5E-03	1.3E-09
834	0.00	1.7E-09	1.5E+01	7.5E-04	6.1E-04	6.6E-06	4.7E-02	5.5E-03	1.7E-09
835	0.00	2.4E-09	2.1E+01	7.5E-04	6.1E-04	9.4E-06	4.7E-02	5.5E-03	2.4E-09
836	0.00	1.3E-09	1.1E+01	7.5E-04	6.1E-04	5.2E-06	4.7E-02	5.5E-03	1.3E-09
837	0.00	1.8E-09	1.5E+01	7.5E-04	6.1E-04	6.8E-06	4.7E-02	5.5E-03	1.8E-09
838	0.00	2.5E-09	2.1E+01	7.5E-04	6.1E-04	9.7E-06	4.7E-02	5.5E-03	2.5E-09
839	0.00	1.4E-09	1.2E+01	7.5E-04	6.1E-04	5.3E-06	4.7E-02	5.5E-03	1.4E-09
840	0.00	1.8E-09	1.6E+01	7.5E-04	6.1E-04	7.0E-06	4.7E-02	5.5E-03	1.8E-09
841	0.00	2.6E-09	2.2E+01	7.5E-04	6.1E-04	1.0E-05	4.7E-02	5.5E-03	2.6E-09
842	0.00	1.4E-09	1.2E+01	7.5E-04	6.1E-04	5.4E-06	4.7E-02	5.5E-03	1.4E-09
843	0.00	1.9E-09	1.6E+01	7.5E-04	6.1E-04	7.2E-06	4.7E-02	5.5E-03	1.9E-09
844	0.00	2.7E-09	2.3E+01	7.5E-04	6.1E-04	1.0E-05	4.7E-02	5.5E-03	2.7E-09
845	0.00	1.4E-09	1.2E+01	7.5E-04	6.1E-04	5.3E-06	4.7E-02	5.5E-03	1.4E-09

846	0.00	1.9E-09	1.6E+01	7.5E-04	6.1E-04	7.2E-06	4.7E-02	5.5E-03	1.9E-09
847	0.00	2.7E-09	2.3E+01	7.5E-04	6.1E-04	1.0E-05	4.7E-02	5.5E-03	2.7E-09
848	0.00	1.3E-09	1.1E+01	7.5E-04	6.1E-04	5.2E-06	4.7E-02	5.5E-03	1.3E-09
849	0.00	1.8E-09	1.6E+01	7.5E-04	6.1E-04	7.0E-06	4.7E-02	5.5E-03	1.8E-09
850	0.00	2.7E-09	2.3E+01	7.5E-04	6.1E-04	1.0E-05	4.7E-02	5.5E-03	2.7E-09
851	0.00	1.4E-09	1.2E+01	7.5E-04	6.1E-04	5.6E-06	4.7E-02	5.5E-03	1.4E-09
852	0.00	2.0E-09	1.7E+01	7.5E-04	6.1E-04	7.7E-06	4.7E-02	5.5E-03	2.0E-09
853	0.00	3.0E-09	2.5E+01	7.5E-04	6.1E-04	1.1E-05	4.7E-02	5.5E-03	3.0E-09
854	0.00	4.5E-09	3.8E+01	7.5E-04	6.1E-04	1.7E-05	4.7E-02	5.5E-03	4.5E-09
855	0.00	4.6E-09	3.9E+01	7.5E-04	6.1E-04	1.8E-05	4.7E-02	5.5E-03	4.6E-09
856	0.00	1.4E-09	1.2E+01	7.5E-04	6.1E-04	5.3E-06	4.7E-02	5.5E-03	1.4E-09
857	0.00	1.9E-09	1.6E+01	7.5E-04	6.1E-04	7.3E-06	4.7E-02	5.5E-03	1.9E-09
858	0.00	2.8E-09	2.4E+01	7.5E-04	6.1E-04	1.1E-05	4.7E-02	5.5E-03	2.8E-09
859	0.00	4.4E-09	3.7E+01	7.5E-04	6.1E-04	1.7E-05	4.7E-02	5.5E-03	4.4E-09
860	0.00	4.0E-09	3.5E+01	7.5E-04	6.1E-04	1.6E-05	4.7E-02	5.5E-03	4.0E-09
861	0.00	1.3E-09	1.1E+01	7.5E-04	6.1E-04	5.0E-06	4.7E-02	5.5E-03	1.3E-09
862	0.00	1.7E-09	1.5E+01	7.5E-04	6.1E-04	6.8E-06	4.7E-02	5.5E-03	1.7E-09
863	0.00	2.5E-09	2.1E+01	7.5E-04	6.1E-04	9.6E-06	4.7E-02	5.5E-03	2.5E-09
864	0.00	3.8E-09	3.2E+01	7.5E-04	6.1E-04	1.5E-05	4.7E-02	5.5E-03	3.8E-09
865	0.00	3.8E-09	3.3E+01	7.5E-04	6.1E-04	1.5E-05	4.7E-02	5.5E-03	3.8E-09
866	0.00	1.5E-09	1.3E+01	7.5E-04	6.1E-04	5.8E-06	4.7E-02	5.5E-03	1.5E-09
867	0.00	1.8E-09	1.5E+01	7.5E-04	6.1E-04	6.9E-06	4.7E-02	5.5E-03	1.8E-09
868	0.00	2.5E-09	2.1E+01	7.5E-04	6.1E-04	9.7E-06	4.7E-02	5.5E-03	2.5E-09
869	0.00	3.7E-09	3.2E+01	7.5E-04	6.1E-04	1.4E-05	4.7E-02	5.5E-03	3.7E-09
870	0.00	2.1E-09	1.8E+01	7.5E-04	6.1E-04	8.1E-06	4.7E-02	5.5E-03	2.1E-09
871	0.00	3.0E-09	2.6E+01	7.5E-04	6.1E-04	1.2E-05	4.7E-02	5.5E-03	3.0E-09
872	0.00	4.1E-09	3.5E+01	7.5E-04	6.1E-04	1.6E-05	4.7E-02	5.5E-03	4.1E-09

Franklin School Project

Risk From New Building Demo (Port. 2) - Mitigated School

Haul Route 1A							Haul Route 2A						
Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
2.0E+01	1.9E-07	6.1E-04	2.3E-09	4.7E-02	5.5E-03	5.8E-13	9.9E+00	6.0E-07	6.1E-04	3.6E-09	4.7E-02	5.5E-03	9.3E-13
1.7E+01	1.9E-07	6.1E-04	1.9E-09	4.7E-02	5.5E-03	5.0E-13	9.6E+00	6.0E-07	6.1E-04	3.5E-09	4.7E-02	5.5E-03	9.0E-13
1.6E+01	1.9E-07	6.1E-04	1.9E-09	4.7E-02	5.5E-03	4.8E-13	8.4E+00	6.0E-07	6.1E-04	3.0E-09	4.7E-02	5.5E-03	7.9E-13
1.4E+01	1.9E-07	6.1E-04	1.6E-09	4.7E-02	5.5E-03	4.2E-13	8.2E+00	6.0E-07	6.1E-04	3.0E-09	4.7E-02	5.5E-03	7.7E-13
1.3E+01	1.9E-07	6.1E-04	1.5E-09	4.7E-02	5.5E-03	4.0E-13	7.2E+00	6.0E-07	6.1E-04	2.6E-09	4.7E-02	5.5E-03	6.7E-13
1.2E+01	1.9E-07	6.1E-04	1.4E-09	4.7E-02	5.5E-03	3.6E-13	7.1E+00	6.0E-07	6.1E-04	2.6E-09	4.7E-02	5.5E-03	6.6E-13
1.1E+01	1.9E-07	6.1E-04	1.3E-09	4.7E-02	5.5E-03	3.3E-13	6.2E+00	6.0E-07	6.1E-04	2.3E-09	4.7E-02	5.5E-03	5.8E-13
1.0E+01	1.9E-07	6.1E-04	1.2E-09	4.7E-02	5.5E-03	3.1E-13	6.2E+00	6.0E-07	6.1E-04	2.2E-09	4.7E-02	5.5E-03	5.8E-13
9.5E+00	1.9E-07	6.1E-04	1.1E-09	4.7E-02	5.5E-03	2.8E-13	5.4E+00	6.0E-07	6.1E-04	2.0E-09	4.7E-02	5.5E-03	5.1E-13
8.8E+00	1.9E-07	6.1E-04	1.0E-09	4.7E-02	5.5E-03	2.6E-13	5.4E+00	6.0E-07	6.1E-04	2.0E-09	4.7E-02	5.5E-03	5.1E-13
8.2E+00	1.9E-07	6.1E-04	9.4E-10	4.7E-02	5.5E-03	2.4E-13	4.8E+00	6.0E-07	6.1E-04	1.7E-09	4.7E-02	5.5E-03	4.5E-13
7.7E+00	1.9E-07	6.1E-04	8.8E-10	4.7E-02	5.5E-03	2.3E-13	4.8E+00	6.0E-07	6.1E-04	1.7E-09	4.7E-02	5.5E-03	4.5E-13
7.1E+00	1.9E-07	6.1E-04	8.1E-10	4.7E-02	5.5E-03	2.1E-13	4.3E+00	6.0E-07	6.1E-04	1.6E-09	4.7E-02	5.5E-03	4.0E-13
6.7E+00	1.9E-07	6.1E-04	7.7E-10	4.7E-02	5.5E-03	2.0E-13	4.3E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	5.5E-03	4.0E-13
3.2E+01	1.9E-07	6.1E-04	3.7E-09	4.7E-02	5.5E-03	9.5E-13	1.8E+01	6.0E-07	6.1E-04	6.5E-09	4.7E-02	5.5E-03	1.7E-12
6.9E+01	1.9E-07	6.1E-04	8.0E-09	4.7E-02	5.5E-03	2.1E-12	1.8E+01	6.0E-07	6.1E-04	6.7E-09	4.7E-02	5.5E-03	1.7E-12
4.7E+01	1.9E-07	6.1E-04	5.4E-09	4.7E-02	5.5E-03	1.4E-12	1.8E+01	6.0E-07	6.1E-04	6.6E-09	4.7E-02	5.5E-03	1.7E-12
2.2E+01	1.9E-07	6.1E-04	2.5E-09	4.7E-02	5.5E-03	6.5E-13	1.4E+01	6.0E-07	6.1E-04	5.1E-09	4.7E-02	5.5E-03	1.3E-12
5.0E+01	1.9E-07	6.1E-04	5.8E-09	4.7E-02	5.5E-03	1.5E-12	1.4E+01	6.0E-07	6.1E-04	5.3E-09	4.7E-02	5.5E-03	1.4E-12
3.7E+01	1.9E-07	6.1E-04	4.3E-09	4.7E-02	5.5E-03	1.1E-12	1.4E+01	6.0E-07	6.1E-04	5.3E-09	4.7E-02	5.5E-03	1.4E-12
4.4E+01	1.9E-07	6.1E-04	5.1E-09	4.7E-02	5.5E-03	1.3E-12	1.1E+01	6.0E-07	6.1E-04	4.1E-09	4.7E-02	5.5E-03	1.1E-12
3.6E+01	1.9E-07	6.1E-04	4.1E-09	4.7E-02	5.5E-03	1.1E-12	1.2E+01	6.0E-07	6.1E-04	4.3E-09	4.7E-02	5.5E-03	1.1E-12
2.9E+01	1.9E-07	6.1E-04	3.3E-09	4.7E-02	5.5E-03	8.5E-13	1.2E+01	6.0E-07	6.1E-04	4.3E-09	4.7E-02	5.5E-03	1.1E-12
3.0E+01	1.9E-07	6.1E-04	3.5E-09	4.7E-02	5.5E-03	8.9E-13	9.4E+00	6.0E-07	6.1E-04	3.4E-09	4.7E-02	5.5E-03	8.8E-13
2.6E+01	1.9E-07	6.1E-04	3.0E-09	4.7E-02	5.5E-03	7.8E-13	9.7E+00	6.0E-07	6.1E-04	3.5E-09	4.7E-02	5.5E-03	9.1E-13
2.2E+01	1.9E-07	6.1E-04	2.6E-09	4.7E-02	5.5E-03	6.6E-13	9.7E+00	6.0E-07	6.1E-04	3.5E-09	4.7E-02	5.5E-03	9.1E-13
2.2E+01	1.9E-07	6.1E-04	2.5E-09	4.7E-02	5.5E-03	6.4E-13	7.9E+00	6.0E-07	6.1E-04	2.9E-09	4.7E-02	5.5E-03	7.4E-13
2.0E+01	1.9E-07	6.1E-04	2.3E-09	4.7E-02	5.5E-03	5.9E-13	8.1E+00	6.0E-07	6.1E-04	2.9E-09	4.7E-02	5.5E-03	7.6E-13
1.8E+01	1.9E-07	6.1E-04	2.0E-09	4.7E-02	5.5E-03	5.3E-13	8.2E+00	6.0E-07	6.1E-04	3.0E-09	4.7E-02	5.5E-03	7.7E-13
1.7E+01	1.9E-07	6.1E-04	2.0E-09	4.7E-02	5.5E-03	5.1E-13	7.0E+00	6.0E-07	6.1E-04	2.5E-09	4.7E-02	5.5E-03	6.5E-13
1.6E+01	1.9E-07	6.1E-04	1.9E-09	4.7E-02	5.5E-03	4.8E-13	7.1E+00	6.0E-07	6.1E-04	2.6E-09	4.7E-02	5.5E-03	6.7E-13
1.5E+01	1.9E-07	6.1E-04	1.7E-09	4.7E-02	5.5E-03	4.4E-13	7.2E+00	6.0E-07	6.1E-04	2.6E-09	4.7E-02	5.5E-03	6.8E-13
1.4E+01	1.9E-07	6.1E-04	1.6E-09	4.7E-02	5.5E-03	4.1E-13	6.0E+00	6.0E-07	6.1E-04	2.2E-09	4.7E-02	5.5E-03	5.6E-13
1.3E+01	1.9E-07	6.1E-04	1.5E-09	4.7E-02	5.5E-03	3.9E-13	6.1E+00	6.0E-07	6.1E-04	2.2E-09	4.7E-02	5.5E-03	5.8E-13
1.2E+01	1.9E-07	6.1E-04	1.4E-09	4.7E-02	5.5E-03	3.6E-13	6.2E+00	6.0E-07	6.1E-04	2.3E-09	4.7E-02	5.5E-03	5.8E-13
1.1E+01	1.9E-07	6.1E-04	1.3E-09	4.7E-02	5.5E-03	3.3E-13	5.2E+00	6.0E-07	6.1E-04	1.9E-09	4.7E-02	5.5E-03	4.9E-13
1.1E+01	1.9E-07	6.1E-04	1.2E-09	4.7E-02	5.5E-03	3.2E-13	5.4E+00	6.0E-07	6.1E-04	1.9E-09	4.7E-02	5.5E-03	5.0E-13
1.0E+01	1.9E-07	6.1E-04	1.2E-09	4.7E-02	5.5E-03	3.0E-13	5.4E+00	6.0E-07	6.1E-04	2.0E-09	4.7E-02	5.5E-03	5.1E-13
9.1E+00	1.9E-07	6.1E-04	1.0E-09	4.7E-02	5.5E-03	2.7E-13	4.6E+00	6.0E-07	6.1E-04	1.7E-09	4.7E-02	5.5E-03	4.3E-13

8.9E+00	1.9E-07	6.1E-04	1.0E-09	4.7E-02	5.5E-03	2.7E-13	4.7E+00	6.0E-07	6.1E-04	1.7E-09	4.7E-02	5.5E-03	4.4E-13
8.6E+00	1.9E-07	6.1E-04	9.9E-10	4.7E-02	5.5E-03	2.6E-13	4.8E+00	6.0E-07	6.1E-04	1.7E-09	4.7E-02	5.5E-03	4.5E-13
7.7E+00	1.9E-07	6.1E-04	8.8E-10	4.7E-02	5.5E-03	2.3E-13	4.1E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	5.5E-03	3.8E-13
7.6E+00	1.9E-07	6.1E-04	8.7E-10	4.7E-02	5.5E-03	2.3E-13	4.2E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	5.5E-03	3.9E-13
7.4E+00	1.9E-07	6.1E-04	8.5E-10	4.7E-02	5.5E-03	2.2E-13	4.2E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	5.5E-03	4.0E-13
7.2E+00	1.9E-07	6.1E-04	8.3E-10	4.7E-02	5.5E-03	2.1E-13	3.9E+00	6.0E-07	6.1E-04	1.4E-09	4.7E-02	5.5E-03	3.7E-13
7.1E+00	1.9E-07	6.1E-04	8.1E-10	4.7E-02	5.5E-03	2.1E-13	4.0E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	5.5E-03	3.8E-13
6.9E+00	1.9E-07	6.1E-04	7.9E-10	4.7E-02	5.5E-03	2.0E-13	4.1E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	5.5E-03	3.8E-13
6.6E+00	1.9E-07	6.1E-04	7.6E-10	4.7E-02	5.5E-03	2.0E-13	4.1E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	5.5E-03	3.8E-13
6.3E+00	1.9E-07	6.1E-04	7.3E-10	4.7E-02	5.5E-03	1.9E-13	4.1E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	5.5E-03	3.8E-13
6.2E+00	1.9E-07	6.1E-04	7.1E-10	4.7E-02	5.5E-03	1.8E-13	3.5E+00	6.0E-07	6.1E-04	1.3E-09	4.7E-02	5.5E-03	3.3E-13
6.1E+00	1.9E-07	6.1E-04	7.0E-10	4.7E-02	5.5E-03	1.8E-13	3.6E+00	6.0E-07	6.1E-04	1.3E-09	4.7E-02	5.5E-03	3.4E-13
6.0E+00	1.9E-07	6.1E-04	6.9E-10	4.7E-02	5.5E-03	1.8E-13	3.6E+00	6.0E-07	6.1E-04	1.3E-09	4.7E-02	5.5E-03	3.4E-13
5.8E+00	1.9E-07	6.1E-04	6.7E-10	4.7E-02	5.5E-03	1.7E-13	3.7E+00	6.0E-07	6.1E-04	1.3E-09	4.7E-02	5.5E-03	3.4E-13
5.6E+00	1.9E-07	6.1E-04	6.4E-10	4.7E-02	5.5E-03	1.7E-13	3.7E+00	6.0E-07	6.1E-04	1.3E-09	4.7E-02	5.5E-03	3.4E-13
5.4E+00	1.9E-07	6.1E-04	6.2E-10	4.7E-02	5.5E-03	1.6E-13	3.2E+00	6.0E-07	6.1E-04	1.1E-09	4.7E-02	5.5E-03	3.0E-13
5.3E+00	1.9E-07	6.1E-04	6.2E-10	4.7E-02	5.5E-03	1.6E-13	3.2E+00	6.0E-07	6.1E-04	1.2E-09	4.7E-02	5.5E-03	3.0E-13
5.3E+00	1.9E-07	6.1E-04	6.1E-10	4.7E-02	5.5E-03	1.6E-13	3.3E+00	6.0E-07	6.1E-04	1.2E-09	4.7E-02	5.5E-03	3.1E-13
5.1E+00	1.9E-07	6.1E-04	5.9E-10	4.7E-02	5.5E-03	1.5E-13	3.3E+00	6.0E-07	6.1E-04	1.2E-09	4.7E-02	5.5E-03	3.1E-13
5.0E+00	1.9E-07	6.1E-04	5.7E-10	4.7E-02	5.5E-03	1.5E-13	3.3E+00	6.0E-07	6.1E-04	1.2E-09	4.7E-02	5.5E-03	3.1E-13
4.6E+01	1.9E-07	6.1E-04	5.2E-09	4.7E-02	5.5E-03	1.4E-12	1.9E+01	6.0E-07	6.1E-04	6.9E-09	4.7E-02	5.5E-03	1.8E-12
3.7E+01	1.9E-07	6.1E-04	4.2E-09	4.7E-02	5.5E-03	1.1E-12	1.5E+01	6.0E-07	6.1E-04	5.5E-09	4.7E-02	5.5E-03	1.4E-12
2.9E+01	1.9E-07	6.1E-04	3.3E-09	4.7E-02	5.5E-03	8.5E-13	1.5E+01	6.0E-07	6.1E-04	5.3E-09	4.7E-02	5.5E-03	1.4E-12
2.3E+01	1.9E-07	6.1E-04	2.7E-09	4.7E-02	5.5E-03	6.9E-13	1.4E+01	6.0E-07	6.1E-04	5.0E-09	4.7E-02	5.5E-03	1.3E-12
2.9E+01	1.9E-07	6.1E-04	3.3E-09	4.7E-02	5.5E-03	8.6E-13	1.2E+01	6.0E-07	6.1E-04	4.4E-09	4.7E-02	5.5E-03	1.1E-12
2.4E+01	1.9E-07	6.1E-04	2.7E-09	4.7E-02	5.5E-03	7.0E-13	1.2E+01	6.0E-07	6.1E-04	4.3E-09	4.7E-02	5.5E-03	1.1E-12
2.0E+01	1.9E-07	6.1E-04	2.3E-09	4.7E-02	5.5E-03	5.8E-13	1.1E+01	6.0E-07	6.1E-04	4.2E-09	4.7E-02	5.5E-03	1.1E-12

Franklin School Project

Risk From New Building Demo (Port. 2) - Mitigated School

Haul Route 1A							Haul Route 2A						
Conc	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
9.9E+00	1.2E-06	6.1E-04	7.4E-09	4.7E-02	5.5E-03	1.9E-12	8.5E-01	1.3E-07	6.1E-04	6.8E-11	4.7E-02	5.5E-03	1.8E-14
9.6E+00	1.2E-06	6.1E-04	7.2E-09	4.7E-02	5.5E-03	1.9E-12	8.3E-01	1.3E-07	6.1E-04	6.7E-11	4.7E-02	5.5E-03	1.7E-14
8.4E+00	1.2E-06	6.1E-04	6.3E-09	4.7E-02	5.5E-03	1.6E-12	8.2E-01	1.3E-07	6.1E-04	6.5E-11	4.7E-02	5.5E-03	1.7E-14
8.2E+00	1.2E-06	6.1E-04	6.1E-09	4.7E-02	5.5E-03	1.6E-12	8.0E-01	1.3E-07	6.1E-04	6.4E-11	4.7E-02	5.5E-03	1.7E-14
7.2E+00	1.2E-06	6.1E-04	5.4E-09	4.7E-02	5.5E-03	1.4E-12	7.8E-01	1.3E-07	6.1E-04	6.3E-11	4.7E-02	5.5E-03	1.6E-14
7.1E+00	1.2E-06	6.1E-04	5.3E-09	4.7E-02	5.5E-03	1.4E-12	7.7E-01	1.3E-07	6.1E-04	6.1E-11	4.7E-02	5.5E-03	1.6E-14
6.2E+00	1.2E-06	6.1E-04	4.6E-09	4.7E-02	5.5E-03	1.2E-12	7.5E-01	1.3E-07	6.1E-04	6.0E-11	4.7E-02	5.5E-03	1.6E-14
6.2E+00	1.2E-06	6.1E-04	4.6E-09	4.7E-02	5.5E-03	1.2E-12	7.4E-01	1.3E-07	6.1E-04	5.9E-11	4.7E-02	5.5E-03	1.5E-14
5.4E+00	1.2E-06	6.1E-04	4.1E-09	4.7E-02	5.5E-03	1.0E-12	7.2E-01	1.3E-07	6.1E-04	5.8E-11	4.7E-02	5.5E-03	1.5E-14
5.4E+00	1.2E-06	6.1E-04	4.0E-09	4.7E-02	5.5E-03	1.0E-12	7.1E-01	1.3E-07	6.1E-04	5.7E-11	4.7E-02	5.5E-03	1.5E-14
4.8E+00	1.2E-06	6.1E-04	3.6E-09	4.7E-02	5.5E-03	9.3E-13	7.0E-01	1.3E-07	6.1E-04	5.6E-11	4.7E-02	5.5E-03	1.4E-14
4.8E+00	1.2E-06	6.1E-04	3.6E-09	4.7E-02	5.5E-03	9.2E-13	6.8E-01	1.3E-07	6.1E-04	5.5E-11	4.7E-02	5.5E-03	1.4E-14
4.3E+00	1.2E-06	6.1E-04	3.2E-09	4.7E-02	5.5E-03	8.2E-13	6.7E-01	1.3E-07	6.1E-04	5.4E-11	4.7E-02	5.5E-03	1.4E-14
4.3E+00	1.2E-06	6.1E-04	3.2E-09	4.7E-02	5.5E-03	8.2E-13	6.6E-01	1.3E-07	6.1E-04	5.3E-11	4.7E-02	5.5E-03	1.4E-14
1.8E+01	1.2E-06	6.1E-04	1.3E-08	4.7E-02	5.5E-03	3.5E-12	1.0E+00	1.3E-07	6.1E-04	8.2E-11	4.7E-02	5.5E-03	2.1E-14
1.8E+01	1.2E-06	6.1E-04	1.4E-08	4.7E-02	5.5E-03	3.5E-12	1.0E+00	1.3E-07	6.1E-04	8.0E-11	4.7E-02	5.5E-03	2.1E-14
1.8E+01	1.2E-06	6.1E-04	1.4E-08	4.7E-02	5.5E-03	3.5E-12	9.8E-01	1.3E-07	6.1E-04	7.9E-11	4.7E-02	5.5E-03	2.0E-14
1.4E+01	1.2E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-03	2.7E-12	9.8E-01	1.3E-07	6.1E-04	7.8E-11	4.7E-02	5.5E-03	2.0E-14
1.4E+01	1.2E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-03	2.8E-12	9.6E-01	1.3E-07	6.1E-04	7.7E-11	4.7E-02	5.5E-03	2.0E-14
1.4E+01	1.2E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-03	2.8E-12	9.4E-01	1.3E-07	6.1E-04	7.5E-11	4.7E-02	5.5E-03	1.9E-14
1.1E+01	1.2E-06	6.1E-04	8.5E-09	4.7E-02	5.5E-03	2.2E-12	9.4E-01	1.3E-07	6.1E-04	7.5E-11	4.7E-02	5.5E-03	1.9E-14
1.2E+01	1.2E-06	6.1E-04	8.7E-09	4.7E-02	5.5E-03	2.3E-12	9.2E-01	1.3E-07	6.1E-04	7.4E-11	4.7E-02	5.5E-03	1.9E-14
1.2E+01	1.2E-06	6.1E-04	8.8E-09	4.7E-02	5.5E-03	2.3E-12	9.0E-01	1.3E-07	6.1E-04	7.2E-11	4.7E-02	5.5E-03	1.9E-14
9.4E+00	1.2E-06	6.1E-04	7.0E-09	4.7E-02	5.5E-03	1.8E-12	9.0E-01	1.3E-07	6.1E-04	7.2E-11	4.7E-02	5.5E-03	1.9E-14
9.7E+00	1.2E-06	6.1E-04	7.2E-09	4.7E-02	5.5E-03	1.9E-12	8.8E-01	1.3E-07	6.1E-04	7.0E-11	4.7E-02	5.5E-03	1.8E-14
9.7E+00	1.2E-06	6.1E-04	7.2E-09	4.7E-02	5.5E-03	1.9E-12	8.6E-01	1.3E-07	6.1E-04	6.9E-11	4.7E-02	5.5E-03	1.8E-14
7.9E+00	1.2E-06	6.1E-04	5.9E-09	4.7E-02	5.5E-03	1.5E-12	8.6E-01	1.3E-07	6.1E-04	6.9E-11	4.7E-02	5.5E-03	1.8E-14
8.1E+00	1.2E-06	6.1E-04	6.0E-09	4.7E-02	5.5E-03	1.6E-12	8.4E-01	1.3E-07	6.1E-04	6.7E-11	4.7E-02	5.5E-03	1.7E-14
8.2E+00	1.2E-06	6.1E-04	6.1E-09	4.7E-02	5.5E-03	1.6E-12	8.3E-01	1.3E-07	6.1E-04	6.6E-11	4.7E-02	5.5E-03	1.7E-14
7.0E+00	1.2E-06	6.1E-04	5.2E-09	4.7E-02	5.5E-03	1.3E-12	8.3E-01	1.3E-07	6.1E-04	6.6E-11	4.7E-02	5.5E-03	1.7E-14
7.1E+00	1.2E-06	6.1E-04	5.3E-09	4.7E-02	5.5E-03	1.4E-12	8.1E-01	1.3E-07	6.1E-04	6.5E-11	4.7E-02	5.5E-03	1.7E-14
7.2E+00	1.2E-06	6.1E-04	5.4E-09	4.7E-02	5.5E-03	1.4E-12	8.0E-01	1.3E-07	6.1E-04	6.4E-11	4.7E-02	5.5E-03	1.7E-14
6.0E+00	1.2E-06	6.1E-04	4.5E-09	4.7E-02	5.5E-03	1.2E-12	7.9E-01	1.3E-07	6.1E-04	6.4E-11	4.7E-02	5.5E-03	1.6E-14
6.1E+00	1.2E-06	6.1E-04	4.6E-09	4.7E-02	5.5E-03	1.2E-12	7.8E-01	1.3E-07	6.1E-04	6.3E-11	4.7E-02	5.5E-03	1.6E-14
6.2E+00	1.2E-06	6.1E-04	4.6E-09	4.7E-02	5.5E-03	1.2E-12	7.7E-01	1.3E-07	6.1E-04	6.2E-11	4.7E-02	5.5E-03	1.6E-14
5.2E+00	1.2E-06	6.1E-04	3.9E-09	4.7E-02	5.5E-03	1.0E-12	7.6E-01	1.3E-07	6.1E-04	6.1E-11	4.7E-02	5.5E-03	1.6E-14
5.4E+00	1.2E-06	6.1E-04	4.0E-09	4.7E-02	5.5E-03	1.0E-12	7.5E-01	1.3E-07	6.1E-04	6.0E-11	4.7E-02	5.5E-03	1.6E-14
5.4E+00	1.2E-06	6.1E-04	4.0E-09	4.7E-02	5.5E-03	1.0E-12	7.4E-01	1.3E-07	6.1E-04	5.9E-11	4.7E-02	5.5E-03	1.5E-14
4.6E+00	1.2E-06	6.1E-04	3.4E-09	4.7E-02	5.5E-03	8.8E-13	7.3E-01	1.3E-07	6.1E-04	5.9E-11	4.7E-02	5.5E-03	1.5E-14

4.7E+00	1.2E-06	6.1E-04	3.5E-09	4.7E-02	5.5E-03	9.1E-13	7.2E-01	1.3E-07	6.1E-04	5.8E-11	4.7E-02	5.5E-03	1.5E-14
4.8E+00	1.2E-06	6.1E-04	3.6E-09	4.7E-02	5.5E-03	9.2E-13	7.1E-01	1.3E-07	6.1E-04	5.7E-11	4.7E-02	5.5E-03	1.5E-14
4.1E+00	1.2E-06	6.1E-04	3.0E-09	4.7E-02	5.5E-03	7.8E-13	7.0E-01	1.3E-07	6.1E-04	5.6E-11	4.7E-02	5.5E-03	1.5E-14
4.2E+00	1.2E-06	6.1E-04	3.1E-09	4.7E-02	5.5E-03	8.0E-13	6.9E-01	1.3E-07	6.1E-04	5.6E-11	4.7E-02	5.5E-03	1.4E-14
4.2E+00	1.2E-06	6.1E-04	3.2E-09	4.7E-02	5.5E-03	8.2E-13	6.8E-01	1.3E-07	6.1E-04	5.5E-11	4.7E-02	5.5E-03	1.4E-14
3.9E+00	1.2E-06	6.1E-04	2.9E-09	4.7E-02	5.5E-03	7.6E-13	6.9E-01	1.3E-07	6.1E-04	5.5E-11	4.7E-02	5.5E-03	1.4E-14
4.0E+00	1.2E-06	6.1E-04	3.0E-09	4.7E-02	5.5E-03	7.7E-13	6.8E-01	1.3E-07	6.1E-04	5.5E-11	4.7E-02	5.5E-03	1.4E-14
4.1E+00	1.2E-06	6.1E-04	3.0E-09	4.7E-02	5.5E-03	7.8E-13	6.7E-01	1.3E-07	6.1E-04	5.4E-11	4.7E-02	5.5E-03	1.4E-14
4.1E+00	1.2E-06	6.1E-04	3.0E-09	4.7E-02	5.5E-03	7.9E-13	6.6E-01	1.3E-07	6.1E-04	5.3E-11	4.7E-02	5.5E-03	1.4E-14
4.1E+00	1.2E-06	6.1E-04	3.0E-09	4.7E-02	5.5E-03	7.8E-13	6.5E-01	1.3E-07	6.1E-04	5.2E-11	4.7E-02	5.5E-03	1.3E-14
3.5E+00	1.2E-06	6.1E-04	2.6E-09	4.7E-02	5.5E-03	6.8E-13	6.6E-01	1.3E-07	6.1E-04	5.3E-11	4.7E-02	5.5E-03	1.4E-14
3.6E+00	1.2E-06	6.1E-04	2.7E-09	4.7E-02	5.5E-03	6.9E-13	6.5E-01	1.3E-07	6.1E-04	5.2E-11	4.7E-02	5.5E-03	1.4E-14
3.6E+00	1.2E-06	6.1E-04	2.7E-09	4.7E-02	5.5E-03	7.0E-13	6.5E-01	1.3E-07	6.1E-04	5.2E-11	4.7E-02	5.5E-03	1.3E-14
3.7E+00	1.2E-06	6.1E-04	2.7E-09	4.7E-02	5.5E-03	7.0E-13	6.4E-01	1.3E-07	6.1E-04	5.1E-11	4.7E-02	5.5E-03	1.3E-14
3.7E+00	1.2E-06	6.1E-04	2.7E-09	4.7E-02	5.5E-03	7.0E-13	6.2E-01	1.3E-07	6.1E-04	5.0E-11	4.7E-02	5.5E-03	1.3E-14
3.2E+00	1.2E-06	6.1E-04	2.4E-09	4.7E-02	5.5E-03	6.1E-13	6.4E-01	1.3E-07	6.1E-04	5.1E-11	4.7E-02	5.5E-03	1.3E-14
3.2E+00	1.2E-06	6.1E-04	2.4E-09	4.7E-02	5.5E-03	6.2E-13	6.3E-01	1.3E-07	6.1E-04	5.1E-11	4.7E-02	5.5E-03	1.3E-14
3.3E+00	1.2E-06	6.1E-04	2.4E-09	4.7E-02	5.5E-03	6.3E-13	6.2E-01	1.3E-07	6.1E-04	5.0E-11	4.7E-02	5.5E-03	1.3E-14
3.3E+00	1.2E-06	6.1E-04	2.5E-09	4.7E-02	5.5E-03	6.4E-13	6.1E-01	1.3E-07	6.1E-04	4.9E-11	4.7E-02	5.5E-03	1.3E-14
3.3E+00	1.2E-06	6.1E-04	2.5E-09	4.7E-02	5.5E-03	6.4E-13	6.0E-01	1.3E-07	6.1E-04	4.8E-11	4.7E-02	5.5E-03	1.2E-14
1.9E+01	1.2E-06	6.1E-04	1.4E-08	4.7E-02	5.5E-03	3.7E-12	9.9E-01	1.3E-07	6.1E-04	7.9E-11	4.7E-02	5.5E-03	2.0E-14
1.5E+01	1.2E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-03	2.9E-12	9.4E-01	1.3E-07	6.1E-04	7.6E-11	4.7E-02	5.5E-03	2.0E-14
1.5E+01	1.2E-06	6.1E-04	1.1E-08	4.7E-02	5.5E-03	2.8E-12	9.2E-01	1.3E-07	6.1E-04	7.4E-11	4.7E-02	5.5E-03	1.9E-14
1.4E+01	1.2E-06	6.1E-04	1.0E-08	4.7E-02	5.5E-03	2.7E-12	9.0E-01	1.3E-07	6.1E-04	7.2E-11	4.7E-02	5.5E-03	1.9E-14
1.2E+01	1.2E-06	6.1E-04	9.1E-09	4.7E-02	5.5E-03	2.3E-12	9.0E-01	1.3E-07	6.1E-04	7.2E-11	4.7E-02	5.5E-03	1.9E-14
1.2E+01	1.2E-06	6.1E-04	8.9E-09	4.7E-02	5.5E-03	2.3E-12	8.8E-01	1.3E-07	6.1E-04	7.1E-11	4.7E-02	5.5E-03	1.8E-14
1.1E+01	1.2E-06	6.1E-04	8.5E-09	4.7E-02	5.5E-03	2.2E-12	8.6E-01	1.3E-07	6.1E-04	6.9E-11	4.7E-02	5.5E-03	1.8E-14

Risk From New Building Demo (Port. 1,3,4) - Mitigated School

Franklin School Project

Risk From New Building Demo (Port. 1,3,4) - Mitigated School

0.01	Max

Onsite

Receptor #	Total/ Million	Total	Conc	g/sec	D1	Dose	R1	ED	Risk
807	0.01	8.6E-09	2.9E+01	7.5E-04	6.1E-04	1.3E-05	4.7E-02	1.4E-02	8.6E-09
808	0.01	9.7E-09	3.3E+01	7.5E-04	6.1E-04	1.5E-05	4.7E-02	1.4E-02	9.7E-09
809	0.01	9.5E-09	3.2E+01	7.5E-04	6.1E-04	1.5E-05	4.7E-02	1.4E-02	9.5E-09
810	0.01	1.0E-08	3.5E+01	7.5E-04	6.1E-04	1.6E-05	4.7E-02	1.4E-02	1.0E-08
811	0.01	9.8E-09	3.3E+01	7.5E-04	6.1E-04	1.5E-05	4.7E-02	1.4E-02	9.8E-09
812	0.01	1.2E-08	4.2E+01	7.5E-04	6.1E-04	1.9E-05	4.7E-02	1.4E-02	1.2E-08
813	0.01	1.0E-08	3.4E+01	7.5E-04	6.1E-04	1.5E-05	4.7E-02	1.4E-02	1.0E-08
814	0.01	1.3E-08	4.6E+01	7.5E-04	6.1E-04	2.1E-05	4.7E-02	1.4E-02	1.3E-08
815	0.01	1.1E-08	3.6E+01	7.5E-04	6.1E-04	1.6E-05	4.7E-02	1.4E-02	1.1E-08
816	0.01	1.2E-08	4.0E+01	7.5E-04	6.1E-04	1.8E-05	4.7E-02	1.4E-02	1.2E-08
817	0.01	1.1E-08	3.7E+01	7.5E-04	6.1E-04	1.7E-05	4.7E-02	1.4E-02	1.1E-08
818	0.01	1.2E-08	4.0E+01	7.5E-04	6.1E-04	1.8E-05	4.7E-02	1.4E-02	1.2E-08
819	0.01	1.0E-08	3.6E+01	7.5E-04	6.1E-04	1.6E-05	4.7E-02	1.4E-02	1.0E-08
820	0.01	1.4E-08	4.8E+01	7.5E-04	6.1E-04	2.2E-05	4.7E-02	1.4E-02	1.4E-08
821	0.00	2.3E-09	7.9E+00	7.5E-04	6.1E-04	3.6E-06	4.7E-02	1.4E-02	2.3E-09
822	0.00	2.9E-09	9.7E+00	7.5E-04	6.1E-04	4.4E-06	4.7E-02	1.4E-02	2.8E-09
823	0.00	3.7E-09	1.3E+01	7.5E-04	6.1E-04	5.7E-06	4.7E-02	1.4E-02	3.7E-09
824	0.00	2.6E-09	8.7E+00	7.5E-04	6.1E-04	3.9E-06	4.7E-02	1.4E-02	2.5E-09
825	0.00	3.3E-09	1.1E+01	7.5E-04	6.1E-04	5.0E-06	4.7E-02	1.4E-02	3.2E-09
826	0.00	4.3E-09	1.5E+01	7.5E-04	6.1E-04	6.7E-06	4.7E-02	1.4E-02	4.3E-09
827	0.00	2.8E-09	9.6E+00	7.5E-04	6.1E-04	4.4E-06	4.7E-02	1.4E-02	2.8E-09
828	0.00	3.7E-09	1.3E+01	7.5E-04	6.1E-04	5.7E-06	4.7E-02	1.4E-02	3.7E-09
829	0.01	5.0E-09	1.7E+01	7.5E-04	6.1E-04	7.8E-06	4.7E-02	1.4E-02	5.0E-09
830	0.00	3.1E-09	1.0E+01	7.5E-04	6.1E-04	4.7E-06	4.7E-02	1.4E-02	3.0E-09
831	0.00	4.0E-09	1.4E+01	7.5E-04	6.1E-04	6.2E-06	4.7E-02	1.4E-02	4.0E-09
832	0.01	5.6E-09	1.9E+01	7.5E-04	6.1E-04	8.7E-06	4.7E-02	1.4E-02	5.6E-09
833	0.00	3.2E-09	1.1E+01	7.5E-04	6.1E-04	5.0E-06	4.7E-02	1.4E-02	3.2E-09
834	0.00	4.3E-09	1.5E+01	7.5E-04	6.1E-04	6.6E-06	4.7E-02	1.4E-02	4.3E-09
835	0.01	6.1E-09	2.1E+01	7.5E-04	6.1E-04	9.4E-06	4.7E-02	1.4E-02	6.1E-09
836	0.00	3.3E-09	1.1E+01	7.5E-04	6.1E-04	5.2E-06	4.7E-02	1.4E-02	3.3E-09
837	0.00	4.4E-09	1.5E+01	7.5E-04	6.1E-04	6.8E-06	4.7E-02	1.4E-02	4.4E-09
838	0.01	6.3E-09	2.1E+01	7.5E-04	6.1E-04	9.7E-06	4.7E-02	1.4E-02	6.3E-09
839	0.00	3.4E-09	1.2E+01	7.5E-04	6.1E-04	5.3E-06	4.7E-02	1.4E-02	3.4E-09
840	0.00	4.5E-09	1.6E+01	7.5E-04	6.1E-04	7.0E-06	4.7E-02	1.4E-02	4.5E-09
841	0.01	6.4E-09	2.2E+01	7.5E-04	6.1E-04	1.0E-05	4.7E-02	1.4E-02	6.4E-09
842	0.00	3.5E-09	1.2E+01	7.5E-04	6.1E-04	5.4E-06	4.7E-02	1.4E-02	3.5E-09
843	0.00	4.7E-09	1.6E+01	7.5E-04	6.1E-04	7.2E-06	4.7E-02	1.4E-02	4.7E-09
844	0.01	6.7E-09	2.3E+01	7.5E-04	6.1E-04	1.0E-05	4.7E-02	1.4E-02	6.7E-09
845	0.00	3.4E-09	1.2E+01	7.5E-04	6.1E-04	5.3E-06	4.7E-02	1.4E-02	3.4E-09

846	0.00	4.7E-09	1.6E+01	7.5E-04	6.1E-04	7.2E-06	4.7E-02	1.4E-02	4.7E-09
847	0.01	6.7E-09	2.3E+01	7.5E-04	6.1E-04	1.0E-05	4.7E-02	1.4E-02	6.7E-09
848	0.00	3.4E-09	1.1E+01	7.5E-04	6.1E-04	5.2E-06	4.7E-02	1.4E-02	3.4E-09
849	0.00	4.6E-09	1.6E+01	7.5E-04	6.1E-04	7.0E-06	4.7E-02	1.4E-02	4.5E-09
850	0.01	6.6E-09	2.3E+01	7.5E-04	6.1E-04	1.0E-05	4.7E-02	1.4E-02	6.6E-09
851	0.00	3.6E-09	1.2E+01	7.5E-04	6.1E-04	5.6E-06	4.7E-02	1.4E-02	3.6E-09
852	0.00	5.0E-09	1.7E+01	7.5E-04	6.1E-04	7.7E-06	4.7E-02	1.4E-02	5.0E-09
853	0.01	7.4E-09	2.5E+01	7.5E-04	6.1E-04	1.1E-05	4.7E-02	1.4E-02	7.4E-09
854	0.01	1.1E-08	3.8E+01	7.5E-04	6.1E-04	1.7E-05	4.7E-02	1.4E-02	1.1E-08
855	0.01	1.2E-08	3.9E+01	7.5E-04	6.1E-04	1.8E-05	4.7E-02	1.4E-02	1.2E-08
856	0.00	3.4E-09	1.2E+01	7.5E-04	6.1E-04	5.3E-06	4.7E-02	1.4E-02	3.4E-09
857	0.00	4.7E-09	1.6E+01	7.5E-04	6.1E-04	7.3E-06	4.7E-02	1.4E-02	4.7E-09
858	0.01	6.9E-09	2.4E+01	7.5E-04	6.1E-04	1.1E-05	4.7E-02	1.4E-02	6.9E-09
859	0.01	1.1E-08	3.7E+01	7.5E-04	6.1E-04	1.7E-05	4.7E-02	1.4E-02	1.1E-08
860	0.01	1.0E-08	3.5E+01	7.5E-04	6.1E-04	1.6E-05	4.7E-02	1.4E-02	1.0E-08
861	0.00	3.2E-09	1.1E+01	7.5E-04	6.1E-04	5.0E-06	4.7E-02	1.4E-02	3.2E-09
862	0.00	4.4E-09	1.5E+01	7.5E-04	6.1E-04	6.8E-06	4.7E-02	1.4E-02	4.4E-09
863	0.01	6.2E-09	2.1E+01	7.5E-04	6.1E-04	9.6E-06	4.7E-02	1.4E-02	6.2E-09
864	0.01	9.5E-09	3.2E+01	7.5E-04	6.1E-04	1.5E-05	4.7E-02	1.4E-02	9.5E-09
865	0.01	9.5E-09	3.3E+01	7.5E-04	6.1E-04	1.5E-05	4.7E-02	1.4E-02	9.5E-09
866	0.00	3.8E-09	1.3E+01	7.5E-04	6.1E-04	5.8E-06	4.7E-02	1.4E-02	3.8E-09
867	0.00	4.5E-09	1.5E+01	7.5E-04	6.1E-04	6.9E-06	4.7E-02	1.4E-02	4.4E-09
868	0.01	6.3E-09	2.1E+01	7.5E-04	6.1E-04	9.7E-06	4.7E-02	1.4E-02	6.2E-09
869	0.01	9.3E-09	3.2E+01	7.5E-04	6.1E-04	1.4E-05	4.7E-02	1.4E-02	9.3E-09
870	0.01	5.2E-09	1.8E+01	7.5E-04	6.1E-04	8.1E-06	4.7E-02	1.4E-02	5.2E-09
871	0.01	7.6E-09	2.6E+01	7.5E-04	6.1E-04	1.2E-05	4.7E-02	1.4E-02	7.6E-09
872	0.01	1.0E-08	3.5E+01	7.5E-04	6.1E-04	1.6E-05	4.7E-02	1.4E-02	1.0E-08
873	0.00	0.0E+00		7.5E-04	6.1E-04	0.0E+00	4.7E-02	1.4E-02	0.0E+00

Franklin School Project

Risk From New Building Demo (Port. 1,3,4) - Mitigated School

Haul Route 1A							Haul Route 2A						
Conc	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
2.0E+01	1.9E-07	6.1E-04	2.3E-09	4.7E-02	1.4E-02	1.5E-12	9.9E+00	6.0E-07	6.1E-04	3.6E-09	4.7E-02	1.4E-02	2.3E-12
1.7E+01	1.9E-07	6.1E-04	1.9E-09	4.7E-02	1.4E-02	1.3E-12	9.6E+00	6.0E-07	6.1E-04	3.5E-09	4.7E-02	1.4E-02	2.3E-12
1.6E+01	1.9E-07	6.1E-04	1.9E-09	4.7E-02	1.4E-02	1.2E-12	8.4E+00	6.0E-07	6.1E-04	3.0E-09	4.7E-02	1.4E-02	2.0E-12
1.4E+01	1.9E-07	6.1E-04	1.6E-09	4.7E-02	1.4E-02	1.1E-12	8.2E+00	6.0E-07	6.1E-04	3.0E-09	4.7E-02	1.4E-02	1.9E-12
1.3E+01	1.9E-07	6.1E-04	1.5E-09	4.7E-02	1.4E-02	9.9E-13	7.2E+00	6.0E-07	6.1E-04	2.6E-09	4.7E-02	1.4E-02	1.7E-12
1.2E+01	1.9E-07	6.1E-04	1.4E-09	4.7E-02	1.4E-02	8.9E-13	7.1E+00	6.0E-07	6.1E-04	2.6E-09	4.7E-02	1.4E-02	1.7E-12
1.1E+01	1.9E-07	6.1E-04	1.3E-09	4.7E-02	1.4E-02	8.3E-13	6.2E+00	6.0E-07	6.1E-04	2.3E-09	4.7E-02	1.4E-02	1.5E-12
1.0E+01	1.9E-07	6.1E-04	1.2E-09	4.7E-02	1.4E-02	7.6E-13	6.2E+00	6.0E-07	6.1E-04	2.2E-09	4.7E-02	1.4E-02	1.4E-12
9.5E+00	1.9E-07	6.1E-04	1.1E-09	4.7E-02	1.4E-02	7.1E-13	5.4E+00	6.0E-07	6.1E-04	2.0E-09	4.7E-02	1.4E-02	1.3E-12
8.8E+00	1.9E-07	6.1E-04	1.0E-09	4.7E-02	1.4E-02	6.6E-13	5.4E+00	6.0E-07	6.1E-04	2.0E-09	4.7E-02	1.4E-02	1.3E-12
8.2E+00	1.9E-07	6.1E-04	9.4E-10	4.7E-02	1.4E-02	6.1E-13	4.8E+00	6.0E-07	6.1E-04	1.7E-09	4.7E-02	1.4E-02	1.1E-12
7.7E+00	1.9E-07	6.1E-04	8.8E-10	4.7E-02	1.4E-02	5.7E-13	4.8E+00	6.0E-07	6.1E-04	1.7E-09	4.7E-02	1.4E-02	1.1E-12
7.1E+00	1.9E-07	6.1E-04	8.1E-10	4.7E-02	1.4E-02	5.2E-13	4.3E+00	6.0E-07	6.1E-04	1.6E-09	4.7E-02	1.4E-02	1.0E-12
6.7E+00	1.9E-07	6.1E-04	7.7E-10	4.7E-02	1.4E-02	5.0E-13	4.3E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	1.4E-02	1.0E-12
3.2E+01	1.9E-07	6.1E-04	3.7E-09	4.7E-02	1.4E-02	2.4E-12	1.8E+01	6.0E-07	6.1E-04	6.5E-09	4.7E-02	1.4E-02	4.2E-12
6.9E+01	1.9E-07	6.1E-04	8.0E-09	4.7E-02	1.4E-02	5.2E-12	1.8E+01	6.0E-07	6.1E-04	6.7E-09	4.7E-02	1.4E-02	4.3E-12
4.7E+01	1.9E-07	6.1E-04	5.4E-09	4.7E-02	1.4E-02	3.5E-12	1.8E+01	6.0E-07	6.1E-04	6.6E-09	4.7E-02	1.4E-02	4.3E-12
2.2E+01	1.9E-07	6.1E-04	2.5E-09	4.7E-02	1.4E-02	1.6E-12	1.4E+01	6.0E-07	6.1E-04	5.1E-09	4.7E-02	1.4E-02	3.3E-12
5.0E+01	1.9E-07	6.1E-04	5.8E-09	4.7E-02	1.4E-02	3.7E-12	1.4E+01	6.0E-07	6.1E-04	5.3E-09	4.7E-02	1.4E-02	3.4E-12
3.7E+01	1.9E-07	6.1E-04	4.3E-09	4.7E-02	1.4E-02	2.8E-12	1.4E+01	6.0E-07	6.1E-04	5.3E-09	4.7E-02	1.4E-02	3.4E-12
4.4E+01	1.9E-07	6.1E-04	5.1E-09	4.7E-02	1.4E-02	3.3E-12	1.1E+01	6.0E-07	6.1E-04	4.1E-09	4.7E-02	1.4E-02	2.7E-12
3.6E+01	1.9E-07	6.1E-04	4.1E-09	4.7E-02	1.4E-02	2.7E-12	1.2E+01	6.0E-07	6.1E-04	4.3E-09	4.7E-02	1.4E-02	2.7E-12
2.9E+01	1.9E-07	6.1E-04	3.3E-09	4.7E-02	1.4E-02	2.1E-12	1.2E+01	6.0E-07	6.1E-04	4.3E-09	4.7E-02	1.4E-02	2.8E-12
3.0E+01	1.9E-07	6.1E-04	3.5E-09	4.7E-02	1.4E-02	2.2E-12	9.4E+00	6.0E-07	6.1E-04	3.4E-09	4.7E-02	1.4E-02	2.2E-12
2.6E+01	1.9E-07	6.1E-04	3.0E-09	4.7E-02	1.4E-02	1.9E-12	9.7E+00	6.0E-07	6.1E-04	3.5E-09	4.7E-02	1.4E-02	2.3E-12
2.2E+01	1.9E-07	6.1E-04	2.6E-09	4.7E-02	1.4E-02	1.7E-12	9.7E+00	6.0E-07	6.1E-04	3.5E-09	4.7E-02	1.4E-02	2.3E-12
2.2E+01	1.9E-07	6.1E-04	2.5E-09	4.7E-02	1.4E-02	1.6E-12	7.9E+00	6.0E-07	6.1E-04	2.9E-09	4.7E-02	1.4E-02	1.9E-12
2.0E+01	1.9E-07	6.1E-04	2.3E-09	4.7E-02	1.4E-02	1.5E-12	8.1E+00	6.0E-07	6.1E-04	2.9E-09	4.7E-02	1.4E-02	1.9E-12
1.8E+01	1.9E-07	6.1E-04	2.0E-09	4.7E-02	1.4E-02	1.3E-12	8.2E+00	6.0E-07	6.1E-04	3.0E-09	4.7E-02	1.4E-02	1.9E-12
1.7E+01	1.9E-07	6.1E-04	2.0E-09	4.7E-02	1.4E-02	1.3E-12	7.0E+00	6.0E-07	6.1E-04	2.5E-09	4.7E-02	1.4E-02	1.6E-12
1.6E+01	1.9E-07	6.1E-04	1.9E-09	4.7E-02	1.4E-02	1.2E-12	7.1E+00	6.0E-07	6.1E-04	2.6E-09	4.7E-02	1.4E-02	1.7E-12
1.5E+01	1.9E-07	6.1E-04	1.7E-09	4.7E-02	1.4E-02	1.1E-12	7.2E+00	6.0E-07	6.1E-04	2.6E-09	4.7E-02	1.4E-02	1.7E-12
1.4E+01	1.9E-07	6.1E-04	1.6E-09	4.7E-02	1.4E-02	1.0E-12	6.0E+00	6.0E-07	6.1E-04	2.2E-09	4.7E-02	1.4E-02	1.4E-12
1.3E+01	1.9E-07	6.1E-04	1.5E-09	4.7E-02	1.4E-02	9.7E-13	6.1E+00	6.0E-07	6.1E-04	2.2E-09	4.7E-02	1.4E-02	1.4E-12
1.2E+01	1.9E-07	6.1E-04	1.4E-09	4.7E-02	1.4E-02	9.1E-13	6.2E+00	6.0E-07	6.1E-04	2.3E-09	4.7E-02	1.4E-02	1.5E-12
1.1E+01	1.9E-07	6.1E-04	1.3E-09	4.7E-02	1.4E-02	8.2E-13	5.2E+00	6.0E-07	6.1E-04	1.9E-09	4.7E-02	1.4E-02	1.2E-12
1.1E+01	1.9E-07	6.1E-04	1.2E-09	4.7E-02	1.4E-02	8.0E-13	5.4E+00	6.0E-07	6.1E-04	1.9E-09	4.7E-02	1.4E-02	1.3E-12
1.0E+01	1.9E-07	6.1E-04	1.2E-09	4.7E-02	1.4E-02	7.6E-13	5.4E+00	6.0E-07	6.1E-04	2.0E-09	4.7E-02	1.4E-02	1.3E-12
9.1E+00	1.9E-07	6.1E-04	1.0E-09	4.7E-02	1.4E-02	6.8E-13	4.6E+00	6.0E-07	6.1E-04	1.7E-09	4.7E-02	1.4E-02	1.1E-12

8.9E+00	1.9E-07	6.1E-04	1.0E-09	4.7E-02	1.4E-02	6.6E-13	4.7E+00	6.0E-07	6.1E-04	1.7E-09	4.7E-02	1.4E-02	1.1E-12
8.6E+00	1.9E-07	6.1E-04	9.9E-10	4.7E-02	1.4E-02	6.4E-13	4.8E+00	6.0E-07	6.1E-04	1.7E-09	4.7E-02	1.4E-02	1.1E-12
7.7E+00	1.9E-07	6.1E-04	8.8E-10	4.7E-02	1.4E-02	5.7E-13	4.1E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	1.4E-02	9.6E-13
7.6E+00	1.9E-07	6.1E-04	8.7E-10	4.7E-02	1.4E-02	5.6E-13	4.2E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	1.4E-02	9.8E-13
7.4E+00	1.9E-07	6.1E-04	8.5E-10	4.7E-02	1.4E-02	5.5E-13	4.2E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	1.4E-02	9.9E-13
7.2E+00	1.9E-07	6.1E-04	8.3E-10	4.7E-02	1.4E-02	5.3E-13	3.9E+00	6.0E-07	6.1E-04	1.4E-09	4.7E-02	1.4E-02	9.2E-13
7.1E+00	1.9E-07	6.1E-04	8.1E-10	4.7E-02	1.4E-02	5.3E-13	4.0E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	1.4E-02	9.4E-13
6.9E+00	1.9E-07	6.1E-04	7.9E-10	4.7E-02	1.4E-02	5.1E-13	4.1E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	1.4E-02	9.5E-13
6.6E+00	1.9E-07	6.1E-04	7.6E-10	4.7E-02	1.4E-02	4.9E-13	4.1E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	1.4E-02	9.6E-13
6.3E+00	1.9E-07	6.1E-04	7.3E-10	4.7E-02	1.4E-02	4.7E-13	4.1E+00	6.0E-07	6.1E-04	1.5E-09	4.7E-02	1.4E-02	9.5E-13
6.2E+00	1.9E-07	6.1E-04	7.1E-10	4.7E-02	1.4E-02	4.6E-13	3.5E+00	6.0E-07	6.1E-04	1.3E-09	4.7E-02	1.4E-02	8.2E-13
6.1E+00	1.9E-07	6.1E-04	7.0E-10	4.7E-02	1.4E-02	4.5E-13	3.6E+00	6.0E-07	6.1E-04	1.3E-09	4.7E-02	1.4E-02	8.4E-13
6.0E+00	1.9E-07	6.1E-04	6.9E-10	4.7E-02	1.4E-02	4.5E-13	3.6E+00	6.0E-07	6.1E-04	1.3E-09	4.7E-02	1.4E-02	8.5E-13
5.8E+00	1.9E-07	6.1E-04	6.7E-10	4.7E-02	1.4E-02	4.3E-13	3.7E+00	6.0E-07	6.1E-04	1.3E-09	4.7E-02	1.4E-02	8.6E-13
5.6E+00	1.9E-07	6.1E-04	6.4E-10	4.7E-02	1.4E-02	4.1E-13	3.7E+00	6.0E-07	6.1E-04	1.3E-09	4.7E-02	1.4E-02	8.6E-13
5.4E+00	1.9E-07	6.1E-04	6.2E-10	4.7E-02	1.4E-02	4.0E-13	3.2E+00	6.0E-07	6.1E-04	1.1E-09	4.7E-02	1.4E-02	7.4E-13
5.3E+00	1.9E-07	6.1E-04	6.2E-10	4.7E-02	1.4E-02	4.0E-13	3.2E+00	6.0E-07	6.1E-04	1.2E-09	4.7E-02	1.4E-02	7.6E-13
5.3E+00	1.9E-07	6.1E-04	6.1E-10	4.7E-02	1.4E-02	3.9E-13	3.3E+00	6.0E-07	6.1E-04	1.2E-09	4.7E-02	1.4E-02	7.7E-13
5.1E+00	1.9E-07	6.1E-04	5.9E-10	4.7E-02	1.4E-02	3.8E-13	3.3E+00	6.0E-07	6.1E-04	1.2E-09	4.7E-02	1.4E-02	7.7E-13
5.0E+00	1.9E-07	6.1E-04	5.7E-10	4.7E-02	1.4E-02	3.7E-13	3.3E+00	6.0E-07	6.1E-04	1.2E-09	4.7E-02	1.4E-02	7.7E-13
4.6E+01	1.9E-07	6.1E-04	5.2E-09	4.7E-02	1.4E-02	3.4E-12	1.9E+01	6.0E-07	6.1E-04	6.9E-09	4.7E-02	1.4E-02	4.5E-12
3.7E+01	1.9E-07	6.1E-04	4.2E-09	4.7E-02	1.4E-02	2.7E-12	1.5E+01	6.0E-07	6.1E-04	5.5E-09	4.7E-02	1.4E-02	3.5E-12
2.9E+01	1.9E-07	6.1E-04	3.3E-09	4.7E-02	1.4E-02	2.1E-12	1.5E+01	6.0E-07	6.1E-04	5.3E-09	4.7E-02	1.4E-02	3.4E-12
2.3E+01	1.9E-07	6.1E-04	2.7E-09	4.7E-02	1.4E-02	1.7E-12	1.4E+01	6.0E-07	6.1E-04	5.0E-09	4.7E-02	1.4E-02	3.2E-12
2.9E+01	1.9E-07	6.1E-04	3.3E-09	4.7E-02	1.4E-02	2.2E-12	1.2E+01	6.0E-07	6.1E-04	4.4E-09	4.7E-02	1.4E-02	2.9E-12
2.4E+01	1.9E-07	6.1E-04	2.7E-09	4.7E-02	1.4E-02	1.8E-12	1.2E+01	6.0E-07	6.1E-04	4.3E-09	4.7E-02	1.4E-02	2.8E-12
2.0E+01	1.9E-07	6.1E-04	2.3E-09	4.7E-02	1.4E-02	1.5E-12	1.1E+01	6.0E-07	6.1E-04	4.2E-09	4.7E-02	1.4E-02	2.7E-12
0.0E+00	1.9E-07	6.1E-04	0.0E+00	4.7E-02	1.4E-02	0.0E+00	0.0E+00	6.0E-07	6.1E-04	0.0E+00	4.7E-02	1.4E-02	0.0E+00

Franklin School Project

Risk From New Building Demo (Port. 1,3,4) - Mitigated School

Haul Route 1A							Haul Route 2A						
Conc	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**	**Conc**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
9.9E+00	1.2E-06	6.1E-04	7.4E-09	4.7E-02	1.4E-02	4.8E-12	8.5E-01	1.3E-07	6.1E-04	6.8E-11	4.7E-02	1.4E-02	4.4E-14
9.6E+00	1.2E-06	6.1E-04	7.2E-09	4.7E-02	1.4E-02	4.6E-12	8.3E-01	1.3E-07	6.1E-04	6.7E-11	4.7E-02	1.4E-02	4.3E-14
8.4E+00	1.2E-06	6.1E-04	6.3E-09	4.7E-02	1.4E-02	4.0E-12	8.2E-01	1.3E-07	6.1E-04	6.5E-11	4.7E-02	1.4E-02	4.2E-14
8.2E+00	1.2E-06	6.1E-04	6.1E-09	4.7E-02	1.4E-02	4.0E-12	8.0E-01	1.3E-07	6.1E-04	6.4E-11	4.7E-02	1.4E-02	4.1E-14
7.2E+00	1.2E-06	6.1E-04	5.4E-09	4.7E-02	1.4E-02	3.5E-12	7.8E-01	1.3E-07	6.1E-04	6.3E-11	4.7E-02	1.4E-02	4.1E-14
7.1E+00	1.2E-06	6.1E-04	5.3E-09	4.7E-02	1.4E-02	3.4E-12	7.7E-01	1.3E-07	6.1E-04	6.1E-11	4.7E-02	1.4E-02	4.0E-14
6.2E+00	1.2E-06	6.1E-04	4.6E-09	4.7E-02	1.4E-02	3.0E-12	7.5E-01	1.3E-07	6.1E-04	6.0E-11	4.7E-02	1.4E-02	3.9E-14
6.2E+00	1.2E-06	6.1E-04	4.6E-09	4.7E-02	1.4E-02	3.0E-12	7.4E-01	1.3E-07	6.1E-04	5.9E-11	4.7E-02	1.4E-02	3.8E-14
5.4E+00	1.2E-06	6.1E-04	4.1E-09	4.7E-02	1.4E-02	2.6E-12	7.2E-01	1.3E-07	6.1E-04	5.8E-11	4.7E-02	1.4E-02	3.7E-14
5.4E+00	1.2E-06	6.1E-04	4.0E-09	4.7E-02	1.4E-02	2.6E-12	7.1E-01	1.3E-07	6.1E-04	5.7E-11	4.7E-02	1.4E-02	3.7E-14
4.8E+00	1.2E-06	6.1E-04	3.6E-09	4.7E-02	1.4E-02	2.3E-12	7.0E-01	1.3E-07	6.1E-04	5.6E-11	4.7E-02	1.4E-02	3.6E-14
4.8E+00	1.2E-06	6.1E-04	3.6E-09	4.7E-02	1.4E-02	2.3E-12	6.8E-01	1.3E-07	6.1E-04	5.5E-11	4.7E-02	1.4E-02	3.5E-14
4.3E+00	1.2E-06	6.1E-04	3.2E-09	4.7E-02	1.4E-02	2.1E-12	6.7E-01	1.3E-07	6.1E-04	5.4E-11	4.7E-02	1.4E-02	3.5E-14
4.3E+00	1.2E-06	6.1E-04	3.2E-09	4.7E-02	1.4E-02	2.1E-12	6.6E-01	1.3E-07	6.1E-04	5.3E-11	4.7E-02	1.4E-02	3.4E-14
1.8E+01	1.2E-06	6.1E-04	1.3E-08	4.7E-02	1.4E-02	8.7E-12	1.0E+00	1.3E-07	6.1E-04	8.2E-11	4.7E-02	1.4E-02	5.3E-14
1.8E+01	1.2E-06	6.1E-04	1.4E-08	4.7E-02	1.4E-02	8.9E-12	1.0E+00	1.3E-07	6.1E-04	8.0E-11	4.7E-02	1.4E-02	5.2E-14
1.8E+01	1.2E-06	6.1E-04	1.4E-08	4.7E-02	1.4E-02	8.8E-12	9.8E-01	1.3E-07	6.1E-04	7.9E-11	4.7E-02	1.4E-02	5.1E-14
1.4E+01	1.2E-06	6.1E-04	1.1E-08	4.7E-02	1.4E-02	6.8E-12	9.8E-01	1.3E-07	6.1E-04	7.8E-11	4.7E-02	1.4E-02	5.1E-14
1.4E+01	1.2E-06	6.1E-04	1.1E-08	4.7E-02	1.4E-02	7.0E-12	9.6E-01	1.3E-07	6.1E-04	7.7E-11	4.7E-02	1.4E-02	5.0E-14
1.4E+01	1.2E-06	6.1E-04	1.1E-08	4.7E-02	1.4E-02	7.0E-12	9.4E-01	1.3E-07	6.1E-04	7.5E-11	4.7E-02	1.4E-02	4.9E-14
1.1E+01	1.2E-06	6.1E-04	8.5E-09	4.7E-02	1.4E-02	5.5E-12	9.4E-01	1.3E-07	6.1E-04	7.5E-11	4.7E-02	1.4E-02	4.8E-14
1.2E+01	1.2E-06	6.1E-04	8.7E-09	4.7E-02	1.4E-02	5.6E-12	9.2E-01	1.3E-07	6.1E-04	7.4E-11	4.7E-02	1.4E-02	4.8E-14
1.2E+01	1.2E-06	6.1E-04	8.8E-09	4.7E-02	1.4E-02	5.7E-12	9.0E-01	1.3E-07	6.1E-04	7.2E-11	4.7E-02	1.4E-02	4.7E-14
9.4E+00	1.2E-06	6.1E-04	7.0E-09	4.7E-02	1.4E-02	4.5E-12	9.0E-01	1.3E-07	6.1E-04	7.2E-11	4.7E-02	1.4E-02	4.6E-14
9.7E+00	1.2E-06	6.1E-04	7.2E-09	4.7E-02	1.4E-02	4.6E-12	8.8E-01	1.3E-07	6.1E-04	7.0E-11	4.7E-02	1.4E-02	4.5E-14
9.7E+00	1.2E-06	6.1E-04	7.2E-09	4.7E-02	1.4E-02	4.7E-12	8.6E-01	1.3E-07	6.1E-04	6.9E-11	4.7E-02	1.4E-02	4.5E-14
7.9E+00	1.2E-06	6.1E-04	5.9E-09	4.7E-02	1.4E-02	3.8E-12	8.6E-01	1.3E-07	6.1E-04	6.9E-11	4.7E-02	1.4E-02	4.4E-14
8.1E+00	1.2E-06	6.1E-04	6.0E-09	4.7E-02	1.4E-02	3.9E-12	8.4E-01	1.3E-07	6.1E-04	6.7E-11	4.7E-02	1.4E-02	4.4E-14
8.2E+00	1.2E-06	6.1E-04	6.1E-09	4.7E-02	1.4E-02	3.9E-12	8.3E-01	1.3E-07	6.1E-04	6.6E-11	4.7E-02	1.4E-02	4.3E-14
7.0E+00	1.2E-06	6.1E-04	5.2E-09	4.7E-02	1.4E-02	3.3E-12	8.3E-01	1.3E-07	6.1E-04	6.6E-11	4.7E-02	1.4E-02	4.3E-14
7.1E+00	1.2E-06	6.1E-04	5.3E-09	4.7E-02	1.4E-02	3.4E-12	8.1E-01	1.3E-07	6.1E-04	6.5E-11	4.7E-02	1.4E-02	4.2E-14
7.2E+00	1.2E-06	6.1E-04	5.4E-09	4.7E-02	1.4E-02	3.5E-12	8.0E-01	1.3E-07	6.1E-04	6.4E-11	4.7E-02	1.4E-02	4.1E-14
6.0E+00	1.2E-06	6.1E-04	4.5E-09	4.7E-02	1.4E-02	2.9E-12	7.9E-01	1.3E-07	6.1E-04	6.4E-11	4.7E-02	1.4E-02	4.1E-14
6.1E+00	1.2E-06	6.1E-04	4.6E-09	4.7E-02	1.4E-02	3.0E-12	7.8E-01	1.3E-07	6.1E-04	6.3E-11	4.7E-02	1.4E-02	4.0E-14
6.2E+00	1.2E-06	6.1E-04	4.6E-09	4.7E-02	1.4E-02	3.0E-12	7.7E-01	1.3E-07	6.1E-04	6.2E-11	4.7E-02	1.4E-02	4.0E-14
5.2E+00	1.2E-06	6.1E-04	3.9E-09	4.7E-02	1.4E-02	2.5E-12	7.6E-01	1.3E-07	6.1E-04	6.1E-11	4.7E-02	1.4E-02	3.9E-14
5.4E+00	1.2E-06	6.1E-04	4.0E-09	4.7E-02	1.4E-02	2.6E-12	7.5E-01	1.3E-07	6.1E-04	6.0E-11	4.7E-02	1.4E-02	3.9E-14
5.4E+00	1.2E-06	6.1E-04	4.0E-09	4.7E-02	1.4E-02	2.6E-12	7.4E-01	1.3E-07	6.1E-04	5.9E-11	4.7E-02	1.4E-02	3.8E-14
4.6E+00	1.2E-06	6.1E-04	3.4E-09	4.7E-02	1.4E-02	2.2E-12	7.3E-01	1.3E-07	6.1E-04	5.9E-11	4.7E-02	1.4E-02	3.8E-14

4.7E+00	1.2E-06	6.1E-04	3.5E-09	4.7E-02	1.4E-02	2.3E-12	7.2E-01	1.3E-07	6.1E-04	5.8E-11	4.7E-02	1.4E-02	3.7E-14
4.8E+00	1.2E-06	6.1E-04	3.6E-09	4.7E-02	1.4E-02	2.3E-12	7.1E-01	1.3E-07	6.1E-04	5.7E-11	4.7E-02	1.4E-02	3.7E-14
4.1E+00	1.2E-06	6.1E-04	3.0E-09	4.7E-02	1.4E-02	2.0E-12	7.0E-01	1.3E-07	6.1E-04	5.6E-11	4.7E-02	1.4E-02	3.6E-14
4.2E+00	1.2E-06	6.1E-04	3.1E-09	4.7E-02	1.4E-02	2.0E-12	6.9E-01	1.3E-07	6.1E-04	5.6E-11	4.7E-02	1.4E-02	3.6E-14
4.2E+00	1.2E-06	6.1E-04	3.2E-09	4.7E-02	1.4E-02	2.0E-12	6.8E-01	1.3E-07	6.1E-04	5.5E-11	4.7E-02	1.4E-02	3.5E-14
3.9E+00	1.2E-06	6.1E-04	2.9E-09	4.7E-02	1.4E-02	1.9E-12	6.9E-01	1.3E-07	6.1E-04	5.5E-11	4.7E-02	1.4E-02	3.6E-14
4.0E+00	1.2E-06	6.1E-04	3.0E-09	4.7E-02	1.4E-02	1.9E-12	6.8E-01	1.3E-07	6.1E-04	5.5E-11	4.7E-02	1.4E-02	3.5E-14
4.1E+00	1.2E-06	6.1E-04	3.0E-09	4.7E-02	1.4E-02	2.0E-12	6.7E-01	1.3E-07	6.1E-04	5.4E-11	4.7E-02	1.4E-02	3.5E-14
4.1E+00	1.2E-06	6.1E-04	3.0E-09	4.7E-02	1.4E-02	2.0E-12	6.6E-01	1.3E-07	6.1E-04	5.3E-11	4.7E-02	1.4E-02	3.4E-14
4.1E+00	1.2E-06	6.1E-04	3.0E-09	4.7E-02	1.4E-02	2.0E-12	6.5E-01	1.3E-07	6.1E-04	5.2E-11	4.7E-02	1.4E-02	3.4E-14
3.5E+00	1.2E-06	6.1E-04	2.6E-09	4.7E-02	1.4E-02	1.7E-12	6.6E-01	1.3E-07	6.1E-04	5.3E-11	4.7E-02	1.4E-02	3.4E-14
3.6E+00	1.2E-06	6.1E-04	2.7E-09	4.7E-02	1.4E-02	1.7E-12	6.5E-01	1.3E-07	6.1E-04	5.2E-11	4.7E-02	1.4E-02	3.4E-14
3.6E+00	1.2E-06	6.1E-04	2.7E-09	4.7E-02	1.4E-02	1.7E-12	6.5E-01	1.3E-07	6.1E-04	5.2E-11	4.7E-02	1.4E-02	3.3E-14
3.7E+00	1.2E-06	6.1E-04	2.7E-09	4.7E-02	1.4E-02	1.8E-12	6.4E-01	1.3E-07	6.1E-04	5.1E-11	4.7E-02	1.4E-02	3.3E-14
3.7E+00	1.2E-06	6.1E-04	2.7E-09	4.7E-02	1.4E-02	1.8E-12	6.2E-01	1.3E-07	6.1E-04	5.0E-11	4.7E-02	1.4E-02	3.2E-14
3.2E+00	1.2E-06	6.1E-04	2.4E-09	4.7E-02	1.4E-02	1.5E-12	6.4E-01	1.3E-07	6.1E-04	5.1E-11	4.7E-02	1.4E-02	3.3E-14
3.2E+00	1.2E-06	6.1E-04	2.4E-09	4.7E-02	1.4E-02	1.6E-12	6.3E-01	1.3E-07	6.1E-04	5.1E-11	4.7E-02	1.4E-02	3.3E-14
3.3E+00	1.2E-06	6.1E-04	2.4E-09	4.7E-02	1.4E-02	1.6E-12	6.2E-01	1.3E-07	6.1E-04	5.0E-11	4.7E-02	1.4E-02	3.2E-14
3.3E+00	1.2E-06	6.1E-04	2.5E-09	4.7E-02	1.4E-02	1.6E-12	6.1E-01	1.3E-07	6.1E-04	4.9E-11	4.7E-02	1.4E-02	3.2E-14
3.3E+00	1.2E-06	6.1E-04	2.5E-09	4.7E-02	1.4E-02	1.6E-12	6.0E-01	1.3E-07	6.1E-04	4.8E-11	4.7E-02	1.4E-02	3.1E-14
1.9E+01	1.2E-06	6.1E-04	1.4E-08	4.7E-02	1.4E-02	9.2E-12	9.9E-01	1.3E-07	6.1E-04	7.9E-11	4.7E-02	1.4E-02	5.1E-14
1.5E+01	1.2E-06	6.1E-04	1.1E-08	4.7E-02	1.4E-02	7.3E-12	9.4E-01	1.3E-07	6.1E-04	7.6E-11	4.7E-02	1.4E-02	4.9E-14
1.5E+01	1.2E-06	6.1E-04	1.1E-08	4.7E-02	1.4E-02	7.0E-12	9.2E-01	1.3E-07	6.1E-04	7.4E-11	4.7E-02	1.4E-02	4.8E-14
1.4E+01	1.2E-06	6.1E-04	1.0E-08	4.7E-02	1.4E-02	6.7E-12	9.0E-01	1.3E-07	6.1E-04	7.2E-11	4.7E-02	1.4E-02	4.7E-14
1.2E+01	1.2E-06	6.1E-04	9.1E-09	4.7E-02	1.4E-02	5.9E-12	9.0E-01	1.3E-07	6.1E-04	7.2E-11	4.7E-02	1.4E-02	4.7E-14
1.2E+01	1.2E-06	6.1E-04	8.9E-09	4.7E-02	1.4E-02	5.7E-12	8.8E-01	1.3E-07	6.1E-04	7.1E-11	4.7E-02	1.4E-02	4.6E-14
1.1E+01	1.2E-06	6.1E-04	8.5E-09	4.7E-02	1.4E-02	5.5E-12	8.6E-01	1.3E-07	6.1E-04	6.9E-11	4.7E-02	1.4E-02	4.5E-14
0.0E+00	1.2E-06	6.1E-04	0.0E+00	4.7E-02	1.4E-02	0.0E+00	0.0E+00	1.3E-07	6.1E-04	0.0E+00	4.7E-02	1.4E-02	0.0E+00

7. Construction Health Risk
g.AERMOD Output

```
** Lakes Environmental AERMOD MPI
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.6.5
** Lakes Environmental Software Inc.
** Date: 7/10/2019
** File: C:\Lakes\AERMOD View\AERMOD Projects\Franklin School\Franklin School.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\AERMOD Projects\Franklin School\Franklin School
   MODELOPT DFAULT CONC
   AVERTIME ANNUAL
   URBANOPT 3337685 US_Census_Bureau_July_1,_2017_SD_County
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "Franklin School.err"
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ------------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = HAUL1A
** DESCRSRC Copeland from Site to Mead
** PREFIX
** Length of Side = 12.19
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 2
** 490259.771, 3624430.848, 113.81, 3.05, 11.34
** 490259.100, 3624362.365, 113.55, 3.05, 11.34
** ------------------------------------------------------------------------
   LOCATION L0000001     VOLUME   490259.711 3624424.752 113.81
   LOCATION L0000002     VOLUME   490259.472 3624400.369 113.69
   LOCATION L0000003     VOLUME   490259.233 3624375.986 113.37
** End of LINE VOLUME Source ID = HAUL1A
** ------------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = HAULB
** DESCRSRC Copeland from Meade Ave to El Cajon Boulevard
** PREFIX
** Length of Side = 12.19
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 2
** 490259.100, 3624363.708, 113.55, 3.05, 11.34
** 490258.428, 3624147.519, 113.51, 3.05, 11.34
** ------------------------------------------------------------------------
   LOCATION L0000016     VOLUME   490259.081 3624357.612 113.50
   LOCATION L0000017     VOLUME   490259.005 3624333.228 113.46
   LOCATION L0000018     VOLUME   490258.929 3624308.844 113.46
   LOCATION L0000019     VOLUME   490258.854 3624284.460 113.44
   LOCATION L0000020     VOLUME   490258.778 3624260.077 113.41
   LOCATION L0000021     VOLUME   490258.702 3624235.693 113.38
   LOCATION L0000022     VOLUME   490258.626 3624211.309 113.35
   LOCATION L0000023     VOLUME   490258.551 3624186.925 113.36
   LOCATION L0000024     VOLUME   490258.475 3624162.541 113.40
** End of LINE VOLUME Source ID = HAULB
** ------------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = HAULC
** DESCRSRC El Cajon from Copeland to the I-15
** PREFIX
** Length of Side = 28.96
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 2
** 490259.100, 3624147.854, 113.51, 3.05, 26.94
** 489815.307, 3624152.554, 113.99, 3.05, 26.94
** ------------------------------------------------------------------------
   LOCATION L0000025     VOLUME   490244.622 3624148.008 113.51
   LOCATION L0000026     VOLUME   490186.714 3624148.621 113.69
   LOCATION L0000027     VOLUME   490128.805 3624149.234 113.88
   LOCATION L0000028     VOLUME   490070.896 3624149.847 113.99
   LOCATION L0000029     VOLUME   490012.987 3624150.461 113.99
   LOCATION L0000030     VOLUME   489955.079 3624151.074 113.86
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   LOCATION L0000031     VOLUME   489897.170 3624151.687 113.87
   LOCATION L0000032     VOLUME   489839.261 3624152.300 113.92
** End of LINE VOLUME Source ID = HAULC
** ------------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = HAUL2A
** DESCRSRC Meade Ave from Site to Copeland
** PREFIX
** Length of Side = 15.24
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 2
** 490305.426, 3624362.030, 112.95, 3.05, 14.18
** 490257.757, 3624362.030, 113.56, 3.05, 14.18
** ------------------------------------------------------------------------
   LOCATION L0000033     VOLUME   490297.806 3624362.030 113.12
   LOCATION L0000034     VOLUME   490267.326 3624362.030 113.47
** End of LINE VOLUME Source ID = HAUL2A
** ------------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = MOD
** DESCRSRC Modernization
** PREFIX
** Length of Side = 6.10
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 6
** 490317.511, 3624541.292, 110.74, 5.00, 5.67
** 490279.913, 3624541.292, 112.61, 5.00, 5.67
** 490279.913, 3624435.212, 113.76, 5.00, 5.67
** 490291.327, 3624435.212, 113.51, 5.00, 5.67
** 490291.998, 3624531.893, 112.06, 5.00, 5.67
** 490314.826, 3624531.893, 111.00, 5.00, 5.67
** ------------------------------------------------------------------------
   LOCATION L0000481     VOLUME   490314.463 3624541.292 110.85
   LOCATION L0000482     VOLUME   490302.271 3624541.292 111.48
   LOCATION L0000483     VOLUME   490290.079 3624541.292 112.05
   LOCATION L0000484     VOLUME   490279.913 3624539.266 112.68
   LOCATION L0000485     VOLUME   490279.913 3624527.074 112.90
   LOCATION L0000486     VOLUME   490279.913 3624514.882 113.13
   LOCATION L0000487     VOLUME   490279.913 3624502.690 113.20
   LOCATION L0000488     VOLUME   490279.913 3624490.498 113.42
   LOCATION L0000489     VOLUME   490279.913 3624478.306 113.62
   LOCATION L0000490     VOLUME   490279.913 3624466.114 113.58
   LOCATION L0000491     VOLUME   490279.913 3624453.922 113.60
   LOCATION L0000492     VOLUME   490279.913 3624441.730 113.77
   LOCATION L0000493     VOLUME   490285.586 3624435.212 113.74
   LOCATION L0000494     VOLUME   490291.371 3624441.663 113.61
   LOCATION L0000495     VOLUME   490291.456 3624453.855 113.39
   LOCATION L0000496     VOLUME   490291.541 3624466.047 113.39
   LOCATION L0000497     VOLUME   490291.625 3624478.238 113.32
   LOCATION L0000498     VOLUME   490291.710 3624490.430 113.22
   LOCATION L0000499     VOLUME   490291.795 3624502.622 112.89
   LOCATION L0000500     VOLUME   490291.879 3624514.813 112.59
   LOCATION L0000501     VOLUME   490291.964 3624527.005 112.28
   LOCATION L0000502     VOLUME   490299.302 3624531.893 111.78
   LOCATION L0000503     VOLUME   490311.494 3624531.893 111.29
** End of LINE VOLUME Source ID = MOD
** ------------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = NB1
** DESCRSRC Demolition & Grading
** PREFIX
** Length of Side = 6.10
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 16
** 490391.365, 3624543.978, 110.46, 5.00, 5.67
** 490323.554, 3624544.649, 110.58, 5.00, 5.67
** 490323.554, 3624529.207, 110.97, 5.00, 5.67
** 490389.350, 3624530.550, 110.33, 5.00, 5.67
** 490378.608, 3624513.765, 110.15, 5.00, 5.67
** 490320.868, 3624513.765, 111.29, 5.00, 5.67
** 490321.539, 3624497.652, 111.23, 5.00, 5.67
** 490362.495, 3624496.309, 109.10, 5.00, 5.67
** 490348.395, 3624478.852, 110.21, 5.00, 5.67
** 490321.539, 3624478.852, 111.36, 5.00, 5.67
** 490321.539, 3624461.396, 111.39, 5.00, 5.67
** 490347.724, 3624461.396, 110.41, 5.00, 5.67
** 490347.724, 3624432.526, 111.91, 5.00, 5.67
** 490339.667, 3624432.526, 112.63, 5.00, 5.67
** 490338.996, 3624451.325, 111.27, 5.00, 5.67
** 490320.197, 3624450.654, 112.09, 5.00, 5.67
** ------------------------------------------------------------------------
   LOCATION L0000444     VOLUME   490388.317 3624544.008 110.55
   LOCATION L0000445     VOLUME   490376.125 3624544.129 110.59
   LOCATION L0000446     VOLUME   490363.934 3624544.249 110.22
   LOCATION L0000447     VOLUME   490351.743 3624544.370 110.11
   LOCATION L0000448     VOLUME   490339.551 3624544.491 110.25
   LOCATION L0000449     VOLUME   490327.360 3624544.612 110.55
   LOCATION L0000450     VOLUME   490323.554 3624536.264 110.79
   LOCATION L0000451     VOLUME   490328.688 3624529.312 110.83
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   LOCATION L0000452     VOLUME   490340.878 3624529.561 110.55
   LOCATION L0000453     VOLUME   490353.067 3624529.809 110.51
   LOCATION L0000454     VOLUME   490365.257 3624530.058 110.54
   LOCATION L0000455     VOLUME   490377.446 3624530.307 110.53
   LOCATION L0000456     VOLUME   490389.197 3624530.310 110.16
   LOCATION L0000457     VOLUME   490382.625 3624520.041 110.29
   LOCATION L0000458     VOLUME   490373.867 3624513.765 110.10
   LOCATION L0000459     VOLUME   490361.675 3624513.765 110.22
   LOCATION L0000460     VOLUME   490349.483 3624513.765 110.33
   LOCATION L0000461     VOLUME   490337.291 3624513.765 110.53
   LOCATION L0000462     VOLUME   490325.099 3624513.765 110.91
   LOCATION L0000463     VOLUME   490321.199 3624505.811 111.35
   LOCATION L0000464     VOLUME   490325.563 3624497.520 110.71
   LOCATION L0000465     VOLUME   490337.748 3624497.120 110.37
   LOCATION L0000466     VOLUME   490349.934 3624496.721 110.26
   LOCATION L0000467     VOLUME   490362.119 3624496.321 109.92
   LOCATION L0000468     VOLUME   490355.070 3624487.116 109.59
   LOCATION L0000469     VOLUME   490346.826 3624478.852 110.36
   LOCATION L0000470     VOLUME   490334.634 3624478.852 110.53
   LOCATION L0000471     VOLUME   490322.442 3624478.852 111.32
   LOCATION L0000472     VOLUME   490321.539 3624467.563 111.57
   LOCATION L0000473     VOLUME   490327.564 3624461.396 110.85
   LOCATION L0000474     VOLUME   490339.756 3624461.396 110.78
   LOCATION L0000475     VOLUME   490347.724 3624457.172 110.04
   LOCATION L0000476     VOLUME   490347.724 3624444.980 110.93
   LOCATION L0000477     VOLUME   490347.724 3624432.788 111.07
   LOCATION L0000478     VOLUME   490339.529 3624436.397 112.66
   LOCATION L0000479     VOLUME   490339.094 3624448.582 112.03
   LOCATION L0000480     VOLUME   490329.555 3624450.988 111.58
** End of LINE VOLUME Source ID = NB1
** ------------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = NB3
** DESCRSRC Paving
** PREFIX
** Length of Side = 6.10
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 16
** 490391.365, 3624543.978, 110.46, 5.00, 5.67
** 490323.554, 3624544.649, 110.58, 5.00, 5.67
** 490323.554, 3624529.207, 110.97, 5.00, 5.67
** 490389.350, 3624530.550, 110.33, 5.00, 5.67
** 490378.608, 3624513.765, 110.15, 5.00, 5.67
** 490298.712, 3624513.765, 112.38, 5.00, 5.67
** 490298.041, 3624497.652, 112.89, 5.00, 5.67
** 490362.495, 3624496.309, 109.10, 5.00, 5.67
** 490348.395, 3624478.852, 110.21, 5.00, 5.67
** 490299.383, 3624478.181, 113.07, 5.00, 5.67
** 490300.726, 3624460.725, 113.04, 5.00, 5.67
** 490347.724, 3624461.396, 110.41, 5.00, 5.67
** 490347.724, 3624432.526, 111.91, 5.00, 5.67
** 490339.667, 3624432.526, 112.63, 5.00, 5.67
** 490338.996, 3624451.325, 111.27, 5.00, 5.67
** 490320.197, 3624450.654, 112.09, 5.00, 5.67
** ------------------------------------------------------------------------
   LOCATION L0000399     VOLUME   490388.317 3624544.008 110.55
   LOCATION L0000400     VOLUME   490376.125 3624544.129 110.59
   LOCATION L0000401     VOLUME   490363.934 3624544.249 110.22
   LOCATION L0000402     VOLUME   490351.743 3624544.370 110.11
   LOCATION L0000403     VOLUME   490339.551 3624544.491 110.25
   LOCATION L0000404     VOLUME   490327.360 3624544.612 110.55
   LOCATION L0000405     VOLUME   490323.554 3624536.264 110.79
   LOCATION L0000406     VOLUME   490328.688 3624529.312 110.83
   LOCATION L0000407     VOLUME   490340.878 3624529.561 110.55
   LOCATION L0000408     VOLUME   490353.067 3624529.809 110.51
   LOCATION L0000409     VOLUME   490365.257 3624530.058 110.54
   LOCATION L0000410     VOLUME   490377.446 3624530.307 110.53
   LOCATION L0000411     VOLUME   490389.197 3624530.310 110.16
   LOCATION L0000412     VOLUME   490382.625 3624520.041 110.29
   LOCATION L0000413     VOLUME   490373.867 3624513.765 110.10
   LOCATION L0000414     VOLUME   490361.675 3624513.765 110.22
   LOCATION L0000415     VOLUME   490349.483 3624513.765 110.33
   LOCATION L0000416     VOLUME   490337.291 3624513.765 110.53
   LOCATION L0000417     VOLUME   490325.099 3624513.765 110.91
   LOCATION L0000418     VOLUME   490312.907 3624513.765 111.97
   LOCATION L0000419     VOLUME   490300.715 3624513.765 112.15
   LOCATION L0000420     VOLUME   490298.288 3624503.585 112.57
   LOCATION L0000421     VOLUME   490304.293 3624497.521 112.51
   LOCATION L0000422     VOLUME   490316.482 3624497.267 112.31
   LOCATION L0000423     VOLUME   490328.671 3624497.013 110.60
   LOCATION L0000424     VOLUME   490340.861 3624496.759 110.33
   LOCATION L0000425     VOLUME   490353.050 3624496.506 110.28
   LOCATION L0000426     VOLUME   490360.770 3624494.173 109.96
   LOCATION L0000427     VOLUME   490353.109 3624484.688 109.78
   LOCATION L0000428     VOLUME   490343.706 3624478.788 110.43
   LOCATION L0000429     VOLUME   490331.515 3624478.621 110.59
   LOCATION L0000430     VOLUME   490319.324 3624478.454 112.01
   LOCATION L0000431     VOLUME   490307.133 3624478.287 112.73
   LOCATION L0000432     VOLUME   490299.724 3624473.752 112.85
   LOCATION L0000433     VOLUME   490300.659 3624461.596 113.06
   LOCATION L0000434     VOLUME   490312.043 3624460.886 112.87
   LOCATION L0000435     VOLUME   490324.234 3624461.061 111.06
   LOCATION L0000436     VOLUME   490336.424 3624461.235 110.80
   LOCATION L0000437     VOLUME   490347.724 3624460.505 109.98
   LOCATION L0000438     VOLUME   490347.724 3624448.313 110.64
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   LOCATION L0000439     VOLUME   490347.724 3624436.121 111.05
   LOCATION L0000440     VOLUME   490339.648 3624433.066 112.61
   LOCATION L0000441     VOLUME   490339.213 3624445.251 112.59
   LOCATION L0000442     VOLUME   490332.886 3624451.107 111.58
   LOCATION L0000443     VOLUME   490320.702 3624450.672 112.24
** End of LINE VOLUME Source ID = NB3
** ------------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = NB2
** DESCRSRC Building Construction and Arch Coating
** PREFIX
** Length of Side = 6.10
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 6
** 490329.596, 3624545.321, 110.47, 5.00, 5.67
** 490383.979, 3624543.978, 110.62, 5.00, 5.67
** 490384.651, 3624533.907, 110.47, 5.00, 5.67
** 490330.268, 3624535.250, 110.70, 5.00, 5.67
** 490330.939, 3624521.822, 110.73, 5.00, 5.67
** 490380.622, 3624522.493, 110.33, 5.00, 5.67
** ------------------------------------------------------------------------
   LOCATION L0000384     VOLUME   490332.643 3624545.245 110.38
   LOCATION L0000385     VOLUME   490344.832 3624544.945 110.13
   LOCATION L0000386     VOLUME   490357.020 3624544.644 110.16
   LOCATION L0000387     VOLUME   490369.208 3624544.343 110.26
   LOCATION L0000388     VOLUME   490381.396 3624544.042 110.63
   LOCATION L0000389     VOLUME   490384.618 3624534.391 110.47
   LOCATION L0000390     VOLUME   490372.947 3624534.196 110.60
   LOCATION L0000391     VOLUME   490360.759 3624534.497 110.58
   LOCATION L0000392     VOLUME   490348.571 3624534.798 110.56
   LOCATION L0000393     VOLUME   490336.382 3624535.099 110.64
   LOCATION L0000394     VOLUME   490330.571 3624529.182 110.79
   LOCATION L0000395     VOLUME   490335.761 3624521.887 110.64
   LOCATION L0000396     VOLUME   490347.952 3624522.052 110.43
   LOCATION L0000397     VOLUME   490360.143 3624522.216 110.37
   LOCATION L0000398     VOLUME   490372.334 3624522.381 110.34
** End of LINE VOLUME Source ID = NB2
** Source Parameters **
** LINE VOLUME Source ID = HAUL1A
   SRCPARAM L0000001     0.3333333333      3.05     11.34      3.40
   SRCPARAM L0000002     0.3333333333      3.05     11.34      3.40
   SRCPARAM L0000003     0.3333333333      3.05     11.34      3.40
** ------------------------------------------------------------------------
** LINE VOLUME Source ID = HAULB
   SRCPARAM L0000016     0.1111111111      3.05     11.34      3.40
   SRCPARAM L0000017     0.1111111111      3.05     11.34      3.40
   SRCPARAM L0000018     0.1111111111      3.05     11.34      3.40
   SRCPARAM L0000019     0.1111111111      3.05     11.34      3.40
   SRCPARAM L0000020     0.1111111111      3.05     11.34      3.40
   SRCPARAM L0000021     0.1111111111      3.05     11.34      3.40
   SRCPARAM L0000022     0.1111111111      3.05     11.34      3.40
   SRCPARAM L0000023     0.1111111111      3.05     11.34      3.40
   SRCPARAM L0000024     0.1111111111      3.05     11.34      3.40
** ------------------------------------------------------------------------
** LINE VOLUME Source ID = HAULC
   SRCPARAM L0000025         0.125      3.05     26.94      3.40
   SRCPARAM L0000026         0.125      3.05     26.94      3.40
   SRCPARAM L0000027         0.125      3.05     26.94      3.40
   SRCPARAM L0000028         0.125      3.05     26.94      3.40
   SRCPARAM L0000029         0.125      3.05     26.94      3.40
   SRCPARAM L0000030         0.125      3.05     26.94      3.40
   SRCPARAM L0000031         0.125      3.05     26.94      3.40
   SRCPARAM L0000032         0.125      3.05     26.94      3.40
** ------------------------------------------------------------------------
** LINE VOLUME Source ID = HAUL2A
   SRCPARAM L0000033           0.5      3.05     14.18      3.40
   SRCPARAM L0000034           0.5      3.05     14.18      3.40
** ------------------------------------------------------------------------
** LINE VOLUME Source ID = MOD
   SRCPARAM L0000481     0.0434782609      5.00      5.67      3.40
   SRCPARAM L0000482     0.0434782609      5.00      5.67      3.40
   SRCPARAM L0000483     0.0434782609      5.00      5.67      3.40
   SRCPARAM L0000484     0.0434782609      5.00      5.67      3.40
   SRCPARAM L0000485     0.0434782609      5.00      5.67      3.40
   SRCPARAM L0000486     0.0434782609      5.00      5.67      3.40
   SRCPARAM L0000487     0.0434782609      5.00      5.67      3.40
   SRCPARAM L0000488     0.0434782609      5.00      5.67      3.40
   SRCPARAM L0000489     0.0434782609      5.00      5.67      3.40
   SRCPARAM L0000490     0.0434782609      5.00      5.67      3.40
   SRCPARAM L0000491     0.0434782609      5.00      5.67      3.40
   SRCPARAM L0000492     0.0434782609      5.00      5.67      3.40
   SRCPARAM L0000493     0.0434782609      5.00      5.67      3.40
   SRCPARAM L0000494     0.0434782609      5.00      5.67      3.40
   SRCPARAM L0000495     0.0434782609      5.00      5.67      3.40
   SRCPARAM L0000496     0.0434782609      5.00      5.67      3.40
   SRCPARAM L0000497     0.0434782609      5.00      5.67      3.40
   SRCPARAM L0000498     0.0434782609      5.00      5.67      3.40
   SRCPARAM L0000499     0.0434782609      5.00      5.67      3.40
   SRCPARAM L0000500     0.0434782609      5.00      5.67      3.40
   SRCPARAM L0000501     0.0434782609      5.00      5.67      3.40
   SRCPARAM L0000502     0.0434782609      5.00      5.67      3.40
   SRCPARAM L0000503     0.0434782609      5.00      5.67      3.40
** ------------------------------------------------------------------------
** LINE VOLUME Source ID = NB1
   SRCPARAM L0000444     0.027027027      5.00      5.67      3.40
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   SRCPARAM L0000445     0.027027027      5.00      5.67      3.40
   SRCPARAM L0000446     0.027027027      5.00      5.67      3.40
   SRCPARAM L0000447     0.027027027      5.00      5.67      3.40
   SRCPARAM L0000448     0.027027027      5.00      5.67      3.40
   SRCPARAM L0000449     0.027027027      5.00      5.67      3.40
   SRCPARAM L0000450     0.027027027      5.00      5.67      3.40
   SRCPARAM L0000451     0.027027027      5.00      5.67      3.40
   SRCPARAM L0000452     0.027027027      5.00      5.67      3.40
   SRCPARAM L0000453     0.027027027      5.00      5.67      3.40
   SRCPARAM L0000454     0.027027027      5.00      5.67      3.40
   SRCPARAM L0000455     0.027027027      5.00      5.67      3.40
   SRCPARAM L0000456     0.027027027      5.00      5.67      3.40
   SRCPARAM L0000457     0.027027027      5.00      5.67      3.40
   SRCPARAM L0000458     0.027027027      5.00      5.67      3.40
   SRCPARAM L0000459     0.027027027      5.00      5.67      3.40
   SRCPARAM L0000460     0.027027027      5.00      5.67      3.40
   SRCPARAM L0000461     0.027027027      5.00      5.67      3.40
   SRCPARAM L0000462     0.027027027      5.00      5.67      3.40
   SRCPARAM L0000463     0.027027027      5.00      5.67      3.40
   SRCPARAM L0000464     0.027027027      5.00      5.67      3.40
   SRCPARAM L0000465     0.027027027      5.00      5.67      3.40
   SRCPARAM L0000466     0.027027027      5.00      5.67      3.40
   SRCPARAM L0000467     0.027027027      5.00      5.67      3.40
   SRCPARAM L0000468     0.027027027      5.00      5.67      3.40
   SRCPARAM L0000469     0.027027027      5.00      5.67      3.40
   SRCPARAM L0000470     0.027027027      5.00      5.67      3.40
   SRCPARAM L0000471     0.027027027      5.00      5.67      3.40
   SRCPARAM L0000472     0.027027027      5.00      5.67      3.40
   SRCPARAM L0000473     0.027027027      5.00      5.67      3.40
   SRCPARAM L0000474     0.027027027      5.00      5.67      3.40
   SRCPARAM L0000475     0.027027027      5.00      5.67      3.40
   SRCPARAM L0000476     0.027027027      5.00      5.67      3.40
   SRCPARAM L0000477     0.027027027      5.00      5.67      3.40
   SRCPARAM L0000478     0.027027027      5.00      5.67      3.40
   SRCPARAM L0000479     0.027027027      5.00      5.67      3.40
   SRCPARAM L0000480     0.027027027      5.00      5.67      3.40
** ------------------------------------------------------------------
** LINE VOLUME Source ID = NB3
   SRCPARAM L0000399     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000400     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000401     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000402     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000403     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000404     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000405     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000406     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000407     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000408     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000409     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000410     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000411     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000412     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000413     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000414     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000415     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000416     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000417     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000418     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000419     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000420     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000421     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000422     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000423     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000424     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000425     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000426     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000427     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000428     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000429     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000430     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000431     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000432     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000433     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000434     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000435     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000436     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000437     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000438     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000439     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000440     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000441     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000442     0.0222222222      5.00      5.67      3.40
   SRCPARAM L0000443     0.0222222222      5.00      5.67      3.40
** ------------------------------------------------------------------
** LINE VOLUME Source ID = NB2
   SRCPARAM L0000384     0.0666666667      5.00      5.67      3.40
   SRCPARAM L0000385     0.0666666667      5.00      5.67      3.40
   SRCPARAM L0000386     0.0666666667      5.00      5.67      3.40
   SRCPARAM L0000387     0.0666666667      5.00      5.67      3.40
   SRCPARAM L0000388     0.0666666667      5.00      5.67      3.40
   SRCPARAM L0000389     0.0666666667      5.00      5.67      3.40
   SRCPARAM L0000390     0.0666666667      5.00      5.67      3.40
   SRCPARAM L0000391     0.0666666667      5.00      5.67      3.40
   SRCPARAM L0000392     0.0666666667      5.00      5.67      3.40
   SRCPARAM L0000393     0.0666666667      5.00      5.67      3.40
   SRCPARAM L0000394     0.0666666667      5.00      5.67      3.40
   SRCPARAM L0000395     0.0666666667      5.00      5.67      3.40
   SRCPARAM L0000396     0.0666666667      5.00      5.67      3.40
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   SRCPARAM L0000397     0.0666666667      5.00      5.67      3.40
   SRCPARAM L0000398     0.0666666667      5.00      5.67      3.40
** ------------------------------------------------------------------------
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000001     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000002     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000003     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000016     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000016     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000017     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000017     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000018     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000018     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000019     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000019     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000020     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000020     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000021     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000021     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000022     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000022     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000023     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000023     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000024     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000024     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000025     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000025     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000026     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000026     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000027     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000027     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000028     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000028     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000029     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000029     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000030     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000030     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000031     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000031     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000032     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000032     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000033     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000033     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000034     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000034     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0000481     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000481     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000481     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000481     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000482     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000482     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000482     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000482     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000483     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000483     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0000503     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0000481     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000481     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
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   EMISFACT L0000492     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000493     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000494     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000494     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000496     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000496     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000496     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000500     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
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   EMISFACT L0000447     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000450     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000451     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000451     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000451     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000465     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000466     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000468     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000469     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000472     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000473     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000473     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000473     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000473     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000474     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000474     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000474     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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** Saturday:
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   EMISFACT L0000444     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000460     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000461     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000461     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000461     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000449     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000480     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
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   EMISFACT L0000443     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000443     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000443     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0000384     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000384     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000384     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000384     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000385     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0000386     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000387     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000387     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000387     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0000387     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000388     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000388     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000388     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0000398     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0000384     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000397     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000398     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0000384     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000384     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   SRCGROUP HAUL1A   L0000001 L0000002 L0000003
   SRCGROUP HAUL2A   L0000033 L0000034
   SRCGROUP HAULB    L0000016 L0000017 L0000018 L0000019 L0000020 L0000021
   SRCGROUP HAULB    L0000022 L0000023 L0000024
   SRCGROUP HAULC    L0000025 L0000026 L0000027 L0000028 L0000029 L0000030
   SRCGROUP HAULC    L0000031 L0000032
   SRCGROUP MOD      L0000481 L0000482 L0000483 L0000484 L0000485 L0000486
   SRCGROUP MOD      L0000487 L0000488 L0000489 L0000490 L0000491 L0000492
   SRCGROUP MOD      L0000493 L0000494 L0000495 L0000496 L0000497 L0000498
   SRCGROUP MOD      L0000499 L0000500 L0000501 L0000502 L0000503
   SRCGROUP NB1      L0000444 L0000445 L0000446 L0000447 L0000448 L0000449
   SRCGROUP NB1      L0000450 L0000451 L0000452 L0000453 L0000454 L0000455
   SRCGROUP NB1      L0000456 L0000457 L0000458 L0000459 L0000460 L0000461
   SRCGROUP NB1      L0000462 L0000463 L0000464 L0000465 L0000466 L0000467
   SRCGROUP NB1      L0000468 L0000469 L0000470 L0000471 L0000472 L0000473
   SRCGROUP NB1      L0000474 L0000475 L0000476 L0000477 L0000478 L0000479
   SRCGROUP NB1      L0000480
   SRCGROUP NB2      L0000384 L0000385 L0000386 L0000387 L0000388 L0000389
   SRCGROUP NB2      L0000390 L0000391 L0000392 L0000393 L0000394 L0000395
   SRCGROUP NB2      L0000396 L0000397 L0000398
   SRCGROUP NB3      L0000399 L0000400 L0000401 L0000402 L0000403 L0000404
   SRCGROUP NB3      L0000405 L0000406 L0000407 L0000408 L0000409 L0000410
   SRCGROUP NB3      L0000411 L0000412 L0000413 L0000414 L0000415 L0000416
   SRCGROUP NB3      L0000417 L0000418 L0000419 L0000420 L0000421 L0000422
   SRCGROUP NB3      L0000423 L0000424 L0000425 L0000426 L0000427 L0000428
   SRCGROUP NB3      L0000429 L0000430 L0000431 L0000432 L0000433 L0000434
   SRCGROUP NB3      L0000435 L0000436 L0000437 L0000438 L0000439 L0000440
   SRCGROUP NB3      L0000441 L0000442 L0000443
   SRCGROUP ALL
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SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "Franklin School.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE "SD International\722900.SFC"
   PROFFILE "SD International\722900.PFL"
   SURFDATA 23188 2009 SAN_DIEGO/LINDBERGH_FIELD
   UAIRDATA 3190 2009
   PROFBASE 4.6 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE ANNUAL ALL "Franklin School.AD\AN00GALL.PLT" 31
   PLOTFILE ANNUAL HAUL1A "Franklin School.AD\AN00G001.PLT" 32
   PLOTFILE ANNUAL HAUL2A "Franklin School.AD\AN00G002.PLT" 33
   PLOTFILE ANNUAL HAULB "Franklin School.AD\AN00G003.PLT" 34
   PLOTFILE ANNUAL HAULC "Franklin School.AD\AN00G004.PLT" 35
   PLOTFILE ANNUAL MOD "Franklin School.AD\AN00G005.PLT" 36
   PLOTFILE ANNUAL NB1 "Franklin School.AD\AN00G006.PLT" 37
   PLOTFILE ANNUAL NB2 "Franklin School.AD\AN00G007.PLT" 38
   PLOTFILE ANNUAL NB3 "Franklin School.AD\AN00G008.PLT" 39
   SUMMFILE "Franklin School.sum"
OU FINISHED

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************
```

```
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\AERMOD Projects\Franklin School\Franklin School ***
07/10/19
 *** AERMET - VERSION  14134 ***   ***                                                                    ***
14:23:32

PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                                        ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - -

 **Model Is Setup For Calculation of Average CONCentration Values.

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses URBAN Dispersion Algorithm for the SBL for   142 Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =   3337685.0 ;  Urban Roughness Length =  1.000 m

 **Model Uses Regulatory DEFAULT Options:
         1. Stack-tip Downwash.
         2. Model Accounts for ELEVated Terrain Effects.
         3. Use Calms Processing Routine.
         4. Use Missing Data Processing Routine.
         5. No Exponential Decay.
         6. Urban Roughness Length of 1.0 Meter Assumed.

 **Other Options Specified:
         CCVR_Sub - Meteorological data includes CCVR substitutions
         TEMP_Sub - Meteorological data includes TEMP substitutions

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  PM_10

 **Model Calculates ANNUAL Averages Only

 **This Run Includes:    142 Source(s);       9 Source Group(s); and     872 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    142 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with      0 line(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  14134

 **Output Options Selected:
          Model Outputs Tables of ANNUAL Averages by Receptor
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =     4.60 ;  Decay Coef. =    0.000     ;  Rot. Angle =
0.0
                  Emission Units = GRAMS/SEC                                ;  Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.9 MB of RAM.

 **Input Runstream File:          aermod.inp
 **Output Print File:             aermod.out

 **Detailed Error/Message File:   Franklin School.err
 **File for Summary of Results:   Franklin School.sum
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000001	0	0.33333E+00	490259.7	3624424.8	113.8	3.05	11.34	3.40	YES	HRDOW
L0000002	0	0.33333E+00	490259.5	3624400.4	113.7	3.05	11.34	3.40	YES	HRDOW
L0000003	0	0.33333E+00	490259.2	3624376.0	113.4	3.05	11.34	3.40	YES	HRDOW
L0000016	0	0.11111E+00	490259.1	3624357.6	113.5	3.05	11.34	3.40	YES	HRDOW
L0000017	0	0.11111E+00	490259.0	3624333.2	113.5	3.05	11.34	3.40	YES	HRDOW
L0000018	0	0.11111E+00	490258.9	3624308.8	113.5	3.05	11.34	3.40	YES	HRDOW
L0000019	0	0.11111E+00	490258.9	3624284.5	113.4	3.05	11.34	3.40	YES	HRDOW
L0000020	0	0.11111E+00	490258.8	3624260.1	113.4	3.05	11.34	3.40	YES	HRDOW
L0000021	0	0.11111E+00	490258.7	3624235.7	113.4	3.05	11.34	3.40	YES	HRDOW
L0000022	0	0.11111E+00	490258.6	3624211.3	113.3	3.05	11.34	3.40	YES	HRDOW
L0000023	0	0.11111E+00	490258.6	3624186.9	113.4	3.05	11.34	3.40	YES	HRDOW
L0000024	0	0.11111E+00	490258.5	3624162.5	113.4	3.05	11.34	3.40	YES	HRDOW
L0000025	0	0.12500E+00	490244.6	3624148.0	113.5	3.05	26.94	3.40	YES	HRDOW
L0000026	0	0.12500E+00	490186.7	3624148.6	113.7	3.05	26.94	3.40	YES	HRDOW
L0000027	0	0.12500E+00	490128.8	3624149.2	113.9	3.05	26.94	3.40	YES	HRDOW
L0000028	0	0.12500E+00	490070.9	3624149.8	114.0	3.05	26.94	3.40	YES	HRDOW
L0000029	0	0.12500E+00	490013.0	3624150.5	114.0	3.05	26.94	3.40	YES	HRDOW
L0000030	0	0.12500E+00	489955.1	3624151.1	113.9	3.05	26.94	3.40	YES	HRDOW
L0000031	0	0.12500E+00	489897.2	3624151.7	113.9	3.05	26.94	3.40	YES	HRDOW
L0000032	0	0.12500E+00	489839.3	3624152.3	113.9	3.05	26.94	3.40	YES	HRDOW
L0000033	0	0.50000E+00	490297.8	3624362.0	113.1	3.05	14.18	3.40	YES	HRDOW
L0000034	0	0.50000E+00	490267.3	3624362.0	113.5	3.05	14.18	3.40	YES	HRDOW
L0000481	0	0.43478E-01	490314.5	3624541.3	110.8	5.00	5.67	3.40	YES	HRDOW
L0000482	0	0.43478E-01	490302.3	3624541.3	111.5	5.00	5.67	3.40	YES	HRDOW
L0000483	0	0.43478E-01	490290.1	3624541.3	112.0	5.00	5.67	3.40	YES	HRDOW
L0000484	0	0.43478E-01	490279.9	3624539.3	112.7	5.00	5.67	3.40	YES	HRDOW
L0000485	0	0.43478E-01	490279.9	3624527.1	112.9	5.00	5.67	3.40	YES	HRDOW
L0000486	0	0.43478E-01	490279.9	3624514.9	113.1	5.00	5.67	3.40	YES	HRDOW
L0000487	0	0.43478E-01	490279.9	3624502.7	113.2	5.00	5.67	3.40	YES	HRDOW
L0000488	0	0.43478E-01	490279.9	3624490.5	113.4	5.00	5.67	3.40	YES	HRDOW
L0000489	0	0.43478E-01	490279.9	3624478.3	113.6	5.00	5.67	3.40	YES	HRDOW
L0000490	0	0.43478E-01	490279.9	3624466.1	113.6	5.00	5.67	3.40	YES	HRDOW
L0000491	0	0.43478E-01	490279.9	3624453.9	113.6	5.00	5.67	3.40	YES	HRDOW
L0000492	0	0.43478E-01	490279.9	3624441.7	113.8	5.00	5.67	3.40	YES	HRDOW
L0000493	0	0.43478E-01	490285.6	3624435.2	113.7	5.00	5.67	3.40	YES	HRDOW
L0000494	0	0.43478E-01	490291.4	3624441.7	113.6	5.00	5.67	3.40	YES	HRDOW
L0000495	0	0.43478E-01	490291.5	3624453.9	113.4	5.00	5.67	3.40	YES	HRDOW
L0000496	0	0.43478E-01	490291.5	3624466.0	113.4	5.00	5.67	3.40	YES	HRDOW
L0000497	0	0.43478E-01	490291.6	3624478.2	113.3	5.00	5.67	3.40	YES	HRDOW
L0000498	0	0.43478E-01	490291.7	3624490.4	113.2	5.00	5.67	3.40	YES	HRDOW

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000499	0	0.43478E-01	490291.8	3624502.6	112.9	5.00	5.67	3.40	YES	HRDOW
L0000500	0	0.43478E-01	490291.9	3624514.8	112.6	5.00	5.67	3.40	YES	HRDOW
L0000501	0	0.43478E-01	490292.0	3624527.0	112.3	5.00	5.67	3.40	YES	HRDOW
L0000502	0	0.43478E-01	490299.3	3624531.9	111.8	5.00	5.67	3.40	YES	HRDOW
L0000503	0	0.43478E-01	490311.5	3624531.9	111.3	5.00	5.67	3.40	YES	HRDOW
L0000444	0	0.27027E-01	490388.3	3624544.0	110.5	5.00	5.67	3.40	YES	HRDOW
L0000445	0	0.27027E-01	490376.1	3624544.1	110.6	5.00	5.67	3.40	YES	HRDOW
L0000446	0	0.27027E-01	490363.9	3624544.2	110.2	5.00	5.67	3.40	YES	HRDOW
L0000447	0	0.27027E-01	490351.7	3624544.4	110.1	5.00	5.67	3.40	YES	HRDOW
L0000448	0	0.27027E-01	490339.6	3624544.5	110.2	5.00	5.67	3.40	YES	HRDOW
L0000449	0	0.27027E-01	490327.4	3624544.6	110.5	5.00	5.67	3.40	YES	HRDOW
L0000450	0	0.27027E-01	490323.6	3624536.3	110.8	5.00	5.67	3.40	YES	HRDOW
L0000451	0	0.27027E-01	490328.7	3624529.3	110.8	5.00	5.67	3.40	YES	HRDOW
L0000452	0	0.27027E-01	490340.9	3624529.6	110.5	5.00	5.67	3.40	YES	HRDOW
L0000453	0	0.27027E-01	490353.1	3624529.8	110.5	5.00	5.67	3.40	YES	HRDOW
L0000454	0	0.27027E-01	490365.3	3624530.1	110.5	5.00	5.67	3.40	YES	HRDOW
L0000455	0	0.27027E-01	490377.4	3624530.3	110.5	5.00	5.67	3.40	YES	HRDOW
L0000456	0	0.27027E-01	490389.2	3624530.3	110.2	5.00	5.67	3.40	YES	HRDOW
L0000457	0	0.27027E-01	490382.6	3624520.0	110.3	5.00	5.67	3.40	YES	HRDOW
L0000458	0	0.27027E-01	490373.9	3624513.8	110.1	5.00	5.67	3.40	YES	HRDOW
L0000459	0	0.27027E-01	490361.7	3624513.8	110.2	5.00	5.67	3.40	YES	HRDOW
L0000460	0	0.27027E-01	490349.5	3624513.8	110.3	5.00	5.67	3.40	YES	HRDOW
L0000461	0	0.27027E-01	490337.3	3624513.8	110.5	5.00	5.67	3.40	YES	HRDOW
L0000462	0	0.27027E-01	490325.1	3624513.8	110.9	5.00	5.67	3.40	YES	HRDOW
L0000463	0	0.27027E-01	490321.2	3624505.8	111.3	5.00	5.67	3.40	YES	HRDOW
L0000464	0	0.27027E-01	490325.6	3624497.5	110.7	5.00	5.67	3.40	YES	HRDOW
L0000465	0	0.27027E-01	490337.7	3624497.1	110.4	5.00	5.67	3.40	YES	HRDOW
L0000466	0	0.27027E-01	490349.9	3624496.7	110.3	5.00	5.67	3.40	YES	HRDOW
L0000467	0	0.27027E-01	490362.1	3624496.3	109.9	5.00	5.67	3.40	YES	HRDOW
L0000468	0	0.27027E-01	490355.1	3624487.1	109.6	5.00	5.67	3.40	YES	HRDOW
L0000469	0	0.27027E-01	490346.8	3624478.9	110.4	5.00	5.67	3.40	YES	HRDOW
L0000470	0	0.27027E-01	490334.6	3624478.9	110.5	5.00	5.67	3.40	YES	HRDOW
L0000471	0	0.27027E-01	490322.4	3624478.9	111.3	5.00	5.67	3.40	YES	HRDOW
L0000472	0	0.27027E-01	490321.5	3624467.6	111.6	5.00	5.67	3.40	YES	HRDOW
L0000473	0	0.27027E-01	490327.6	3624461.4	110.8	5.00	5.67	3.40	YES	HRDOW
L0000474	0	0.27027E-01	490339.8	3624461.4	110.8	5.00	5.67	3.40	YES	HRDOW
L0000475	0	0.27027E-01	490347.7	3624457.2	110.0	5.00	5.67	3.40	YES	HRDOW
L0000476	0	0.27027E-01	490347.7	3624445.0	110.9	5.00	5.67	3.40	YES	HRDOW
L0000477	0	0.27027E-01	490347.7	3624432.8	111.1	5.00	5.67	3.40	YES	HRDOW
L0000478	0	0.27027E-01	490339.5	3624436.4	112.7	5.00	5.67	3.40	YES	HRDOW

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000479	0	0.27027E-01	490339.1	3624448.6	112.0	5.00	5.67	3.40	YES	HRDOW
L0000480	0	0.27027E-01	490329.6	3624451.0	111.6	5.00	5.67	3.40	YES	HRDOW
L0000399	0	0.22222E-01	490388.3	3624544.0	110.5	5.00	5.67	3.40	YES	HRDOW
L0000400	0	0.22222E-01	490376.1	3624544.1	110.6	5.00	5.67	3.40	YES	HRDOW
L0000401	0	0.22222E-01	490363.9	3624544.2	110.2	5.00	5.67	3.40	YES	HRDOW
L0000402	0	0.22222E-01	490351.7	3624544.4	110.1	5.00	5.67	3.40	YES	HRDOW
L0000403	0	0.22222E-01	490339.6	3624544.5	110.2	5.00	5.67	3.40	YES	HRDOW
L0000404	0	0.22222E-01	490327.4	3624544.6	110.5	5.00	5.67	3.40	YES	HRDOW
L0000405	0	0.22222E-01	490323.6	3624536.3	110.8	5.00	5.67	3.40	YES	HRDOW
L0000406	0	0.22222E-01	490328.7	3624529.3	110.8	5.00	5.67	3.40	YES	HRDOW
L0000407	0	0.22222E-01	490340.9	3624529.6	110.5	5.00	5.67	3.40	YES	HRDOW
L0000408	0	0.22222E-01	490353.1	3624529.8	110.5	5.00	5.67	3.40	YES	HRDOW
L0000409	0	0.22222E-01	490365.3	3624530.1	110.5	5.00	5.67	3.40	YES	HRDOW
L0000410	0	0.22222E-01	490377.4	3624530.3	110.5	5.00	5.67	3.40	YES	HRDOW
L0000411	0	0.22222E-01	490389.2	3624530.3	110.2	5.00	5.67	3.40	YES	HRDOW
L0000412	0	0.22222E-01	490382.6	3624520.0	110.3	5.00	5.67	3.40	YES	HRDOW
L0000413	0	0.22222E-01	490373.9	3624513.8	110.1	5.00	5.67	3.40	YES	HRDOW
L0000414	0	0.22222E-01	490361.7	3624513.8	110.2	5.00	5.67	3.40	YES	HRDOW
L0000415	0	0.22222E-01	490349.5	3624513.8	110.3	5.00	5.67	3.40	YES	HRDOW
L0000416	0	0.22222E-01	490337.3	3624513.8	110.5	5.00	5.67	3.40	YES	HRDOW
L0000417	0	0.22222E-01	490325.1	3624513.8	110.9	5.00	5.67	3.40	YES	HRDOW
L0000418	0	0.22222E-01	490312.9	3624513.8	112.0	5.00	5.67	3.40	YES	HRDOW
L0000419	0	0.22222E-01	490300.7	3624513.8	112.1	5.00	5.67	3.40	YES	HRDOW
L0000420	0	0.22222E-01	490298.3	3624503.6	112.6	5.00	5.67	3.40	YES	HRDOW
L0000421	0	0.22222E-01	490304.3	3624497.5	112.5	5.00	5.67	3.40	YES	HRDOW
L0000422	0	0.22222E-01	490316.5	3624497.3	112.3	5.00	5.67	3.40	YES	HRDOW
L0000423	0	0.22222E-01	490328.7	3624497.0	110.6	5.00	5.67	3.40	YES	HRDOW
L0000424	0	0.22222E-01	490340.9	3624496.8	110.3	5.00	5.67	3.40	YES	HRDOW
L0000425	0	0.22222E-01	490353.0	3624496.5	110.3	5.00	5.67	3.40	YES	HRDOW
L0000426	0	0.22222E-01	490360.8	3624494.2	110.0	5.00	5.67	3.40	YES	HRDOW
L0000427	0	0.22222E-01	490353.1	3624484.7	109.8	5.00	5.67	3.40	YES	HRDOW
L0000428	0	0.22222E-01	490343.7	3624478.8	110.4	5.00	5.67	3.40	YES	HRDOW
L0000429	0	0.22222E-01	490331.5	3624478.6	110.6	5.00	5.67	3.40	YES	HRDOW
L0000430	0	0.22222E-01	490319.3	3624478.5	112.0	5.00	5.67	3.40	YES	HRDOW
L0000431	0	0.22222E-01	490307.1	3624478.3	112.7	5.00	5.67	3.40	YES	HRDOW
L0000432	0	0.22222E-01	490299.7	3624473.8	112.8	5.00	5.67	3.40	YES	HRDOW
L0000433	0	0.22222E-01	490300.7	3624461.6	113.1	5.00	5.67	3.40	YES	HRDOW
L0000434	0	0.22222E-01	490312.0	3624460.9	112.9	5.00	5.67	3.40	YES	HRDOW
L0000435	0	0.22222E-01	490324.2	3624461.1	111.1	5.00	5.67	3.40	YES	HRDOW
L0000436	0	0.22222E-01	490336.4	3624461.2	110.8	5.00	5.67	3.40	YES	HRDOW

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000437	0	0.22222E-01	490347.7	3624460.5	110.0	5.00	5.67	3.40	YES	HRDOW
L0000438	0	0.22222E-01	490347.7	3624448.3	110.6	5.00	5.67	3.40	YES	HRDOW
L0000439	0	0.22222E-01	490347.7	3624436.1	111.0	5.00	5.67	3.40	YES	HRDOW
L0000440	0	0.22222E-01	490339.6	3624433.1	112.6	5.00	5.67	3.40	YES	HRDOW
L0000441	0	0.22222E-01	490339.2	3624445.3	112.6	5.00	5.67	3.40	YES	HRDOW
L0000442	0	0.22222E-01	490332.9	3624451.1	111.6	5.00	5.67	3.40	YES	HRDOW
L0000443	0	0.22222E-01	490320.7	3624450.7	112.2	5.00	5.67	3.40	YES	HRDOW
L0000384	0	0.66667E-01	490332.6	3624545.2	110.4	5.00	5.67	3.40	YES	HRDOW
L0000385	0	0.66667E-01	490344.8	3624544.9	110.1	5.00	5.67	3.40	YES	HRDOW
L0000386	0	0.66667E-01	490357.0	3624544.6	110.2	5.00	5.67	3.40	YES	HRDOW
L0000387	0	0.66667E-01	490369.2	3624544.3	110.3	5.00	5.67	3.40	YES	HRDOW
L0000388	0	0.66667E-01	490381.4	3624544.0	110.6	5.00	5.67	3.40	YES	HRDOW
L0000389	0	0.66667E-01	490384.6	3624534.4	110.5	5.00	5.67	3.40	YES	HRDOW
L0000390	0	0.66667E-01	490372.9	3624534.2	110.6	5.00	5.67	3.40	YES	HRDOW
L0000391	0	0.66667E-01	490360.8	3624534.5	110.6	5.00	5.67	3.40	YES	HRDOW
L0000392	0	0.66667E-01	490348.6	3624534.8	110.6	5.00	5.67	3.40	YES	HRDOW
L0000393	0	0.66667E-01	490336.4	3624535.1	110.6	5.00	5.67	3.40	YES	HRDOW
L0000394	0	0.66667E-01	490330.6	3624529.2	110.8	5.00	5.67	3.40	YES	HRDOW
L0000395	0	0.66667E-01	490335.8	3624521.9	110.6	5.00	5.67	3.40	YES	HRDOW
L0000396	0	0.66667E-01	490348.0	3624522.1	110.4	5.00	5.67	3.40	YES	HRDOW
L0000397	0	0.66667E-01	490360.1	3624522.2	110.4	5.00	5.67	3.40	YES	HRDOW
L0000398	0	0.66667E-01	490372.3	3624522.4	110.3	5.00	5.67	3.40	YES	HRDOW

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
HAUL1A	L0000001 , L0000002 , L0000003 ,
HAUL2A	L0000033 , L0000034 ,
HAULB	L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 ,
	L0000024 ,
HAULC	L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 ,
MOD	L0000481 , L0000482 , L0000483 , L0000484 , L0000485 , L0000486 , L0000487 , L0000488 ,
	L0000489 , L0000490 , L0000491 , L0000492 , L0000493 , L0000494 , L0000495 , L0000496 ,
	L0000497 , L0000498 , L0000499 , L0000500 , L0000501 , L0000502 , L0000503 ,
NB1	L0000444 , L0000445 , L0000446 , L0000447 , L0000448 , L0000449 , L0000450 , L0000451 ,
	L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 , L0000458 , L0000459 ,
	L0000460 , L0000461 , L0000462 , L0000463 , L0000464 , L0000465 , L0000466 , L0000467 ,
	L0000468 , L0000469 , L0000470 , L0000471 , L0000472 , L0000473 , L0000474 , L0000475 ,
	L0000476 , L0000477 , L0000478 , L0000479 , L0000480 ,
NB2	L0000384 , L0000385 , L0000386 , L0000387 , L0000388 , L0000389 , L0000390 , L0000391 ,
	L0000392 , L0000393 , L0000394 , L0000395 , L0000396 , L0000397 , L0000398 ,
NB3	L0000399 , L0000400 , L0000401 , L0000402 , L0000403 , L0000404 , L0000405 , L0000406 ,
	L0000407 , L0000408 , L0000409 , L0000410 , L0000411 , L0000412 , L0000413 , L0000414 ,
	L0000415 , L0000416 , L0000417 , L0000418 , L0000419 , L0000420 , L0000421 , L0000422 ,
	L0000423 , L0000424 , L0000425 , L0000426 , L0000427 , L0000428 , L0000429 , L0000430 ,
	L0000431 , L0000432 , L0000433 , L0000434 , L0000435 , L0000436 , L0000437 , L0000438 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0000439 , L0000440 , L0000441 , L0000442 , L0000443 ,
ALL	L0000001 , L0000002 , L0000003 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 ,
	L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 ,
	L0000029 , L0000030 , L0000031 , L0000032 , L0000033 , L0000034 , L0000481 , L0000482 ,
	L0000483 , L0000484 , L0000485 , L0000486 , L0000487 , L0000488 , L0000489 , L0000490 ,
	L0000491 , L0000492 , L0000493 , L0000494 , L0000495 , L0000496 , L0000497 , L0000498 ,
	L0000499 , L0000500 , L0000501 , L0000502 , L0000503 , L0000444 , L0000445 , L0000446 ,
	L0000447 , L0000448 , L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 ,
	L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , L0000462 ,
	L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 ,
	L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 , L0000478 ,
	L0000479 , L0000480 , L0000399 , L0000400 , L0000401 , L0000402 , L0000403 , L0000404 ,
	L0000405 , L0000406 , L0000407 , L0000408 , L0000409 , L0000410 , L0000411 , L0000412 ,
	L0000413 , L0000414 , L0000415 , L0000416 , L0000417 , L0000418 , L0000419 , L0000420 ,
	L0000421 , L0000422 , L0000423 , L0000424 , L0000425 , L0000426 , L0000427 , L0000428 ,
	L0000429 , L0000430 , L0000431 , L0000432 , L0000433 , L0000434 , L0000435 , L0000436 ,
	L0000437 , L0000438 , L0000439 , L0000440 , L0000441 , L0000442 , L0000443 , L0000384 ,
	L0000385 , L0000386 , L0000387 , L0000388 , L0000389 , L0000390 , L0000391 , L0000392 ,
	L0000393 , L0000394 , L0000395 , L0000396 , L0000397 , L0000398 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	3337685.	L0000001 , L0000002 , L0000003 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 ,
		L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 ,
		L0000029 , L0000030 , L0000031 , L0000032 , L0000033 , L0000034 , L0000481 , L0000482 ,
		L0000483 , L0000484 , L0000485 , L0000486 , L0000487 , L0000488 , L0000489 , L0000490 ,
		L0000491 , L0000492 , L0000493 , L0000494 , L0000495 , L0000496 , L0000497 , L0000498 ,
		L0000499 , L0000500 , L0000501 , L0000502 , L0000503 , L0000444 , L0000445 , L0000446 ,
		L0000447 , L0000448 , L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 ,
		L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , L0000462 ,
		L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 ,
		L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 , L0000478 ,
		L0000479 , L0000480 , L0000399 , L0000400 , L0000401 , L0000402 , L0000403 , L0000404 ,
		L0000405 , L0000406 , L0000407 , L0000408 , L0000409 , L0000410 , L0000411 , L0000412 ,
		L0000413 , L0000414 , L0000415 , L0000416 , L0000417 , L0000418 , L0000419 , L0000420 ,
		L0000421 , L0000422 , L0000423 , L0000424 , L0000425 , L0000426 , L0000427 , L0000428 ,
		L0000429 , L0000430 , L0000431 , L0000432 , L0000433 , L0000434 , L0000435 , L0000436 ,
		L0000437 , L0000438 , L0000439 , L0000440 , L0000441 , L0000442 , L0000443 , L0000384 ,
		L0000385 , L0000386 , L0000387 , L0000388 , L0000389 , L0000390 , L0000391 , L0000392 ,
		L0000393 , L0000394 , L0000395 , L0000396 , L0000397 , L0000398 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000001 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000002 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000003 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000016 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000017 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000018 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000019 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000020 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000021 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000022 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000023 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000024 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000025 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000026 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000027 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000028 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000029 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000030 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000031 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000032 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000033 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000034 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000481 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000482 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000483 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000484 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000485 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000486 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000487 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000488 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000489 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000490 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000491 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000492 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000493 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000494 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000495 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000496 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000497 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000498 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000499 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000500 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000501 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000502 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000503 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000444 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000445 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000446 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000447 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000448 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000449 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000450 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000451 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000452 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000453 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000454 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000455 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000456 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000457 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000458 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000459 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000460 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000461 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000462 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000463 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000464 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000465 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000466 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000467 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000468 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000469 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000470 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000471 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000472 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000473 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000474 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000475 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000476 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000477 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000478 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000479 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000480 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000399 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000400 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000401 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000402 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000403 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000404 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000405 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000406 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000407 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000408 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000409 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000410 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000411 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000412 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000413 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000414 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000415 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000416 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000417 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000418 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000419 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000420 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000421 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000422 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000423 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000424 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000425 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000426 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000427 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000428 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000429 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000430 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000431 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000432 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000433 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000434 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000435 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000436 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000437 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000438 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000439 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000440 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000441 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000442 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000443 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000384 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000385 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000386 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000387 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000388 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000389 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000390 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000391 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000392 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000393 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000394 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000395 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000396 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000397 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000398 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(489960.0, 3624026.0, 113.3, 113.3, 0.0); (490010.0, 3624026.0, 113.5, 113.5, 0.0);
(490060.0, 3624026.0, 113.5, 113.5, 0.0); (490110.0, 3624026.0, 113.5, 113.5, 0.0);
(490160.0, 3624026.0, 113.5, 113.5, 0.0); (490210.0, 3624026.0, 113.5, 113.5, 0.0);
(490260.0, 3624026.0, 113.1, 113.1, 0.0); (490310.0, 3624026.0, 113.6, 113.6, 0.0);
(490360.0, 3624026.0, 113.1, 113.1, 0.0); (490410.0, 3624026.0, 113.7, 113.7, 0.0);
(490460.0, 3624026.0, 112.1, 112.1, 0.0); (490510.0, 3624026.0, 111.1, 111.1, 0.0);
(490560.0, 3624026.0, 111.1, 111.1, 0.0); (490610.0, 3624026.0, 111.4, 111.4, 0.0);
(490660.0, 3624026.0, 111.4, 111.4, 0.0); (490710.0, 3624026.0, 111.7, 111.7, 0.0);
(489960.0, 3624076.0, 113.4, 113.4, 0.0); (490010.0, 3624076.0, 113.4, 113.4, 0.0);
(490060.0, 3624076.0, 113.6, 113.6, 0.0); (490110.0, 3624076.0, 113.6, 113.6, 0.0);
(490160.0, 3624076.0, 113.6, 113.6, 0.0); (490210.0, 3624076.0, 113.6, 113.6, 0.0);
(490260.0, 3624076.0, 113.1, 113.1, 0.0); (490310.0, 3624076.0, 113.5, 113.5, 0.0);
(490360.0, 3624076.0, 113.1, 113.1, 0.0); (490410.0, 3624076.0, 113.4, 113.4, 0.0);
(490460.0, 3624076.0, 111.8, 111.8, 0.0); (490510.0, 3624076.0, 110.5, 110.5, 0.0);
(490560.0, 3624076.0, 110.5, 110.5, 0.0); (490610.0, 3624076.0, 111.1, 111.1, 0.0);
(490660.0, 3624076.0, 111.1, 111.1, 0.0); (490710.0, 3624076.0, 111.5, 111.5, 0.0);
(489960.0, 3624126.0, 113.6, 113.6, 0.0); (490010.0, 3624126.0, 113.8, 113.8, 0.0);
(490060.0, 3624126.0, 113.8, 113.8, 0.0); (490110.0, 3624126.0, 113.7, 113.7, 0.0);
(490160.0, 3624126.0, 113.7, 113.7, 0.0); (490210.0, 3624126.0, 113.7, 113.7, 0.0);
(490260.0, 3624126.0, 113.2, 113.2, 0.0); (490310.0, 3624126.0, 113.3, 113.3, 0.0);
(490360.0, 3624126.0, 113.2, 113.2, 0.0); (490410.0, 3624126.0, 113.1, 113.1, 0.0);
(490460.0, 3624126.0, 111.4, 111.4, 0.0); (490510.0, 3624126.0, 109.9, 109.9, 0.0);
(490560.0, 3624126.0, 109.9, 109.9, 0.0); (490610.0, 3624126.0, 110.3, 110.3, 0.0);
(490660.0, 3624126.0, 110.8, 110.8, 0.0); (490710.0, 3624126.0, 111.0, 111.0, 0.0);
(489960.0, 3624176.0, 113.8, 113.8, 0.0); (490010.0, 3624176.0, 114.0, 114.0, 0.0);
(490060.0, 3624176.0, 113.9, 113.9, 0.0); (490110.0, 3624176.0, 113.8, 113.8, 0.0);
(490160.0, 3624176.0, 113.7, 113.7, 0.0); (490210.0, 3624176.0, 113.6, 113.6, 0.0);
(490260.0, 3624176.0, 113.4, 113.4, 0.0); (490310.0, 3624176.0, 113.8, 113.8, 0.0);
(490360.0, 3624176.0, 113.6, 113.6, 0.0); (490410.0, 3624176.0, 113.1, 113.1, 0.0);
(490460.0, 3624176.0, 110.9, 110.9, 0.0); (490510.0, 3624176.0, 110.1, 110.1, 0.0);
(490560.0, 3624176.0, 109.6, 109.6, 0.0); (490610.0, 3624176.0, 110.2, 110.2, 0.0);
(490660.0, 3624176.0, 111.0, 111.0, 0.0); (490710.0, 3624176.0, 111.1, 111.1, 0.0);
(489960.0, 3624226.0, 114.0, 114.0, 0.0); (490010.0, 3624226.0, 114.1, 114.1, 0.0);
(490060.0, 3624226.0, 114.0, 114.0, 0.0); (490110.0, 3624226.0, 113.8, 113.8, 0.0);
(490160.0, 3624226.0, 113.8, 113.8, 0.0); (490210.0, 3624226.0, 113.6, 113.6, 0.0);
(490260.0, 3624226.0, 113.4, 113.4, 0.0); (490310.0, 3624226.0, 113.6, 113.6, 0.0);
(490360.0, 3624226.0, 113.2, 113.2, 0.0); (490410.0, 3624226.0, 111.6, 111.6, 0.0);
(490460.0, 3624226.0, 109.3, 109.3, 0.0); (490510.0, 3624226.0, 109.7, 109.7, 0.0);
(490560.0, 3624226.0, 109.5, 109.5, 0.0); (490610.0, 3624226.0, 110.6, 110.6, 0.0);
(490660.0, 3624226.0, 111.3, 111.3, 0.0); (490710.0, 3624226.0, 111.2, 111.2, 0.0);
(489960.0, 3624276.0, 114.2, 114.2, 0.0); (490010.0, 3624276.0, 114.3, 114.3, 0.0);
(490060.0, 3624276.0, 114.0, 114.0, 0.0); (490110.0, 3624276.0, 113.9, 113.9, 0.0);
(490160.0, 3624276.0, 113.9, 113.9, 0.0); (490210.0, 3624276.0, 113.7, 113.7, 0.0);

```
     ( 490260.0, 3624276.0,     113.5,     113.5,       0.0);         ( 490310.0, 3624276.0,     113.0,     113.0,
0.0);
     ( 490360.0, 3624276.0,     112.7,     112.7,       0.0);         ( 490410.0, 3624276.0,     109.9,     112.7,
0.0);
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(490460.0, 3624276.0, 108.2, 108.2, 0.0); (490510.0, 3624276.0, 108.7, 108.7, 0.0);
(490560.0, 3624276.0, 109.4, 109.4, 0.0); (490610.0, 3624276.0, 110.8, 110.8, 0.0);
(490660.0, 3624276.0, 111.1, 111.1, 0.0); (490710.0, 3624276.0, 111.3, 111.3, 0.0);
(489960.0, 3624326.0, 114.5, 114.5, 0.0); (490010.0, 3624326.0, 114.5, 114.5, 0.0);
(490060.0, 3624326.0, 114.1, 114.1, 0.0); (490110.0, 3624326.0, 113.9, 113.9, 0.0);
(490160.0, 3624326.0, 113.9, 113.9, 0.0); (490210.0, 3624326.0, 113.7, 113.7, 0.0);
(490260.0, 3624326.0, 113.5, 113.5, 0.0); (490310.0, 3624326.0, 112.8, 112.8, 0.0);
(490360.0, 3624326.0, 112.2, 112.2, 0.0); (490410.0, 3624326.0, 109.4, 112.5, 0.0);
(490460.0, 3624326.0, 108.0, 108.0, 0.0); (490510.0, 3624326.0, 108.9, 108.9, 0.0);
(490560.0, 3624326.0, 109.3, 109.3, 0.0); (490610.0, 3624326.0, 110.2, 110.2, 0.0);
(490660.0, 3624326.0, 110.5, 110.5, 0.0); (490710.0, 3624326.0, 111.5, 111.5, 0.0);
(489960.0, 3624376.0, 114.6, 114.6, 0.0); (490010.0, 3624376.0, 114.3, 114.3, 0.0);
(490060.0, 3624376.0, 114.0, 114.0, 0.0); (490110.0, 3624376.0, 113.8, 113.8, 0.0);
(490160.0, 3624376.0, 113.7, 113.7, 0.0); (490410.0, 3624376.0, 109.6, 109.6, 0.0);
(490460.0, 3624376.0, 108.6, 108.6, 0.0); (490510.0, 3624376.0, 109.1, 109.1, 0.0);
(490560.0, 3624376.0, 109.1, 109.1, 0.0); (490610.0, 3624376.0, 109.9, 109.9, 0.0);
(490660.0, 3624376.0, 111.0, 111.0, 0.0); (490710.0, 3624376.0, 111.6, 111.6, 0.0);
(489960.0, 3624426.0, 114.7, 114.7, 0.0); (490010.0, 3624426.0, 114.5, 114.5, 0.0);
(490060.0, 3624426.0, 114.3, 114.3, 0.0); (490110.0, 3624426.0, 114.1, 114.1, 0.0);
(490160.0, 3624426.0, 114.3, 114.3, 0.0); (490410.0, 3624426.0, 109.5, 109.5, 0.0);
(490460.0, 3624426.0, 108.2, 108.7, 0.0); (490510.0, 3624426.0, 105.8, 111.2, 0.0);
(490560.0, 3624426.0, 110.2, 111.1, 0.0); (490610.0, 3624426.0, 110.2, 110.2, 0.0);
(490660.0, 3624426.0, 111.3, 111.3, 0.0); (490710.0, 3624426.0, 111.6, 111.6, 0.0);
(489960.0, 3624476.0, 114.8, 114.8, 0.0); (490010.0, 3624476.0, 114.6, 114.6, 0.0);
(490060.0, 3624476.0, 114.6, 114.6, 0.0); (490110.0, 3624476.0, 114.3, 114.3, 0.0);
(490160.0, 3624476.0, 114.9, 114.9, 0.0); (490410.0, 3624476.0, 105.1, 112.7, 0.0);
(490460.0, 3624476.0, 104.0, 109.2, 0.0); (490510.0, 3624476.0, 104.0, 111.2, 0.0);
(490560.0, 3624476.0, 111.0, 111.0, 0.0); (490610.0, 3624476.0, 110.4, 110.4, 0.0);
(490660.0, 3624476.0, 111.8, 111.8, 0.0); (490710.0, 3624476.0, 111.8, 111.8, 0.0);
(489960.0, 3624526.0, 114.9, 114.9, 0.0); (490010.0, 3624526.0, 115.1, 115.1, 0.0);
(490060.0, 3624526.0, 114.8, 114.8, 0.0); (490110.0, 3624526.0, 114.8, 114.8, 0.0);
(490160.0, 3624526.0, 114.9, 114.9, 0.0); (490410.0, 3624526.0, 109.4, 109.4, 0.0);
(490460.0, 3624526.0, 104.5, 110.2, 0.0); (490510.0, 3624526.0, 100.8, 111.3, 0.0);
(490560.0, 3624526.0, 110.0, 111.0, 0.0); (490610.0, 3624526.0, 110.5, 110.5, 0.0);
(490660.0, 3624526.0, 112.1, 112.1, 0.0); (490710.0, 3624526.0, 112.0, 112.0, 0.0);
(489960.0, 3624576.0, 115.5, 115.5, 0.0); (490010.0, 3624576.0, 115.4, 115.4, 0.0);
(490060.0, 3624576.0, 115.4, 115.4, 0.0); (490110.0, 3624576.0, 115.2, 115.2, 0.0);
(490160.0, 3624576.0, 114.4, 114.4, 0.0); (490210.0, 3624576.0, 113.7, 113.7, 0.0);
(490260.0, 3624576.0, 112.7, 112.7, 0.0); (490310.0, 3624576.0, 111.1, 111.1, 0.0);
(490360.0, 3624576.0, 110.8, 110.8, 0.0); (490410.0, 3624576.0, 110.0, 110.0, 0.0);
(490460.0, 3624576.0, 109.0, 109.0, 0.0); (490510.0, 3624576.0, 98.3, 112.2, 0.0);
(490560.0, 3624576.0, 98.1, 112.5, 0.0); (490610.0, 3624576.0, 110.9, 110.9, 0.0);
(490660.0, 3624576.0, 111.7, 111.7, 0.0); (490710.0, 3624576.0, 112.0, 112.0, 0.0);

```
     ( 489960.0, 3624626.0,     115.5,     115.5,       0.0);         ( 490010.0, 3624626.0,     115.4,     115.4,
0.0);
     ( 490060.0, 3624626.0,     115.5,     115.5,       0.0);         ( 490110.0, 3624626.0,     114.9,     114.9,
0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(490160.0, 3624626.0, 114.0, 114.0, 0.0); (490210.0, 3624626.0, 113.4, 113.4, 0.0);
(490260.0, 3624626.0, 112.4, 112.4, 0.0); (490310.0, 3624626.0, 111.8, 111.8, 0.0);
(490360.0, 3624626.0, 112.2, 112.2, 0.0); (490410.0, 3624626.0, 109.5, 112.0, 0.0);
(490460.0, 3624626.0, 109.5, 109.5, 0.0); (490510.0, 3624626.0, 106.8, 107.7, 0.0);
(490560.0, 3624626.0, 95.2, 112.5, 0.0); (490610.0, 3624626.0, 103.9, 112.4, 0.0);
(490660.0, 3624626.0, 111.2, 111.2, 0.0); (490710.0, 3624626.0, 111.8, 111.8, 0.0);
(489960.0, 3624676.0, 115.4, 115.4, 0.0); (490010.0, 3624676.0, 115.2, 115.2, 0.0);
(490060.0, 3624676.0, 114.9, 114.9, 0.0); (490110.0, 3624676.0, 114.3, 114.3, 0.0);
(490160.0, 3624676.0, 113.8, 113.8, 0.0); (490210.0, 3624676.0, 113.0, 113.0, 0.0);
(490260.0, 3624676.0, 112.1, 112.1, 0.0); (490310.0, 3624676.0, 111.8, 111.8, 0.0);
(490360.0, 3624676.0, 111.0, 111.0, 0.0); (490410.0, 3624676.0, 106.1, 112.5, 0.0);
(490460.0, 3624676.0, 98.2, 112.5, 0.0); (490510.0, 3624676.0, 98.4, 112.5, 0.0);
(490560.0, 3624676.0, 97.2, 112.4, 0.0); (490610.0, 3624676.0, 91.2, 112.5, 0.0);
(490660.0, 3624676.0, 105.5, 112.0, 0.0); (490710.0, 3624676.0, 111.4, 111.4, 0.0);
(489960.0, 3624726.0, 115.0, 115.0, 0.0); (490010.0, 3624726.0, 114.7, 114.7, 0.0);
(490060.0, 3624726.0, 114.4, 114.4, 0.0); (490110.0, 3624726.0, 114.1, 114.1, 0.0);
(490160.0, 3624726.0, 113.6, 113.6, 0.0); (490210.0, 3624726.0, 112.5, 112.5, 0.0);
(490260.0, 3624726.0, 111.2, 111.2, 0.0); (490310.0, 3624726.0, 108.7, 110.8, 0.0);
(490360.0, 3624726.0, 108.0, 108.0, 0.0); (490410.0, 3624726.0, 104.6, 110.2, 0.0);
(490460.0, 3624726.0, 106.3, 110.2, 0.0); (490510.0, 3624726.0, 109.5, 110.5, 0.0);
(490560.0, 3624726.0, 108.4, 108.4, 0.0); (490610.0, 3624726.0, 89.4, 112.5, 0.0);
(490660.0, 3624726.0, 88.0, 112.5, 0.0); (490710.0, 3624726.0, 106.8, 111.6, 0.0);
(489960.0, 3624776.0, 114.3, 114.3, 0.0); (490010.0, 3624776.0, 114.1, 114.1, 0.0);
(490060.0, 3624776.0, 113.9, 113.9, 0.0); (490110.0, 3624776.0, 113.5, 113.5, 0.0);
(490160.0, 3624776.0, 113.0, 113.0, 0.0); (490210.0, 3624776.0, 112.2, 112.2, 0.0);
(490260.0, 3624776.0, 111.6, 111.6, 0.0); (490310.0, 3624776.0, 110.9, 110.9, 0.0);
(490360.0, 3624776.0, 109.8, 109.8, 0.0); (490410.0, 3624776.0, 107.9, 110.3, 0.0);
(490460.0, 3624776.0, 110.0, 110.0, 0.0); (490510.0, 3624776.0, 111.0, 111.0, 0.0);
(490560.0, 3624776.0, 110.7, 110.7, 0.0); (490610.0, 3624776.0, 106.1, 110.9, 0.0);
(490660.0, 3624776.0, 85.9, 112.5, 0.0); (490710.0, 3624776.0, 85.5, 112.5, 0.0);
(489960.0, 3624826.0, 114.7, 114.7, 0.0); (490010.0, 3624826.0, 114.3, 114.3, 0.0);
(490060.0, 3624826.0, 114.0, 114.0, 0.0); (490110.0, 3624826.0, 114.1, 114.1, 0.0);
(490160.0, 3624826.0, 113.1, 113.1, 0.0); (490210.0, 3624826.0, 113.1, 113.1, 0.0);
(490260.0, 3624826.0, 112.1, 112.1, 0.0); (490310.0, 3624826.0, 111.3, 111.3, 0.0);
(490360.0, 3624826.0, 110.8, 110.8, 0.0); (490410.0, 3624826.0, 109.6, 109.6, 0.0);
(490460.0, 3624826.0, 110.0, 110.0, 0.0); (490510.0, 3624826.0, 110.9, 110.9, 0.0);
(490560.0, 3624826.0, 111.3, 111.3, 0.0); (490610.0, 3624826.0, 111.0, 111.0, 0.0);
(490660.0, 3624826.0, 100.1, 111.8, 0.0); (490710.0, 3624826.0, 82.3, 112.5, 0.0);
(489960.0, 3624876.0, 114.3, 114.3, 0.0); (490010.0, 3624876.0, 114.5, 114.5, 0.0);
(490060.0, 3624876.0, 114.1, 114.1, 0.0); (490110.0, 3624876.0, 113.6, 113.6, 0.0);
(490160.0, 3624876.0, 113.3, 113.3, 0.0); (490210.0, 3624876.0, 113.1, 113.1, 0.0);
(490260.0, 3624876.0, 112.5, 112.5, 0.0); (490310.0, 3624876.0, 111.6, 111.6, 0.0);
(490360.0, 3624876.0, 110.9, 110.9, 0.0); (490410.0, 3624876.0, 110.5, 110.5, 0.0);

```
     ( 490460.0, 3624876.0,     110.8,     110.8,       0.0);         ( 490510.0, 3624876.0,     111.2,     111.2,
0.0);
     ( 490560.0, 3624876.0,     111.2,     111.2,       0.0);         ( 490610.0, 3624876.0,     110.9,     110.9,
0.0);
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(490660.0, 3624876.0, 103.2, 111.7, 0.0); (490710.0, 3624876.0, 83.9, 112.3, 0.0);
(490210.0, 3624326.0, 113.7, 113.7, 0.0); (490220.0, 3624326.0, 113.9, 113.9, 0.0);
(490230.0, 3624326.0, 113.9, 113.9, 0.0); (490240.0, 3624326.0, 113.9, 113.9, 0.0);
(490250.0, 3624326.0, 113.6, 113.6, 0.0); (490260.0, 3624326.0, 113.5, 113.5, 0.0);
(490270.0, 3624326.0, 113.5, 113.5, 0.0); (490280.0, 3624326.0, 113.5, 113.5, 0.0);
(490290.0, 3624326.0, 113.5, 113.5, 0.0); (490300.0, 3624326.0, 113.2, 113.2, 0.0);
(490310.0, 3624326.0, 112.8, 112.8, 0.0); (490320.0, 3624326.0, 112.8, 112.8, 0.0);
(490330.0, 3624326.0, 112.7, 112.7, 0.0); (490340.0, 3624326.0, 112.5, 112.5, 0.0);
(490350.0, 3624326.0, 112.2, 112.2, 0.0); (490360.0, 3624326.0, 112.2, 112.2, 0.0);
(490370.0, 3624326.0, 111.9, 111.9, 0.0); (490380.0, 3624326.0, 111.3, 111.3, 0.0);
(490390.0, 3624326.0, 110.6, 112.5, 0.0); (490400.0, 3624326.0, 110.1, 112.5, 0.0);
(490410.0, 3624326.0, 109.4, 112.5, 0.0); (490420.0, 3624326.0, 108.6, 112.5, 0.0);
(490430.0, 3624326.0, 108.5, 108.5, 0.0); (490440.0, 3624326.0, 108.4, 108.4, 0.0);
(490450.0, 3624326.0, 108.1, 108.1, 0.0); (490460.0, 3624326.0, 108.0, 108.0, 0.0);
(490210.0, 3624336.0, 113.7, 113.7, 0.0); (490220.0, 3624336.0, 113.9, 113.9, 0.0);
(490230.0, 3624336.0, 114.0, 114.0, 0.0); (490240.0, 3624336.0, 114.0, 114.0, 0.0);
(490250.0, 3624336.0, 113.6, 113.6, 0.0); (490260.0, 3624336.0, 113.5, 113.5, 0.0);
(490270.0, 3624336.0, 113.6, 113.6, 0.0); (490280.0, 3624336.0, 113.6, 113.6, 0.0);
(490290.0, 3624336.0, 113.5, 113.5, 0.0); (490300.0, 3624336.0, 113.2, 113.2, 0.0);
(490310.0, 3624336.0, 112.8, 112.8, 0.0); (490320.0, 3624336.0, 112.9, 112.9, 0.0);
(490330.0, 3624336.0, 112.8, 112.8, 0.0); (490340.0, 3624336.0, 112.6, 112.6, 0.0);
(490350.0, 3624336.0, 112.1, 112.1, 0.0); (490360.0, 3624336.0, 112.1, 112.1, 0.0);
(490370.0, 3624336.0, 111.8, 111.8, 0.0); (490380.0, 3624336.0, 111.3, 111.3, 0.0);
(490390.0, 3624336.0, 110.7, 110.7, 0.0); (490400.0, 3624336.0, 110.1, 110.1, 0.0);
(490410.0, 3624336.0, 109.4, 109.4, 0.0); (490420.0, 3624336.0, 108.7, 108.7, 0.0);
(490430.0, 3624336.0, 108.7, 108.7, 0.0); (490440.0, 3624336.0, 108.5, 108.5, 0.0);
(490450.0, 3624336.0, 108.2, 108.2, 0.0); (490460.0, 3624336.0, 108.2, 108.2, 0.0);
(490210.0, 3624346.0, 113.6, 113.6, 0.0); (490220.0, 3624346.0, 113.8, 113.8, 0.0);
(490230.0, 3624346.0, 113.9, 113.9, 0.0); (490240.0, 3624346.0, 113.9, 113.9, 0.0);
(490250.0, 3624346.0, 113.6, 113.6, 0.0); (490260.0, 3624346.0, 113.5, 113.5, 0.0);
(490270.0, 3624346.0, 113.6, 113.6, 0.0); (490280.0, 3624346.0, 113.6, 113.6, 0.0);
(490290.0, 3624346.0, 113.4, 113.4, 0.0); (490300.0, 3624346.0, 113.2, 113.2, 0.0);
(490310.0, 3624346.0, 112.8, 112.8, 0.0); (490320.0, 3624346.0, 112.8, 112.8, 0.0);
(490330.0, 3624346.0, 112.7, 112.7, 0.0); (490340.0, 3624346.0, 112.5, 112.5, 0.0);
(490350.0, 3624346.0, 112.0, 112.0, 0.0); (490360.0, 3624346.0, 112.0, 112.0, 0.0);
(490370.0, 3624346.0, 111.8, 111.8, 0.0); (490380.0, 3624346.0, 111.3, 111.3, 0.0);
(490390.0, 3624346.0, 110.7, 110.7, 0.0); (490400.0, 3624346.0, 110.0, 110.0, 0.0);
(490410.0, 3624346.0, 109.3, 109.3, 0.0); (490420.0, 3624346.0, 108.9, 108.9, 0.0);
(490430.0, 3624346.0, 108.8, 108.8, 0.0); (490440.0, 3624346.0, 108.6, 108.6, 0.0);
(490450.0, 3624346.0, 108.4, 108.4, 0.0); (490460.0, 3624346.0, 108.4, 108.4, 0.0);
(490210.0, 3624356.0, 113.6, 113.6, 0.0); (490220.0, 3624356.0, 113.7, 113.7, 0.0);
(490230.0, 3624356.0, 113.7, 113.7, 0.0); (490240.0, 3624356.0, 113.7, 113.7, 0.0);
(490250.0, 3624356.0, 113.6, 113.6, 0.0); (490260.0, 3624356.0, 113.5, 113.5, 0.0);

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     ( 490270.0, 3624356.0,     113.5,     113.5,       0.0);         ( 490280.0, 3624356.0,     113.4,     113.4,
0.0);
     ( 490290.0, 3624356.0,     113.3,     113.3,       0.0);         ( 490300.0, 3624356.0,     113.1,     113.1,
0.0);
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(490310.0, 3624356.0, 112.8, 112.8, 0.0); (490320.0, 3624356.0, 112.8, 112.8, 0.0);
(490330.0, 3624356.0, 112.6, 112.6, 0.0); (490340.0, 3624356.0, 112.4, 112.4, 0.0);
(490350.0, 3624356.0, 112.1, 112.1, 0.0); (490360.0, 3624356.0, 111.9, 111.9, 0.0);
(490370.0, 3624356.0, 111.7, 111.7, 0.0); (490380.0, 3624356.0, 111.2, 111.2, 0.0);
(490390.0, 3624356.0, 110.6, 110.6, 0.0); (490400.0, 3624356.0, 110.1, 110.1, 0.0);
(490410.0, 3624356.0, 109.5, 109.5, 0.0); (490420.0, 3624356.0, 109.2, 109.2, 0.0);
(490430.0, 3624356.0, 108.9, 108.9, 0.0); (490440.0, 3624356.0, 108.7, 108.7, 0.0);
(490450.0, 3624356.0, 108.6, 108.6, 0.0); (490460.0, 3624356.0, 108.6, 108.6, 0.0);
(490210.0, 3624366.0, 113.7, 113.7, 0.0); (490220.0, 3624366.0, 113.7, 113.7, 0.0);
(490230.0, 3624366.0, 113.7, 113.7, 0.0); (490240.0, 3624366.0, 113.7, 113.7, 0.0);
(490250.0, 3624366.0, 113.5, 113.5, 0.0); (490370.0, 3624366.0, 111.5, 111.5, 0.0);
(490380.0, 3624366.0, 111.1, 111.1, 0.0); (490390.0, 3624366.0, 110.6, 110.6, 0.0);
(490400.0, 3624366.0, 110.1, 110.1, 0.0); (490410.0, 3624366.0, 109.7, 109.7, 0.0);
(490420.0, 3624366.0, 109.3, 109.3, 0.0); (490430.0, 3624366.0, 109.0, 109.0, 0.0);
(490440.0, 3624366.0, 108.8, 108.8, 0.0); (490450.0, 3624366.0, 108.8, 108.8, 0.0);
(490460.0, 3624366.0, 108.7, 108.7, 0.0); (490210.0, 3624376.0, 113.7, 113.7, 0.0);
(490220.0, 3624376.0, 113.8, 113.8, 0.0); (490230.0, 3624376.0, 113.8, 113.8, 0.0);
(490240.0, 3624376.0, 113.8, 113.8, 0.0); (490250.0, 3624376.0, 113.6, 113.6, 0.0);
(490370.0, 3624376.0, 111.5, 111.5, 0.0); (490380.0, 3624376.0, 111.1, 111.1, 0.0);
(490390.0, 3624376.0, 110.6, 110.6, 0.0); (490400.0, 3624376.0, 110.1, 110.1, 0.0);
(490410.0, 3624376.0, 109.6, 109.6, 0.0); (490420.0, 3624376.0, 109.3, 109.3, 0.0);
(490430.0, 3624376.0, 108.9, 108.9, 0.0); (490440.0, 3624376.0, 108.6, 108.6, 0.0);
(490450.0, 3624376.0, 108.6, 108.6, 0.0); (490460.0, 3624376.0, 108.6, 108.6, 0.0);
(490210.0, 3624386.0, 113.8, 113.8, 0.0); (490220.0, 3624386.0, 114.1, 114.1, 0.0);
(490230.0, 3624386.0, 114.1, 114.1, 0.0); (490240.0, 3624386.0, 114.1, 114.1, 0.0);
(490250.0, 3624386.0, 113.9, 113.9, 0.0); (490370.0, 3624386.0, 111.5, 111.5, 0.0);
(490380.0, 3624386.0, 111.2, 111.2, 0.0); (490390.0, 3624386.0, 110.7, 110.7, 0.0);
(490400.0, 3624386.0, 110.2, 110.2, 0.0); (490410.0, 3624386.0, 109.7, 109.7, 0.0);
(490420.0, 3624386.0, 109.5, 109.5, 0.0); (490430.0, 3624386.0, 109.0, 109.0, 0.0);
(490440.0, 3624386.0, 108.4, 108.4, 0.0); (490450.0, 3624386.0, 108.3, 108.3, 0.0);
(490460.0, 3624386.0, 108.3, 108.3, 0.0); (490210.0, 3624396.0, 113.9, 113.9, 0.0);
(490220.0, 3624396.0, 114.1, 114.1, 0.0); (490230.0, 3624396.0, 114.2, 114.2, 0.0);
(490240.0, 3624396.0, 114.2, 114.2, 0.0); (490250.0, 3624396.0, 114.0, 114.0, 0.0);
(490370.0, 3624396.0, 111.2, 111.2, 0.0); (490380.0, 3624396.0, 111.1, 111.1, 0.0);
(490390.0, 3624396.0, 110.7, 110.7, 0.0); (490400.0, 3624396.0, 110.2, 110.2, 0.0);
(490410.0, 3624396.0, 109.9, 109.9, 0.0); (490420.0, 3624396.0, 109.5, 109.5, 0.0);
(490430.0, 3624396.0, 109.1, 109.1, 0.0); (490440.0, 3624396.0, 108.3, 108.3, 0.0);
(490450.0, 3624396.0, 108.1, 108.1, 0.0); (490460.0, 3624396.0, 108.1, 108.1, 0.0);
(490210.0, 3624406.0, 114.0, 114.0, 0.0); (490220.0, 3624406.0, 114.2, 114.2, 0.0);
(490230.0, 3624406.0, 114.2, 114.2, 0.0); (490240.0, 3624406.0, 114.3, 114.3, 0.0);
(490250.0, 3624406.0, 114.1, 114.1, 0.0); (490370.0, 3624406.0, 110.9, 110.9, 0.0);
(490380.0, 3624406.0, 111.0, 111.0, 0.0); (490390.0, 3624406.0, 110.6, 110.6, 0.0);
(490400.0, 3624406.0, 110.2, 110.2, 0.0); (490410.0, 3624406.0, 109.8, 109.8, 0.0);

```
     ( 490420.0, 3624406.0,     109.4,     109.4,       0.0);         ( 490430.0, 3624406.0,     109.2,     109.2,
0.0);
     ( 490440.0, 3624406.0,     108.6,     108.6,       0.0);         ( 490450.0, 3624406.0,     108.0,     108.0,
0.0);
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(490460.0, 3624406.0, 107.9, 107.9, 0.0); (490210.0, 3624416.0, 114.1, 114.1, 0.0);
(490220.0, 3624416.0, 114.3, 114.3, 0.0); (490230.0, 3624416.0, 114.2, 114.2, 0.0);
(490240.0, 3624416.0, 114.3, 114.3, 0.0); (490250.0, 3624416.0, 114.1, 114.1, 0.0);
(490370.0, 3624416.0, 110.5, 110.5, 0.0); (490380.0, 3624416.0, 110.6, 110.6, 0.0);
(490390.0, 3624416.0, 110.4, 110.4, 0.0); (490400.0, 3624416.0, 110.0, 110.0, 0.0);
(490410.0, 3624416.0, 109.7, 109.7, 0.0); (490420.0, 3624416.0, 109.4, 109.4, 0.0);
(490430.0, 3624416.0, 109.2, 109.2, 0.0); (490440.0, 3624416.0, 109.0, 109.0, 0.0);
(490450.0, 3624416.0, 108.2, 108.2, 0.0); (490460.0, 3624416.0, 107.9, 107.9, 0.0);
(490210.0, 3624426.0, 114.3, 114.3, 0.0); (490220.0, 3624426.0, 114.4, 114.4, 0.0);
(490230.0, 3624426.0, 114.5, 114.5, 0.0); (490240.0, 3624426.0, 114.4, 114.4, 0.0);
(490250.0, 3624426.0, 114.1, 114.1, 0.0); (490370.0, 3624426.0, 110.1, 110.1, 0.0);
(490380.0, 3624426.0, 110.2, 110.2, 0.0); (490390.0, 3624426.0, 110.0, 110.0, 0.0);
(490400.0, 3624426.0, 109.8, 109.8, 0.0); (490410.0, 3624426.0, 109.5, 109.5, 0.0);
(490420.0, 3624426.0, 109.3, 109.3, 0.0); (490430.0, 3624426.0, 109.1, 109.1, 0.0);
(490440.0, 3624426.0, 109.0, 109.0, 0.0); (490450.0, 3624426.0, 108.8, 108.8, 0.0);
(490460.0, 3624426.0, 108.2, 108.7, 0.0); (490210.0, 3624436.0, 114.4, 114.4, 0.0);
(490220.0, 3624436.0, 114.5, 114.5, 0.0); (490230.0, 3624436.0, 114.5, 114.5, 0.0);
(490240.0, 3624436.0, 114.4, 114.4, 0.0); (490250.0, 3624436.0, 114.0, 114.0, 0.0);
(490370.0, 3624436.0, 109.7, 112.7, 0.0); (490380.0, 3624436.0, 109.8, 109.8, 0.0);
(490390.0, 3624436.0, 109.6, 109.6, 0.0); (490400.0, 3624436.0, 109.4, 109.4, 0.0);
(490410.0, 3624436.0, 109.2, 109.2, 0.0); (490420.0, 3624436.0, 109.2, 109.2, 0.0);
(490430.0, 3624436.0, 108.8, 108.8, 0.0); (490440.0, 3624436.0, 108.9, 108.9, 0.0);
(490450.0, 3624436.0, 109.0, 109.0, 0.0); (490460.0, 3624436.0, 108.6, 108.6, 0.0);
(490210.0, 3624446.0, 114.5, 114.5, 0.0); (490220.0, 3624446.0, 114.5, 114.5, 0.0);
(490230.0, 3624446.0, 114.4, 114.4, 0.0); (490240.0, 3624446.0, 114.2, 114.2, 0.0);
(490250.0, 3624446.0, 113.9, 113.9, 0.0); (490370.0, 3624446.0, 109.5, 112.7, 0.0);
(490380.0, 3624446.0, 109.3, 109.3, 0.0); (490390.0, 3624446.0, 109.2, 109.2, 0.0);
(490400.0, 3624446.0, 109.1, 109.1, 0.0); (490410.0, 3624446.0, 108.9, 108.9, 0.0);
(490420.0, 3624446.0, 108.8, 108.8, 0.0); (490430.0, 3624446.0, 108.7, 108.7, 0.0);
(490440.0, 3624446.0, 108.7, 108.7, 0.0); (490450.0, 3624446.0, 108.8, 108.8, 0.0);
(490460.0, 3624446.0, 108.5, 108.5, 0.0); (490210.0, 3624456.0, 114.5, 114.5, 0.0);
(490220.0, 3624456.0, 114.5, 114.5, 0.0); (490230.0, 3624456.0, 114.5, 114.5, 0.0);
(490240.0, 3624456.0, 114.2, 114.2, 0.0); (490250.0, 3624456.0, 113.9, 113.9, 0.0);
(490370.0, 3624456.0, 109.3, 112.7, 0.0); (490380.0, 3624456.0, 109.3, 109.3, 0.0);
(490390.0, 3624456.0, 109.0, 109.0, 0.0); (490400.0, 3624456.0, 108.8, 108.8, 0.0);
(490410.0, 3624456.0, 108.6, 108.6, 0.0); (490420.0, 3624456.0, 108.7, 108.8, 0.0);
(490430.0, 3624456.0, 108.6, 108.7, 0.0); (490440.0, 3624456.0, 108.5, 108.5, 0.0);
(490450.0, 3624456.0, 108.4, 108.4, 0.0); (490460.0, 3624456.0, 107.8, 108.4, 0.0);
(490210.0, 3624466.0, 114.5, 114.5, 0.0); (490220.0, 3624466.0, 114.5, 114.5, 0.0);
(490230.0, 3624466.0, 114.4, 114.4, 0.0); (490240.0, 3624466.0, 114.1, 114.1, 0.0);
(490250.0, 3624466.0, 113.7, 113.7, 0.0); (490370.0, 3624466.0, 109.0, 112.7, 0.0);
(490380.0, 3624466.0, 108.9, 108.9, 0.0); (490390.0, 3624466.0, 108.3, 108.8, 0.0);
(490400.0, 3624466.0, 107.6, 109.2, 0.0); (490410.0, 3624466.0, 107.2, 109.2, 0.0);

```
     ( 490420.0, 3624466.0,     107.2,     108.8,       0.0);         ( 490430.0, 3624466.0,     107.3,     108.8,
0.0);
     ( 490440.0, 3624466.0,     107.6,     108.0,       0.0);         ( 490450.0, 3624466.0,     107.2,     108.7,
0.0);
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(490460.0, 3624466.0, 106.4, 108.8, 0.0); (490210.0, 3624476.0, 114.5, 114.5, 0.0);
(490220.0, 3624476.0, 114.5, 114.5, 0.0); (490230.0, 3624476.0, 114.2, 114.2, 0.0);
(490240.0, 3624476.0, 114.0, 114.0, 0.0); (490250.0, 3624476.0, 113.7, 113.7, 0.0);
(490370.0, 3624476.0, 108.6, 108.6, 0.0); (490380.0, 3624476.0, 108.2, 108.5, 0.0);
(490390.0, 3624476.0, 107.6, 108.8, 0.0); (490400.0, 3624476.0, 106.9, 109.2, 0.0);
(490410.0, 3624476.0, 105.1, 112.7, 0.0); (490420.0, 3624476.0, 104.4, 110.3, 0.0);
(490430.0, 3624476.0, 104.5, 109.3, 0.0); (490440.0, 3624476.0, 104.6, 109.3, 0.0);
(490450.0, 3624476.0, 104.6, 109.2, 0.0); (490460.0, 3624476.0, 104.0, 109.2, 0.0);
(490210.0, 3624486.0, 114.5, 114.5, 0.0); (490220.0, 3624486.0, 114.4, 114.4, 0.0);
(490230.0, 3624486.0, 114.2, 114.2, 0.0); (490240.0, 3624486.0, 113.8, 113.8, 0.0);
(490250.0, 3624486.0, 113.6, 113.6, 0.0); (490380.0, 3624486.0, 108.2, 108.2, 0.0);
(490390.0, 3624486.0, 107.7, 107.7, 0.0); (490400.0, 3624486.0, 106.3, 110.3, 0.0);
(490410.0, 3624486.0, 101.8, 113.1, 0.0); (490420.0, 3624486.0, 100.8, 113.1, 0.0);
(490430.0, 3624486.0, 100.4, 112.9, 0.0); (490440.0, 3624486.0, 100.3, 112.7, 0.0);
(490450.0, 3624486.0, 100.2, 112.7, 0.0); (490460.0, 3624486.0, 100.9, 111.2, 0.0);
(490210.0, 3624496.0, 114.4, 114.4, 0.0); (490220.0, 3624496.0, 114.2, 114.2, 0.0);
(490230.0, 3624496.0, 114.0, 114.0, 0.0); (490240.0, 3624496.0, 113.7, 113.7, 0.0);
(490250.0, 3624496.0, 113.5, 113.5, 0.0); (490390.0, 3624496.0, 108.0, 110.3, 0.0);
(490400.0, 3624496.0, 106.9, 110.3, 0.0); (490410.0, 3624496.0, 104.5, 110.6, 0.0);
(490420.0, 3624496.0, 103.9, 110.6, 0.0); (490430.0, 3624496.0, 103.0, 110.6, 0.0);
(490440.0, 3624496.0, 101.5, 112.7, 0.0); (490450.0, 3624496.0, 100.3, 112.7, 0.0);
(490460.0, 3624496.0, 99.0, 112.7, 0.0); (490210.0, 3624506.0, 114.3, 114.3, 0.0);
(490220.0, 3624506.0, 114.1, 114.1, 0.0); (490230.0, 3624506.0, 113.8, 113.8, 0.0);
(490240.0, 3624506.0, 113.6, 113.6, 0.0); (490250.0, 3624506.0, 113.4, 113.4, 0.0);
(490400.0, 3624506.0, 108.6, 110.3, 0.0); (490410.0, 3624506.0, 108.8, 108.8, 0.0);
(490420.0, 3624506.0, 108.7, 108.7, 0.0); (490430.0, 3624506.0, 107.1, 109.5, 0.0);
(490440.0, 3624506.0, 106.1, 109.5, 0.0); (490450.0, 3624506.0, 104.2, 110.2, 0.0);
(490460.0, 3624506.0, 101.6, 111.2, 0.0); (490210.0, 3624516.0, 114.2, 114.2, 0.0);
(490220.0, 3624516.0, 113.9, 113.9, 0.0); (490230.0, 3624516.0, 113.8, 113.8, 0.0);
(490240.0, 3624516.0, 113.6, 113.6, 0.0); (490250.0, 3624516.0, 113.4, 113.4, 0.0);
(490410.0, 3624516.0, 109.1, 109.1, 0.0); (490420.0, 3624516.0, 109.0, 109.0, 0.0);
(490430.0, 3624516.0, 108.1, 108.1, 0.0); (490440.0, 3624516.0, 107.4, 107.4, 0.0);
(490450.0, 3624516.0, 106.3, 109.5, 0.0); (490460.0, 3624516.0, 104.1, 110.2, 0.0);
(490210.0, 3624526.0, 114.1, 114.1, 0.0); (490220.0, 3624526.0, 113.8, 113.8, 0.0);
(490230.0, 3624526.0, 113.6, 113.6, 0.0); (490240.0, 3624526.0, 113.5, 113.5, 0.0);
(490250.0, 3624526.0, 113.3, 113.3, 0.0); (490410.0, 3624526.0, 109.4, 109.4, 0.0);
(490420.0, 3624526.0, 109.4, 109.4, 0.0); (490430.0, 3624526.0, 108.6, 108.6, 0.0);
(490440.0, 3624526.0, 108.0, 108.0, 0.0); (490450.0, 3624526.0, 106.9, 108.3, 0.0);
(490460.0, 3624526.0, 104.5, 110.2, 0.0); (490210.0, 3624536.0, 114.0, 114.0, 0.0);
(490220.0, 3624536.0, 113.8, 113.8, 0.0); (490230.0, 3624536.0, 113.6, 113.6, 0.0);
(490240.0, 3624536.0, 113.5, 113.5, 0.0); (490250.0, 3624536.0, 113.3, 113.3, 0.0);
(490410.0, 3624536.0, 109.8, 109.8, 0.0); (490420.0, 3624536.0, 109.6, 109.6, 0.0);
(490430.0, 3624536.0, 108.9, 108.9, 0.0); (490440.0, 3624536.0, 108.4, 108.4, 0.0);

```
     ( 490450.0, 3624536.0,     108.0,     108.0,       0.0);         ( 490460.0, 3624536.0,     106.1,     109.9,
0.0);
     ( 490210.0, 3624546.0,     113.9,     113.9,       0.0);         ( 490220.0, 3624546.0,     113.8,     113.8,
0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(490230.0, 3624546.0, 113.6, 113.6, 0.0); (490240.0, 3624546.0, 113.5, 113.5, 0.0);
(490250.0, 3624546.0, 113.2, 113.2, 0.0); (490410.0, 3624546.0, 110.1, 110.1, 0.0);
(490420.0, 3624546.0, 109.8, 109.8, 0.0); (490430.0, 3624546.0, 109.3, 109.3, 0.0);
(490440.0, 3624546.0, 108.8, 108.8, 0.0); (490450.0, 3624546.0, 108.3, 108.3, 0.0);
(490460.0, 3624546.0, 107.5, 109.4, 0.0); (490210.0, 3624556.0, 113.9, 113.9, 0.0);
(490220.0, 3624556.0, 113.7, 113.7, 0.0); (490230.0, 3624556.0, 113.5, 113.5, 0.0);
(490240.0, 3624556.0, 113.3, 113.3, 0.0); (490250.0, 3624556.0, 113.1, 113.1, 0.0);
(490410.0, 3624556.0, 110.1, 110.1, 0.0); (490420.0, 3624556.0, 110.2, 110.2, 0.0);
(490430.0, 3624556.0, 109.8, 109.8, 0.0); (490440.0, 3624556.0, 109.5, 109.5, 0.0);
(490450.0, 3624556.0, 108.9, 109.4, 0.0); (490460.0, 3624556.0, 108.1, 108.1, 0.0);
(490210.0, 3624566.0, 113.6, 113.6, 0.0); (490220.0, 3624566.0, 113.5, 113.5, 0.0);
(490230.0, 3624566.0, 113.2, 113.2, 0.0); (490240.0, 3624566.0, 113.0, 113.0, 0.0);
(490250.0, 3624566.0, 112.8, 112.8, 0.0); (490260.0, 3624566.0, 112.7, 112.7, 0.0);
(490270.0, 3624566.0, 112.4, 112.4, 0.0); (490280.0, 3624566.0, 112.1, 112.1, 0.0);
(490290.0, 3624566.0, 111.7, 111.7, 0.0); (490300.0, 3624566.0, 111.3, 111.3, 0.0);
(490310.0, 3624566.0, 110.9, 110.9, 0.0); (490320.0, 3624566.0, 110.5, 110.5, 0.0);
(490330.0, 3624566.0, 110.1, 110.1, 0.0); (490340.0, 3624566.0, 110.2, 110.2, 0.0);
(490350.0, 3624566.0, 110.2, 110.2, 0.0); (490360.0, 3624566.0, 110.2, 110.2, 0.0);
(490370.0, 3624566.0, 110.2, 110.2, 0.0); (490380.0, 3624566.0, 110.5, 110.5, 0.0);
(490390.0, 3624566.0, 110.7, 110.7, 0.0); (490400.0, 3624566.0, 110.4, 110.4, 0.0);
(490410.0, 3624566.0, 110.1, 110.1, 0.0); (490420.0, 3624566.0, 110.2, 110.2, 0.0);
(490430.0, 3624566.0, 109.9, 109.9, 0.0); (490440.0, 3624566.0, 109.7, 109.7, 0.0);
(490450.0, 3624566.0, 109.2, 109.2, 0.0); (490460.0, 3624566.0, 108.8, 108.8, 0.0);
(490210.0, 3624576.0, 113.7, 113.7, 0.0); (490220.0, 3624576.0, 113.6, 113.6, 0.0);
(490230.0, 3624576.0, 113.3, 113.3, 0.0); (490240.0, 3624576.0, 113.2, 113.2, 0.0);
(490250.0, 3624576.0, 112.9, 112.9, 0.0); (490260.0, 3624576.0, 112.7, 112.7, 0.0);
(490270.0, 3624576.0, 112.5, 112.5, 0.0); (490280.0, 3624576.0, 112.1, 112.1, 0.0);
(490290.0, 3624576.0, 111.7, 111.7, 0.0); (490300.0, 3624576.0, 111.4, 111.4, 0.0);
(490310.0, 3624576.0, 111.1, 111.1, 0.0); (490320.0, 3624576.0, 110.7, 110.7, 0.0);
(490330.0, 3624576.0, 110.3, 110.3, 0.0); (490340.0, 3624576.0, 110.5, 110.5, 0.0);
(490350.0, 3624576.0, 110.8, 110.8, 0.0); (490360.0, 3624576.0, 110.8, 110.8, 0.0);
(490370.0, 3624576.0, 110.9, 110.9, 0.0); (490380.0, 3624576.0, 111.0, 111.0, 0.0);
(490390.0, 3624576.0, 110.9, 110.9, 0.0); (490400.0, 3624576.0, 110.4, 110.4, 0.0);
(490410.0, 3624576.0, 110.0, 110.0, 0.0); (490420.0, 3624576.0, 110.1, 110.1, 0.0);
(490430.0, 3624576.0, 110.0, 110.0, 0.0); (490440.0, 3624576.0, 109.8, 109.8, 0.0);
(490450.0, 3624576.0, 109.3, 109.3, 0.0); (490460.0, 3624576.0, 109.0, 109.0, 0.0);
(490210.0, 3624586.0, 113.7, 113.7, 0.0); (490220.0, 3624586.0, 113.5, 113.5, 0.0);
(490230.0, 3624586.0, 113.3, 113.3, 0.0); (490240.0, 3624586.0, 113.1, 113.1, 0.0);
(490250.0, 3624586.0, 112.9, 112.9, 0.0); (490260.0, 3624586.0, 112.6, 112.6, 0.0);
(490270.0, 3624586.0, 112.3, 112.3, 0.0); (490280.0, 3624586.0, 111.9, 111.9, 0.0);
(490290.0, 3624586.0, 111.7, 111.7, 0.0); (490300.0, 3624586.0, 111.4, 111.4, 0.0);
(490310.0, 3624586.0, 111.2, 111.2, 0.0); (490320.0, 3624586.0, 110.8, 110.8, 0.0);
(490330.0, 3624586.0, 110.6, 110.6, 0.0); (490340.0, 3624586.0, 110.8, 110.8, 0.0);

```
     ( 490350.0, 3624586.0,     111.0,     111.0,       0.0);         ( 490360.0, 3624586.0,     111.0,     111.0,
0.0);
     ( 490370.0, 3624586.0,     111.1,     111.1,       0.0);         ( 490380.0, 3624586.0,     111.1,     111.1,
0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(490390.0, 3624586.0, 111.0, 111.0, 0.0); (490400.0, 3624586.0, 110.4, 110.4, 0.0);
(490410.0, 3624586.0, 110.0, 110.0, 0.0); (490420.0, 3624586.0, 110.4, 110.4, 0.0);
(490430.0, 3624586.0, 110.3, 110.3, 0.0); (490440.0, 3624586.0, 110.0, 110.0, 0.0);
(490450.0, 3624586.0, 109.5, 109.5, 0.0); (490460.0, 3624586.0, 109.2, 109.2, 0.0);
(490210.0, 3624596.0, 113.6, 113.6, 0.0); (490220.0, 3624596.0, 113.4, 113.4, 0.0);
(490230.0, 3624596.0, 113.2, 113.2, 0.0); (490240.0, 3624596.0, 113.0, 113.0, 0.0);
(490250.0, 3624596.0, 112.8, 112.8, 0.0); (490260.0, 3624596.0, 112.5, 112.5, 0.0);
(490270.0, 3624596.0, 112.2, 112.2, 0.0); (490280.0, 3624596.0, 111.9, 111.9, 0.0);
(490290.0, 3624596.0, 111.8, 111.8, 0.0); (490300.0, 3624596.0, 111.4, 111.4, 0.0);
(490310.0, 3624596.0, 111.3, 111.3, 0.0); (490320.0, 3624596.0, 111.1, 111.1, 0.0);
(490330.0, 3624596.0, 110.8, 110.8, 0.0); (490340.0, 3624596.0, 111.0, 111.0, 0.0);
(490350.0, 3624596.0, 111.3, 111.3, 0.0); (490360.0, 3624596.0, 111.3, 111.3, 0.0);
(490370.0, 3624596.0, 111.4, 111.4, 0.0); (490380.0, 3624596.0, 111.4, 111.4, 0.0);
(490390.0, 3624596.0, 111.2, 111.2, 0.0); (490400.0, 3624596.0, 110.4, 111.1, 0.0);
(490410.0, 3624596.0, 109.9, 109.9, 0.0); (490420.0, 3624596.0, 109.9, 109.9, 0.0);
(490430.0, 3624596.0, 109.7, 109.7, 0.0); (490440.0, 3624596.0, 109.6, 109.6, 0.0);
(490450.0, 3624596.0, 109.3, 109.3, 0.0); (490460.0, 3624596.0, 109.2, 109.2, 0.0);
(490210.0, 3624606.0, 113.5, 113.5, 0.0); (490220.0, 3624606.0, 113.4, 113.4, 0.0);
(490230.0, 3624606.0, 113.2, 113.2, 0.0); (490240.0, 3624606.0, 113.0, 113.0, 0.0);
(490250.0, 3624606.0, 112.7, 112.7, 0.0); (490260.0, 3624606.0, 112.5, 112.5, 0.0);
(490270.0, 3624606.0, 112.2, 112.2, 0.0); (490280.0, 3624606.0, 111.9, 111.9, 0.0);
(490290.0, 3624606.0, 111.8, 111.8, 0.0); (490300.0, 3624606.0, 111.6, 111.6, 0.0);
(490310.0, 3624606.0, 111.5, 111.5, 0.0); (490320.0, 3624606.0, 111.3, 111.3, 0.0);
(490330.0, 3624606.0, 111.1, 111.1, 0.0); (490340.0, 3624606.0, 111.2, 111.2, 0.0);
(490350.0, 3624606.0, 111.7, 111.7, 0.0); (490360.0, 3624606.0, 111.6, 111.6, 0.0);
(490370.0, 3624606.0, 111.8, 111.8, 0.0); (490380.0, 3624606.0, 111.8, 111.8, 0.0);
(490390.0, 3624606.0, 111.6, 111.6, 0.0); (490400.0, 3624606.0, 110.5, 111.5, 0.0);
(490410.0, 3624606.0, 109.9, 111.5, 0.0); (490420.0, 3624606.0, 109.8, 109.8, 0.0);
(490430.0, 3624606.0, 109.7, 109.7, 0.0); (490440.0, 3624606.0, 109.6, 109.6, 0.0);
(490450.0, 3624606.0, 109.5, 109.5, 0.0); (490460.0, 3624606.0, 109.3, 109.3, 0.0);
(490210.0, 3624616.0, 113.4, 113.4, 0.0); (490220.0, 3624616.0, 113.3, 113.3, 0.0);
(490230.0, 3624616.0, 113.1, 113.1, 0.0); (490240.0, 3624616.0, 112.9, 112.9, 0.0);
(490250.0, 3624616.0, 112.6, 112.6, 0.0); (490260.0, 3624616.0, 112.4, 112.4, 0.0);
(490270.0, 3624616.0, 112.2, 112.2, 0.0); (490280.0, 3624616.0, 111.9, 111.9, 0.0);
(490290.0, 3624616.0, 111.8, 111.8, 0.0); (490300.0, 3624616.0, 111.7, 111.7, 0.0);
(490310.0, 3624616.0, 111.6, 111.6, 0.0); (490320.0, 3624616.0, 111.5, 111.5, 0.0);
(490330.0, 3624616.0, 111.2, 111.2, 0.0); (490340.0, 3624616.0, 111.6, 111.6, 0.0);
(490350.0, 3624616.0, 112.0, 112.0, 0.0); (490360.0, 3624616.0, 111.9, 111.9, 0.0);
(490370.0, 3624616.0, 112.1, 112.1, 0.0); (490380.0, 3624616.0, 112.0, 112.0, 0.0);
(490390.0, 3624616.0, 111.7, 111.7, 0.0); (490400.0, 3624616.0, 110.5, 111.6, 0.0);
(490410.0, 3624616.0, 109.8, 111.6, 0.0); (490420.0, 3624616.0, 110.1, 110.1, 0.0);
(490430.0, 3624616.0, 110.1, 110.1, 0.0); (490440.0, 3624616.0, 110.1, 110.1, 0.0);
(490450.0, 3624616.0, 109.8, 109.8, 0.0); (490460.0, 3624616.0, 109.5, 109.5, 0.0);

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     ( 490307.0, 3624461.0,     113.0,     113.0,       0.0);         ( 490317.0, 3624461.0,     112.7,     112.7,
0.0);
     ( 490307.0, 3624471.0,     112.8,     112.8,       0.0);         ( 490317.0, 3624471.0,     112.6,     112.6,
0.0);
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(490307.0, 3624481.0, 112.7, 112.7, 0.0); (490317.0, 3624481.0, 112.5, 112.5, 0.0);
(490307.0, 3624491.0, 112.6, 112.6, 0.0); (490317.0, 3624491.0, 112.3, 112.3, 0.0);
(490307.0, 3624501.0, 112.4, 112.4, 0.0); (490317.0, 3624501.0, 112.1, 112.1, 0.0);
(490307.0, 3624511.0, 112.1, 112.1, 0.0); (490317.0, 3624511.0, 112.0, 112.0, 0.0);
(490307.0, 3624521.0, 111.8, 111.8, 0.0); (490317.0, 3624521.0, 111.6, 111.6, 0.0);
(490276.0, 3624433.0, 113.7, 113.7, 0.0); (490286.0, 3624433.0, 113.7, 113.7, 0.0);
(490296.0, 3624433.0, 113.4, 113.4, 0.0); (490276.0, 3624443.0, 113.8, 113.8, 0.0);
(490286.0, 3624443.0, 113.7, 113.7, 0.0); (490296.0, 3624443.0, 113.4, 113.4, 0.0);
(490276.0, 3624453.0, 113.7, 113.7, 0.0); (490286.0, 3624453.0, 113.5, 113.5, 0.0);
(490296.0, 3624453.0, 113.3, 113.3, 0.0); (490276.0, 3624463.0, 113.7, 113.7, 0.0);
(490286.0, 3624463.0, 113.5, 113.5, 0.0); (490296.0, 3624463.0, 113.2, 113.2, 0.0);
(490276.0, 3624473.0, 113.6, 113.6, 0.0); (490286.0, 3624473.0, 113.5, 113.5, 0.0);
(490296.0, 3624473.0, 113.1, 113.1, 0.0); (490276.0, 3624481.0, 113.5, 113.5, 0.0);
(490286.0, 3624481.0, 113.5, 113.5, 0.0); (490296.0, 3624481.0, 113.1, 113.1, 0.0);
(490276.0, 3624491.0, 113.4, 113.4, 0.0); (490286.0, 3624491.0, 113.3, 113.3, 0.0);
(490296.0, 3624491.0, 113.0, 113.0, 0.0); (490276.0, 3624501.0, 113.3, 113.3, 0.0);
(490286.0, 3624501.0, 113.1, 113.1, 0.0); (490296.0, 3624501.0, 112.7, 112.7, 0.0);
(490276.0, 3624511.0, 113.2, 113.2, 0.0); (490286.0, 3624511.0, 112.9, 112.9, 0.0);
(490296.0, 3624511.0, 112.5, 112.5, 0.0); (490276.0, 3624521.0, 113.1, 113.1, 0.0);
(490286.0, 3624521.0, 112.8, 112.8, 0.0); (490296.0, 3624521.0, 112.2, 112.2, 0.0);
(490279.0, 3624525.0, 113.0, 113.0, 0.0); (490289.0, 3624525.0, 112.5, 112.5, 0.0);
(490299.0, 3624525.0, 111.9, 111.9, 0.0); (490309.0, 3624525.0, 111.7, 111.7, 0.0);
(490319.0, 3624525.0, 111.2, 111.2, 0.0); (490279.0, 3624535.0, 112.8, 112.8, 0.0);
(490289.0, 3624535.0, 112.3, 112.3, 0.0); (490299.0, 3624535.0, 111.7, 111.7, 0.0);
(490309.0, 3624535.0, 111.3, 111.3, 0.0); (490319.0, 3624535.0, 110.8, 110.8, 0.0);
(490279.0, 3624545.0, 112.5, 112.5, 0.0); (490289.0, 3624545.0, 112.0, 112.0, 0.0);
(490299.0, 3624545.0, 111.5, 111.5, 0.0); (490309.0, 3624545.0, 111.1, 111.1, 0.0);
(490319.0, 3624545.0, 110.7, 110.7, 0.0); (490298.0, 3624431.0, 113.3, 113.3, 0.0);
(490298.0, 3624441.0, 113.4, 113.4, 0.0); (490308.0, 3624441.0, 113.1, 113.1, 0.0);
(490318.0, 3624441.0, 112.8, 112.8, 0.0); (490298.0, 3624451.0, 113.3, 113.3, 0.0);
(490308.0, 3624451.0, 113.0, 113.0, 0.0); (490318.0, 3624451.0, 112.6, 112.6, 0.0);

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000001	490250.0	3624406.0	-3.26
L0000001	490240.0	3624416.0	-2.81
L0000001	490250.0	3624416.0	-11.31
L0000001	490240.0	3624426.0	-4.63
L0000001	490250.0	3624426.0	-14.59
L0000001	490240.0	3624436.0	-1.69
L0000001	490250.0	3624436.0	-9.52
L0000001	490250.0	3624446.0	-1.02
L0000001	490276.0	3624433.0	-6.12
L0000001	490276.0	3624443.0	0.08
L0000002	490240.0	3624386.0	-0.18
L0000002	490250.0	3624386.0	-7.17
L0000002	490240.0	3624396.0	-4.42
L0000002	490250.0	3624396.0	-13.95
L0000002	490240.0	3624406.0	-4.11
L0000002	490250.0	3624406.0	-13.36
L0000002	490240.0	3624416.0	0.59
L0000002	490250.0	3624416.0	-6.10
L0000003	490250.0	3624356.0	-2.37
L0000003	490260.0	3624356.0	-4.38
L0000003	490270.0	3624356.0	-1.68
L0000003	490240.0	3624366.0	-2.71
L0000003	490250.0	3624366.0	-10.78
L0000003	490240.0	3624376.0	-5.15
L0000003	490250.0	3624376.0	-15.15
L0000003	490240.0	3624386.0	-2.70
L0000003	490250.0	3624386.0	-10.76
L0000003	490250.0	3624396.0	-2.34
L0000016	490250.0	3624336.0	-0.94
L0000016	490260.0	3624336.0	-2.75
L0000016	490270.0	3624336.0	-0.17
L0000016	490240.0	3624346.0	-2.04
L0000016	490250.0	3624346.0	-9.64
L0000016	490260.0	3624346.0	-12.73
L0000016	490270.0	3624346.0	-8.44
L0000016	490280.0	3624346.0	-0.46
L0000016	490240.0	3624356.0	-5.23
L0000016	490250.0	3624356.0	-15.16
L0000016	490260.0	3624356.0	-22.53
L0000016	490270.0	3624356.0	-13.34

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000016	490280.0	3624356.0	-3.40
L0000016	490240.0	3624366.0	-3.54
L0000016	490250.0	3624366.0	-12.02
L0000016	490250.0	3624376.0	-3.87
L0000017	490260.0	3624326.0	-17.08
L0000017	490240.0	3624326.0	-4.05
L0000017	490250.0	3624326.0	-12.83
L0000017	490260.0	3624326.0	-17.08
L0000017	490270.0	3624326.0	-11.22
L0000017	490280.0	3624326.0	-2.18
L0000017	490240.0	3624336.0	-5.17
L0000017	490250.0	3624336.0	-14.96
L0000017	490260.0	3624336.0	-21.44
L0000017	490270.0	3624336.0	-13.04
L0000017	490280.0	3624336.0	-3.20
L0000017	490240.0	3624346.0	-1.48
L0000017	490250.0	3624346.0	-8.75
L0000017	490260.0	3624346.0	-11.57
L0000017	490270.0	3624346.0	-7.53
L0000017	490280.0	3624346.0	0.19
L0000017	490250.0	3624356.0	0.11
L0000017	490260.0	3624356.0	-1.59
L0000017	490270.0	3624356.0	0.91
L0000018	490260.0	3624326.0	-7.19
L0000018	490250.0	3624326.0	-5.04
L0000018	490260.0	3624326.0	-7.19
L0000018	490270.0	3624326.0	-3.96
L0000019	490260.0	3624276.0	-15.84
L0000020	490260.0	3624276.0	-8.41
L0000021	490260.0	3624226.0	-14.60
L0000022	490260.0	3624226.0	-9.63
L0000023	490260.0	3624176.0	-13.36
L0000024	490260.0	3624176.0	-10.84
L0000025	490210.0	3624126.0	-16.90
L0000025	490260.0	3624126.0	-31.07
L0000025	490210.0	3624176.0	-13.40
L0000025	490260.0	3624176.0	-25.98
L0000026	490160.0	3624126.0	-22.92
L0000026	490210.0	3624126.0	-25.46
L0000026	490160.0	3624176.0	-19.67

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000026	490210.0	3624176.0	-21.98
L0000027	490110.0	3624126.0	-28.03
L0000027	490160.0	3624126.0	-19.02
L0000027	490110.0	3624176.0	-25.21
L0000027	490160.0	3624176.0	-16.82
L0000028	490060.0	3624126.0	-31.70
L0000028	490110.0	3624126.0	-12.12
L0000028	490060.0	3624176.0	-29.59
L0000028	490110.0	3624176.0	-10.88
L0000029	489960.0	3624126.0	0.44
L0000029	490010.0	3624126.0	-33.28
L0000029	490060.0	3624126.0	-4.93
L0000029	489960.0	3624176.0	0.90
L0000029	490010.0	3624176.0	-32.21
L0000029	490060.0	3624176.0	-4.42
L0000030	489960.0	3624126.0	-32.37
L0000030	489960.0	3624176.0	-32.51
L0000033	490290.0	3624336.0	-3.31
L0000033	490300.0	3624336.0	-4.36
L0000033	490310.0	3624336.0	-1.74
L0000033	490280.0	3624346.0	-6.53
L0000033	490290.0	3624346.0	-12.66
L0000033	490300.0	3624346.0	-14.31
L0000033	490310.0	3624346.0	-10.35
L0000033	490320.0	3624346.0	-3.11
L0000033	490270.0	3624356.0	-2.03
L0000033	490280.0	3624356.0	-11.69
L0000033	490290.0	3624356.0	-20.62
L0000033	490300.0	3624356.0	-24.07
L0000033	490310.0	3624356.0	-16.88
L0000033	490320.0	3624356.0	-7.49
L0000034	490250.0	3624336.0	0.78
L0000034	490260.0	3624336.0	-3.45
L0000034	490270.0	3624336.0	-4.32
L0000034	490280.0	3624336.0	-1.54
L0000034	490250.0	3624346.0	-6.88
L0000034	490260.0	3624346.0	-12.86
L0000034	490270.0	3624346.0	-14.24
L0000034	490280.0	3624346.0	-10.05
L0000034	490290.0	3624346.0	-2.72

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000034	490240.0	3624356.0	-2.50
L0000034	490250.0	3624356.0	-12.14
L0000034	490260.0	3624356.0	-21.00
L0000034	490270.0	3624356.0	-23.89
L0000034	490280.0	3624356.0	-16.45
L0000034	490290.0	3624356.0	-7.02
L0000034	490240.0	3624366.0	-2.87
L0000034	490250.0	3624366.0	-12.71
L0000034	490240.0	3624376.0	0.20
L0000034	490250.0	3624376.0	-8.23
L0000034	490250.0	3624386.0	-0.91
L0000481	490309.0	3624535.0	-3.86
L0000481	490319.0	3624535.0	-4.43
L0000481	490309.0	3624545.0	-5.59
L0000481	490319.0	3624545.0	-6.33
L0000482	490299.0	3624535.0	-5.10
L0000482	490309.0	3624535.0	-2.98
L0000482	490299.0	3624545.0	-7.25
L0000482	490309.0	3624545.0	-4.51
L0000483	490279.0	3624535.0	0.55
L0000483	490289.0	3624535.0	-5.81
L0000483	490299.0	3624535.0	-1.27
L0000483	490279.0	3624545.0	-0.51
L0000483	490289.0	3624545.0	-8.33
L0000483	490299.0	3624545.0	-2.53
L0000484	490279.0	3624535.0	-7.83
L0000484	490289.0	3624535.0	-2.15
L0000484	490279.0	3624545.0	-6.38
L0000484	490289.0	3624545.0	-1.45
L0000485	490276.0	3624521.0	-4.97
L0000485	490286.0	3624521.0	-3.59
L0000485	490279.0	3624525.0	-9.92
L0000485	490289.0	3624525.0	-2.87
L0000485	490279.0	3624535.0	-4.21
L0000485	490289.0	3624535.0	-0.13
L0000486	490276.0	3624511.0	-6.68
L0000486	490286.0	3624511.0	-4.97
L0000486	490276.0	3624521.0	-4.93
L0000486	490286.0	3624521.0	-3.56
L0000486	490279.0	3624525.0	-2.03

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000487	490276.0	3624491.0	0.14
L0000487	490286.0	3624491.0	0.99
L0000487	490276.0	3624501.0	-7.93
L0000487	490286.0	3624501.0	-5.87
L0000487	490276.0	3624511.0	-3.01
L0000487	490286.0	3624511.0	-1.89
L0000488	490276.0	3624481.0	-1.92
L0000488	490286.0	3624481.0	-0.91
L0000488	490276.0	3624491.0	-8.25
L0000488	490286.0	3624491.0	-6.08
L0000488	490276.0	3624501.0	-0.98
L0000488	490286.0	3624501.0	-0.05
L0000489	490276.0	3624473.0	-5.60
L0000489	490286.0	3624473.0	-4.12
L0000489	490276.0	3624481.0	-7.44
L0000489	490286.0	3624481.0	-5.53
L0000490	490276.0	3624463.0	-7.19
L0000490	490286.0	3624463.0	-5.35
L0000490	490276.0	3624473.0	-4.27
L0000490	490286.0	3624473.0	-3.00
L0000491	490276.0	3624443.0	-0.59
L0000491	490286.0	3624443.0	0.31
L0000491	490276.0	3624453.0	-8.17
L0000491	490286.0	3624453.0	-6.03
L0000491	490276.0	3624463.0	-2.31
L0000491	490286.0	3624463.0	-1.26
L0000492	490276.0	3624433.0	-2.62
L0000492	490286.0	3624433.0	-1.55
L0000492	490276.0	3624443.0	-8.08
L0000492	490286.0	3624443.0	-5.97
L0000492	490276.0	3624453.0	-0.26
L0000492	490286.0	3624453.0	0.62
L0000493	490276.0	3624433.0	-2.35
L0000493	490286.0	3624433.0	-9.94
L0000493	490296.0	3624433.0	-1.54
L0000493	490276.0	3624443.0	0.16
L0000493	490286.0	3624443.0	-4.39
L0000493	490296.0	3624443.0	0.81
L0000493	490298.0	3624431.0	0.92
L0000494	490286.0	3624433.0	-2.00

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000494	490296.0	3624433.0	-2.37
L0000494	490286.0	3624443.0	-6.66
L0000494	490296.0	3624443.0	-7.37
L0000494	490286.0	3624453.0	0.35
L0000494	490296.0	3624453.0	0.06
L0000494	490298.0	3624431.0	0.37
L0000494	490298.0	3624441.0	-5.53
L0000494	490298.0	3624451.0	-0.74
L0000495	490286.0	3624443.0	-0.04
L0000495	490296.0	3624443.0	-0.42
L0000495	490286.0	3624453.0	-6.67
L0000495	490296.0	3624453.0	-7.57
L0000495	490286.0	3624463.0	-1.54
L0000495	490296.0	3624463.0	-1.98
L0000495	490298.0	3624451.0	-5.05
L0000496	490286.0	3624463.0	-5.87
L0000496	490296.0	3624463.0	-6.79
L0000496	490286.0	3624473.0	-3.30
L0000496	490296.0	3624473.0	-3.93
L0000497	490286.0	3624473.0	-4.50
L0000497	490296.0	3624473.0	-5.37
L0000497	490286.0	3624481.0	-5.92
L0000497	490296.0	3624481.0	-7.02
L0000498	490286.0	3624481.0	-1.17
L0000498	490296.0	3624481.0	-1.83
L0000498	490286.0	3624491.0	-6.45
L0000498	490296.0	3624491.0	-7.86
L0000498	490286.0	3624501.0	-0.18
L0000498	490296.0	3624501.0	-0.78
L0000499	490286.0	3624491.0	0.80
L0000499	490296.0	3624491.0	0.17
L0000499	490286.0	3624501.0	-6.17
L0000499	490296.0	3624501.0	-7.68
L0000499	490286.0	3624511.0	-2.00
L0000499	490296.0	3624511.0	-2.82
L0000500	490286.0	3624511.0	-5.18
L0000500	490296.0	3624511.0	-6.58
L0000500	490286.0	3624521.0	-3.66
L0000500	490296.0	3624521.0	-4.76
L0000500	490289.0	3624525.0	-1.60

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000500	490299.0	3624525.0	0.24
L0000501	490286.0	3624521.0	-3.73
L0000501	490296.0	3624521.0	-4.96
L0000501	490279.0	3624525.0	0.93
L0000501	490289.0	3624525.0	-8.61
L0000501	490299.0	3624525.0	-4.87
L0000501	490289.0	3624535.0	-3.66
L0000501	490299.0	3624535.0	-1.54
L0000502	490296.0	3624521.0	-0.81
L0000502	490289.0	3624525.0	0.20
L0000502	490299.0	3624525.0	-5.29
L0000502	490309.0	3624525.0	-0.29
L0000502	490289.0	3624535.0	-1.43
L0000502	490299.0	3624535.0	-9.07
L0000502	490309.0	3624535.0	-2.01
L0000502	490299.0	3624545.0	0.92
L0000503	490307.0	3624521.0	-0.41
L0000503	490317.0	3624521.0	0.01
L0000503	490309.0	3624525.0	-4.86
L0000503	490319.0	3624525.0	-2.00
L0000503	490299.0	3624535.0	0.68
L0000503	490309.0	3624535.0	-8.21
L0000503	490319.0	3624535.0	-4.07
L0000449	490319.0	3624535.0	0.55
L0000449	490319.0	3624545.0	-3.82
L0000450	490319.0	3624525.0	-0.04
L0000450	490319.0	3624535.0	-7.46
L0000450	490319.0	3624545.0	-2.34
L0000451	490319.0	3624525.0	-1.59
L0000451	490319.0	3624535.0	-0.96
L0000462	490317.0	3624511.0	-3.63
L0000462	490317.0	3624521.0	-1.33
L0000462	490319.0	3624525.0	0.59
L0000463	490317.0	3624501.0	-5.80
L0000463	490317.0	3624511.0	-5.52
L0000464	490317.0	3624491.0	-1.43
L0000464	490317.0	3624501.0	-2.95
L0000471	490317.0	3624471.0	-2.64
L0000471	490317.0	3624481.0	-6.34
L0000472	490317.0	3624461.0	-4.21

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000472	490317.0	3624471.0	-6.50
L0000473	490317.0	3624461.0	-1.62
L0000480	490318.0	3624451.0	-0.64
L0000404	490319.0	3624535.0	0.55
L0000404	490319.0	3624545.0	-3.82
L0000405	490319.0	3624525.0	-0.04
L0000405	490319.0	3624535.0	-7.46
L0000405	490319.0	3624545.0	-2.34
L0000406	490319.0	3624525.0	-1.59
L0000406	490319.0	3624535.0	-0.96
L0000417	490317.0	3624511.0	-3.63
L0000417	490317.0	3624521.0	-1.33
L0000417	490319.0	3624525.0	0.59
L0000418	490307.0	3624511.0	-5.67
L0000418	490317.0	3624511.0	-7.25
L0000418	490307.0	3624521.0	-2.85
L0000418	490317.0	3624521.0	-3.88
L0000418	490309.0	3624525.0	-0.30
L0000418	490319.0	3624525.0	0.59
L0000419	490307.0	3624511.0	-5.32
L0000419	490307.0	3624521.0	-2.61
L0000419	490296.0	3624511.0	-6.72
L0000419	490296.0	3624521.0	-3.55
L0000419	490299.0	3624525.0	-0.83
L0000420	490307.0	3624501.0	-3.10
L0000420	490307.0	3624511.0	-0.75
L0000420	490296.0	3624491.0	0.60
L0000420	490286.0	3624501.0	0.37
L0000420	490296.0	3624501.0	-8.74
L0000420	490296.0	3624511.0	-4.43
L0000421	490307.0	3624491.0	-5.13
L0000421	490307.0	3624501.0	-7.78
L0000421	490317.0	3624501.0	0.98
L0000421	490296.0	3624491.0	-1.64
L0000421	490296.0	3624501.0	-3.20
L0000422	490307.0	3624491.0	-0.82
L0000422	490317.0	3624491.0	-5.90
L0000422	490307.0	3624501.0	-2.00
L0000422	490317.0	3624501.0	-8.42
L0000423	490317.0	3624491.0	0.94

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000423	490317.0	3624501.0	0.14
L0000430	490317.0	3624471.0	-4.38
L0000430	490307.0	3624481.0	0.39
L0000430	490317.0	3624481.0	-8.74
L0000430	490317.0	3624491.0	0.57
L0000431	490307.0	3624471.0	-4.90
L0000431	490317.0	3624471.0	0.08
L0000431	490307.0	3624481.0	-9.47
L0000431	490317.0	3624481.0	-1.96
L0000431	490307.0	3624491.0	0.52
L0000431	490296.0	3624473.0	0.13
L0000431	490296.0	3624481.0	-0.73
L0000432	490307.0	3624471.0	-4.41
L0000432	490307.0	3624481.0	-1.92
L0000432	490296.0	3624463.0	-0.81
L0000432	490296.0	3624473.0	-8.39
L0000432	490296.0	3624481.0	-4.04
L0000433	490307.0	3624461.0	-5.82
L0000433	490307.0	3624471.0	-0.85
L0000433	490296.0	3624453.0	-2.41
L0000433	490296.0	3624463.0	-7.32
L0000433	490296.0	3624473.0	0.13
L0000433	490298.0	3624451.0	-1.27
L0000433	490308.0	3624451.0	0.70
L0000434	490307.0	3624461.0	-7.15
L0000434	490317.0	3624461.0	-7.23
L0000434	490307.0	3624471.0	-0.89
L0000434	490317.0	3624471.0	-0.93
L0000434	490308.0	3624451.0	-1.51
L0000434	490318.0	3624451.0	-0.65
L0000435	490317.0	3624461.0	-4.96
L0000435	490317.0	3624471.0	0.10
L0000435	490318.0	3624451.0	-0.35
L0000443	490317.0	3624461.0	-1.22
L0000443	490318.0	3624441.0	-2.15
L0000443	490308.0	3624451.0	0.52
L0000443	490318.0	3624451.0	-9.47
L0000394	490319.0	3624525.0	0.11
L0000394	490319.0	3624535.0	0.76

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                                      *** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
                                                          (1=YES; 0=NO)

            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1

                NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.


                            *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
                                                       (METERS/SEC)

                                           1.54,   3.09,   5.14,   8.23,  10.80,
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: SD International\722900.SFC Met Version:
14134
Profile file: SD International\722900.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 23188 Upper air station no.: 3190
Name: SAN_DIEGO/LINDBERGH_FIELD Name: UNKNOWN
Year: 2009 Year: 2009

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
09	01	01	1	01	-7.9	0.118	-9.000	-9.000	-999.	97.	18.6	0.37	0.95	1.00	1.76	11.	10.0	282.5	2.0
09	01	01	1	02	-18.0	0.318	-9.000	-9.000	-999.	430.	161.4	0.37	0.95	1.00	2.86	18.	10.0	282.5	2.0
09	01	01	1	03	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.46	0.95	1.00	0.00	0.	10.0	282.5	2.0
09	01	01	1	04	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.46	0.95	1.00	0.00	0.	10.0	282.0	2.0
09	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.46	0.95	1.00	0.00	0.	10.0	281.4	2.0
09	01	01	1	06	-8.3	0.146	-9.000	-9.000	-999.	134.	33.9	0.35	0.95	1.00	1.76	342.	10.0	280.9	2.0
09	01	01	1	07	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.46	0.95	1.00	0.00	0.	10.0	280.4	2.0
09	01	01	1	08	-7.4	0.166	-9.000	-9.000	-999.	163.	56.6	0.35	0.95	0.49	1.76	343.	10.0	280.9	2.0
09	01	01	1	09	38.3	0.459	0.419	0.007	70.	746.	-229.2	0.47	0.95	0.29	3.36	297.	10.0	281.4	2.0
09	01	01	1	10	58.3	0.348	0.576	0.007	119.	501.	-65.6	0.47	0.95	0.22	2.36	291.	10.0	283.1	2.0
09	01	01	1	11	118.8	0.342	0.880	0.007	208.	479.	-30.5	0.35	0.95	0.20	2.36	304.	10.0	286.4	2.0
09	01	01	1	12	129.3	0.429	1.007	0.007	286.	674.	-55.3	0.47	0.95	0.19	2.86	286.	10.0	287.5	2.0
09	01	01	1	13	127.0	0.505	1.111	0.007	391.	861.	-91.9	0.35	0.95	0.19	3.86	303.	10.0	287.5	2.0
09	01	01	1	14	107.2	0.482	1.111	0.007	463.	803.	-94.3	0.47	0.95	0.20	3.36	289.	10.0	288.1	2.0
09	01	01	1	15	70.3	0.491	1.009	0.007	529.	825.	-152.0	0.35	0.95	0.23	3.86	312.	10.0	288.1	2.0
09	01	01	1	16	25.7	0.532	0.734	0.007	556.	931.	-530.7	0.35	0.95	0.32	4.36	304.	10.0	287.0	2.0
09	01	01	1	17	-35.6	0.430	-9.000	-9.000	-999.	686.	202.2	0.35	0.95	0.59	3.86	301.	10.0	284.9	2.0
09	01	01	1	18	-23.2	0.414	-9.000	-9.000	-999.	639.	276.3	0.47	0.95	1.00	3.36	277.	10.0	284.9	2.0
09	01	01	1	19	-14.0	0.249	-9.000	-9.000	-999.	319.	99.9	0.37	0.95	1.00	2.36	4.	10.0	284.9	2.0
09	01	01	1	20	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.46	0.95	1.00	0.00	0.	10.0	284.2	2.0
09	01	01	1	21	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.46	0.95	1.00	0.00	0.	10.0	284.2	2.0
09	01	01	1	22	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.46	0.95	1.00	0.00	0.	10.0	283.1	2.0
09	01	01	1	23	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.46	0.95	1.00	0.00	0.	10.0	283.1	2.0
09	01	01	1	24	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.46	0.95	1.00	0.00	0.	10.0	283.1	2.0

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
09	01	01	01	10.0	1	11.	1.76	282.6	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL1A ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624026.00	0.32080	490010.00	3624026.00	0.36452
490060.00	3624026.00	0.41186	490110.00	3624026.00	0.46063
490160.00	3624026.00	0.50804	490210.00	3624026.00	0.55242
490260.00	3624026.00	0.59502	490310.00	3624026.00	0.64118
490360.00	3624026.00	0.69412	490410.00	3624026.00	0.75230
490460.00	3624026.00	0.80439	490510.00	3624026.00	0.83883
490560.00	3624026.00	0.84856	490610.00	3624026.00	0.83243
490660.00	3624026.00	0.79498	490710.00	3624026.00	0.74327
489960.00	3624076.00	0.37533	490010.00	3624076.00	0.43681
490060.00	3624076.00	0.50667	490110.00	3624076.00	0.58196
490160.00	3624076.00	0.65756	490210.00	3624076.00	0.72906
490260.00	3624076.00	0.79808	490310.00	3624076.00	0.87440
490360.00	3624076.00	0.96215	490410.00	3624076.00	1.05002
490460.00	3624076.00	1.11182	490510.00	3624076.00	1.13035
490560.00	3624076.00	1.10475	490610.00	3624076.00	1.04348
490660.00	3624076.00	0.95981	490710.00	3624076.00	0.86685
489960.00	3624126.00	0.44082	490010.00	3624126.00	0.52854
490060.00	3624126.00	0.63444	490110.00	3624126.00	0.75626
490160.00	3624126.00	0.88545	490210.00	3624126.00	1.01074
490260.00	3624126.00	1.13240	490310.00	3624126.00	1.26929
490360.00	3624126.00	1.42063	490410.00	3624126.00	1.54162
490460.00	3624126.00	1.58216	490510.00	3624126.00	1.53482
490560.00	3624126.00	1.42489	490610.00	3624126.00	1.28110
490660.00	3624126.00	1.12787	490710.00	3624126.00	0.98082
489960.00	3624176.00	0.51734	490010.00	3624176.00	0.64223
490060.00	3624176.00	0.80714	490110.00	3624176.00	1.01444
490160.00	3624176.00	1.25477	490210.00	3624176.00	1.50096
490260.00	3624176.00	1.74327	490310.00	3624176.00	2.01584
490360.00	3624176.00	2.27032	490410.00	3624176.00	2.37268
490460.00	3624176.00	2.27817	490510.00	3624176.00	2.05630
490560.00	3624176.00	1.78363	490610.00	3624176.00	1.51454
490660.00	3624176.00	1.27246	490710.00	3624176.00	1.06579
489960.00	3624226.00	0.60109	490010.00	3624226.00	0.77830
490060.00	3624226.00	1.03582	490110.00	3624226.00	1.40431
490160.00	3624226.00	1.89807	490210.00	3624226.00	2.46811
490260.00	3624226.00	3.04495	490310.00	3624226.00	3.64772
490360.00	3624226.00	3.94717	490410.00	3624226.00	3.72588
490460.00	3624226.00	3.19811	490510.00	3624226.00	2.62819
490560.00	3624226.00	2.11203	490610.00	3624226.00	1.69203
490660.00	3624226.00	1.36020	490710.00	3624226.00	1.10244

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL1A ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624276.00	0.68449	490010.00	3624276.00	0.92575
490060.00	3624276.00	1.31936	490110.00	3624276.00	1.97851
490160.00	3624276.00	3.08928	490210.00	3624276.00	4.76212
490260.00	3624276.00	6.63348	490310.00	3624276.00	7.89117
490360.00	3624276.00	7.20169	490410.00	3624276.00	5.60951
490460.00	3624276.00	4.15831	490510.00	3624276.00	3.08011
490560.00	3624276.00	2.30561	490610.00	3624276.00	1.75752
490660.00	3624276.00	1.36468	490710.00	3624276.00	1.08046
489960.00	3624326.00	0.74859	490010.00	3624326.00	1.05290
490060.00	3624326.00	1.61049	490110.00	3624326.00	2.70397
490160.00	3624326.00	5.19477	490210.00	3624326.00	11.68492
490260.00	3624326.00	23.47233	490310.00	3624326.00	19.98362
490360.00	3624326.00	12.17895	490410.00	3624326.00	7.38247
490460.00	3624326.00	4.72769	490510.00	3624326.00	3.21389
490560.00	3624326.00	2.28169	490610.00	3624326.00	1.68453
490660.00	3624326.00	1.28352	490710.00	3624326.00	1.00527
489960.00	3624376.00	0.78731	490010.00	3624376.00	1.14197
490060.00	3624376.00	1.81090	490110.00	3624376.00	3.29005
490160.00	3624376.00	7.58057	490410.00	3624376.00	7.73113
490460.00	3624376.00	4.53608	490510.00	3624376.00	2.95328
490560.00	3624376.00	2.05464	490610.00	3624376.00	1.50487
490660.00	3624376.00	1.14516	490710.00	3624376.00	0.89773
489960.00	3624426.00	0.78395	490010.00	3624426.00	1.13304
490060.00	3624426.00	1.79434	490110.00	3624426.00	3.26297
490160.00	3624426.00	7.40496	490410.00	3624426.00	6.34658
490460.00	3624426.00	3.74823	490510.00	3624426.00	2.43921
490560.00	3624426.00	1.74372	490610.00	3624426.00	1.28947
490660.00	3624426.00	0.99163	490710.00	3624426.00	0.78482
489960.00	3624476.00	0.74279	490010.00	3624476.00	1.04874
490060.00	3624476.00	1.57923	490110.00	3624476.00	2.67645
490160.00	3624476.00	4.95339	490410.00	3624476.00	4.46190
490460.00	3624476.00	2.85709	490510.00	3624476.00	1.96800
490560.00	3624476.00	1.46084	490610.00	3624476.00	1.09972
490660.00	3624476.00	0.85842	490710.00	3624476.00	0.68742
489960.00	3624526.00	0.67206	490010.00	3624526.00	0.90340
490060.00	3624526.00	1.29337	490110.00	3624526.00	1.95791
490160.00	3624526.00	3.13446	490410.00	3624526.00	3.33743
490460.00	3624526.00	2.27400	490510.00	3624526.00	1.60783
490560.00	3624526.00	1.24637	490610.00	3624526.00	0.95805
490660.00	3624526.00	0.75797	490710.00	3624526.00	0.61316

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL1A ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624576.00	0.58563	490010.00	3624576.00	0.76051
490060.00	3624576.00	1.01996	490110.00	3624576.00	1.43082
490160.00	3624576.00	2.10281	490210.00	3624576.00	2.92536
490260.00	3624576.00	3.58883	490310.00	3624576.00	3.64638
490360.00	3624576.00	3.14716	490410.00	3624576.00	2.46575
490460.00	3624576.00	1.86453	490510.00	3624576.00	1.34448
490560.00	3624576.00	1.03900	490610.00	3624576.00	0.85399
490660.00	3624576.00	0.68408	490710.00	3624576.00	0.55859
489960.00	3624626.00	0.50754	490010.00	3624626.00	0.63726
490060.00	3624626.00	0.81745	490110.00	3624626.00	1.09158
490160.00	3624626.00	1.47110	490210.00	3624626.00	1.87947
490260.00	3624626.00	2.20948	490310.00	3624626.00	2.31208
490360.00	3624626.00	2.15645	490410.00	3624626.00	1.83445
490460.00	3624626.00	1.49618	490510.00	3624626.00	1.18764
490560.00	3624626.00	0.90297	490610.00	3624626.00	0.75639
490660.00	3624626.00	0.62509	490710.00	3624626.00	0.51602
489960.00	3624676.00	0.43927	490010.00	3624676.00	0.53769
490060.00	3624676.00	0.67369	490110.00	3624676.00	0.85947
490160.00	3624676.00	1.08127	490210.00	3624676.00	1.31414
490260.00	3624676.00	1.50189	490310.00	3624676.00	1.58407
490360.00	3624676.00	1.53570	490410.00	3624676.00	1.37279
490460.00	3624676.00	1.14677	490510.00	3624676.00	0.96773
490560.00	3624676.00	0.80058	490610.00	3624676.00	0.64655
490660.00	3624676.00	0.56742	490710.00	3624676.00	0.47890
489960.00	3624726.00	0.38222	490010.00	3624726.00	0.45976
490060.00	3624726.00	0.55956	490110.00	3624726.00	0.68448
490160.00	3624726.00	0.82820	490210.00	3624726.00	0.97270
490260.00	3624726.00	1.08840	490310.00	3624726.00	1.14288
490360.00	3624726.00	1.13267	490410.00	3624726.00	1.05409
490460.00	3624726.00	0.95533	490510.00	3624726.00	0.84141
490560.00	3624726.00	0.72094	490610.00	3624726.00	0.57555
490660.00	3624726.00	0.48762	490710.00	3624726.00	0.44141
489960.00	3624776.00	0.33573	490010.00	3624776.00	0.39540
490060.00	3624776.00	0.46909	490110.00	3624776.00	0.55711
490160.00	3624776.00	0.65489	490210.00	3624776.00	0.75052
490260.00	3624776.00	0.82757	490310.00	3624776.00	0.87091
490360.00	3624776.00	0.87338	490410.00	3624776.00	0.83751
490460.00	3624776.00	0.78021	490510.00	3624776.00	0.70512
490560.00	3624776.00	0.62370	490610.00	3624776.00	0.54131
490660.00	3624776.00	0.44024	490710.00	3624776.00	0.38189

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL1A ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624826.00	0.29254	490010.00	3624826.00	0.34054
490060.00	3624826.00	0.39697	490110.00	3624826.00	0.46168
490160.00	3624826.00	0.53140	490210.00	3624826.00	0.59800
490260.00	3624826.00	0.65133	490310.00	3624826.00	0.68335
490360.00	3624826.00	0.69056	490410.00	3624826.00	0.67357
490460.00	3624826.00	0.63907	490510.00	3624826.00	0.59173
490560.00	3624826.00	0.53701	490610.00	3624826.00	0.48019
490660.00	3624826.00	0.41756	490710.00	3624826.00	0.34765
489960.00	3624876.00	0.25931	490010.00	3624876.00	0.29593
490060.00	3624876.00	0.34014	490110.00	3624876.00	0.38912
490160.00	3624876.00	0.44007	490210.00	3624876.00	0.48794
490260.00	3624876.00	0.52640	490310.00	3624876.00	0.55051
490360.00	3624876.00	0.55832	490410.00	3624876.00	0.55063
490460.00	3624876.00	0.53010	490510.00	3624876.00	0.49966
490560.00	3624876.00	0.46257	490610.00	3624876.00	0.42208
490660.00	3624876.00	0.37725	490710.00	3624876.00	0.32000
490210.00	3624326.00	11.68492	490220.00	3624326.00	13.84595
490230.00	3624326.00	16.24544	490240.00	3624326.00	18.85876
490250.00	3624326.00	21.39914	490260.00	3624326.00	23.47233
490270.00	3624326.00	24.59281	490280.00	3624326.00	24.49375
490290.00	3624326.00	23.42293	490300.00	3624326.00	21.80706
490310.00	3624326.00	19.98362	490320.00	3624326.00	18.20856
490330.00	3624326.00	16.50723	490340.00	3624326.00	14.92587
490350.00	3624326.00	13.47278	490360.00	3624326.00	12.17895
490370.00	3624326.00	10.99765	490380.00	3624326.00	9.93205
490390.00	3624326.00	8.97932	490400.00	3624326.00	8.13577
490410.00	3624326.00	7.38247	490420.00	3624326.00	6.70628
490430.00	3624326.00	6.12622	490440.00	3624326.00	5.60813
490450.00	3624326.00	5.14185	490460.00	3624326.00	4.72769
490210.00	3624336.00	14.36022	490220.00	3624336.00	17.65085
490230.00	3624336.00	21.55426	490240.00	3624336.00	26.12509
490250.00	3624336.00	30.75981	490260.00	3624336.00	34.12444
490270.00	3624336.00	35.02224	490280.00	3624336.00	33.43048
490290.00	3624336.00	30.49455	490300.00	3624336.00	27.19499
490310.00	3624336.00	24.03232	490320.00	3624336.00	21.26186
490330.00	3624336.00	18.81022	490340.00	3624336.00	16.66487
490350.00	3624336.00	14.77662	490360.00	3624336.00	13.16297
490370.00	3624336.00	11.74121	490380.00	3624336.00	10.49250
490390.00	3624336.00	9.39768	490400.00	3624336.00	8.44249
490410.00	3624336.00	7.60349	490420.00	3624336.00	6.86865

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL1A ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490430.00	3624336.00	6.24295	490440.00	3624336.00	5.68550
490450.00	3624336.00	5.19092	490460.00	3624336.00	4.75544
490210.00	3624346.00	17.61670	490220.00	3624346.00	22.68898
490230.00	3624346.00	29.43241	490240.00	3624346.00	38.04652
490250.00	3624346.00	47.52435	490260.00	3624346.00	53.93314
490270.00	3624346.00	53.08066	490280.00	3624346.00	46.92084
490290.00	3624346.00	39.86762	490300.00	3624346.00	33.67878
490310.00	3624346.00	28.56056	490320.00	3624346.00	24.47701
490330.00	3624346.00	21.11498	490340.00	3624346.00	18.33180
490350.00	3624346.00	15.98073	490360.00	3624346.00	14.03398
490370.00	3624346.00	12.37375	490380.00	3624346.00	10.94515
490390.00	3624346.00	9.71789	490400.00	3624346.00	8.66287
490410.00	3624346.00	7.75173	490420.00	3624346.00	6.97135
490430.00	3624346.00	6.30406	490440.00	3624346.00	5.71758
490450.00	3624346.00	5.20276	490460.00	3624346.00	4.75202
490210.00	3624356.00	21.33001	490220.00	3624356.00	28.85034
490230.00	3624356.00	40.13957	490240.00	3624356.00	57.24680
490250.00	3624356.00	22.44134	490260.00	3624356.00	24.87371
490270.00	3624356.00	25.76199	490280.00	3624356.00	67.94196
490290.00	3624356.00	51.77287	490300.00	3624356.00	40.93116
490310.00	3624356.00	33.27223	490320.00	3624356.00	27.62025
490330.00	3624356.00	23.25604	490340.00	3624356.00	19.80250
490350.00	3624356.00	17.00873	490360.00	3624356.00	14.73715
490370.00	3624356.00	12.85369	490380.00	3624356.00	11.26493
490390.00	3624356.00	9.92769	490400.00	3624356.00	8.79512
490410.00	3624356.00	7.82752	490420.00	3624356.00	7.01147
490430.00	3624356.00	6.30985	490440.00	3624356.00	5.70227
490450.00	3624356.00	5.17463	490460.00	3624356.00	4.71421
490210.00	3624366.00	25.14443	490220.00	3624366.00	35.53170
490230.00	3624366.00	52.89473	490240.00	3624366.00	27.91543
490250.00	3624366.00	34.18071	490370.00	3624366.00	13.14675
490380.00	3624366.00	11.43849	490390.00	3624366.00	10.01560
490400.00	3624366.00	8.82527	490410.00	3624366.00	7.82477
490420.00	3624366.00	6.97841	490430.00	3624366.00	6.25701
490440.00	3624366.00	5.63924	490450.00	3624366.00	5.10619
490460.00	3624366.00	4.64206	490210.00	3624376.00	28.51332
490220.00	3624376.00	41.51694	490230.00	3624376.00	64.38162
490240.00	3624376.00	42.14904	490250.00	3624376.00	57.06878
490370.00	3624376.00	13.23760	490380.00	3624376.00	11.44904
490390.00	3624376.00	9.97413	490400.00	3624376.00	8.75221

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL1A ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490410.00	3624376.00	7.73113	490420.00	3624376.00	6.87649
490430.00	3624376.00	6.14736	490440.00	3624376.00	5.52688
490450.00	3624376.00	4.99714	490460.00	3624376.00	4.53608
490210.00	3624386.00	30.95791	490220.00	3624386.00	45.41387
490230.00	3624386.00	71.36819	490240.00	3624386.00	16.50315
490250.00	3624386.00	20.24179	490370.00	3624386.00	13.11789
490380.00	3624386.00	11.30182	490390.00	3624386.00	9.81261
490400.00	3624386.00	8.58582	490410.00	3624386.00	7.56592
490420.00	3624386.00	6.71997	490430.00	3624386.00	5.99626
490440.00	3624386.00	5.37277	490450.00	3624386.00	4.85372
490460.00	3624386.00	4.40444	490210.00	3624396.00	32.08339
490220.00	3624396.00	47.39034	490230.00	3624396.00	74.57629
490240.00	3624396.00	62.33780	490250.00	3624396.00	33.74545
490370.00	3624396.00	12.76935	490380.00	3624396.00	10.99243
490390.00	3624396.00	9.52818	490400.00	3624396.00	8.32771
490410.00	3624396.00	7.33624	490420.00	3624396.00	6.50528
490430.00	3624396.00	5.80426	490440.00	3624396.00	5.19418
490450.00	3624396.00	4.68640	490460.00	3624396.00	4.25350
490210.00	3624406.00	31.87279	490220.00	3624406.00	47.10402
490230.00	3624406.00	73.91996	490240.00	3624406.00	62.23850
490250.00	3624406.00	29.76586	490370.00	3624406.00	12.23442
490380.00	3624406.00	10.54641	490390.00	3624406.00	9.14431
490400.00	3624406.00	7.99629	490410.00	3624406.00	7.04481
490420.00	3624406.00	6.24741	490430.00	3624406.00	5.58100
490440.00	3624406.00	5.00212	490450.00	3624406.00	4.50604
490460.00	3624406.00	4.08775	490210.00	3624416.00	30.39435
490220.00	3624416.00	44.54716	490230.00	3624416.00	69.69839
490240.00	3624416.00	14.98642	490250.00	3624416.00	17.73780
490370.00	3624416.00	11.55013	490380.00	3624416.00	9.98090
490390.00	3624416.00	8.67816	490400.00	3624416.00	7.60295
490410.00	3624416.00	6.70737	490420.00	3624416.00	5.96118
490430.00	3624416.00	5.33269	490440.00	3624416.00	4.79296
490450.00	3624416.00	4.31861	490460.00	3624416.00	3.91706
490210.00	3624426.00	27.66601	490220.00	3624426.00	39.78076
490230.00	3624426.00	61.17543	490240.00	3624426.00	38.78408
490250.00	3624426.00	50.30899	490370.00	3624426.00	10.77100
490380.00	3624426.00	9.34392	490390.00	3624426.00	8.15429
490400.00	3624426.00	7.17061	490410.00	3624426.00	6.34658
490420.00	3624426.00	5.65625	490430.00	3624426.00	5.06862
490440.00	3624426.00	4.56753	490450.00	3624426.00	4.13320

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL1A ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490460.00	3624426.00	3.74823	490210.00	3624436.00	24.01157
490220.00	3624436.00	33.63343	490230.00	3624436.00	49.51355
490240.00	3624436.00	25.78317	490250.00	3624436.00	30.66186
490370.00	3624436.00	9.94191	490380.00	3624436.00	8.67460
490390.00	3624436.00	7.60851	490400.00	3624436.00	6.71959
490410.00	3624436.00	5.97202	490420.00	3624436.00	5.34164
490430.00	3624436.00	4.79375	490440.00	3624436.00	4.33399
490450.00	3624436.00	3.93715	490460.00	3624436.00	3.58004
490210.00	3624446.00	20.39376	490220.00	3624446.00	27.35709
490230.00	3624446.00	37.85115	490240.00	3624446.00	52.95587
490250.00	3624446.00	20.39957	490370.00	3624446.00	9.11981
490380.00	3624446.00	8.00094	490390.00	3624446.00	7.06277
490400.00	3624446.00	6.27000	490410.00	3624446.00	5.59722
490420.00	3624446.00	5.02384	490430.00	3624446.00	4.52919
490440.00	3624446.00	4.10351	490450.00	3624446.00	3.73548
490460.00	3624446.00	3.40627	490210.00	3624456.00	16.88269
490220.00	3624456.00	21.55650	490230.00	3624456.00	27.72126
490240.00	3624456.00	35.54505	490250.00	3624456.00	42.50440
490370.00	3624456.00	8.33328	490380.00	3624456.00	7.37070
490390.00	3624456.00	6.54310	490400.00	3624456.00	5.83550
490410.00	3624456.00	5.23471	490420.00	3624456.00	4.72054
490430.00	3624456.00	4.27159	490440.00	3624456.00	3.88209
490450.00	3624456.00	3.53980	490460.00	3624456.00	3.22944
490210.00	3624466.00	13.93588	490220.00	3624466.00	17.07296
490230.00	3624466.00	20.92510	490240.00	3624466.00	24.90598
490250.00	3624466.00	28.04803	490370.00	3624466.00	7.58970
490380.00	3624466.00	6.76201	490390.00	3624466.00	6.02553
490400.00	3624466.00	5.38839	490410.00	3624466.00	4.85097
490420.00	3624466.00	4.39543	490430.00	3624466.00	3.99762
490440.00	3624466.00	3.65440	490450.00	3624466.00	3.33659
490460.00	3624466.00	3.04924	490210.00	3624476.00	11.52627
490220.00	3624476.00	13.69965	490230.00	3624476.00	16.15470
490240.00	3624476.00	18.33666	490250.00	3624476.00	19.97710
490370.00	3624476.00	6.89812	490380.00	3624476.00	6.18200
490390.00	3624476.00	5.54747	490400.00	3624476.00	4.98919
490410.00	3624476.00	4.46190	490420.00	3624476.00	4.03865
490430.00	3624476.00	3.69697	490440.00	3624476.00	3.38900
490450.00	3624476.00	3.11431	490460.00	3624476.00	2.85709
490210.00	3624486.00	9.62675	490220.00	3624486.00	11.15617
490230.00	3624486.00	12.73778	490240.00	3624486.00	14.10948

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL1A ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490250.00	3624486.00	15.11536	490380.00	3624486.00	5.68806
490390.00	3624486.00	5.14353	490400.00	3624486.00	4.62675
490410.00	3624486.00	4.05277	490420.00	3624486.00	3.67879
490430.00	3624486.00	3.36826	490440.00	3624486.00	3.09990
490450.00	3624486.00	2.85940	490460.00	3624486.00	2.65942
490210.00	3624496.00	8.16581	490220.00	3624496.00	9.26451
490230.00	3624496.00	10.29524	490240.00	3624496.00	11.21651
490250.00	3624496.00	11.91024	490390.00	3624496.00	4.78043
490400.00	3624496.00	4.33888	490410.00	3624496.00	3.90039
490420.00	3624496.00	3.56699	490430.00	3624496.00	3.26203
490440.00	3624496.00	2.97203	490450.00	3624496.00	2.72364
490460.00	3624496.00	2.50056	490210.00	3624506.00	6.98169
490220.00	3624506.00	7.75731	490230.00	3624506.00	8.49789
490240.00	3624506.00	9.14811	490250.00	3624506.00	9.65230
490400.00	3624506.00	4.09568	490410.00	3624506.00	3.77407
490420.00	3624506.00	3.47690	490430.00	3624506.00	3.17890
490440.00	3624506.00	2.92304	490450.00	3624506.00	2.67512
490460.00	3624506.00	2.43755	490210.00	3624516.00	6.01335
490220.00	3624516.00	6.59046	490230.00	3624516.00	7.13647
490240.00	3624516.00	7.61934	490250.00	3624516.00	8.00251
490410.00	3624516.00	3.54766	490420.00	3624516.00	3.28137
490430.00	3624516.00	3.02605	490440.00	3624516.00	2.79761
490450.00	3624516.00	2.58226	490460.00	3624516.00	2.37110
490210.00	3624526.00	5.22535	490220.00	3624526.00	5.66891
490230.00	3624526.00	6.08505	490240.00	3624526.00	6.45634
490250.00	3624526.00	6.75703	490410.00	3624526.00	3.33743
490420.00	3624526.00	3.10163	490430.00	3624526.00	2.87365
490440.00	3624526.00	2.66643	490450.00	3624526.00	2.47080
490460.00	3624526.00	2.27400	490210.00	3624536.00	4.58356
490220.00	3624536.00	4.93273	490230.00	3624536.00	5.25950
490240.00	3624536.00	5.55364	490250.00	3624536.00	5.79471
490410.00	3624536.00	3.14236	490420.00	3624536.00	2.92894
490430.00	3624536.00	2.72590	490440.00	3624536.00	2.53977
490450.00	3624536.00	2.36914	490460.00	3624536.00	2.19508
490210.00	3624546.00	4.05512	490220.00	3624546.00	4.33530
490230.00	3624546.00	4.59902	490240.00	3624546.00	4.83593
490250.00	3624546.00	5.03354	490410.00	3624546.00	2.95827
490420.00	3624546.00	2.76846	490430.00	3624546.00	2.58749
490440.00	3624546.00	2.42002	490450.00	3624546.00	2.26276
490460.00	3624546.00	2.11565	490210.00	3624556.00	3.61364

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL1A ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490220.00	3624556.00	3.84280	490230.00	3624556.00	4.05860
490240.00	3624556.00	4.25315	490250.00	3624556.00	4.41791
490410.00	3624556.00	2.78371	490420.00	3624556.00	2.61806
490430.00	3624556.00	2.45774	490440.00	3624556.00	2.30726
490450.00	3624556.00	2.16489	490460.00	3624556.00	2.02967
490210.00	3624566.00	3.24127	490220.00	3624566.00	3.43141
490230.00	3624566.00	3.61062	490240.00	3624566.00	3.77273
490250.00	3624566.00	3.91179	490260.00	3624566.00	4.02245
490270.00	3624566.00	4.09913	490280.00	3624566.00	4.13854
490290.00	3624566.00	4.14147	490300.00	3624566.00	4.10768
490310.00	3624566.00	4.04310	490320.00	3624566.00	3.94831
490330.00	3624566.00	3.83175	490340.00	3624566.00	3.70374
490350.00	3624566.00	3.56105	490360.00	3624566.00	3.40832
490370.00	3624566.00	3.25018	490380.00	3624566.00	3.09264
490390.00	3624566.00	2.93433	490400.00	3624566.00	2.77439
490410.00	3624566.00	2.61938	490420.00	3624566.00	2.47372
490430.00	3624566.00	2.33145	490440.00	3624566.00	2.19658
490450.00	3624566.00	2.06757	490460.00	3624566.00	1.94676
490210.00	3624576.00	2.92536	490220.00	3624576.00	3.08595
490230.00	3624576.00	3.23685	490240.00	3624576.00	3.37455
490250.00	3624576.00	3.49270	490260.00	3624576.00	3.58883
490270.00	3624576.00	3.65894	490280.00	3624576.00	3.69845
490290.00	3624576.00	3.70875	490300.00	3624576.00	3.69162
490310.00	3624576.00	3.64638	490320.00	3624576.00	3.57592
490330.00	3624576.00	3.48611	490340.00	3624576.00	3.38620
490350.00	3624576.00	3.27328	490360.00	3624576.00	3.14716
490370.00	3624576.00	3.01596	490380.00	3624576.00	2.88050
490390.00	3624576.00	2.74236	490400.00	3624576.00	2.60194
490410.00	3624576.00	2.46575	490420.00	3624576.00	2.33728
490430.00	3624576.00	2.21127	490440.00	3624576.00	2.09051
490450.00	3624576.00	1.97407	490460.00	3624576.00	1.86453
490210.00	3624586.00	2.65426	490220.00	3624586.00	2.79066
490230.00	3624586.00	2.91957	490240.00	3624586.00	3.03698
490250.00	3624586.00	3.13923	490260.00	3624586.00	3.22271
490270.00	3624586.00	3.28541	490280.00	3624586.00	3.32372
490290.00	3624586.00	3.34020	490300.00	3624586.00	3.33207
490310.00	3624586.00	3.30310	490320.00	3624586.00	3.25107
490330.00	3624586.00	3.18189	490340.00	3624586.00	3.10306
490350.00	3624586.00	3.01120	490360.00	3624586.00	2.90775
490370.00	3624586.00	2.79774	490380.00	3624586.00	2.68233

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL1A ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490390.00	3624586.00	2.56411	490400.00	3624586.00	2.44158
490410.00	3624586.00	2.32223	490420.00	3624586.00	2.21094
490430.00	3624586.00	2.09888	490440.00	3624586.00	1.99005
490450.00	3624586.00	1.88444	490460.00	3624586.00	1.78496
490210.00	3624596.00	2.41966	490220.00	3624596.00	2.53686
490230.00	3624596.00	2.64752	490240.00	3624596.00	2.74835
490250.00	3624596.00	2.83746	490260.00	3624596.00	2.91088
490270.00	3624596.00	2.96725	490280.00	3624596.00	3.00440
490290.00	3624596.00	3.02424	490300.00	3624596.00	3.02274
490310.00	3624596.00	3.00437	490320.00	3624596.00	2.96698
490330.00	3624596.00	2.91350	490340.00	3624596.00	2.85115
490350.00	3624596.00	2.77676	490360.00	3624596.00	2.69153
490370.00	3624596.00	2.59906	490380.00	3624596.00	2.50135
490390.00	3624596.00	2.39969	490400.00	3624596.00	2.29285
490410.00	3624596.00	2.18781	490420.00	3624596.00	2.08730
490430.00	3624596.00	1.98797	490440.00	3624596.00	1.89132
490450.00	3624596.00	1.79752	490460.00	3624596.00	1.70797
490210.00	3624606.00	2.21562	490220.00	3624606.00	2.31732
490230.00	3624606.00	2.41311	490240.00	3624606.00	2.50094
490250.00	3624606.00	2.57803	490260.00	3624606.00	2.64328
490270.00	3624606.00	2.69438	490280.00	3624606.00	2.72986
490290.00	3624606.00	2.75041	490300.00	3624606.00	2.75448
490310.00	3624606.00	2.74352	490320.00	3624606.00	2.71682
490330.00	3624606.00	2.67593	490340.00	3624606.00	2.62589
490350.00	3624606.00	2.56686	490360.00	3624606.00	2.49548
490370.00	3624606.00	2.41883	490380.00	3624606.00	2.33585
490390.00	3624606.00	2.24852	490400.00	3624606.00	2.15481
490410.00	3624606.00	2.06249	490420.00	3624606.00	1.97392
490430.00	3624606.00	1.88584	490440.00	3624606.00	1.79968
490450.00	3624606.00	1.71573	490460.00	3624606.00	1.63459
490210.00	3624616.00	2.03687	490220.00	3624616.00	2.12547
490230.00	3624616.00	2.20906	490240.00	3624616.00	2.28575
490250.00	3624616.00	2.35347	490260.00	3624616.00	2.41147
490270.00	3624616.00	2.45781	490280.00	3624616.00	2.49109
490290.00	3624616.00	2.51234	490300.00	3624616.00	2.52011
490310.00	3624616.00	2.51431	490320.00	3624616.00	2.49524
490330.00	3624616.00	2.46396	490340.00	3624616.00	2.42532
490350.00	3624616.00	2.37652	490360.00	3624616.00	2.31786
490370.00	3624616.00	2.25350	490380.00	3624616.00	2.18283
490390.00	3624616.00	2.10764	490400.00	3624616.00	2.02621

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL1A ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490410.00	3624616.00	1.94501	490420.00	3624616.00	1.86877
490430.00	3624616.00	1.79119	490440.00	3624616.00	1.71448
490450.00	3624616.00	1.63835	490460.00	3624616.00	1.56433
490307.00	3624461.00	19.64569	490317.00	3624461.00	16.82532
490307.00	3624471.00	16.12878	490317.00	3624471.00	14.18333
490307.00	3624481.00	13.37988	490317.00	3624481.00	12.02636
490307.00	3624491.00	11.22319	490317.00	3624491.00	10.27366
490307.00	3624501.00	9.51872	490317.00	3624501.00	8.84691
490307.00	3624511.00	8.15398	490317.00	3624511.00	7.68020
490307.00	3624521.00	7.05495	490317.00	3624521.00	6.71208
490276.00	3624433.00	32.10933	490286.00	3624433.00	69.45585
490296.00	3624433.00	46.83895	490276.00	3624443.00	21.77969
490286.00	3624443.00	50.43839	490296.00	3624443.00	37.13590
490276.00	3624453.00	44.46377	490286.00	3624453.00	35.76564
490296.00	3624453.00	28.71560	490276.00	3624463.00	29.98687
490286.00	3624463.00	26.09537	490296.00	3624463.00	22.33890
490276.00	3624473.00	21.60840	490286.00	3624473.00	19.78410
490296.00	3624473.00	17.69960	490276.00	3624481.00	17.32459
490286.00	3624481.00	16.27301	490296.00	3624481.00	14.92791
490276.00	3624491.00	13.63368	490286.00	3624491.00	13.06332
490296.00	3624491.00	12.24728	490276.00	3624501.00	11.03101
490286.00	3624501.00	10.70748	490296.00	3624501.00	10.20038
490276.00	3624511.00	9.12324	490286.00	3624511.00	8.94082
490296.00	3624511.00	8.61626	490276.00	3624521.00	7.67829
490286.00	3624521.00	7.57994	490296.00	3624521.00	7.36998
490279.00	3624525.00	7.18585	490289.00	3624525.00	7.07842
490299.00	3624525.00	6.87886	490309.00	3624525.00	6.62011
490319.00	3624525.00	6.30396	490279.00	3624535.00	6.18146
490289.00	3624535.00	6.12212	490299.00	3624535.00	5.99148
490309.00	3624535.00	5.80665	490319.00	3624535.00	5.57274
490279.00	3624545.00	5.37627	490289.00	3624545.00	5.34845
490299.00	3624545.00	5.26484	490309.00	3624545.00	5.13417
490319.00	3624545.00	4.96308	490298.00	3624431.00	45.51483
490298.00	3624441.00	36.86844	490308.00	3624441.00	28.66096
490318.00	3624441.00	23.10521	490298.00	3624451.00	28.93996
490308.00	3624451.00	23.61277	490318.00	3624451.00	19.61974

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL2A ***
INCLUDING SOURCE(S): L0000033 , L0000034 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624026.00	0.33783	490010.00	3624026.00	0.39048
490060.00	3624026.00	0.45028	490110.00	3624026.00	0.51533
490160.00	3624026.00	0.58192	490210.00	3624026.00	0.64598
490260.00	3624026.00	0.70666	490310.00	3624026.00	0.76945
490360.00	3624026.00	0.84082	490410.00	3624026.00	0.91944
490460.00	3624026.00	0.99112	490510.00	3624026.00	1.03555
490560.00	3624026.00	1.04254	490610.00	3624026.00	1.01200
490660.00	3624026.00	0.95269	490710.00	3624026.00	0.87637
489960.00	3624076.00	0.39226	490010.00	3624076.00	0.46541
490060.00	3624076.00	0.55311	490110.00	3624076.00	0.65414
490160.00	3624076.00	0.76305	490210.00	3624076.00	0.87119
490260.00	3624076.00	0.97467	490310.00	3624076.00	1.08325
490360.00	3624076.00	1.20732	490410.00	3624076.00	1.33275
490460.00	3624076.00	1.41810	490510.00	3624076.00	1.43416
490560.00	3624076.00	1.38229	490610.00	3624076.00	1.28061
490660.00	3624076.00	1.15268	490710.00	3624076.00	1.01861
489960.00	3624126.00	0.45491	490010.00	3624126.00	0.55608
490060.00	3624126.00	0.68700	490110.00	3624126.00	0.84985
490160.00	3624126.00	1.03997	490210.00	3624126.00	1.23902
490260.00	3624126.00	1.43704	490310.00	3624126.00	1.64470
490360.00	3624126.00	1.87346	490410.00	3624126.00	2.05450
490460.00	3624126.00	2.09823	490510.00	3624126.00	1.99663
490560.00	3624126.00	1.80367	490610.00	3624126.00	1.57380
490660.00	3624126.00	1.34579	490710.00	3624126.00	1.13970
489960.00	3624176.00	0.52283	490010.00	3624176.00	0.66205
490060.00	3624176.00	0.85905	490110.00	3624176.00	1.13040
490160.00	3624176.00	1.48743	490210.00	3624176.00	1.90797
490260.00	3624176.00	2.33878	490310.00	3624176.00	2.78077
490360.00	3624176.00	3.21719	490410.00	3624176.00	3.35753
490460.00	3624176.00	3.13533	490510.00	3624176.00	2.71562
490560.00	3624176.00	2.25471	490610.00	3624176.00	1.83883
490660.00	3624176.00	1.49189	490710.00	3624176.00	1.21364
489960.00	3624226.00	0.59031	490010.00	3624226.00	0.77626
490060.00	3624226.00	1.06772	490110.00	3624226.00	1.52485
490160.00	3624226.00	2.23883	490210.00	3624226.00	3.26850
490260.00	3624226.00	4.45415	490310.00	3624226.00	5.64235
490360.00	3624226.00	6.19859	490410.00	3624226.00	5.60965
490460.00	3624226.00	4.49297	490510.00	3624226.00	3.44871
490560.00	3624226.00	2.61342	490610.00	3624226.00	1.99772
490660.00	3624226.00	1.54802	490710.00	3624226.00	1.21954

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL2A ***
INCLUDING SOURCE(S): L0000033 , L0000034 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624276.00	0.64719	490010.00	3624276.00	0.88121
490060.00	3624276.00	1.28652	490110.00	3624276.00	2.01882
490160.00	3624276.00	3.47126	490210.00	3624276.00	6.46682
490260.00	3624276.00	11.25493	490310.00	3624276.00	14.92226
490360.00	3624276.00	12.87112	490410.00	3624276.00	8.73599
490460.00	3624276.00	5.73366	490510.00	3624276.00	3.88238
490560.00	3624276.00	2.72570	490610.00	3624276.00	1.98561
490660.00	3624276.00	1.49250	490710.00	3624276.00	1.15429
489960.00	3624326.00	0.67887	490010.00	3624326.00	0.94717
490060.00	3624326.00	1.44628	490110.00	3624326.00	2.46011
490160.00	3624326.00	5.00857	490210.00	3624326.00	14.18320
490260.00	3624326.00	53.76299	490310.00	3624326.00	60.59077
490360.00	3624326.00	23.84349	490410.00	3624326.00	10.94270
490460.00	3624326.00	6.02586	490510.00	3624326.00	3.75817
490560.00	3624326.00	2.53015	490610.00	3624326.00	1.80586
490660.00	3624326.00	1.34540	490710.00	3624326.00	1.03777
489960.00	3624376.00	0.68536	490010.00	3624376.00	0.96683
490060.00	3624376.00	1.48618	490110.00	3624376.00	2.56559
490160.00	3624376.00	5.47683	490410.00	3624376.00	9.57938
490460.00	3624376.00	5.11865	490510.00	3624376.00	3.17389
490560.00	3624376.00	2.14573	490610.00	3624376.00	1.54435
490660.00	3624376.00	1.16211	490710.00	3624376.00	0.90430
489960.00	3624426.00	0.65894	490010.00	3624426.00	0.91270
490060.00	3624426.00	1.35361	490110.00	3624426.00	2.22238
490160.00	3624426.00	4.07932	490410.00	3624426.00	6.44725
490460.00	3624426.00	3.85328	490510.00	3624426.00	2.49140
490560.00	3624426.00	1.76993	490610.00	3624426.00	1.30010
490660.00	3624426.00	0.99491	490710.00	3624426.00	0.78466
489960.00	3624476.00	0.60873	490010.00	3624476.00	0.81817
490060.00	3624476.00	1.14732	490110.00	3624476.00	1.73155
490160.00	3624476.00	2.69288	490410.00	3624476.00	4.17318
490460.00	3624476.00	2.83952	490510.00	3624476.00	1.99411
490560.00	3624476.00	1.48597	490610.00	3624476.00	1.11626
490660.00	3624476.00	0.86819	490710.00	3624476.00	0.69284
489960.00	3624526.00	0.54393	490010.00	3624526.00	0.69930
490060.00	3624526.00	0.93881	490110.00	3624526.00	1.30283
490160.00	3624526.00	1.86355	490410.00	3624526.00	2.97599
490460.00	3624526.00	2.20429	490510.00	3624526.00	1.62004
490560.00	3624526.00	1.27328	490610.00	3624526.00	0.98268
490660.00	3624526.00	0.77648	490710.00	3624526.00	0.62621

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL2A ***
INCLUDING SOURCE(S): L0000033 , L0000034 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624576.00	0.47415	490010.00	3624576.00	0.59257
490060.00	3624576.00	0.75750	490110.00	3624576.00	0.99935
490160.00	3624576.00	1.36344	490210.00	3624576.00	1.81524
490260.00	3624576.00	2.23822	490310.00	3624576.00	2.47098
490360.00	3624576.00	2.41460	490410.00	3624576.00	2.12126
490460.00	3624576.00	1.74146	490510.00	3624576.00	1.32556
490560.00	3624576.00	1.05244	490610.00	3624576.00	0.87455
490660.00	3624576.00	0.70397	490710.00	3624576.00	0.57499
489960.00	3624626.00	0.41359	490010.00	3624626.00	0.50359
490060.00	3624626.00	0.62323	490110.00	3624626.00	0.79537
490160.00	3624626.00	1.02918	490210.00	3624626.00	1.28498
490260.00	3624626.00	1.51993	490310.00	3624626.00	1.66659
490360.00	3624626.00	1.67690	490410.00	3624626.00	1.55004
490460.00	3624626.00	1.35580	490510.00	3624626.00	1.13479
490560.00	3624626.00	0.89614	490610.00	3624626.00	0.76530
490660.00	3624626.00	0.63925	490710.00	3624626.00	0.53061
489960.00	3624676.00	0.36160	490010.00	3624676.00	0.43180
490060.00	3624676.00	0.52531	490110.00	3624676.00	0.64899
490160.00	3624676.00	0.79853	490210.00	3624676.00	0.95805
490260.00	3624676.00	1.10166	490310.00	3624676.00	1.19700
490360.00	3624676.00	1.21907	490410.00	3624676.00	1.15651
490460.00	3624676.00	1.02385	490510.00	3624676.00	0.90483
490560.00	3624676.00	0.77610	490610.00	3624676.00	0.64375
490660.00	3624676.00	0.57318	490710.00	3624676.00	0.48845
489960.00	3624726.00	0.31813	490010.00	3624726.00	0.37478
490060.00	3624726.00	0.44595	490110.00	3624726.00	0.53450
490160.00	3624726.00	0.63726	490210.00	3624726.00	0.74254
490260.00	3624726.00	0.83585	490310.00	3624726.00	0.89680
490360.00	3624726.00	0.91889	490410.00	3624726.00	0.89156
490460.00	3624726.00	0.84234	490510.00	3624726.00	0.77112
490560.00	3624726.00	0.68363	490610.00	3624726.00	0.56264
490660.00	3624726.00	0.48626	490710.00	3624726.00	0.44512
489960.00	3624776.00	0.28233	490010.00	3624776.00	0.32748
490060.00	3624776.00	0.38249	490110.00	3624776.00	0.44768
490160.00	3624776.00	0.51987	490210.00	3624776.00	0.59308
490260.00	3624776.00	0.65750	490310.00	3624776.00	0.70272
490360.00	3624776.00	0.72178	490410.00	3624776.00	0.71304
490460.00	3624776.00	0.68554	490510.00	3624776.00	0.63955
490560.00	3624776.00	0.58273	490610.00	3624776.00	0.51926
490660.00	3624776.00	0.43247	490710.00	3624776.00	0.38114

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL2A ***
INCLUDING SOURCE(S): L0000033 , L0000034 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624826.00	0.24905	490010.00	3624826.00	0.28586
490060.00	3624826.00	0.32928	490110.00	3624826.00	0.37814
490160.00	3624826.00	0.43239	490210.00	3624826.00	0.48535
490260.00	3624826.00	0.53132	490310.00	3624826.00	0.56424
490360.00	3624826.00	0.58041	490410.00	3624826.00	0.57870
490460.00	3624826.00	0.56249	490510.00	3624826.00	0.53410
490560.00	3624826.00	0.49690	490610.00	3624826.00	0.45469
490660.00	3624826.00	0.40400	490710.00	3624826.00	0.34268
489960.00	3624876.00	0.22288	490010.00	3624876.00	0.25162
490060.00	3624876.00	0.28630	490110.00	3624876.00	0.32504
490160.00	3624876.00	0.36537	490210.00	3624876.00	0.40466
490260.00	3624876.00	0.43858	490310.00	3624876.00	0.46321
490360.00	3624876.00	0.47633	490410.00	3624876.00	0.47766
490460.00	3624876.00	0.46847	490510.00	3624876.00	0.45043
490560.00	3624876.00	0.42559	490610.00	3624876.00	0.39616
490660.00	3624876.00	0.36098	490710.00	3624876.00	0.31185
490210.00	3624326.00	14.18320	490220.00	3624326.00	18.29772
490230.00	3624326.00	24.05854	490240.00	3624326.00	31.92454
490250.00	3624326.00	42.47307	490260.00	3624326.00	53.76299
490270.00	3624326.00	62.93680	490280.00	3624326.00	68.08303
490290.00	3624326.00	69.87996	490300.00	3624326.00	67.66119
490310.00	3624326.00	60.59077	490320.00	3624326.00	51.34367
490330.00	3624326.00	42.28532	490340.00	3624326.00	34.66506
490350.00	3624326.00	28.55829	490360.00	3624326.00	23.84349
490370.00	3624326.00	20.06617	490380.00	3624326.00	17.03107
490390.00	3624326.00	14.57770	490400.00	3624326.00	12.58806
490410.00	3624326.00	10.94270	490420.00	3624326.00	9.56492
490430.00	3624326.00	8.45421	490440.00	3624326.00	7.51473
490450.00	3624326.00	6.70975	490460.00	3624326.00	6.02586
490210.00	3624336.00	16.19079	490220.00	3624336.00	21.71160
490230.00	3624336.00	30.10825	490240.00	3624336.00	42.95083
490250.00	3624336.00	15.29438	490260.00	3624336.00	21.81265
490270.00	3624336.00	31.74463	490280.00	3624336.00	46.33040
490290.00	3624336.00	47.31890	490300.00	3624336.00	34.94185
490310.00	3624336.00	26.37938	490320.00	3624336.00	68.36292
490330.00	3624336.00	51.73025	490340.00	3624336.00	40.00693
490350.00	3624336.00	31.61163	490360.00	3624336.00	25.63266
490370.00	3624336.00	21.12106	490380.00	3624336.00	17.64391
490390.00	3624336.00	14.91335	490400.00	3624336.00	12.74464
490410.00	3624336.00	10.98625	490420.00	3624336.00	9.55150

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL2A ***
INCLUDING SOURCE(S): L0000033 , L0000034 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490430.00	3624336.00	8.40401	490440.00	3624336.00	7.43530
490450.00	3624336.00	6.61641	490460.00	3624336.00	5.92609
490210.00	3624346.00	17.93127	490220.00	3624346.00	24.93333
490230.00	3624346.00	36.51544	490240.00	3624346.00	56.66164
490250.00	3624346.00	17.92073	490260.00	3624346.00	27.20230
490270.00	3624346.00	43.55160	490280.00	3624346.00	0.00000
490290.00	3624346.00	0.00000	490300.00	3624346.00	43.39183
490310.00	3624346.00	30.15302	490320.00	3624346.00	22.41283
490330.00	3624346.00	61.45865	490340.00	3624346.00	44.42156
490350.00	3624346.00	33.76077	490360.00	3624346.00	26.69922
490370.00	3624346.00	21.63041	490380.00	3624346.00	17.83559
490390.00	3624346.00	14.93067	490400.00	3624346.00	12.66172
490410.00	3624346.00	10.85380	490420.00	3624346.00	9.40985
490430.00	3624346.00	8.24762	490440.00	3624346.00	7.27780
490450.00	3624346.00	6.46481	490460.00	3624346.00	5.78178
490210.00	3624356.00	18.97134	490220.00	3624356.00	27.09116
490230.00	3624356.00	41.24567	490240.00	3624356.00	13.13517
490250.00	3624356.00	19.70935	490260.00	3624356.00	31.14306
490270.00	3624356.00	0.00000	490280.00	3624356.00	0.00000
490290.00	3624356.00	0.00000	490300.00	3624356.00	49.54162
490310.00	3624356.00	32.17788	490320.00	3624356.00	23.10619
490330.00	3624356.00	68.13039	490340.00	3624356.00	46.46500
490350.00	3624356.00	34.40552	490360.00	3624356.00	26.76085
490370.00	3624356.00	21.45619	490380.00	3624356.00	17.55609
490390.00	3624356.00	14.62378	490400.00	3624356.00	12.35893
490410.00	3624356.00	10.56615	490420.00	3624356.00	9.15063
490430.00	3624356.00	7.99940	490440.00	3624356.00	7.04955
490450.00	3624356.00	6.25895	490460.00	3624356.00	5.59450
490210.00	3624366.00	19.02034	490220.00	3624366.00	27.28671
490230.00	3624366.00	41.75083	490240.00	3624366.00	13.29931
490250.00	3624366.00	19.87815	490370.00	3624366.00	20.56921
490380.00	3624366.00	16.83177	490390.00	3624366.00	14.01474
490400.00	3624366.00	11.84328	490410.00	3624366.00	10.13780
490420.00	3624366.00	8.77530	490430.00	3624366.00	7.66937
490440.00	3624366.00	6.76179	490450.00	3624366.00	6.00717
490460.00	3624366.00	5.37111	490210.00	3624376.00	18.18150
490220.00	3624376.00	25.50697	490230.00	3624376.00	37.76095
490240.00	3624376.00	12.47378	490250.00	3624376.00	18.39449
490370.00	3624376.00	19.10546	490380.00	3624376.00	15.73286
490390.00	3624376.00	13.15988	490400.00	3624376.00	11.16144

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL2A ***
INCLUDING SOURCE(S): L0000033 , L0000034 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490410.00	3624376.00	9.57938	490420.00	3624376.00	8.31500
490430.00	3624376.00	7.27701	490440.00	3624376.00	6.42388
490450.00	3624376.00	5.71754	490460.00	3624376.00	5.11865
490210.00	3624386.00	16.49735	490220.00	3624386.00	22.10063
490230.00	3624386.00	30.99805	490240.00	3624386.00	44.87469
490250.00	3624386.00	15.32548	490370.00	3624386.00	17.29014
490380.00	3624386.00	14.41115	490390.00	3624386.00	12.16021
490400.00	3624386.00	10.38228	490410.00	3624386.00	8.95772
490420.00	3624386.00	7.81386	490430.00	3624386.00	6.86005
490440.00	3624386.00	6.05761	490450.00	3624386.00	5.40638
490460.00	3624386.00	4.85353	490210.00	3624396.00	14.53868
490220.00	3624396.00	18.70772	490230.00	3624396.00	24.71901
490240.00	3624396.00	32.89799	490250.00	3624396.00	43.72533
490370.00	3624396.00	15.32787	490380.00	3624396.00	12.98923
490390.00	3624396.00	11.08599	490400.00	3624396.00	9.55297
490410.00	3624396.00	8.30963	490420.00	3624396.00	7.28274
490430.00	3624396.00	6.42862	490440.00	3624396.00	5.69379
490450.00	3624396.00	5.09249	490460.00	3624396.00	4.58686
490210.00	3624406.00	12.51763	490220.00	3624406.00	15.54418
490230.00	3624406.00	19.57460	490240.00	3624406.00	24.41514
490250.00	3624406.00	30.47357	490370.00	3624406.00	13.45328
490380.00	3624406.00	11.59910	490390.00	3624406.00	10.02677
490400.00	3624406.00	8.73204	490410.00	3624406.00	7.65668
490420.00	3624406.00	6.75405	490430.00	3624406.00	6.00166
490440.00	3624406.00	5.34835	490450.00	3624406.00	4.79112
490460.00	3624406.00	4.32499	490210.00	3624416.00	10.67329
490220.00	3624416.00	12.88713	490230.00	3624416.00	15.72073
490240.00	3624416.00	18.84435	490250.00	3624416.00	22.47633
490370.00	3624416.00	11.76660	490380.00	3624416.00	10.30094
490390.00	3624416.00	9.02771	490400.00	3624416.00	7.94714
490410.00	3624416.00	7.02770	490420.00	3624416.00	6.24995
490430.00	3624416.00	5.58809	490440.00	3624416.00	5.01501
490450.00	3624416.00	4.50788	490460.00	3624416.00	4.07881
490210.00	3624426.00	9.07527	490220.00	3624426.00	10.70602
490230.00	3624426.00	12.59985	490240.00	3624426.00	14.82570
490250.00	3624426.00	17.29612	490370.00	3624426.00	10.30904
490380.00	3624426.00	9.14792	490390.00	3624426.00	8.11639
490400.00	3624426.00	7.22360	490410.00	3624426.00	6.44725
490420.00	3624426.00	5.77849	490430.00	3624426.00	5.19658
490440.00	3624426.00	4.69245	490450.00	3624426.00	4.24992

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL2A ***
INCLUDING SOURCE(S): L0000033 , L0000034 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490460.00	3624426.00	3.85328	490210.00	3624436.00	7.76204
490220.00	3624436.00	9.00181	490230.00	3624436.00	10.38013
490240.00	3624436.00	12.00242	490250.00	3624436.00	13.71823
490370.00	3624436.00	9.06707	490380.00	3624436.00	8.14824
490390.00	3624436.00	7.31160	490400.00	3624436.00	6.57035
490410.00	3624436.00	5.91580	490420.00	3624436.00	5.34266
490430.00	3624436.00	4.82759	490440.00	3624436.00	4.38641
490450.00	3624436.00	3.99857	490460.00	3624436.00	3.64318
490210.00	3624446.00	6.73699	490220.00	3624446.00	7.69218
490230.00	3624446.00	8.77577	490240.00	3624446.00	9.96542
490250.00	3624446.00	11.15017	490370.00	3624446.00	8.02624
490380.00	3624446.00	7.28491	490390.00	3624446.00	6.60574
490400.00	3624446.00	5.98911	490410.00	3624446.00	5.43502
490420.00	3624446.00	4.94037	490430.00	3624446.00	4.49703
490440.00	3624446.00	4.10409	490450.00	3624446.00	3.75632
490460.00	3624446.00	3.43847	490210.00	3624456.00	5.87215
490220.00	3624456.00	6.60898	490230.00	3624456.00	7.41129
490240.00	3624456.00	8.31695	490250.00	3624456.00	9.20765
490370.00	3624456.00	7.14782	490380.00	3624456.00	6.55656
490390.00	3624456.00	5.99428	490400.00	3624456.00	5.47402
490410.00	3624456.00	5.00393	490420.00	3624456.00	4.58020
490430.00	3624456.00	4.19348	490440.00	3624456.00	3.84612
490450.00	3624456.00	3.53184	490460.00	3624456.00	3.23932
490210.00	3624466.00	5.16724	490220.00	3624466.00	5.75610
490230.00	3624466.00	6.40733	490240.00	3624466.00	7.08908
490250.00	3624466.00	7.75124	490370.00	3624466.00	6.39039
490380.00	3624466.00	5.91109	490390.00	3624466.00	5.43414
490400.00	3624466.00	4.98482	490410.00	3624466.00	4.58059
490420.00	3624466.00	4.21931	490430.00	3624466.00	3.88862
490440.00	3624466.00	3.59260	490450.00	3624466.00	3.30800
490460.00	3624466.00	3.04312	490210.00	3624476.00	4.57690
490220.00	3624476.00	5.06184	490230.00	3624476.00	5.59766
490240.00	3624476.00	6.12287	490250.00	3624476.00	6.61399
490370.00	3624476.00	5.72990	490380.00	3624476.00	5.33357
490390.00	3624476.00	4.94114	490400.00	3624476.00	4.56326
490410.00	3624476.00	4.17318	490420.00	3624476.00	3.84496
490430.00	3624476.00	3.57002	490440.00	3624476.00	3.31098
490450.00	3624476.00	3.07156	490460.00	3624476.00	2.83952
490210.00	3624486.00	4.08362	490220.00	3624486.00	4.48335
490230.00	3624486.00	4.90757	490240.00	3624486.00	5.33127

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL2A ***
INCLUDING SOURCE(S): L0000033 , L0000034 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490250.00	3624486.00	5.71166	490380.00	3624486.00	4.85184
490390.00	3624486.00	4.53018	490400.00	3624486.00	4.18980
490410.00	3624486.00	3.76328	490420.00	3624486.00	3.47993
490430.00	3624486.00	3.23462	490440.00	3624486.00	3.01402
490450.00	3624486.00	2.80871	490460.00	3624486.00	2.63390
490210.00	3624496.00	3.67572	490220.00	3624496.00	4.01456
490230.00	3624496.00	4.34787	490240.00	3624496.00	4.68569
490250.00	3624496.00	4.98361	490390.00	3624496.00	4.16685
490400.00	3624496.00	3.88907	490410.00	3624496.00	3.58353
490420.00	3624496.00	3.34200	490430.00	3624496.00	3.10749
490440.00	3624496.00	2.87167	490450.00	3624496.00	2.66234
490460.00	3624496.00	2.46776	490210.00	3624506.00	3.32162
490220.00	3624506.00	3.60440	490230.00	3624506.00	3.88392
490240.00	3624506.00	4.14841	490250.00	3624506.00	4.38944
490400.00	3624506.00	3.63192	490410.00	3624506.00	3.42597
490420.00	3624506.00	3.22115	490430.00	3624506.00	2.99955
490440.00	3624506.00	2.80029	490450.00	3624506.00	2.59677
490460.00	3624506.00	2.39287	490210.00	3624516.00	3.01649
490220.00	3624516.00	3.25451	490230.00	3624516.00	3.47749
490240.00	3624516.00	3.69675	490250.00	3624516.00	3.89750
490410.00	3624516.00	3.19149	490420.00	3624516.00	3.01392
490430.00	3624516.00	2.83131	490440.00	3624516.00	2.65928
490450.00	3624516.00	2.48865	490460.00	3624516.00	2.31300
490210.00	3624526.00	2.74902	490220.00	3624526.00	2.94717
490230.00	3624526.00	3.13658	490240.00	3624526.00	3.31603
490250.00	3624526.00	3.48512	490410.00	3624526.00	2.97599
490420.00	3624526.00	2.82404	490430.00	3624526.00	2.66619
490440.00	3624526.00	2.51474	490450.00	3624526.00	2.36411
490460.00	3624526.00	2.20429	490210.00	3624536.00	2.51381
490220.00	3624536.00	2.67747	490230.00	3624536.00	2.84020
490240.00	3624536.00	2.99219	490250.00	3624536.00	3.13603
490410.00	3624536.00	2.77823	490420.00	3624536.00	2.64451
490430.00	3624536.00	2.50824	490440.00	3624536.00	2.37623
490450.00	3624536.00	2.24919	490460.00	3624536.00	2.11221
490210.00	3624546.00	2.30677	490220.00	3624546.00	2.44471
490230.00	3624546.00	2.58384	490240.00	3624546.00	2.71454
490250.00	3624546.00	2.83789	490410.00	3624546.00	2.59474
490420.00	3624546.00	2.47927	490430.00	3624546.00	2.36139
490440.00	3624546.00	2.24602	490450.00	3624546.00	2.13191
490460.00	3624546.00	2.02015	490210.00	3624556.00	2.12232

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL2A ***
INCLUDING SOURCE(S): L0000033 , L0000034 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490220.00	3624556.00	2.24415	490230.00	3624556.00	2.36173
490240.00	3624556.00	2.47431	490250.00	3624556.00	2.58095
490410.00	3624556.00	2.42409	490420.00	3624556.00	2.32643
490430.00	3624556.00	2.22507	490440.00	3624556.00	2.12428
490450.00	3624556.00	2.02377	490460.00	3624556.00	1.92363
490210.00	3624566.00	1.96251	490220.00	3624566.00	2.06587
490230.00	3624566.00	2.16701	490240.00	3624566.00	2.26486
490250.00	3624566.00	2.35752	490260.00	3624566.00	2.44325
490270.00	3624566.00	2.51971	490280.00	3624566.00	2.58477
490290.00	3624566.00	2.63733	490300.00	3624566.00	2.67547
490310.00	3624566.00	2.69963	490320.00	3624566.00	2.70787
490330.00	3624566.00	2.70200	490340.00	3624566.00	2.68555
490350.00	3624566.00	2.65533	490360.00	3624566.00	2.61255
490370.00	3624566.00	2.55896	490380.00	3624566.00	2.49776
490390.00	3624566.00	2.42806	490400.00	3624566.00	2.34937
490410.00	3624566.00	2.26634	490420.00	3624566.00	2.18279
490430.00	3624566.00	2.09520	490440.00	3624566.00	2.00722
490450.00	3624566.00	1.91839	490460.00	3624566.00	1.83132
490210.00	3624576.00	1.81524	490220.00	3624576.00	1.90721
490230.00	3624576.00	1.99599	490240.00	3624576.00	2.08193
490250.00	3624576.00	2.16299	490260.00	3624576.00	2.23822
490270.00	3624576.00	2.30591	490280.00	3624576.00	2.36365
490290.00	3624576.00	2.41096	490300.00	3624576.00	2.44734
490310.00	3624576.00	2.47098	490320.00	3624576.00	2.48147
490330.00	3624576.00	2.47998	490340.00	3624576.00	2.46991
490350.00	3624576.00	2.44856	490360.00	3624576.00	2.41460
490370.00	3624576.00	2.37179	490380.00	3624576.00	2.32014
490390.00	3624576.00	2.26037	490400.00	3624576.00	2.19259
490410.00	3624576.00	2.12126	490420.00	3624576.00	2.04935
490430.00	3624576.00	1.97370	490440.00	3624576.00	1.89681
490450.00	3624576.00	1.81854	490460.00	3624576.00	1.74146
490210.00	3624586.00	1.68504	490220.00	3624586.00	1.76637
490230.00	3624586.00	1.84466	490240.00	3624586.00	1.92034
490250.00	3624586.00	1.99191	490260.00	3624586.00	2.05807
490270.00	3624586.00	2.11782	490280.00	3624586.00	2.16920
490290.00	3624586.00	2.21261	490300.00	3624586.00	2.24590
490310.00	3624586.00	2.26969	490320.00	3624586.00	2.28163
490330.00	3624586.00	2.28330	490340.00	3624586.00	2.27751
490350.00	3624586.00	2.26146	490360.00	3624586.00	2.23496
490370.00	3624586.00	2.20009	490380.00	3624586.00	2.15705

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL2A ***
INCLUDING SOURCE(S): L0000033 , L0000034 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490390.00	3624586.00	2.10710	490400.00	3624586.00	2.04906
490410.00	3624586.00	1.98784	490420.00	3624586.00	1.92726
490430.00	3624586.00	1.86150	490440.00	3624586.00	1.79370
490450.00	3624586.00	1.72422	490460.00	3624586.00	1.65576
490210.00	3624596.00	1.56995	490220.00	3624596.00	1.64069
490230.00	3624596.00	1.71005	490240.00	3624596.00	1.77686
490250.00	3624596.00	1.84038	490260.00	3624596.00	1.89906
490270.00	3624596.00	1.95213	490280.00	3624596.00	1.99834
490290.00	3624596.00	2.03804	490300.00	3624596.00	2.06871
490310.00	3624596.00	2.09160	490320.00	3624596.00	2.10474
490330.00	3624596.00	2.10852	490340.00	3624596.00	2.10587
490350.00	3624596.00	2.09426	490360.00	3624596.00	2.07354
490370.00	3624596.00	2.04508	490380.00	3624596.00	2.00958
490390.00	3624596.00	1.96751	490400.00	3624596.00	1.91778
490410.00	3624596.00	1.86482	490420.00	3624596.00	1.81082
490430.00	3624596.00	1.75370	490440.00	3624596.00	1.69476
490450.00	3624596.00	1.63444	490460.00	3624596.00	1.57414
490210.00	3624606.00	1.46514	490220.00	3624606.00	1.52820
490230.00	3624606.00	1.58993	490240.00	3624606.00	1.64947
490250.00	3624606.00	1.70568	490260.00	3624606.00	1.75810
490270.00	3624606.00	1.80562	490280.00	3624606.00	1.84732
490290.00	3624606.00	1.88315	490300.00	3624606.00	1.91188
490310.00	3624606.00	1.93359	490320.00	3624606.00	1.94719
490330.00	3624606.00	1.95267	490340.00	3624606.00	1.95198
490350.00	3624606.00	1.94453	490360.00	3624606.00	1.92784
490370.00	3624606.00	1.90529	490380.00	3624606.00	1.87591
490390.00	3624606.00	1.84051	490400.00	3624606.00	1.79750
490410.00	3624606.00	1.75171	490420.00	3624606.00	1.70501
490430.00	3624606.00	1.65532	490440.00	3624606.00	1.60381
490450.00	3624606.00	1.55092	490460.00	3624606.00	1.49735
490210.00	3624616.00	1.37056	490220.00	3624616.00	1.42697
490230.00	3624616.00	1.48216	490240.00	3624616.00	1.53527
490250.00	3624616.00	1.58547	490260.00	3624616.00	1.63239
490270.00	3624616.00	1.67509	490280.00	3624616.00	1.71272
490290.00	3624616.00	1.74547	490300.00	3624616.00	1.77230
490310.00	3624616.00	1.79267	490320.00	3624616.00	1.80616
490330.00	3624616.00	1.81270	490340.00	3624616.00	1.81432
490350.00	3624616.00	1.80896	490360.00	3624616.00	1.79623
490370.00	3624616.00	1.77799	490380.00	3624616.00	1.75355
490390.00	3624616.00	1.72364	490400.00	3624616.00	1.68685

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL2A ***
INCLUDING SOURCE(S): L0000033 , L0000034 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490410.00	3624616.00	1.64713	490420.00	3624616.00	1.60796
490430.00	3624616.00	1.56506	490440.00	3624616.00	1.52008
490450.00	3624616.00	1.47292	490460.00	3624616.00	1.42487
490307.00	3624461.00	9.93585	490317.00	3624461.00	9.63925
490307.00	3624471.00	8.39182	490317.00	3624471.00	8.20626
490307.00	3624481.00	7.18820	490317.00	3624481.00	7.07332
490307.00	3624491.00	6.22803	490317.00	3624491.00	6.15836
490307.00	3624501.00	5.44881	490317.00	3624501.00	5.40879
490307.00	3624511.00	4.80576	490317.00	3624511.00	4.78708
490307.00	3624521.00	4.26928	490317.00	3624521.00	4.26183
490276.00	3624433.00	17.99931	490286.00	3624433.00	18.40576
490296.00	3624433.00	18.25766	490276.00	3624443.00	14.13367
490286.00	3624443.00	14.49864	490296.00	3624443.00	14.47731
490276.00	3624453.00	11.42448	490286.00	3624453.00	11.71803
490296.00	3624453.00	11.74626	490276.00	3624463.00	9.42210
490286.00	3624463.00	9.65855	490296.00	3624463.00	9.71909
490276.00	3624473.00	7.91221	490286.00	3624473.00	8.11077
490296.00	3624473.00	8.18498	490276.00	3624481.00	6.95721
490286.00	3624481.00	7.13367	490296.00	3624481.00	7.21309
490276.00	3624491.00	5.99401	490286.00	3624491.00	6.14673
490296.00	3624491.00	6.22622	490276.00	3624501.00	5.22222
490286.00	3624501.00	5.35441	490296.00	3624501.00	5.43012
490276.00	3624511.00	4.59379	490286.00	3624511.00	4.70835
490296.00	3624511.00	4.77843	490276.00	3624521.00	4.07343
490286.00	3624521.00	4.17326	490296.00	3624521.00	4.23727
490279.00	3624525.00	3.92137	490289.00	3624525.00	4.00633
490299.00	3624525.00	4.05862	490309.00	3624525.00	4.08156
490319.00	3624525.00	4.06877	490279.00	3624535.00	3.50996
490289.00	3624535.00	3.58496	490299.00	3624535.00	3.63407
490309.00	3624535.00	3.65803	490319.00	3624535.00	3.65339
490279.00	3624545.00	3.15970	490289.00	3624545.00	3.22664
490299.00	3624545.00	3.27299	490309.00	3624545.00	3.29820
490319.00	3624545.00	3.30090	490298.00	3624431.00	19.07527
490298.00	3624441.00	15.07782	490308.00	3624441.00	14.59322
490318.00	3624441.00	13.82793	490298.00	3624451.00	12.20026
490308.00	3624451.00	11.92044	490318.00	3624451.00	11.42803

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAULB ***
INCLUDING SOURCE(S): L0000016 , L0000017 , L0000018 , L0000019 , L0000020 ,
L0000021 , L0000022 , L0000023 , L0000024 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624026.00	0.50939	490010.00	3624026.00	0.63741
490060.00	3624026.00	0.81157	490110.00	3624026.00	1.04734
490160.00	3624026.00	1.35212	490210.00	3624026.00	1.69936
490260.00	3624026.00	2.05035	490310.00	3624026.00	2.41060
490360.00	3624026.00	2.59500	490410.00	3624026.00	2.52083
490460.00	3624026.00	2.28407	490510.00	3624026.00	1.99007
490560.00	3624026.00	1.69927	490610.00	3624026.00	1.43622
490660.00	3624026.00	1.20918	490710.00	3624026.00	1.01856
489960.00	3624076.00	0.58832	490010.00	3624076.00	0.76590
490060.00	3624076.00	1.03165	490110.00	3624076.00	1.44621
490160.00	3624076.00	2.11047	490210.00	3624076.00	3.10810
490260.00	3624076.00	4.24967	490310.00	3624076.00	4.91003
490360.00	3624076.00	4.52543	490410.00	3624076.00	3.78799
490460.00	3624076.00	3.06470	490510.00	3624076.00	2.45585
490560.00	3624076.00	1.97074	490610.00	3624076.00	1.58914
490660.00	3624076.00	1.29016	490710.00	3624076.00	1.05681
489960.00	3624126.00	0.66533	490010.00	3624126.00	0.89980
490060.00	3624126.00	1.28360	490110.00	3624126.00	1.97491
490160.00	3624126.00	3.41536	490210.00	3624126.00	7.20133
490260.00	3624126.00	15.75357	490310.00	3624126.00	11.49661
490360.00	3624126.00	7.50824	490410.00	3624126.00	5.23137
490460.00	3624126.00	3.78193	490510.00	3624126.00	2.80847
490560.00	3624126.00	2.13556	490610.00	3624126.00	1.65579
490660.00	3624126.00	1.30641	490710.00	3624126.00	1.04757
489960.00	3624176.00	0.72934	490010.00	3624176.00	1.01280
490060.00	3624176.00	1.51836	490110.00	3624176.00	2.52166
490160.00	3624176.00	5.01510	490210.00	3624176.00	15.10451
490260.00	3624176.00	16.16440	490310.00	3624176.00	21.22765
490360.00	3624176.00	10.38736	490410.00	3624176.00	6.32753
490460.00	3624176.00	4.20087	490510.00	3624176.00	2.94780
490560.00	3624176.00	2.15158	490610.00	3624176.00	1.62270
490660.00	3624176.00	1.25612	490710.00	3624176.00	0.99411
489960.00	3624226.00	0.76626	490010.00	3624226.00	1.08183
490060.00	3624226.00	1.66799	490110.00	3624226.00	2.88954
490160.00	3624226.00	6.05851	490210.00	3624226.00	18.72497
490260.00	3624226.00	25.55336	490310.00	3624226.00	25.28744
490360.00	3624226.00	11.73422	490410.00	3624226.00	6.66731
490460.00	3624226.00	4.18682	490510.00	3624226.00	2.83967
490560.00	3624226.00	2.02341	490610.00	3624226.00	1.50420
490660.00	3624226.00	1.15418	490710.00	3624226.00	0.90928

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAULB ***
INCLUDING SOURCE(S): L0000016 , L0000017 , L0000018 , L0000019 , L0000020 ,
L0000021 , L0000022 , L0000023 , L0000024 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624276.00	0.76966	490010.00	3624276.00	1.08945
490060.00	3624276.00	1.69345	490110.00	3624276.00	2.95552
490160.00	3624276.00	6.24304	490210.00	3624276.00	19.17676
490260.00	3624276.00	26.68589	490310.00	3624276.00	25.43910
490360.00	3624276.00	11.38468	490410.00	3624276.00	6.18649
490460.00	3624276.00	3.78855	490510.00	3624276.00	2.53529
490560.00	3624276.00	1.79909	490610.00	3624276.00	1.33618
490660.00	3624276.00	1.02649	490710.00	3624276.00	0.81150
489960.00	3624326.00	0.73545	490010.00	3624326.00	1.03032
490060.00	3624326.00	1.58129	490110.00	3624326.00	2.70439
490160.00	3624326.00	5.56312	490210.00	3624326.00	17.12491
490260.00	3624326.00	22.72275	490310.00	3624326.00	21.68763
490360.00	3624326.00	9.34278	490410.00	3624326.00	5.09853
490460.00	3624326.00	3.16940	490510.00	3624326.00	2.15329
490560.00	3624326.00	1.54572	490610.00	3624326.00	1.15983
490660.00	3624326.00	0.89974	490710.00	3624326.00	0.71782
489960.00	3624376.00	0.68056	490010.00	3624376.00	0.93712
490060.00	3624376.00	1.38428	490110.00	3624376.00	2.22529
490160.00	3624376.00	4.14172	490410.00	3624376.00	3.83290
490460.00	3624376.00	2.53614	490510.00	3624376.00	1.78860
490560.00	3624376.00	1.31685	490610.00	3624376.00	1.00646
490660.00	3624376.00	0.79219	490710.00	3624376.00	0.63860
489960.00	3624426.00	0.60860	490010.00	3624426.00	0.80946
490060.00	3624426.00	1.13079	490110.00	3624426.00	1.68928
490160.00	3624426.00	2.66110	490410.00	3624426.00	2.79921
490460.00	3624426.00	2.00809	490510.00	3624426.00	1.47374
490560.00	3624426.00	1.13530	490610.00	3624426.00	0.88516
490660.00	3624426.00	0.70715	490710.00	3624426.00	0.57617
489960.00	3624476.00	0.53363	490010.00	3624476.00	0.68597
490060.00	3624476.00	0.90657	490110.00	3624476.00	1.25573
490160.00	3624476.00	1.74342	490410.00	3624476.00	2.03334
490460.00	3624476.00	1.57818	490510.00	3624476.00	1.23184
490560.00	3624476.00	0.98876	490610.00	3624476.00	0.78842
490660.00	3624476.00	0.64008	490710.00	3624476.00	0.52729
489960.00	3624526.00	0.46207	490010.00	3624526.00	0.57105
490060.00	3624526.00	0.72908	490110.00	3624526.00	0.94738
490160.00	3624526.00	1.23927	490410.00	3624526.00	1.55867
490460.00	3624526.00	1.27367	490510.00	3624526.00	1.02711
490560.00	3624526.00	0.86189	490610.00	3624526.00	0.70589
490660.00	3624526.00	0.58343	490710.00	3624526.00	0.48675

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAULB ***
INCLUDING SOURCE(S): L0000016 , L0000017 , L0000018 , L0000019 , L0000020 ,
L0000021 , L0000022 , L0000023 , L0000024 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624576.00	0.39718	490010.00	3624576.00	0.48058
490060.00	3624576.00	0.59109	490110.00	3624576.00	0.73994
490160.00	3624576.00	0.93226	490210.00	3624576.00	1.13006
490260.00	3624576.00	1.28505	490310.00	3624576.00	1.34875
490360.00	3624576.00	1.30933	490410.00	3624576.00	1.19197
490460.00	3624576.00	1.04012	490510.00	3624576.00	0.85685
490560.00	3624576.00	0.72474	490610.00	3624576.00	0.63094
490660.00	3624576.00	0.53167	490710.00	3624576.00	0.45023
489960.00	3624626.00	0.34535	490010.00	3624626.00	0.40965
490060.00	3624626.00	0.49129	490110.00	3624626.00	0.59849
490160.00	3624626.00	0.72506	490210.00	3624626.00	0.84566
490260.00	3624626.00	0.94199	490310.00	3624626.00	0.99128
490360.00	3624626.00	0.98472	490410.00	3624626.00	0.92650
490460.00	3624626.00	0.84195	490510.00	3624626.00	0.74170
490560.00	3624626.00	0.62274	490610.00	3624626.00	0.55455
490660.00	3624626.00	0.48248	490710.00	3624626.00	0.41535
489960.00	3624676.00	0.30272	490010.00	3624676.00	0.35355
490060.00	3624676.00	0.41762	490110.00	3624676.00	0.49515
490160.00	3624676.00	0.57907	490210.00	3624676.00	0.65911
490260.00	3624676.00	0.72316	490310.00	3624676.00	0.75969
490360.00	3624676.00	0.76283	490410.00	3624676.00	0.73009
490460.00	3624676.00	0.66576	490510.00	3624676.00	0.60865
490560.00	3624676.00	0.54372	490610.00	3624676.00	0.47161
490660.00	3624676.00	0.43278	490710.00	3624676.00	0.38134
489960.00	3624726.00	0.26761	490010.00	3624726.00	0.30888
490060.00	3624726.00	0.35796	490110.00	3624726.00	0.41443
490160.00	3624726.00	0.47374	490210.00	3624726.00	0.52949
490260.00	3624726.00	0.57397	490310.00	3624726.00	0.59931
490360.00	3624726.00	0.60551	490410.00	3624726.00	0.58889
490460.00	3624726.00	0.56358	490510.00	3624726.00	0.52789
490560.00	3624726.00	0.48269	490610.00	3624726.00	0.41465
490660.00	3624726.00	0.37054	490710.00	3624726.00	0.34703
489960.00	3624776.00	0.23866	490010.00	3624776.00	0.27170
490060.00	3624776.00	0.30987	490110.00	3624776.00	0.35181
490160.00	3624776.00	0.39517	490210.00	3624776.00	0.43556
490260.00	3624776.00	0.46806	490310.00	3624776.00	0.48858
490360.00	3624776.00	0.49524	490410.00	3624776.00	0.48834
490460.00	3624776.00	0.47297	490510.00	3624776.00	0.44849
490560.00	3624776.00	0.41803	490610.00	3624776.00	0.38283
490660.00	3624776.00	0.33064	490710.00	3624776.00	0.29944

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAULB ***
INCLUDING SOURCE(S): L0000016 , L0000017 , L0000018 , L0000019 , L0000020 ,
L0000021 , L0000022 , L0000023 , L0000024 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624826.00	0.21207	490010.00	3624826.00	0.23923
490060.00	3624826.00	0.26966	490110.00	3624826.00	0.30198
490160.00	3624826.00	0.33505	490210.00	3624826.00	0.36533
490260.00	3624826.00	0.38962	490310.00	3624826.00	0.40550
490360.00	3624826.00	0.41201	490410.00	3624826.00	0.40926
490460.00	3624826.00	0.39938	490510.00	3624826.00	0.38338
490560.00	3624826.00	0.36262	490610.00	3624826.00	0.33869
490660.00	3624826.00	0.30864	490710.00	3624826.00	0.26975
489960.00	3624876.00	0.19080	490010.00	3624876.00	0.21225
490060.00	3624876.00	0.23678	490110.00	3624876.00	0.26250
490160.00	3624876.00	0.28791	490210.00	3624876.00	0.31108
490260.00	3624876.00	0.32974	490310.00	3624876.00	0.34224
490360.00	3624876.00	0.34800	490410.00	3624876.00	0.34734
490460.00	3624876.00	0.34120	490510.00	3624876.00	0.33043
490560.00	3624876.00	0.31596	490610.00	3624876.00	0.29877
490660.00	3624876.00	0.27761	490710.00	3624876.00	0.24609
490210.00	3624326.00	17.12491	490220.00	3624326.00	23.54943
490230.00	3624326.00	34.10063	490240.00	3624326.00	32.08408
490250.00	3624326.00	20.90600	490260.00	3624326.00	22.72275
490270.00	3624326.00	21.96018	490280.00	3624326.00	33.35057
490290.00	3624326.00	37.28937	490300.00	3624326.00	27.59182
490310.00	3624326.00	21.68763	490320.00	3624326.00	17.71330
490330.00	3624326.00	14.77709	490340.00	3624326.00	12.52750
490350.00	3624326.00	10.75081	490360.00	3624326.00	9.34278
490370.00	3624326.00	8.17575	490380.00	3624326.00	7.20079
490390.00	3624326.00	6.38093	490400.00	3624326.00	5.69022
490410.00	3624326.00	5.09853	490420.00	3624326.00	4.58565
490430.00	3624326.00	4.15818	490440.00	3624326.00	3.78547
490450.00	3624326.00	3.45659	490460.00	3624326.00	3.16940
490210.00	3624336.00	16.20534	490220.00	3624336.00	22.31404
490230.00	3624336.00	32.47070	490240.00	3624336.00	28.58261
490250.00	3624336.00	20.12317	490260.00	3624336.00	21.55924
490270.00	3624336.00	19.95102	490280.00	3624336.00	30.17911
490290.00	3624336.00	35.15544	490300.00	3624336.00	25.79269
490310.00	3624336.00	20.21667	490320.00	3624336.00	16.51259
490330.00	3624336.00	13.79162	490340.00	3624336.00	11.71141
490350.00	3624336.00	10.06534	490360.00	3624336.00	8.76604
490370.00	3624336.00	7.69244	490380.00	3624336.00	6.79471
490390.00	3624336.00	6.03645	490400.00	3624336.00	5.39373
490410.00	3624336.00	4.84181	490420.00	3624336.00	4.36701

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAULB ***
INCLUDING SOURCE(S): L0000016 , L0000017 , L0000018 , L0000019 ,
L0000020 ,
L0000021 , L0000022 , L0000023 , L0000024 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490430.00	3624336.00	3.96889	490440.00	3624336.00	3.61790
490450.00	3624336.00	3.30896	490460.00	3624336.00	3.03873
490210.00	3624346.00	15.03718	490220.00	3624346.00	20.65553
490230.00	3624346.00	30.08636	490240.00	3624346.00	11.90268
490250.00	3624346.00	13.37010	490260.00	3624346.00	13.96917
490270.00	3624346.00	13.44934	490280.00	3624346.00	12.18687
490290.00	3624346.00	32.14275	490300.00	3624346.00	23.50790
490310.00	3624346.00	18.45510	490320.00	3624346.00	15.12616
490330.00	3624346.00	12.68432	490340.00	3624346.00	10.81775
490350.00	3624346.00	9.33423	490360.00	3624346.00	8.15857
490370.00	3624346.00	7.18830	490380.00	3624346.00	6.37148
490390.00	3624346.00	5.67932	490400.00	3624346.00	5.08909
490410.00	3624346.00	4.58146	490420.00	3624346.00	4.14765
490430.00	3624346.00	3.77709	490440.00	3624346.00	3.45069
490450.00	3624346.00	3.16321	490460.00	3624346.00	2.91062
490210.00	3624356.00	13.61688	490220.00	3624356.00	18.51827
490230.00	3624356.00	26.81832	490240.00	3624356.00	20.00494
490250.00	3624356.00	9.64888	490260.00	3624356.00	9.98097
490270.00	3624356.00	9.82318	490280.00	3624356.00	20.04266
490290.00	3624356.00	28.25338	490300.00	3624356.00	20.75940
490310.00	3624356.00	16.46023	490320.00	3624356.00	13.60325
490330.00	3624356.00	11.49946	490340.00	3624356.00	9.87533
490350.00	3624356.00	8.58202	490360.00	3624356.00	7.53893
490370.00	3624356.00	6.67549	490380.00	3624356.00	5.94343
490390.00	3624356.00	5.32137	490400.00	3624356.00	4.78813
490410.00	3624356.00	4.32615	490420.00	3624356.00	3.93151
490430.00	3624356.00	3.58748	490440.00	3624356.00	3.28533
490450.00	3624356.00	3.01929	490460.00	3624356.00	2.78399
490210.00	3624366.00	12.00182	490220.00	3624366.00	15.94619
490230.00	3624366.00	22.37707	490240.00	3624366.00	14.00560
490250.00	3624366.00	16.08363	490370.00	3624366.00	6.16746
490380.00	3624366.00	5.52385	490390.00	3624366.00	4.97010
490400.00	3624366.00	4.49192	490410.00	3624366.00	4.07754
490420.00	3624366.00	3.71669	490430.00	3624366.00	3.40064
490440.00	3624366.00	3.12307	490450.00	3624366.00	2.87777
490460.00	3624366.00	2.65919	490210.00	3624376.00	10.32276
490220.00	3624376.00	13.22505	490230.00	3624376.00	17.49258
490240.00	3624376.00	23.84972	490250.00	3624376.00	11.28899
490370.00	3624376.00	5.67895	490380.00	3624376.00	5.11853
490390.00	3624376.00	4.63055	490400.00	3624376.00	4.20535

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAULB ***
INCLUDING SOURCE(S): L0000016 , L0000017 , L0000018 , L0000019 , L0000020 ,
L0000021 , L0000022 , L0000023 , L0000024 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490410.00	3624376.00	3.83290	490420.00	3624376.00	3.50753
490430.00	3624376.00	3.21843	490440.00	3624376.00	2.96335
490450.00	3624376.00	2.73834	490460.00	3624376.00	2.53614
490210.00	3624386.00	8.73718	490220.00	3624386.00	10.66646
490230.00	3624386.00	13.24714	490240.00	3624386.00	16.41971
490250.00	3624386.00	19.52544	490370.00	3624386.00	5.21827
490380.00	3624386.00	4.73601	490390.00	3624386.00	4.30974
490400.00	3624386.00	3.93387	490410.00	3624386.00	3.60133
490420.00	3624386.00	3.30987	490430.00	3624386.00	3.04692
490440.00	3624386.00	2.80900	490450.00	3624386.00	2.60317
490460.00	3624386.00	2.41789	490210.00	3624396.00	7.35493
490220.00	3624396.00	8.62811	490230.00	3624396.00	10.16037
490240.00	3624396.00	11.78818	490250.00	3624396.00	13.24602
490370.00	3624396.00	4.78436	490380.00	3624396.00	4.37585
490390.00	3624396.00	4.00600	490400.00	3624396.00	3.67645
490410.00	3624396.00	3.38317	490420.00	3624396.00	3.11990
490430.00	3624396.00	2.88369	490440.00	3624396.00	2.66546
490450.00	3624396.00	2.47511	490460.00	3624396.00	2.30553
490210.00	3624406.00	6.19009	490220.00	3624406.00	7.04918
490230.00	3624406.00	8.01207	490240.00	3624406.00	8.92873
490250.00	3624406.00	9.72631	490370.00	3624406.00	4.38611
490380.00	3624406.00	4.04218	490390.00	3624406.00	3.72318
490400.00	3624406.00	3.43566	490410.00	3624406.00	3.17587
490420.00	3624406.00	2.94035	490430.00	3624406.00	2.72956
490440.00	3624406.00	2.53389	490450.00	3624406.00	2.35617
490460.00	3624406.00	2.19879	490210.00	3624416.00	5.24613
490220.00	3624416.00	5.85676	490230.00	3624416.00	6.51876
490240.00	3624416.00	7.11198	490250.00	3624416.00	7.60905
490370.00	3624416.00	4.02353	490380.00	3624416.00	3.73273
490390.00	3624416.00	3.46016	490400.00	3624416.00	3.20987
490410.00	3624416.00	2.98050	490420.00	3624416.00	2.77247
490430.00	3624416.00	2.58344	490440.00	3624416.00	2.40935
490450.00	3624416.00	2.24580	490460.00	3624416.00	2.09953
490210.00	3624426.00	4.49287	490220.00	3624426.00	4.94259
490230.00	3624426.00	5.39609	490240.00	3624426.00	5.83436
490250.00	3624426.00	6.19435	490370.00	3624426.00	3.69665
490380.00	3624426.00	3.45019	490390.00	3624426.00	3.21635
490400.00	3624426.00	2.99990	490410.00	3624426.00	2.79921
490420.00	3624426.00	2.61522	490430.00	3624426.00	2.44524
490440.00	3624426.00	2.28931	490450.00	3624426.00	2.14473

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAULB ***
INCLUDING SOURCE(S): L0000016 , L0000017 , L0000018 , L0000019 , L0000020 ,
L0000021 , L0000022 , L0000023 , L0000024 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490460.00	3624426.00	2.00809	490210.00	3624436.00	3.89822
490220.00	3624436.00	4.24480	490230.00	3624436.00	4.58460
490240.00	3624436.00	4.91405	490250.00	3624436.00	5.17993
490370.00	3624436.00	3.40191	490380.00	3624436.00	3.19357
490390.00	3624436.00	2.99314	490400.00	3624436.00	2.80529
490410.00	3624436.00	2.62990	490420.00	3624436.00	2.46752
490430.00	3624436.00	2.31346	490440.00	3624436.00	2.17428
490450.00	3624436.00	2.04560	490460.00	3624436.00	1.92175
490210.00	3624446.00	3.43293	490220.00	3624446.00	3.70452
490230.00	3624446.00	3.97404	490240.00	3624446.00	4.22257
490250.00	3624446.00	4.41867	490370.00	3624446.00	3.13849
490380.00	3624446.00	2.95984	490390.00	3624446.00	2.78870
490400.00	3624446.00	2.62583	490410.00	3624446.00	2.47210
490420.00	3624446.00	2.32792	490430.00	3624446.00	2.19218
490440.00	3624446.00	2.06586	490450.00	3624446.00	1.94864
490460.00	3624446.00	1.83642	490210.00	3624456.00	3.04781
490220.00	3624456.00	3.26393	490230.00	3624456.00	3.47428
490240.00	3624456.00	3.67200	490250.00	3624456.00	3.82879
490370.00	3624456.00	2.90200	490380.00	3624456.00	2.75140
490390.00	3624456.00	2.60319	490400.00	3624456.00	2.46040
490410.00	3624456.00	2.32569	490420.00	3624456.00	2.19886
490430.00	3624456.00	2.07784	490440.00	3624456.00	1.96414
490450.00	3624456.00	1.85660	490460.00	3624456.00	1.75193
490210.00	3624466.00	2.73076	490220.00	3624466.00	2.90777
490230.00	3624466.00	3.08092	490240.00	3624466.00	3.23690
490250.00	3624466.00	3.36176	490370.00	3624466.00	2.68666
490380.00	3624466.00	2.55818	490390.00	3624466.00	2.42683
490400.00	3624466.00	2.29863	490410.00	3624466.00	2.17879
490420.00	3624466.00	2.06744	490430.00	3624466.00	1.96135
490440.00	3624466.00	1.86252	490450.00	3624466.00	1.76345
490460.00	3624466.00	1.66721	490210.00	3624476.00	2.46371
490220.00	3624476.00	2.61213	490230.00	3624476.00	2.75615
490240.00	3624476.00	2.88148	490250.00	3624476.00	2.98407
490370.00	3624476.00	2.48939	490380.00	3624476.00	2.37785
490390.00	3624476.00	2.26502	490400.00	3624476.00	2.15320
490410.00	3624476.00	2.03334	490420.00	3624476.00	1.92860
490430.00	3624476.00	1.83789	490440.00	3624476.00	1.74919
490450.00	3624476.00	1.66407	490460.00	3624476.00	1.57818
490210.00	3624486.00	2.23723	490220.00	3624486.00	2.36225
490230.00	3624486.00	2.48102	490240.00	3624486.00	2.58519

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAULB ***
INCLUDING SOURCE(S): L0000016 , L0000017 , L0000018 , L0000019 , L0000020 ,
L0000021 , L0000022 , L0000023 , L0000024 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490250.00	3624486.00	2.67245	490380.00	3624486.00	2.22001
490390.00	3624486.00	2.12399	490400.00	3624486.00	2.01984
490410.00	3624486.00	1.88251	490420.00	3624486.00	1.78837
490430.00	3624486.00	1.70453	490440.00	3624486.00	1.62677
490450.00	3624486.00	1.55189	490460.00	3624486.00	1.48639
490210.00	3624496.00	2.04463	490220.00	3624496.00	2.15143
490230.00	3624496.00	2.24918	490240.00	3624496.00	2.33618
490250.00	3624496.00	2.41120	490390.00	3624496.00	1.99520
490400.00	3624496.00	1.90767	490410.00	3624496.00	1.80821
490420.00	3624496.00	1.72744	490430.00	3624496.00	1.64645
490440.00	3624496.00	1.56176	490450.00	3624496.00	1.48399
490460.00	3624496.00	1.40901	490210.00	3624506.00	1.87647
490220.00	3624506.00	1.96752	490230.00	3624506.00	2.05008
490240.00	3624506.00	2.12424	490250.00	3624506.00	2.18925
490400.00	3624506.00	1.80859	490410.00	3624506.00	1.74071
490420.00	3624506.00	1.67174	490430.00	3624506.00	1.59487
490440.00	3624506.00	1.52365	490450.00	3624506.00	1.44821
490460.00	3624506.00	1.36939	490210.00	3624516.00	1.72942
490220.00	3624516.00	1.80719	490230.00	3624516.00	1.87744
490240.00	3624516.00	1.94188	490250.00	3624516.00	1.99868
490410.00	3624516.00	1.64673	490420.00	3624516.00	1.58557
490430.00	3624516.00	1.52117	490440.00	3624516.00	1.45893
490450.00	3624516.00	1.39534	490460.00	3624516.00	1.32748
490210.00	3624526.00	1.59942	490220.00	3624526.00	1.66584
490230.00	3624526.00	1.72715	490240.00	3624526.00	1.78354
490250.00	3624526.00	1.83353	490410.00	3624526.00	1.55867
490420.00	3624526.00	1.50519	490430.00	3624526.00	1.44850
490440.00	3624526.00	1.39287	490450.00	3624526.00	1.33606
490460.00	3624526.00	1.27367	490210.00	3624536.00	1.48394
490220.00	3624536.00	1.54138	490230.00	3624536.00	1.59530
490240.00	3624536.00	1.64499	490250.00	3624536.00	1.68925
490410.00	3624536.00	1.47635	490420.00	3624536.00	1.42823
490430.00	3624536.00	1.37836	490440.00	3624536.00	1.32911
490450.00	3624536.00	1.28068	490460.00	3624536.00	1.22688
490210.00	3624546.00	1.38070	490220.00	3624546.00	1.43116
490230.00	3624546.00	1.47886	490240.00	3624546.00	1.52290
490250.00	3624546.00	1.56227	490410.00	3624546.00	1.39872
490420.00	3624546.00	1.35626	490430.00	3624546.00	1.31230
490440.00	3624546.00	1.26856	490450.00	3624546.00	1.22443
490460.00	3624546.00	1.18026	490210.00	3624556.00	1.28814

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAULB ***
INCLUDING SOURCE(S): L0000016 , L0000017 , L0000018 , L0000019 , L0000020 ,
L0000021 , L0000022 , L0000023 , L0000024 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490220.00	3624556.00	1.33301	490230.00	3624556.00	1.37542
490240.00	3624556.00	1.41452	490250.00	3624556.00	1.44972
490410.00	3624556.00	1.32537	490420.00	3624556.00	1.28869
490430.00	3624556.00	1.25018	490440.00	3624556.00	1.21136
490450.00	3624556.00	1.17196	490460.00	3624556.00	1.13191
490210.00	3624566.00	1.20504	490220.00	3624566.00	1.24510
490230.00	3624566.00	1.28285	490240.00	3624566.00	1.31778
490250.00	3624566.00	1.34938	490260.00	3624566.00	1.37716
490270.00	3624566.00	1.40050	490280.00	3624566.00	1.41891
490290.00	3624566.00	1.43232	490300.00	3624566.00	1.44034
490310.00	3624566.00	1.44342	490320.00	3624566.00	1.44108
490330.00	3624566.00	1.43415	490340.00	3624566.00	1.42401
490350.00	3624566.00	1.40953	490360.00	3624566.00	1.39112
490370.00	3624566.00	1.36934	490380.00	3624566.00	1.34523
490390.00	3624566.00	1.31831	490400.00	3624566.00	1.28819
490410.00	3624566.00	1.25644	490420.00	3624566.00	1.22437
490430.00	3624566.00	1.19047	490440.00	3624566.00	1.15600
490450.00	3624566.00	1.12066	490460.00	3624566.00	1.08545
490210.00	3624576.00	1.13006	490220.00	3624576.00	1.16604
490230.00	3624576.00	1.19996	490240.00	3624576.00	1.23146
490250.00	3624576.00	1.25988	490260.00	3624576.00	1.28505
490270.00	3624576.00	1.30651	490280.00	3624576.00	1.32357
490290.00	3624576.00	1.33634	490300.00	3624576.00	1.34488
490310.00	3624576.00	1.34875	490320.00	3624576.00	1.34799
490330.00	3624576.00	1.34318	490340.00	3624576.00	1.33572
490350.00	3624576.00	1.32460	490360.00	3624576.00	1.30933
490370.00	3624576.00	1.29125	490380.00	3624576.00	1.27028
490390.00	3624576.00	1.24654	490400.00	3624576.00	1.21991
490410.00	3624576.00	1.19197	490420.00	3624576.00	1.16378
490430.00	3624576.00	1.13393	490440.00	3624576.00	1.10330
490450.00	3624576.00	1.07170	490460.00	3624576.00	1.04012
490210.00	3624586.00	1.06218	490220.00	3624586.00	1.09461
490230.00	3624586.00	1.12520	490240.00	3624586.00	1.15360
490250.00	3624586.00	1.17941	490260.00	3624586.00	1.20220
490270.00	3624586.00	1.22177	490280.00	3624586.00	1.23756
490290.00	3624586.00	1.24995	490300.00	3624586.00	1.25832
490310.00	3624586.00	1.26310	490320.00	3624586.00	1.26355
490330.00	3624586.00	1.26042	490340.00	3624586.00	1.25488
490350.00	3624586.00	1.24590	490360.00	3624586.00	1.23338
490370.00	3624586.00	1.21810	490380.00	3624586.00	1.20006

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAULB ***
INCLUDING SOURCE(S): L0000016 , L0000017 , L0000018 , L0000019 , L0000020 ,
L0000021 , L0000022 , L0000023 , L0000024 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490390.00	3624586.00	1.17965	490400.00	3624586.00	1.15626
490410.00	3624586.00	1.13171	490420.00	3624586.00	1.10747
490430.00	3624586.00	1.08103	490440.00	3624586.00	1.05355
490450.00	3624586.00	1.02506	490460.00	3624586.00	0.99665
490210.00	3624596.00	1.00051	490220.00	3624596.00	1.02980
490230.00	3624596.00	1.05746	490240.00	3624596.00	1.08313
490250.00	3624596.00	1.10663	490260.00	3624596.00	1.12741
490270.00	3624596.00	1.14535	490280.00	3624596.00	1.16009
490290.00	3624596.00	1.17198	490300.00	3624596.00	1.18018
490310.00	3624596.00	1.18536	490320.00	3624596.00	1.18687
490330.00	3624596.00	1.18499	490340.00	3624596.00	1.18097
490350.00	3624596.00	1.17384	490360.00	3624596.00	1.16354
490370.00	3624596.00	1.15060	490380.00	3624596.00	1.13524
490390.00	3624596.00	1.11756	490400.00	3624596.00	1.09700
490410.00	3624596.00	1.07527	490420.00	3624596.00	1.05318
490430.00	3624596.00	1.02976	490440.00	3624596.00	1.00545
490450.00	3624596.00	0.98035	490460.00	3624596.00	0.95500
490210.00	3624606.00	0.94428	490220.00	3624606.00	0.97087
490230.00	3624606.00	0.99598	490240.00	3624606.00	1.01936
490250.00	3624606.00	1.04064	490260.00	3624606.00	1.05971
490270.00	3624606.00	1.07625	490280.00	3624606.00	1.09002
490290.00	3624606.00	1.10117	490300.00	3624606.00	1.10934
490310.00	3624606.00	1.11469	490320.00	3624606.00	1.11692
490330.00	3624606.00	1.11611	490340.00	3624606.00	1.11314
490350.00	3624606.00	1.10781	490360.00	3624606.00	1.09911
490370.00	3624606.00	1.08842	490380.00	3624606.00	1.07530
490390.00	3624606.00	1.06000	490400.00	3624606.00	1.04178
490410.00	3624606.00	1.02255	490420.00	3624606.00	1.00305
490430.00	3624606.00	0.98228	490440.00	3624606.00	0.96068
490450.00	3624606.00	0.93834	490460.00	3624606.00	0.91550
490210.00	3624616.00	0.89283	490220.00	3624616.00	0.91702
490230.00	3624616.00	0.93990	490240.00	3624616.00	0.96120
490250.00	3624616.00	0.98063	490260.00	3624616.00	0.99813
490270.00	3624616.00	1.01340	490280.00	3624616.00	1.02622
490290.00	3624616.00	1.03681	490300.00	3624616.00	1.04484
490310.00	3624616.00	1.05022	490320.00	3624616.00	1.05286
490330.00	3624616.00	1.05285	490340.00	3624616.00	1.05108
490350.00	3624616.00	1.04674	490360.00	3624616.00	1.03969
490370.00	3624616.00	1.03068	490380.00	3624616.00	1.01941
490390.00	3624616.00	1.00613	490400.00	3624616.00	0.99015

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAULB ***
INCLUDING SOURCE(S): L0000016 , L0000017 , L0000018 , L0000019 , L0000020 ,
L0000021 , L0000022 , L0000023 , L0000024 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490410.00	3624616.00	0.97309	490420.00	3624616.00	0.95640
490430.00	3624616.00	0.93815	490440.00	3624616.00	0.91897
490450.00	3624616.00	0.89874	490460.00	3624616.00	0.87796
490307.00	3624461.00	3.63450	490317.00	3624461.00	3.53425
490307.00	3624471.00	3.25716	490317.00	3624471.00	3.18500
490307.00	3624481.00	2.93655	490317.00	3624481.00	2.88465
490307.00	3624491.00	2.66158	490317.00	3624491.00	2.62421
490307.00	3624501.00	2.42375	490317.00	3624501.00	2.39698
490307.00	3624511.00	2.21622	490317.00	3624511.00	2.19782
490307.00	3624521.00	2.03448	490317.00	3624521.00	2.02141
490276.00	3624433.00	5.65610	490286.00	3624433.00	5.55655
490296.00	3624433.00	5.38449	490276.00	3624443.00	4.82602
490286.00	3624443.00	4.77823	490296.00	3624443.00	4.67366
490276.00	3624453.00	4.18023	490286.00	3624453.00	4.16214
490296.00	3624453.00	4.09865	490276.00	3624463.00	3.66598
490286.00	3624463.00	3.66547	490296.00	3624463.00	3.62873
490276.00	3624473.00	3.24910	490286.00	3624473.00	3.25872
490296.00	3624473.00	3.23874	490276.00	3624481.00	2.96868
490286.00	3624481.00	2.98307	490296.00	3624481.00	2.97261
490276.00	3624491.00	2.66951	490286.00	3624491.00	2.68715
490296.00	3624491.00	2.68480	490276.00	3624501.00	2.41597
490286.00	3624501.00	2.43485	490296.00	3624501.00	2.43769
490276.00	3624511.00	2.19896	490286.00	3624511.00	2.21813
490296.00	3624511.00	2.22387	490276.00	3624521.00	2.01115
490286.00	3624521.00	2.03011	490296.00	3624521.00	2.03761
490279.00	3624525.00	1.94971	490289.00	3624525.00	1.96521
490299.00	3624525.00	1.97029	490309.00	3624525.00	1.96667
490319.00	3624525.00	1.95282	490279.00	3624535.00	1.79415
490289.00	3624535.00	1.80934	490299.00	3624535.00	1.81590
490309.00	3624535.00	1.81460	490319.00	3624535.00	1.80471
490279.00	3624545.00	1.65681	490289.00	3624545.00	1.67167
490299.00	3624545.00	1.67936	490309.00	3624545.00	1.68011
490319.00	3624545.00	1.67382	490298.00	3624431.00	5.50030
490298.00	3624441.00	4.77420	490308.00	3624441.00	4.60424
490318.00	3624441.00	4.40702	490298.00	3624451.00	4.18536
490308.00	3624451.00	4.07031	490318.00	3624451.00	3.92769

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAULC ***
INCLUDING SOURCE(S): L0000025 , L0000026 , L0000027 , L0000028 , L0000029 ,
L0000030 , L0000031 , L0000032 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624026.00	3.89337	490010.00	3624026.00	4.35910
490060.00	3624026.00	4.66590	490110.00	3624026.00	4.82734
490160.00	3624026.00	4.83863	490210.00	3624026.00	4.66734
490260.00	3624026.00	4.26131	490310.00	3624026.00	3.59925
490360.00	3624026.00	2.82951	490410.00	3624026.00	2.15887
490460.00	3624026.00	1.64460	490510.00	3624026.00	1.26947
490560.00	3624026.00	0.99858	490610.00	3624026.00	0.80048
490660.00	3624026.00	0.65300	490710.00	3624026.00	0.54128
489960.00	3624076.00	8.30486	490010.00	3624076.00	8.94149
490060.00	3624076.00	9.32154	490110.00	3624076.00	9.49115
490160.00	3624076.00	9.44221	490210.00	3624076.00	9.01678
490260.00	3624076.00	7.72361	490310.00	3624076.00	5.28353
490360.00	3624076.00	3.44953	490410.00	3624076.00	2.33619
490460.00	3624076.00	1.65734	490510.00	3624076.00	1.22760
490560.00	3624076.00	0.94367	490610.00	3624076.00	0.74701
490660.00	3624076.00	0.60525	490710.00	3624076.00	0.50016
489960.00	3624126.00	6.87795	490010.00	3624126.00	10.98891
490060.00	3624126.00	6.17472	490110.00	3624126.00	6.14063
490160.00	3624126.00	6.01170	490210.00	3624126.00	5.36785
490260.00	3624126.00	6.18254	490310.00	3624126.00	7.14348
490360.00	3624126.00	3.63195	490410.00	3624126.00	2.22969
490460.00	3624126.00	1.51873	490510.00	3624126.00	1.10688
490560.00	3624126.00	0.84681	490610.00	3624126.00	0.67057
490660.00	3624126.00	0.54496	490710.00	3624126.00	0.45203
489960.00	3624176.00	6.33077	490010.00	3624176.00	10.20316
490060.00	3624176.00	5.62717	490110.00	3624176.00	5.48536
490160.00	3624176.00	5.26049	490210.00	3624176.00	4.54280
490260.00	3624176.00	5.23109	490310.00	3624176.00	6.03140
490360.00	3624176.00	3.03544	490410.00	3624176.00	1.87750
490460.00	3624176.00	1.29266	490510.00	3624176.00	0.95415
490560.00	3624176.00	0.73769	490610.00	3624176.00	0.59027
490660.00	3624176.00	0.48417	490710.00	3624176.00	0.40483
489960.00	3624226.00	7.00887	490010.00	3624226.00	7.27519
490060.00	3624226.00	7.36152	490110.00	3624226.00	7.29335
490160.00	3624226.00	7.04088	490210.00	3624226.00	6.44588
490260.00	3624226.00	5.15567	490310.00	3624226.00	3.42547
490360.00	3624226.00	2.20399	490410.00	3624226.00	1.49424
490460.00	3624226.00	1.07428	490510.00	3624226.00	0.81573
490560.00	3624226.00	0.64197	490610.00	3624226.00	0.52073
490660.00	3624226.00	0.43160	490710.00	3624226.00	0.36402

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAULC ***
INCLUDING SOURCE(S): L0000025 , L0000026 , L0000027 , L0000028 , L0000029 ,
L0000030 , L0000031 , L0000032 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624276.00	3.54259	490010.00	3624276.00	3.75204
490060.00	3624276.00	3.84414	490110.00	3624276.00	3.82758
490160.00	3624276.00	3.69096	490210.00	3624276.00	3.38828
490260.00	3624276.00	2.87475	490310.00	3624276.00	2.22860
490360.00	3624276.00	1.64474	490410.00	3624276.00	1.20749
490460.00	3624276.00	0.90967	490510.00	3624276.00	0.70960
490560.00	3624276.00	0.56884	490610.00	3624276.00	0.46696
490660.00	3624276.00	0.39034	490710.00	3624276.00	0.33167
489960.00	3624326.00	2.19628	490010.00	3624326.00	2.35356
490060.00	3624326.00	2.43422	490110.00	3624326.00	2.43911
490160.00	3624326.00	2.36490	490210.00	3624326.00	2.19994
490260.00	3624326.00	1.93983	490310.00	3624326.00	1.61389
490360.00	3624326.00	1.28656	490410.00	3624326.00	1.00433
490460.00	3624326.00	0.78870	490510.00	3624326.00	0.63153
490560.00	3624326.00	0.51418	490610.00	3624326.00	0.42637
490660.00	3624326.00	0.35911	490710.00	3624326.00	0.30699
489960.00	3624376.00	1.50162	490010.00	3624376.00	1.61966
490060.00	3624376.00	1.68770	490110.00	3624376.00	1.70294
490160.00	3624376.00	1.66491	490410.00	3624376.00	0.84878
490460.00	3624376.00	0.69204	490510.00	3624376.00	0.56804
490560.00	3624376.00	0.47032	490610.00	3624376.00	0.39445
490660.00	3624376.00	0.33499	490710.00	3624376.00	0.28782
489960.00	3624426.00	1.09232	490010.00	3624426.00	1.18058
490060.00	3624426.00	1.23571	490110.00	3624426.00	1.25597
490160.00	3624426.00	1.23821	490410.00	3624426.00	0.72286
490460.00	3624426.00	0.60818	490510.00	3624426.00	0.50899
490560.00	3624426.00	0.43248	490610.00	3624426.00	0.36713
490660.00	3624426.00	0.31460	490710.00	3624426.00	0.27195
489960.00	3624476.00	0.83122	490010.00	3624476.00	0.89741
490060.00	3624476.00	0.94177	490110.00	3624476.00	0.96193
490160.00	3624476.00	0.95761	490410.00	3624476.00	0.61423
490460.00	3624476.00	0.53075	490510.00	3624476.00	0.45697
490560.00	3624476.00	0.39715	490610.00	3624476.00	0.34182
490660.00	3624476.00	0.29601	490710.00	3624476.00	0.25778
489960.00	3624526.00	0.65434	490010.00	3624526.00	0.70424
490060.00	3624526.00	0.74009	490110.00	3624526.00	0.75892
490160.00	3624526.00	0.75976	490410.00	3624526.00	0.53429
490460.00	3624526.00	0.46901	490510.00	3624526.00	0.40839
490560.00	3624526.00	0.36336	490610.00	3624526.00	0.31758
490660.00	3624526.00	0.27817	490710.00	3624526.00	0.24435

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAULC ***
INCLUDING SOURCE(S): L0000025 , L0000026 , L0000027 , L0000028 , L0000029 ,
L0000030 , L0000031 , L0000032 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624576.00	0.52866	490010.00	3624576.00	0.56724
490060.00	3624576.00	0.59593	490110.00	3624576.00	0.61264
490160.00	3624576.00	0.61527	490210.00	3624576.00	0.60504
490260.00	3624576.00	0.58214	490310.00	3624576.00	0.54861
490360.00	3624576.00	0.50821	490410.00	3624576.00	0.46349
490460.00	3624576.00	0.41751	490510.00	3624576.00	0.36509
490560.00	3624576.00	0.32469	490610.00	3624576.00	0.29426
490660.00	3624576.00	0.26067	490710.00	3624576.00	0.23119
489960.00	3624626.00	0.43693	490010.00	3624626.00	0.46678
490060.00	3624626.00	0.48960	490110.00	3624626.00	0.50373
490160.00	3624626.00	0.50797	490210.00	3624626.00	0.50250
490260.00	3624626.00	0.48768	490310.00	3624626.00	0.46506
490360.00	3624626.00	0.43672	490410.00	3624626.00	0.40370
490460.00	3624626.00	0.36968	490510.00	3624626.00	0.33450
490560.00	3624626.00	0.29426	490610.00	3624626.00	0.26976
490660.00	3624626.00	0.24354	490710.00	3624626.00	0.21813
489960.00	3624676.00	0.36766	490010.00	3624676.00	0.39104
490060.00	3624676.00	0.40924	490110.00	3624676.00	0.42100
490160.00	3624676.00	0.42575	490210.00	3624676.00	0.42315
490260.00	3624676.00	0.41355	490310.00	3624676.00	0.39801
490360.00	3624676.00	0.37758	490410.00	3624676.00	0.35211
490460.00	3624676.00	0.32149	490510.00	3624676.00	0.29611
490560.00	3624676.00	0.26993	490610.00	3624676.00	0.24169
490660.00	3624676.00	0.22589	490710.00	3624676.00	0.20520
489960.00	3624726.00	0.31402	490010.00	3624726.00	0.33257
490060.00	3624726.00	0.34713	490110.00	3624726.00	0.35701
490160.00	3624726.00	0.36159	490210.00	3624726.00	0.36064
490260.00	3624726.00	0.35435	490310.00	3624726.00	0.34289
490360.00	3624726.00	0.32813	490410.00	3624726.00	0.30933
490460.00	3624726.00	0.29088	490510.00	3624726.00	0.27147
490560.00	3624726.00	0.25055	490610.00	3624726.00	0.22182
490660.00	3624726.00	0.20252	490710.00	3624726.00	0.19197
489960.00	3624776.00	0.27162	490010.00	3624776.00	0.28644
490060.00	3624776.00	0.29824	490110.00	3624776.00	0.30644
490160.00	3624776.00	0.31065	490210.00	3624776.00	0.31069
490260.00	3624776.00	0.30673	490310.00	3624776.00	0.29910
490360.00	3624776.00	0.28830	490410.00	3624776.00	0.27488
490460.00	3624776.00	0.26061	490510.00	3624776.00	0.24490
490560.00	3624776.00	0.22844	490610.00	3624776.00	0.21120
490660.00	3624776.00	0.18728	490710.00	3624776.00	0.17250

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAULC ***
INCLUDING SOURCE(S): L0000025 , L0000026 , L0000027 , L0000028 , L0000029 ,
L0000030 , L0000031 , L0000032 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624826.00	0.23713	490010.00	3624826.00	0.24928
490060.00	3624826.00	0.25899	490110.00	3624826.00	0.26588
490160.00	3624826.00	0.26970	490210.00	3624826.00	0.27034
490260.00	3624826.00	0.26781	490310.00	3624826.00	0.26242
490360.00	3624826.00	0.25458	490410.00	3624826.00	0.24464
490460.00	3624826.00	0.23343	490510.00	3624826.00	0.22116
490560.00	3624826.00	0.20814	490610.00	3624826.00	0.19478
490660.00	3624826.00	0.17945	490710.00	3624826.00	0.16025
489960.00	3624876.00	0.20913	490010.00	3624876.00	0.21901
490060.00	3624876.00	0.22708	490110.00	3624876.00	0.23290
490160.00	3624876.00	0.23629	490210.00	3624876.00	0.23720
490260.00	3624876.00	0.23565	490310.00	3624876.00	0.23180
490360.00	3624876.00	0.22599	490410.00	3624876.00	0.21855
490460.00	3624876.00	0.20987	490510.00	3624876.00	0.20020
490560.00	3624876.00	0.18982	490610.00	3624876.00	0.17901
490660.00	3624876.00	0.16703	490710.00	3624876.00	0.15046
490210.00	3624326.00	2.19994	490220.00	3624326.00	2.15541
490230.00	3624326.00	2.10691	490240.00	3624326.00	2.05470
490250.00	3624326.00	1.99886	490260.00	3624326.00	1.93983
490270.00	3624326.00	1.87833	490280.00	3624326.00	1.81452
490290.00	3624326.00	1.74886	490300.00	3624326.00	1.68180
490310.00	3624326.00	1.61389	490320.00	3624326.00	1.54664
490330.00	3624326.00	1.47970	490340.00	3624326.00	1.41371
490350.00	3624326.00	1.34888	490360.00	3624326.00	1.28656
490370.00	3624326.00	1.22568	490380.00	3624326.00	1.16667
490390.00	3624326.00	1.10991	490400.00	3624326.00	1.05592
490410.00	3624326.00	1.00433	490420.00	3624326.00	0.95489
490430.00	3624326.00	0.90974	490440.00	3624326.00	0.86708
490450.00	3624326.00	0.82657	490460.00	3624326.00	0.78870
490210.00	3624336.00	2.04482	490220.00	3624336.00	2.00524
490230.00	3624336.00	1.96216	490240.00	3624336.00	1.91584
490250.00	3624336.00	1.86636	490260.00	3624336.00	1.81409
490270.00	3624336.00	1.75963	490280.00	3624336.00	1.70304
490290.00	3624336.00	1.64474	490300.00	3624336.00	1.58509
490310.00	3624336.00	1.52458	490320.00	3624336.00	1.46451
490330.00	3624336.00	1.40450	490340.00	3624336.00	1.34506
490350.00	3624336.00	1.28624	490360.00	3624336.00	1.22959
490370.00	3624336.00	1.17418	490380.00	3624336.00	1.12029
490390.00	3624336.00	1.06814	490400.00	3624336.00	1.01813
490410.00	3624336.00	0.97011	490420.00	3624336.00	0.92435

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAULC ***
INCLUDING SOURCE(S): L0000025 , L0000026 , L0000027 , L0000028 , L0000029 ,
L0000030 , L0000031 , L0000032 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490430.00	3624336.00	0.88226	490440.00	3624336.00	0.84201
490450.00	3624336.00	0.80381	490460.00	3624336.00	0.76801
490210.00	3624346.00	1.90674	490220.00	3624346.00	1.87145
490230.00	3624346.00	1.83307	490240.00	3624346.00	1.79181
490250.00	3624346.00	1.74778	490260.00	3624346.00	1.70127
490270.00	3624346.00	1.65282	490280.00	3624346.00	1.60238
490290.00	3624346.00	1.55037	490300.00	3624346.00	1.49711
490310.00	3624346.00	1.44295	490320.00	3624346.00	1.38902
490330.00	3624346.00	1.33497	490340.00	3624346.00	1.28132
490350.00	3624346.00	1.22797	490360.00	3624346.00	1.17632
490370.00	3624346.00	1.12581	490380.00	3624346.00	1.07636
490390.00	3624346.00	1.02835	490400.00	3624346.00	0.98203
490410.00	3624346.00	0.93747	490420.00	3624346.00	0.89527
490430.00	3624346.00	0.85576	490440.00	3624346.00	0.81798
490450.00	3624346.00	0.78210	490460.00	3624346.00	0.74831
490210.00	3624356.00	1.78311	490220.00	3624356.00	1.75148
490230.00	3624356.00	1.71716	490240.00	3624356.00	1.68029
490250.00	3624356.00	1.64099	490260.00	3624356.00	1.59946
490270.00	3624356.00	1.55608	490280.00	3624356.00	1.51092
490290.00	3624356.00	1.46434	490300.00	3624356.00	1.41664
490310.00	3624356.00	1.36812	490320.00	3624356.00	1.31944
490330.00	3624356.00	1.27062	490340.00	3624356.00	1.22199
490350.00	3624356.00	1.17372	490360.00	3624356.00	1.12648
490370.00	3624356.00	1.08024	490380.00	3624356.00	1.03479
490390.00	3624356.00	0.99064	490400.00	3624356.00	0.94793
490410.00	3624356.00	0.90662	490420.00	3624356.00	0.86758
490430.00	3624356.00	0.83034	490440.00	3624356.00	0.79483
490450.00	3624356.00	0.76114	490460.00	3624356.00	0.72920
490210.00	3624366.00	1.67177	490220.00	3624366.00	1.64336
490230.00	3624366.00	1.61259	490240.00	3624366.00	1.57954
490250.00	3624366.00	1.54429	490370.00	3624366.00	1.03726
490380.00	3624366.00	0.99561	490390.00	3624366.00	0.95488
490400.00	3624366.00	0.91537	490410.00	3624366.00	0.87727
490420.00	3624366.00	0.84071	490430.00	3624366.00	0.80572
490440.00	3624366.00	0.77241	490450.00	3624366.00	0.74072
490460.00	3624366.00	0.71051	490210.00	3624376.00	1.57092
490220.00	3624376.00	1.54544	490230.00	3624376.00	1.51780
490240.00	3624376.00	1.48810	490250.00	3624376.00	1.45641
490370.00	3624376.00	0.99679	490380.00	3624376.00	0.95847
490390.00	3624376.00	0.92087	490400.00	3624376.00	0.88426

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAULC ***
INCLUDING SOURCE(S): L0000025 , L0000026 , L0000027 , L0000028 , L0000029 ,
L0000030 , L0000031 , L0000032 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490410.00	3624376.00	0.84878	490420.00	3624376.00	0.81475
490430.00	3624376.00	0.78184	490440.00	3624376.00	0.75042
490450.00	3624376.00	0.72063	490460.00	3624376.00	0.69204
490210.00	3624386.00	1.47934	490220.00	3624386.00	1.45638
490230.00	3624386.00	1.43152	490240.00	3624386.00	1.40481
490250.00	3624386.00	1.37625	490370.00	3624386.00	0.95861
490380.00	3624386.00	0.92337	490390.00	3624386.00	0.88862
490400.00	3624386.00	0.85468	490410.00	3624386.00	0.82165
490420.00	3624386.00	0.79001	490430.00	3624386.00	0.75911
490440.00	3624386.00	0.72899	490450.00	3624386.00	0.70095
490460.00	3624386.00	0.67407	490210.00	3624396.00	1.39573
490220.00	3624396.00	1.37501	490230.00	3624396.00	1.35261
490240.00	3624396.00	1.32856	490250.00	3624396.00	1.30272
490370.00	3624396.00	0.92212	490380.00	3624396.00	0.88985
490390.00	3624396.00	0.85771	490400.00	3624396.00	0.82626
490410.00	3624396.00	0.79570	490420.00	3624396.00	0.76595
490430.00	3624396.00	0.73715	490440.00	3624396.00	0.70865
490450.00	3624396.00	0.68196	490460.00	3624396.00	0.65667
490210.00	3624406.00	1.31913	490220.00	3624406.00	1.30043
490230.00	3624406.00	1.28031	490240.00	3624406.00	1.25886
490250.00	3624406.00	1.23514	490370.00	3624406.00	0.88748
490380.00	3624406.00	0.85790	490390.00	3624406.00	0.82817
490400.00	3624406.00	0.79904	490410.00	3624406.00	0.77055
490420.00	3624406.00	0.74272	490430.00	3624406.00	0.71596
490440.00	3624406.00	0.68949	490450.00	3624406.00	0.66387
490460.00	3624406.00	0.63974	490210.00	3624416.00	1.24872
490220.00	3624416.00	1.23198	490230.00	3624416.00	1.21367
490240.00	3624416.00	1.19418	490250.00	3624416.00	1.17275
490370.00	3624416.00	0.85452	490380.00	3624416.00	0.82721
490390.00	3624416.00	0.79981	490400.00	3624416.00	0.77277
490410.00	3624416.00	0.74620	490420.00	3624416.00	0.72039
490430.00	3624416.00	0.69537	490440.00	3624416.00	0.67090
490450.00	3624416.00	0.64660	490460.00	3624416.00	0.62355
490210.00	3624426.00	1.18397	490220.00	3624426.00	1.16895
490230.00	3624426.00	1.15277	490240.00	3624426.00	1.13468
490250.00	3624426.00	1.11500	490370.00	3624426.00	0.82322
490380.00	3624426.00	0.79792	490390.00	3624426.00	0.77252
490400.00	3624426.00	0.74750	490410.00	3624426.00	0.72286
490420.00	3624426.00	0.69884	490430.00	3624426.00	0.67535
490440.00	3624426.00	0.65256	490450.00	3624426.00	0.63028

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAULC ***
INCLUDING SOURCE(S): L0000025 , L0000026 , L0000027 , L0000028 , L0000029 ,
L0000030 , L0000031 , L0000032 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490460.00	3624426.00	0.60818	490210.00	3624436.00	1.12433
490220.00	3624436.00	1.11076	490230.00	3624436.00	1.09614
490240.00	3624436.00	1.07923	490250.00	3624436.00	1.06142
490370.00	3624436.00	0.79342	490380.00	3624436.00	0.77000
490390.00	3624436.00	0.74645	490400.00	3624436.00	0.72320
490410.00	3624436.00	0.70032	490420.00	3624436.00	0.67798
490430.00	3624436.00	0.65574	490440.00	3624436.00	0.63452
490450.00	3624436.00	0.61393	490460.00	3624436.00	0.59326
490210.00	3624446.00	1.06886	490220.00	3624446.00	1.05647
490230.00	3624446.00	1.04262	490240.00	3624446.00	1.02756
490250.00	3624446.00	1.01163	490370.00	3624446.00	0.76525
490380.00	3624446.00	0.74332	490390.00	3624446.00	0.72152
490400.00	3624446.00	0.69990	490410.00	3624446.00	0.67859
490420.00	3624446.00	0.65767	490430.00	3624446.00	0.63708
490440.00	3624446.00	0.61703	490450.00	3624446.00	0.59758
490460.00	3624446.00	0.57821	490210.00	3624456.00	1.01754
490220.00	3624456.00	1.00637	490230.00	3624456.00	0.99393
490240.00	3624456.00	0.97985	490250.00	3624456.00	0.96527
490370.00	3624456.00	0.73854	490380.00	3624456.00	0.71827
490390.00	3624456.00	0.69787	490400.00	3624456.00	0.67759
490410.00	3624456.00	0.65771	490420.00	3624456.00	0.63825
490430.00	3624456.00	0.61899	490440.00	3624456.00	0.60016
490450.00	3624456.00	0.58166	490460.00	3624456.00	0.56300
490210.00	3624466.00	0.96961	490220.00	3624466.00	0.95934
490230.00	3624466.00	0.94767	490240.00	3624466.00	0.93520
490250.00	3624466.00	0.92197	490370.00	3624466.00	0.71297
490380.00	3624466.00	0.69404	490390.00	3624466.00	0.67457
490400.00	3624466.00	0.65509	490410.00	3624466.00	0.63624
490420.00	3624466.00	0.61807	490430.00	3624466.00	0.60022
490440.00	3624466.00	0.58298	490450.00	3624466.00	0.56525
490460.00	3624466.00	0.54744	490210.00	3624476.00	0.92492
490220.00	3624476.00	0.91535	490230.00	3624476.00	0.90476
490240.00	3624476.00	0.89354	490250.00	3624476.00	0.88148
490370.00	3624476.00	0.68835	490380.00	3624476.00	0.67042
490390.00	3624476.00	0.65224	490400.00	3624476.00	0.63397
490410.00	3624476.00	0.61423	490420.00	3624476.00	0.59616
490430.00	3624476.00	0.57984	490440.00	3624476.00	0.56351
490450.00	3624476.00	0.54740	490460.00	3624476.00	0.53075
490210.00	3624486.00	0.88307	490220.00	3624486.00	0.87432
490230.00	3624486.00	0.86479	490240.00	3624486.00	0.85456

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAULC ***
INCLUDING SOURCE(S): L0000025 , L0000026 , L0000027 , L0000028 , L0000029 ,
L0000030 , L0000031 , L0000032 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490250.00	3624486.00	0.84354	490380.00	3624486.00	0.64867
490390.00	3624486.00	0.63186	490400.00	3624486.00	0.61385
490410.00	3624486.00	0.59038	490420.00	3624486.00	0.57291
490430.00	3624486.00	0.55685	490440.00	3624486.00	0.54157
490450.00	3624486.00	0.52653	490460.00	3624486.00	0.51297
490210.00	3624496.00	0.84372	490220.00	3624496.00	0.83589
490230.00	3624496.00	0.82735	490240.00	3624496.00	0.81802
490250.00	3624496.00	0.80793	490390.00	3624496.00	0.61253
490400.00	3624496.00	0.59617	490410.00	3624496.00	0.57784
490420.00	3624496.00	0.56215	490430.00	3624496.00	0.54622
490440.00	3624496.00	0.52931	490450.00	3624496.00	0.51327
490460.00	3624496.00	0.49738	490210.00	3624506.00	0.80706
490220.00	3624506.00	0.80001	490230.00	3624506.00	0.79223
490240.00	3624506.00	0.78370	490250.00	3624506.00	0.77446
490400.00	3624506.00	0.58001	490410.00	3624506.00	0.56606
490420.00	3624506.00	0.55195	490430.00	3624506.00	0.53647
490440.00	3624506.00	0.52173	490450.00	3624506.00	0.50598
490460.00	3624506.00	0.48915	490210.00	3624516.00	0.77270
490220.00	3624516.00	0.76633	490230.00	3624516.00	0.75923
490240.00	3624516.00	0.75143	490250.00	3624516.00	0.74296
490410.00	3624516.00	0.54989	490420.00	3624516.00	0.53661
490430.00	3624516.00	0.52277	490440.00	3624516.00	0.50923
490450.00	3624516.00	0.49530	490460.00	3624516.00	0.48033
490210.00	3624526.00	0.74046	490220.00	3624526.00	0.73465
490230.00	3624526.00	0.72817	490240.00	3624526.00	0.72104
490250.00	3624526.00	0.71329	490410.00	3624526.00	0.53429
490420.00	3624526.00	0.52191	490430.00	3624526.00	0.50901
490440.00	3624526.00	0.49629	490450.00	3624526.00	0.48328
490460.00	3624526.00	0.46901	490210.00	3624536.00	0.71011
490220.00	3624536.00	0.70483	490230.00	3624536.00	0.69891
490240.00	3624536.00	0.69240	490250.00	3624536.00	0.68529
490410.00	3624536.00	0.51928	490420.00	3624536.00	0.50748
490430.00	3624536.00	0.49545	490440.00	3624536.00	0.48356
490450.00	3624536.00	0.47183	490460.00	3624536.00	0.45897
490210.00	3624546.00	0.68152	490220.00	3624546.00	0.67672
490230.00	3624546.00	0.67133	490240.00	3624546.00	0.66536
490250.00	3624546.00	0.65883	490410.00	3624546.00	0.50470
490420.00	3624546.00	0.49361	490430.00	3624546.00	0.48235
490440.00	3624546.00	0.47122	490450.00	3624546.00	0.46004
490460.00	3624546.00	0.44885	490210.00	3624556.00	0.65456

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAULC ***
INCLUDING SOURCE(S): L0000025 , L0000026 , L0000027 , L0000028 , L0000029 ,
L0000030 , L0000031 , L0000032 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490220.00	3624556.00	0.65019	490230.00	3624556.00	0.64526
490240.00	3624556.00	0.63978	490250.00	3624556.00	0.63379
490410.00	3624556.00	0.49051	490420.00	3624556.00	0.48022
490430.00	3624556.00	0.46974	490440.00	3624556.00	0.45930
490450.00	3624556.00	0.44882	490460.00	3624556.00	0.43822
490210.00	3624566.00	0.62909	490220.00	3624566.00	0.62511
490230.00	3624566.00	0.62059	490240.00	3624566.00	0.61557
490250.00	3624566.00	0.61006	490260.00	3624566.00	0.60410
490270.00	3624566.00	0.59767	490280.00	3624566.00	0.59078
490290.00	3624566.00	0.58349	490300.00	3624566.00	0.57579
490310.00	3624566.00	0.56778	490320.00	3624566.00	0.55939
490330.00	3624566.00	0.55077	490340.00	3624566.00	0.54214
490350.00	3624566.00	0.53326	490360.00	3624566.00	0.52418
490370.00	3624566.00	0.51494	490380.00	3624566.00	0.50568
490390.00	3624566.00	0.49625	490400.00	3624566.00	0.48653
490410.00	3624566.00	0.47676	490420.00	3624566.00	0.46714
490430.00	3624566.00	0.45732	490440.00	3624566.00	0.44752
490450.00	3624566.00	0.43763	490460.00	3624566.00	0.42783
490210.00	3624576.00	0.60504	490220.00	3624576.00	0.60142
490230.00	3624576.00	0.59730	490240.00	3624576.00	0.59271
490250.00	3624576.00	0.58764	490260.00	3624576.00	0.58214
490270.00	3624576.00	0.57623	490280.00	3624576.00	0.56986
490290.00	3624576.00	0.56311	490300.00	3624576.00	0.55604
490310.00	3624576.00	0.54861	490320.00	3624576.00	0.54085
490330.00	3624576.00	0.53285	490340.00	3624576.00	0.52487
490350.00	3624576.00	0.51670	490360.00	3624576.00	0.50821
490370.00	3624576.00	0.49961	490380.00	3624576.00	0.49086
490390.00	3624576.00	0.48191	490400.00	3624576.00	0.47270
490410.00	3624576.00	0.46349	490420.00	3624576.00	0.45445
490430.00	3624576.00	0.44525	490440.00	3624576.00	0.43604
490450.00	3624576.00	0.42673	490460.00	3624576.00	0.41751
490210.00	3624586.00	0.58228	490220.00	3624586.00	0.57898
490230.00	3624586.00	0.57523	490240.00	3624586.00	0.57102
490250.00	3624586.00	0.56637	490260.00	3624586.00	0.56129
490270.00	3624586.00	0.55582	490280.00	3624586.00	0.54991
490290.00	3624586.00	0.54372	490300.00	3624586.00	0.53715
490310.00	3624586.00	0.53033	490320.00	3624586.00	0.52313
490330.00	3624586.00	0.51571	490340.00	3624586.00	0.50829
490350.00	3624586.00	0.50064	490360.00	3624586.00	0.49273
490370.00	3624586.00	0.48467	490380.00	3624586.00	0.47644

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAULC ***
INCLUDING SOURCE(S): L0000025 , L0000026 , L0000027 , L0000028 , L0000029 ,
L0000030 , L0000031 , L0000032 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490390.00	3624586.00	0.46806	490400.00	3624586.00	0.45937
490410.00	3624586.00	0.45069	490420.00	3624586.00	0.44232
490430.00	3624586.00	0.43366	490440.00	3624586.00	0.42494
490450.00	3624586.00	0.41613	490460.00	3624586.00	0.40743
490210.00	3624596.00	0.56071	490220.00	3624596.00	0.55772
490230.00	3624596.00	0.55429	490240.00	3624596.00	0.55042
490250.00	3624596.00	0.54616	490260.00	3624596.00	0.54148
490270.00	3624596.00	0.53642	490280.00	3624596.00	0.53097
490290.00	3624596.00	0.52527	490300.00	3624596.00	0.51918
490310.00	3624596.00	0.51287	490320.00	3624596.00	0.50623
490330.00	3624596.00	0.49932	490340.00	3624596.00	0.49241
490350.00	3624596.00	0.48527	490360.00	3624596.00	0.47788
490370.00	3624596.00	0.47032	490380.00	3624596.00	0.46261
490390.00	3624596.00	0.45473	490400.00	3624596.00	0.44653
490410.00	3624596.00	0.43833	490420.00	3624596.00	0.43028
490430.00	3624596.00	0.42213	490440.00	3624596.00	0.41395
490450.00	3624596.00	0.40573	490460.00	3624596.00	0.39757
490210.00	3624606.00	0.54028	490220.00	3624606.00	0.53756
490230.00	3624606.00	0.53443	490240.00	3624606.00	0.53090
490250.00	3624606.00	0.52696	490260.00	3624606.00	0.52265
490270.00	3624606.00	0.51799	490280.00	3624606.00	0.51296
490290.00	3624606.00	0.50767	490300.00	3624606.00	0.50206
490310.00	3624606.00	0.49620	490320.00	3624606.00	0.49005
490330.00	3624606.00	0.48365	490340.00	3624606.00	0.47716
490350.00	3624606.00	0.47056	490360.00	3624606.00	0.46360
490370.00	3624606.00	0.45657	490380.00	3624606.00	0.44934
490390.00	3624606.00	0.44194	490400.00	3624606.00	0.43417
490410.00	3624606.00	0.42642	490420.00	3624606.00	0.41883
490430.00	3624606.00	0.41116	490440.00	3624606.00	0.40346
490450.00	3624606.00	0.39574	490460.00	3624606.00	0.38802
490210.00	3624616.00	0.52089	490220.00	3624616.00	0.51843
490230.00	3624616.00	0.51557	490240.00	3624616.00	0.51233
490250.00	3624616.00	0.50870	490260.00	3624616.00	0.50474
490270.00	3624616.00	0.50043	490280.00	3624616.00	0.49578
490290.00	3624616.00	0.49089	490300.00	3624616.00	0.48572
490310.00	3624616.00	0.48028	490320.00	3624616.00	0.47456
490330.00	3624616.00	0.46860	490340.00	3624616.00	0.46260
490350.00	3624616.00	0.45638	490360.00	3624616.00	0.44990
490370.00	3624616.00	0.44330	490380.00	3624616.00	0.43650
490390.00	3624616.00	0.42954	490400.00	3624616.00	0.42222

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAULC ***
INCLUDING SOURCE(S): L0000025 , L0000026 , L0000027 , L0000028 , L0000029 ,
L0000030 , L0000031 , L0000032 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490410.00	3624616.00	0.41489	490420.00	3624616.00	0.40788
490430.00	3624616.00	0.40069	490440.00	3624616.00	0.39345
490450.00	3624616.00	0.38611	490460.00	3624616.00	0.37876
490307.00	3624461.00	0.84941	490317.00	3624461.00	0.83085
490307.00	3624471.00	0.81532	490317.00	3624471.00	0.79825
490307.00	3624481.00	0.78318	490317.00	3624481.00	0.76745
490307.00	3624491.00	0.75281	490317.00	3624491.00	0.73830
490307.00	3624501.00	0.72409	490317.00	3624501.00	0.71067
490307.00	3624511.00	0.69684	490317.00	3624511.00	0.68448
490307.00	3624521.00	0.67103	490317.00	3624521.00	0.65952
490276.00	3624433.00	1.02555	490286.00	3624433.00	1.00412
490296.00	3624433.00	0.98188	490276.00	3624443.00	0.97925
490286.00	3624443.00	0.95966	490296.00	3624443.00	0.93932
490276.00	3624453.00	0.93598	490286.00	3624453.00	0.91803
490296.00	3624453.00	0.89939	490276.00	3624463.00	0.89547
490286.00	3624463.00	0.87904	490296.00	3624463.00	0.86191
490276.00	3624473.00	0.85749	490286.00	3624473.00	0.84243
490296.00	3624473.00	0.82666	490276.00	3624481.00	0.82878
490286.00	3624481.00	0.81473	490296.00	3624481.00	0.79998
490276.00	3624491.00	0.79480	490286.00	3624491.00	0.78188
490296.00	3624491.00	0.76832	490276.00	3624501.00	0.76281
490286.00	3624501.00	0.75088	490296.00	3624501.00	0.73838
490276.00	3624511.00	0.73265	490286.00	3624511.00	0.72164
490296.00	3624511.00	0.71006	490276.00	3624521.00	0.70416
490286.00	3624521.00	0.69400	490296.00	3624521.00	0.68326
490279.00	3624525.00	0.69031	490289.00	3624525.00	0.68028
490299.00	3624525.00	0.66973	490309.00	3624525.00	0.65889
490319.00	3624525.00	0.64755	490279.00	3624535.00	0.66419
490289.00	3624535.00	0.65490	490299.00	3624535.00	0.64513
490309.00	3624535.00	0.63501	490319.00	3624535.00	0.62445
490279.00	3624545.00	0.63939	490289.00	3624545.00	0.63080
490299.00	3624545.00	0.62178	490309.00	3624545.00	0.61240
490319.00	3624545.00	0.60264	490298.00	3624431.00	0.98608
490298.00	3624441.00	0.94338	490308.00	3624441.00	0.92189
490318.00	3624441.00	0.89988	490298.00	3624451.00	0.90330
490308.00	3624451.00	0.88360	490318.00	3624451.00	0.86333

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: MOD ***
INCLUDING SOURCE(S): L0000481 , L0000482 , L0000483 , L0000484 , L0000485 ,
L0000486 , L0000487 , L0000488 , L0000489 , L0000490 , L0000491 , L0000492 , L0000493 ,
L0000494 , L0000495 , L0000496 , L0000497 , L0000498 , L0000499 , L0000500 , L0000501 ,
L0000502 , L0000503 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624026.00	0.22730	490010.00	3624026.00	0.25052
490060.00	3624026.00	0.27479	490110.00	3624026.00	0.29937
490160.00	3624026.00	0.32328	490210.00	3624026.00	0.34585
490260.00	3624026.00	0.36793	490310.00	3624026.00	0.38929
490360.00	3624026.00	0.41365	490410.00	3624026.00	0.43969
490460.00	3624026.00	0.47008	490510.00	3624026.00	0.49822
490560.00	3624026.00	0.52164	490610.00	3624026.00	0.53646
490660.00	3624026.00	0.54047	490710.00	3624026.00	0.53380
489960.00	3624076.00	0.25986	490010.00	3624076.00	0.29092
490060.00	3624076.00	0.32416	490110.00	3624076.00	0.35881
490160.00	3624076.00	0.39309	490210.00	3624076.00	0.42589
490260.00	3624076.00	0.45783	490310.00	3624076.00	0.48938
490360.00	3624076.00	0.52564	490410.00	3624076.00	0.56567
490460.00	3624076.00	0.60888	490510.00	3624076.00	0.64502
490560.00	3624076.00	0.66976	490610.00	3624076.00	0.67818
490660.00	3624076.00	0.66924	490710.00	3624076.00	0.64597
489960.00	3624126.00	0.29836	490010.00	3624126.00	0.34001
490060.00	3624126.00	0.38695	490110.00	3624126.00	0.43738
490160.00	3624126.00	0.48879	490210.00	3624126.00	0.53839
490260.00	3624126.00	0.58742	490310.00	3624126.00	0.63676
490360.00	3624126.00	0.69326	490410.00	3624126.00	0.75655
490460.00	3624126.00	0.81749	490510.00	3624126.00	0.85887
490560.00	3624126.00	0.87508	490610.00	3624126.00	0.86321
490660.00	3624126.00	0.82749	490710.00	3624126.00	0.77537
489960.00	3624176.00	0.34354	490010.00	3624176.00	0.40015
490060.00	3624176.00	0.46755	490110.00	3624176.00	0.54363
490160.00	3624176.00	0.62472	490210.00	3624176.00	0.70553
490260.00	3624176.00	0.78428	490310.00	3624176.00	0.86372
490360.00	3624176.00	0.95992	490410.00	3624176.00	1.06290
490460.00	3624176.00	1.14220	490510.00	3624176.00	1.17408
490560.00	3624176.00	1.15533	490610.00	3624176.00	1.09676
490660.00	3624176.00	1.01198	490710.00	3624176.00	0.91508
489960.00	3624226.00	0.39539	490010.00	3624226.00	0.47312
490060.00	3624226.00	0.57135	490110.00	3624226.00	0.69018
490160.00	3624226.00	0.82514	490210.00	3624226.00	0.96740
490260.00	3624226.00	1.10764	490310.00	3624226.00	1.25394
490360.00	3624226.00	1.42974	490410.00	3624226.00	1.58822
490460.00	3624226.00	1.65450	490510.00	3624226.00	1.62808
490560.00	3624226.00	1.51993	490610.00	3624226.00	1.37143
490660.00	3624226.00	1.20848	490710.00	3624226.00	1.05047

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: MOD ***
INCLUDING SOURCE(S): L0000481 , L0000482 , L0000483 , L0000484 , L0000485 ,
L0000486 , L0000487 , L0000488 , L0000489 , L0000490 , L0000491 , L0000492 , L0000493 ,
L0000494 , L0000495 , L0000496 , L0000497 , L0000498 , L0000499 , L0000500 , L0000501 ,
L0000502 , L0000503 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624276.00	0.45275	490010.00	3624276.00	0.55866
490060.00	3624276.00	0.70347	490110.00	3624276.00	0.89347
490160.00	3624276.00	1.13266	490210.00	3624276.00	1.41121
490260.00	3624276.00	1.69632	490310.00	3624276.00	2.00655
490360.00	3624276.00	2.34448	490410.00	3624276.00	2.51900
490460.00	3624276.00	2.45557	490510.00	3624276.00	2.23961
490560.00	3624276.00	1.95050	490610.00	3624276.00	1.65670
490660.00	3624276.00	1.38863	490710.00	3624276.00	1.16015
489960.00	3624326.00	0.50996	490010.00	3624326.00	0.65139
490060.00	3624326.00	0.86276	490110.00	3624326.00	1.16995
490160.00	3624326.00	1.61820	490210.00	3624326.00	2.24499
490260.00	3624326.00	2.96506	490310.00	3624326.00	3.75491
490360.00	3624326.00	4.36246	490410.00	3624326.00	4.19362
490460.00	3624326.00	3.61215	490510.00	3624326.00	2.96789
490560.00	3624326.00	2.37703	490610.00	3624326.00	1.89406
490660.00	3624326.00	1.51374	490710.00	3624326.00	1.22079
489960.00	3624376.00	0.56483	490010.00	3624376.00	0.74885
490060.00	3624376.00	1.03933	490110.00	3624376.00	1.51921
490160.00	3624376.00	2.37235	490410.00	3624376.00	6.83923
490460.00	3624376.00	4.96830	490510.00	3624376.00	3.62571
490560.00	3624376.00	2.67534	490610.00	3624376.00	2.01515
490660.00	3624376.00	1.54985	490710.00	3624376.00	1.21623
489960.00	3624426.00	0.60586	490010.00	3624426.00	0.82264
490060.00	3624426.00	1.18481	490110.00	3624426.00	1.85635
490160.00	3624426.00	3.22701	490410.00	3624426.00	9.64864
490460.00	3624426.00	5.94045	490510.00	3624426.00	3.87560
490560.00	3624426.00	2.73164	490610.00	3624426.00	1.97592
490660.00	3624426.00	1.48351	490710.00	3624426.00	1.14694
489960.00	3624476.00	0.62689	490010.00	3624476.00	0.86204
490060.00	3624476.00	1.25866	490110.00	3624476.00	2.04451
490160.00	3624476.00	3.71259	490410.00	3624476.00	10.33034
490460.00	3624476.00	5.76994	490510.00	3624476.00	3.62285
490560.00	3624476.00	2.51556	490610.00	3624476.00	1.79216
490660.00	3624476.00	1.33849	490710.00	3624476.00	1.03313
489960.00	3624526.00	0.62172	490010.00	3624526.00	0.84472
490060.00	3624526.00	1.23391	490110.00	3624526.00	1.96433
490160.00	3624526.00	3.57862	490410.00	3624526.00	9.36357
490460.00	3624526.00	4.87587	490510.00	3624526.00	2.98056
490560.00	3624526.00	2.13609	490610.00	3624526.00	1.54056
490660.00	3624526.00	1.16204	490710.00	3624526.00	0.90540

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: MOD ***
INCLUDING SOURCE(S): L0000481 , L0000482 , L0000483 , L0000484 , L0000485 ,
L0000486 , L0000487 , L0000488 , L0000489 , L0000490 , L0000491 , L0000492 , L0000493 ,
L0000494 , L0000495 , L0000496 , L0000497 , L0000498 , L0000499 , L0000500 , L0000501 ,
L0000502 , L0000503 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624576.00	0.58920	490010.00	3624576.00	0.78969
490060.00	3624576.00	1.11368	490110.00	3624576.00	1.69726
490160.00	3624576.00	2.95445	490210.00	3624576.00	6.08463
490260.00	3624576.00	15.40523	490310.00	3624576.00	23.36471
490360.00	3624576.00	12.28530	490410.00	3624576.00	6.41243
490460.00	3624576.00	3.81999	490510.00	3624576.00	2.33653
490560.00	3624576.00	1.66261	490610.00	3624576.00	1.30483
490660.00	3624576.00	1.00051	490710.00	3624576.00	0.79022
489960.00	3624626.00	0.54388	490010.00	3624626.00	0.71024
490060.00	3624626.00	0.96220	490110.00	3624626.00	1.39304
490160.00	3624626.00	2.19616	490210.00	3624626.00	3.65121
490260.00	3624626.00	5.98820	490310.00	3624626.00	7.49924
490360.00	3624626.00	6.25032	490410.00	3624626.00	4.23456
490460.00	3624626.00	2.88197	490510.00	3624626.00	2.00321
490560.00	3624626.00	1.37167	490610.00	3624626.00	1.09882
490660.00	3624626.00	0.87452	490710.00	3624626.00	0.69981
489960.00	3624676.00	0.49051	490010.00	3624676.00	0.62310
490060.00	3624676.00	0.81898	490110.00	3624676.00	1.12384
490160.00	3624676.00	1.59987	490210.00	3624676.00	2.32176
490260.00	3624676.00	3.19500	490310.00	3624676.00	3.76566
490360.00	3624676.00	3.57525	490410.00	3624676.00	2.83817
490460.00	3624676.00	2.05559	490510.00	3624676.00	1.56613
490560.00	3624676.00	1.19432	490610.00	3624676.00	0.90363
490660.00	3624676.00	0.77112	490710.00	3624676.00	0.63162
489960.00	3624726.00	0.43657	490010.00	3624726.00	0.54205
490060.00	3624726.00	0.68774	490110.00	3624726.00	0.89625
490160.00	3624726.00	1.19395	490210.00	3624726.00	1.58860
490260.00	3624726.00	1.99943	490310.00	3624726.00	2.25947
490360.00	3624726.00	2.25873	490410.00	3624726.00	1.98583
490460.00	3624726.00	1.66754	490510.00	3624726.00	1.35618
490560.00	3624726.00	1.07860	490610.00	3624726.00	0.79650
490660.00	3624726.00	0.64590	490710.00	3624726.00	0.57351
489960.00	3624776.00	0.38739	490010.00	3624776.00	0.46965
490060.00	3624776.00	0.57887	490110.00	3624776.00	0.72688
490160.00	3624776.00	0.92014	490210.00	3624776.00	1.15070
490260.00	3624776.00	1.37777	490310.00	3624776.00	1.53617
490360.00	3624776.00	1.56735	490410.00	3624776.00	1.46714
490460.00	3624776.00	1.30309	490510.00	3624776.00	1.10885
490560.00	3624776.00	0.92338	490610.00	3624776.00	0.75794
490660.00	3624776.00	0.58072	490710.00	3624776.00	0.48718

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: MOD ***
INCLUDING SOURCE(S): L0000481 , L0000482 , L0000483 , L0000484 , L0000485 ,
L0000486 , L0000487 , L0000488 , L0000489 , L0000490 , L0000491 , L0000492 , L0000493 ,
L0000494 , L0000495 , L0000496 , L0000497 , L0000498 , L0000499 , L0000500 , L0000501 ,
L0000502 , L0000503 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624826.00	0.33878	490010.00	3624826.00	0.40380
490060.00	3624826.00	0.48674	490110.00	3624826.00	0.59063
490160.00	3624826.00	0.72471	490210.00	3624826.00	0.87045
490260.00	3624826.00	1.01002	490310.00	3624826.00	1.10891
490360.00	3624826.00	1.14309	490410.00	3624826.00	1.10591
490460.00	3624826.00	1.01896	490510.00	3624826.00	0.90454
490560.00	3624826.00	0.78337	490610.00	3624826.00	0.66937
490660.00	3624826.00	0.55596	490710.00	3624826.00	0.44257
489960.00	3624876.00	0.30019	490010.00	3624876.00	0.34960
490060.00	3624876.00	0.41381	490110.00	3624876.00	0.49300
490160.00	3624876.00	0.58491	490210.00	3624876.00	0.68284
490260.00	3624876.00	0.77359	490310.00	3624876.00	0.83927
490360.00	3624876.00	0.86783	490410.00	3624876.00	0.85605
490460.00	3624876.00	0.81039	490510.00	3624876.00	0.74203
490560.00	3624876.00	0.66300	490610.00	3624876.00	0.58291
490660.00	3624876.00	0.50146	490710.00	3624876.00	0.40774
490210.00	3624326.00	2.24499	490220.00	3624326.00	2.37938
490230.00	3624326.00	2.51918	490240.00	3624326.00	2.66358
490250.00	3624326.00	2.81676	490260.00	3624326.00	2.96506
490270.00	3624326.00	3.11100	490280.00	3624326.00	3.26095
490290.00	3624326.00	3.41909	490300.00	3624326.00	3.58618
490310.00	3624326.00	3.75491	490320.00	3624326.00	3.91890
490330.00	3624326.00	4.06977	490340.00	3624326.00	4.19799
490350.00	3624326.00	4.29528	490360.00	3624326.00	4.36246
490370.00	3624326.00	4.39218	490380.00	3624326.00	4.38421
490390.00	3624326.00	4.34360	490400.00	3624326.00	4.27997
490410.00	3624326.00	4.19362	490420.00	3624326.00	4.08666
490430.00	3624326.00	3.98121	490440.00	3624326.00	3.86542
490450.00	3624326.00	3.73994	490460.00	3624326.00	3.61215
490210.00	3624336.00	2.49500	490220.00	3624336.00	2.66011
490230.00	3624336.00	2.83176	490240.00	3624336.00	3.01278
490250.00	3624336.00	3.20904	490260.00	3624336.00	3.39524
490270.00	3624336.00	3.57816	490280.00	3624336.00	3.76703
490290.00	3624336.00	3.96685	490300.00	3624336.00	4.17570
490310.00	3624336.00	4.38293	490320.00	3624336.00	4.57945
490330.00	3624336.00	4.75102	490340.00	3624336.00	4.88521
490350.00	3624336.00	4.97213	490360.00	3624336.00	5.01845
490370.00	3624336.00	5.01751	490380.00	3624336.00	4.97236
490390.00	3624336.00	4.88914	490400.00	3624336.00	4.77956
490410.00	3624336.00	4.64707	490420.00	3624336.00	4.49969

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: MOD ***
INCLUDING SOURCE(S): L0000481 , L0000482 , L0000483 , L0000484 , L0000485 ,
L0000486 , L0000487 , L0000488 , L0000489 , L0000490 , L0000491 , L0000492 , L0000493 ,
L0000494 , L0000495 , L0000496 , L0000497 , L0000498 , L0000499 , L0000500 , L0000501 ,
L0000502 , L0000503 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490430.00	3624336.00	4.35608	490440.00	3624336.00	4.20090
490450.00	3624336.00	4.04019	490460.00	3624336.00	3.88034
490210.00	3624346.00	2.78613	490220.00	3624346.00	2.99533
490230.00	3624346.00	3.21675	490240.00	3624346.00	3.44728
490250.00	3624346.00	3.69172	490260.00	3624346.00	3.93077
490270.00	3624346.00	4.16541	490280.00	3624346.00	4.40932
490290.00	3624346.00	4.66536	490300.00	3624346.00	4.92921
490310.00	3624346.00	5.18512	490320.00	3624346.00	5.41851
490330.00	3624346.00	5.60596	490340.00	3624346.00	5.73424
490350.00	3624346.00	5.79326	490360.00	3624346.00	5.79847
490370.00	3624346.00	5.74703	490380.00	3624346.00	5.64344
490390.00	3624346.00	5.50011	490400.00	3624346.00	5.33000
490410.00	3624346.00	5.14057	490420.00	3624346.00	4.94545
490430.00	3624346.00	4.75230	490440.00	3624346.00	4.55290
490450.00	3624346.00	4.35284	490460.00	3624346.00	4.15714
490210.00	3624356.00	3.12303	490220.00	3624356.00	3.39476
490230.00	3624356.00	3.68322	490240.00	3624356.00	3.98435
490250.00	3624356.00	4.29593	490260.00	3624356.00	4.60985
490270.00	3624356.00	4.92258	490280.00	3624356.00	5.24446
490290.00	3624356.00	5.57642	490300.00	3624356.00	5.91409
490310.00	3624356.00	6.23166	490320.00	3624356.00	6.50075
490330.00	3624356.00	6.68976	490340.00	3624356.00	6.78642
490350.00	3624356.00	6.79142	490360.00	3624356.00	6.72315
490370.00	3624356.00	6.59150	490380.00	3624356.00	6.40366
490390.00	3624356.00	6.18094	490400.00	3624356.00	5.93633
490410.00	3624356.00	5.67681	490420.00	3624356.00	5.42198
490430.00	3624356.00	5.16763	490440.00	3624356.00	4.91633
490450.00	3624356.00	4.67176	490460.00	3624356.00	4.43559
490210.00	3624366.00	3.51217	490220.00	3624366.00	3.86353
490230.00	3624366.00	4.24256	490240.00	3624366.00	4.64478
490250.00	3624366.00	5.06488	490370.00	3624366.00	7.55903
490380.00	3624366.00	7.25957	490390.00	3624366.00	6.93044
490400.00	3624366.00	6.58993	490410.00	3624366.00	6.24966
490420.00	3624366.00	5.91613	490430.00	3624366.00	5.59308
490440.00	3624366.00	5.28418	490450.00	3624366.00	4.98982
490460.00	3624366.00	4.70896	490210.00	3624376.00	3.96957
490220.00	3624376.00	4.41824	490230.00	3624376.00	4.91994
490240.00	3624376.00	5.46735	490250.00	3624376.00	6.05645
490370.00	3624376.00	8.65605	490380.00	3624376.00	8.20479
490390.00	3624376.00	7.74028	490400.00	3624376.00	7.28250

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: MOD ***
INCLUDING SOURCE(S): L0000481 , L0000482 , L0000483 , L0000484 , L0000485 ,
L0000486 , L0000487 , L0000488 , L0000489 , L0000490 , L0000491 , L0000492 , L0000493 ,
L0000494 , L0000495 , L0000496 , L0000497 , L0000498 , L0000499 , L0000500 , L0000501 ,
L0000502 , L0000503 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490410.00	3624376.00	6.83923	490420.00	3624376.00	6.42043
490430.00	3624376.00	6.01918	490440.00	3624376.00	5.64402
490450.00	3624376.00	5.29649	490460.00	3624376.00	4.96830
490210.00	3624386.00	4.47976	490220.00	3624386.00	5.03460
490230.00	3624386.00	5.70074	490240.00	3624386.00	6.45921
490250.00	3624386.00	7.32348	490370.00	3624386.00	9.87605
490380.00	3624386.00	9.23352	490390.00	3624386.00	8.60389
490400.00	3624386.00	8.00659	490410.00	3624386.00	7.44591
490420.00	3624386.00	6.93325	490430.00	3624386.00	6.44708
490440.00	3624386.00	5.98887	490450.00	3624386.00	5.58530
490460.00	3624386.00	5.21138	490210.00	3624396.00	5.05657
490220.00	3624396.00	5.78519	490230.00	3624396.00	6.67077
490240.00	3624396.00	7.72441	490250.00	3624396.00	9.02974
490370.00	3624396.00	11.17236	490380.00	3624396.00	10.31078
490390.00	3624396.00	9.48873	490400.00	3624396.00	8.73675
490410.00	3624396.00	8.05428	490420.00	3624396.00	7.42930
490430.00	3624396.00	6.85982	490440.00	3624396.00	6.32271
490450.00	3624396.00	5.85402	490460.00	3624396.00	5.43377
490210.00	3624406.00	5.68836	490220.00	3624406.00	6.62336
490230.00	3624406.00	7.81364	490240.00	3624406.00	9.25051
490250.00	3624406.00	11.31337	490370.00	3624406.00	12.51361
490380.00	3624406.00	11.40649	490390.00	3624406.00	10.37306
490400.00	3624406.00	9.45514	490410.00	3624406.00	8.63519
490420.00	3624406.00	7.89863	490430.00	3624406.00	7.24748
490440.00	3624406.00	6.64460	490450.00	3624406.00	6.10237
490460.00	3624406.00	5.62846	490210.00	3624416.00	6.35119
490220.00	3624416.00	7.53391	490230.00	3624416.00	9.15048
490240.00	3624416.00	11.20532	490250.00	3624416.00	14.31509
490370.00	3624416.00	13.84044	490380.00	3624416.00	12.45846
490390.00	3624416.00	11.21652	490400.00	3624416.00	10.12765
490410.00	3624416.00	9.16899	490420.00	3624416.00	8.33142
490430.00	3624416.00	7.59402	490440.00	3624416.00	6.93235
490450.00	3624416.00	6.32511	490460.00	3624416.00	5.79724
490210.00	3624426.00	6.98885	490220.00	3624426.00	8.43032
490230.00	3624426.00	10.37834	490240.00	3624426.00	13.30039
490250.00	3624426.00	18.02681	490370.00	3624426.00	15.10153
490380.00	3624426.00	13.43647	490390.00	3624426.00	11.98039
490400.00	3624426.00	10.73273	490410.00	3624426.00	9.64864
490420.00	3624426.00	8.71125	490430.00	3624426.00	7.88753
490440.00	3624426.00	7.16601	490450.00	3624426.00	6.52406

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: MOD ***
INCLUDING SOURCE(S): L0000481 , L0000482 , L0000483 , L0000484 , L0000485 ,
L0000486 , L0000487 , L0000488 , L0000489 , L0000490 , L0000491 , L0000492 , L0000493 ,
L0000494 , L0000495 , L0000496 , L0000497 , L0000498 , L0000499 , L0000500 , L0000501 ,
L0000502 , L0000503 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490460.00	3624426.00	5.94045	490210.00	3624436.00	7.58415
490220.00	3624436.00	9.32093	490230.00	3624436.00	11.71720
490240.00	3624436.00	15.59504	490250.00	3624436.00	22.04081
490370.00	3624436.00	16.23430	490380.00	3624436.00	14.30872
490390.00	3624436.00	12.65228	490400.00	3624436.00	11.24975
490410.00	3624436.00	10.04997	490420.00	3624436.00	9.02200
490430.00	3624436.00	8.10988	490440.00	3624436.00	7.33783
490450.00	3624436.00	6.66300	490460.00	3624436.00	6.04636
490210.00	3624446.00	8.18850	490220.00	3624446.00	10.20892
490230.00	3624446.00	13.20619	490240.00	3624446.00	17.98174
490250.00	3624446.00	25.73266	490370.00	3624446.00	17.23554
490380.00	3624446.00	15.03948	490390.00	3624446.00	13.21088
490400.00	3624446.00	11.66896	490410.00	3624446.00	10.36092
490420.00	3624446.00	9.24535	490430.00	3624446.00	8.28103
490440.00	3624446.00	7.45125	490450.00	3624446.00	6.73430
490460.00	3624446.00	6.09214	490210.00	3624456.00	8.67230
490220.00	3624456.00	10.88555	490230.00	3624456.00	14.11309
490240.00	3624456.00	19.57593	490250.00	3624456.00	28.49718
490370.00	3624456.00	18.08738	490380.00	3624456.00	15.68616
490390.00	3624456.00	13.66863	490400.00	3624456.00	11.98130
490410.00	3624456.00	10.57824	490420.00	3624456.00	9.39695
490430.00	3624456.00	8.37828	490440.00	3624456.00	7.50646
490450.00	3624456.00	6.74973	490460.00	3624456.00	6.07142
490210.00	3624466.00	9.07596	490220.00	3624466.00	11.48101
490230.00	3624466.00	15.14733	490240.00	3624466.00	21.02588
490250.00	3624466.00	30.51851	490370.00	3624466.00	18.73630
490380.00	3624466.00	16.12803	490390.00	3624466.00	13.89985
490400.00	3624466.00	12.05739	490410.00	3624466.00	10.56988
490420.00	3624466.00	9.35351	490430.00	3624466.00	8.32079
490440.00	3624466.00	7.45346	490450.00	3624466.00	6.66734
490460.00	3624466.00	5.97394	490210.00	3624476.00	9.35117
490220.00	3624476.00	11.93818	490230.00	3624476.00	15.98523
490240.00	3624476.00	22.07652	490250.00	3624476.00	31.78656
490370.00	3624476.00	19.15075	490380.00	3624476.00	16.31904
490390.00	3624476.00	13.97963	490400.00	3624476.00	12.05231
490410.00	3624476.00	10.33034	490420.00	3624476.00	9.03728
490430.00	3624476.00	8.04605	490440.00	3624476.00	7.18441
490450.00	3624476.00	6.44241	490460.00	3624476.00	5.76994
490210.00	3624486.00	9.51426	490220.00	3624486.00	12.20638
490230.00	3624486.00	16.30672	490240.00	3624486.00	22.67990

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: MOD ***
INCLUDING SOURCE(S): L0000481 , L0000482 , L0000483 , L0000484 , L0000485 ,
L0000486 , L0000487 , L0000488 , L0000489 , L0000490 , L0000491 , L0000492 , L0000493 ,
L0000494 , L0000495 , L0000496 , L0000497 , L0000498 , L0000499 , L0000500 , L0000501 ,
L0000502 , L0000503 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490250.00	3624486.00	32.46185	490380.00	3624486.00	16.49552
490390.00	3624486.00	14.05396	490400.00	3624486.00	11.92932
490410.00	3624486.00	9.77725	490420.00	3624486.00	8.51271
490430.00	3624486.00	7.52581	490440.00	3624486.00	6.71635
490450.00	3624486.00	6.02354	490460.00	3624486.00	5.47074
490210.00	3624496.00	9.61769	490220.00	3624496.00	12.44629
490230.00	3624496.00	16.47239	490240.00	3624496.00	22.88436
490250.00	3624496.00	32.62006	490390.00	3624496.00	14.00249
490400.00	3624496.00	11.87419	490410.00	3624496.00	9.98319
490420.00	3624496.00	8.69021	490430.00	3624496.00	7.59789
490440.00	3624496.00	6.63315	490450.00	3624496.00	5.86112
490460.00	3624496.00	5.20734	490210.00	3624506.00	9.56243
490220.00	3624506.00	12.37004	490230.00	3624506.00	16.48485
490240.00	3624506.00	22.59807	490250.00	3624506.00	32.32299
490400.00	3624506.00	11.80870	490410.00	3624506.00	10.21782
490420.00	3624506.00	8.89587	490430.00	3624506.00	7.69509
490440.00	3624506.00	6.75453	490450.00	3624506.00	5.91387
490460.00	3624506.00	5.16808	490210.00	3624516.00	9.37620
490220.00	3624516.00	12.11668	490230.00	3624516.00	15.92367
490240.00	3624516.00	21.82475	490250.00	3624516.00	31.26393
490410.00	3624516.00	9.83795	490420.00	3624516.00	8.55215
490430.00	3624516.00	7.44916	490440.00	3624516.00	6.55559
490450.00	3624516.00	5.78386	490460.00	3624516.00	5.08644
490210.00	3624526.00	9.03434	490220.00	3624526.00	11.59114
490230.00	3624526.00	15.17785	490240.00	3624526.00	20.57131
490250.00	3624526.00	29.32750	490410.00	3624526.00	9.36357
490420.00	3624526.00	8.15383	490430.00	3624526.00	7.11775
490440.00	3624526.00	6.27189	490450.00	3624526.00	5.54533
490460.00	3624526.00	4.87587	490210.00	3624536.00	8.55491
490220.00	3624536.00	10.79673	490230.00	3624536.00	14.07402
490240.00	3624536.00	18.74374	490250.00	3624536.00	26.42329
490410.00	3624536.00	8.82054	490420.00	3624536.00	7.68406
490430.00	3624536.00	6.73286	490440.00	3624536.00	5.95321
490450.00	3624536.00	5.30439	490460.00	3624536.00	4.69828
490210.00	3624546.00	7.99700	490220.00	3624546.00	9.90945
490230.00	3624546.00	12.65719	490240.00	3624546.00	16.61390
490250.00	3624546.00	22.77902	490410.00	3624546.00	8.22251
490420.00	3624546.00	7.19481	490430.00	3624546.00	6.33434
490440.00	3624546.00	5.62361	490450.00	3624546.00	5.01918
490460.00	3624546.00	4.50137	490210.00	3624556.00	7.35448

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: MOD ***
INCLUDING SOURCE(S): L0000481 , L0000482 , L0000483 , L0000484 , L0000485 ,
L0000486 , L0000487 , L0000488 , L0000489 , L0000490 , L0000491 , L0000492 , L0000493 ,
L0000494 , L0000495 , L0000496 , L0000497 , L0000498 , L0000499 , L0000500 , L0000501 ,
L0000502 , L0000503 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490220.00	3624556.00	9.03236	490230.00	3624556.00	11.30127
490240.00	3624556.00	14.46873	490250.00	3624556.00	19.00373
490410.00	3624556.00	7.59869	490420.00	3624556.00	6.70241
490430.00	3624556.00	5.93843	490440.00	3624556.00	5.29750
490450.00	3624556.00	4.74821	490460.00	3624556.00	4.27059
490210.00	3624566.00	6.75818	490220.00	3624566.00	8.16454
490230.00	3624566.00	9.99702	490240.00	3624566.00	12.41030
490250.00	3624566.00	15.60699	490260.00	3624566.00	19.77453
490270.00	3624566.00	24.85812	490280.00	3624566.00	30.04872
490290.00	3624566.00	33.76677	490300.00	3624566.00	34.88738
490310.00	3624566.00	33.18142	490320.00	3624566.00	29.13439
490330.00	3624566.00	24.37226	490340.00	3624566.00	20.26638
490350.00	3624566.00	16.90049	490360.00	3624566.00	14.23232
490370.00	3624566.00	12.12086	490380.00	3624566.00	10.45497
490390.00	3624566.00	9.08888	490400.00	3624566.00	7.93733
490410.00	3624566.00	6.98640	490420.00	3624566.00	6.20901
490430.00	3624566.00	5.53705	490440.00	3624566.00	4.96597
490450.00	3624566.00	4.47021	490460.00	3624566.00	4.04473
490210.00	3624576.00	6.08463	490220.00	3624576.00	7.21429
490230.00	3624576.00	8.67499	490240.00	3624576.00	10.45872
490250.00	3624576.00	12.72020	490260.00	3624576.00	15.40523
490270.00	3624576.00	18.37418	490280.00	3624576.00	21.25589
490290.00	3624576.00	23.31089	490300.00	3624576.00	24.09068
490310.00	3624576.00	23.36471	490320.00	3624576.00	21.40846
490330.00	3624576.00	18.87612	490340.00	3624576.00	16.44077
490350.00	3624576.00	14.22647	490360.00	3624576.00	12.28530
490370.00	3624576.00	10.68002	490380.00	3624576.00	9.33521
490390.00	3624576.00	8.20003	490400.00	3624576.00	7.22553
490410.00	3624576.00	6.41243	490420.00	3624576.00	5.74034
490430.00	3624576.00	5.15371	490440.00	3624576.00	4.64762
490450.00	3624576.00	4.20358	490460.00	3624576.00	3.81999
490210.00	3624586.00	5.47614	490220.00	3624586.00	6.41988
490230.00	3624586.00	7.53522	490240.00	3624586.00	8.88124
490250.00	3624586.00	10.46794	490260.00	3624586.00	12.28306
490270.00	3624586.00	14.15843	490280.00	3624586.00	15.89115
490290.00	3624586.00	17.13567	490300.00	3624586.00	17.67286
490310.00	3624586.00	17.42054	490320.00	3624586.00	16.42277
490330.00	3624586.00	14.99535	490340.00	3624586.00	13.49600
490350.00	3624586.00	11.99786	490360.00	3624586.00	10.60499
490370.00	3624586.00	9.38269	490380.00	3624586.00	8.31685

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: MOD ***
INCLUDING SOURCE(S): L0000481 , L0000482 , L0000483 , L0000484 , L0000485 ,
L0000486 , L0000487 , L0000488 , L0000489 , L0000490 , L0000491 , L0000492 , L0000493 ,
L0000494 , L0000495 , L0000496 , L0000497 , L0000498 , L0000499 , L0000500 , L0000501 ,
L0000502 , L0000503 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490390.00	3624586.00	7.39541	490400.00	3624586.00	6.57873
490410.00	3624586.00	5.88693	490420.00	3624586.00	5.31694
490430.00	3624586.00	4.80284	490440.00	3624586.00	4.35165
490450.00	3624586.00	3.95223	490460.00	3624586.00	3.60621
490210.00	3624596.00	4.95391	490220.00	3624596.00	5.71049
490230.00	3624596.00	6.58604	490240.00	3624596.00	7.60988
490250.00	3624596.00	8.74856	490260.00	3624596.00	10.00281
490270.00	3624596.00	11.25298	490280.00	3624596.00	12.37162
490290.00	3624596.00	13.19651	490300.00	3624596.00	13.59671
490310.00	3624596.00	13.53956	490320.00	3624596.00	13.02320
490330.00	3624596.00	12.18542	490340.00	3624596.00	11.23377
490350.00	3624596.00	10.21474	490360.00	3624596.00	9.20827
490370.00	3624596.00	8.27674	490380.00	3624596.00	7.43601
490390.00	3624596.00	6.68458	490400.00	3624596.00	6.00072
490410.00	3624596.00	5.40968	490420.00	3624596.00	4.90672
490430.00	3624596.00	4.45962	490440.00	3624596.00	4.06464
490450.00	3624596.00	3.71363	490460.00	3624596.00	3.40441
490210.00	3624606.00	4.46923	490220.00	3624606.00	5.06950
490230.00	3624606.00	5.76380	490240.00	3624606.00	6.54124
490250.00	3624606.00	7.40690	490260.00	3624606.00	8.29749
490270.00	3624606.00	9.16992	490280.00	3624606.00	9.94197
490290.00	3624606.00	10.52084	490300.00	3624606.00	10.83786
490310.00	3624606.00	10.86470	490320.00	3624606.00	10.59708
490330.00	3624606.00	10.09366	490340.00	3624606.00	9.47014
490350.00	3624606.00	8.78557	490360.00	3624606.00	8.04372
490370.00	3624606.00	7.34240	490380.00	3624606.00	6.67576
490390.00	3624606.00	6.06136	490400.00	3624606.00	5.48504
490410.00	3624606.00	4.98080	490420.00	3624606.00	4.54703
490430.00	3624606.00	4.15679	490440.00	3624606.00	3.80869
490450.00	3624606.00	3.49705	490460.00	3624606.00	3.21833
490210.00	3624616.00	4.03933	490220.00	3624616.00	4.52964
490230.00	3624616.00	5.08052	490240.00	3624616.00	5.68724
490250.00	3624616.00	6.34308	490260.00	3624616.00	7.00009
490270.00	3624616.00	7.63298	490280.00	3624616.00	8.19011
490290.00	3624616.00	8.61808	490300.00	3624616.00	8.87587
490310.00	3624616.00	8.93736	490320.00	3624616.00	8.79987
490330.00	3624616.00	8.49088	490340.00	3624616.00	8.09104
490350.00	3624616.00	7.60990	490360.00	3624616.00	7.06975
490370.00	3624616.00	6.53734	490380.00	3624616.00	6.00609
490390.00	3624616.00	5.50238	490400.00	3624616.00	5.02132

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: MOD ***
INCLUDING SOURCE(S): L0000481 , L0000482 , L0000483 , L0000484 , L0000485 ,
L0000486 , L0000487 , L0000488 , L0000489 , L0000490 , L0000491 , L0000492 , L0000493 ,
L0000494 , L0000495 , L0000496 , L0000497 , L0000498 , L0000499 , L0000500 , L0000501 ,
L0000502 , L0000503 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490410.00	3624616.00	4.59140	490420.00	3624616.00	4.22572
490430.00	3624616.00	3.88685	490440.00	3624616.00	3.57983
490450.00	3624616.00	3.29893	490460.00	3624616.00	3.04566
490307.00	3624461.00	75.39566	490317.00	3624461.00	55.20331
490307.00	3624471.00	78.29060	490317.00	3624471.00	57.81820
490307.00	3624481.00	80.47375	490317.00	3624481.00	59.95988
490307.00	3624491.00	82.47935	490317.00	3624491.00	62.02374
490307.00	3624501.00	85.06256	490317.00	3624501.00	64.86364
490307.00	3624511.00	89.99254	490317.00	3624511.00	70.28494
490307.00	3624521.00	90.62752	490317.00	3624521.00	67.27469
490276.00	3624433.00	33.04310	490286.00	3624433.00	30.22250
490296.00	3624433.00	41.94978	490276.00	3624443.00	38.30818
490286.00	3624443.00	26.71337	490296.00	3624443.00	48.53165
490276.00	3624453.00	58.86406	490286.00	3624453.00	53.19780
490296.00	3624453.00	70.67388	490276.00	3624463.00	61.78024
490286.00	3624463.00	54.87469	490296.00	3624463.00	73.51922
490276.00	3624473.00	63.66198	490286.00	3624473.00	56.31785
490296.00	3624473.00	75.29133	490276.00	3624481.00	65.49375
490286.00	3624481.00	58.33091	490296.00	3624481.00	77.22308
490276.00	3624491.00	67.60366	490286.00	3624491.00	61.65010
490296.00	3624491.00	79.87558	490276.00	3624501.00	67.38421
490286.00	3624501.00	63.06373	490296.00	3624501.00	82.36219
490276.00	3624511.00	65.36858	490286.00	3624511.00	61.19414
490296.00	3624511.00	83.30568	490276.00	3624521.00	62.75817
490286.00	3624521.00	60.25867	490296.00	3624521.00	76.05721
490279.00	3624525.00	60.35219	490289.00	3624525.00	66.66479
490299.00	3624525.00	76.26887	490309.00	3624525.00	73.90226
490319.00	3624525.00	65.20540	490279.00	3624535.00	49.54824
490289.00	3624535.00	44.97727	490299.00	3624535.00	48.21122
490309.00	3624535.00	47.10855	490319.00	3624535.00	51.11463
490279.00	3624545.00	43.70063	490289.00	3624545.00	57.77239
490299.00	3624545.00	51.36157	490309.00	3624545.00	55.14226
490319.00	3624545.00	50.79255	490298.00	3624431.00	37.63045
490298.00	3624441.00	67.44583	490308.00	3624441.00	61.07709
490318.00	3624441.00	45.25170	490298.00	3624451.00	64.60321
490308.00	3624451.00	68.44642	490318.00	3624451.00	50.08305

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: NB1 ***
INCLUDING SOURCE(S): L0000444 , L0000445 , L0000446 , L0000447 , L0000448 ,
L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 , L0000455 , L0000456 ,
L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , L0000462 , L0000463 , L0000464 ,
L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 , L0000471 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624026.00	0.19743	490010.00	3624026.00	0.21760
490060.00	3624026.00	0.23929	490110.00	3624026.00	0.26211
490160.00	3624026.00	0.28524	490210.00	3624026.00	0.30756
490260.00	3624026.00	0.33023	490310.00	3624026.00	0.34906
490360.00	3624026.00	0.37113	490410.00	3624026.00	0.39087
490460.00	3624026.00	0.42219	490510.00	3624026.00	0.45382
490560.00	3624026.00	0.48139	490610.00	3624026.00	0.50417
490660.00	3624026.00	0.52040	490710.00	3624026.00	0.52666
489960.00	3624076.00	0.22166	490010.00	3624076.00	0.24780
490060.00	3624076.00	0.27628	490110.00	3624076.00	0.30731
490160.00	3624076.00	0.33942	490210.00	3624076.00	0.37145
490260.00	3624076.00	0.40370	490310.00	3624076.00	0.43133
490360.00	3624076.00	0.46277	490410.00	3624076.00	0.49397
490460.00	3624076.00	0.54129	490510.00	3624076.00	0.58611
490560.00	3624076.00	0.62259	490610.00	3624076.00	0.64798
490660.00	3624076.00	0.65945	490710.00	3624076.00	0.65470
489960.00	3624126.00	0.24915	490010.00	3624126.00	0.28252
490060.00	3624126.00	0.32112	490110.00	3624126.00	0.36408
490160.00	3624126.00	0.41026	490210.00	3624126.00	0.45715
490260.00	3624126.00	0.50600	490310.00	3624126.00	0.54940
490360.00	3624126.00	0.59487	490410.00	3624126.00	0.64679
490460.00	3624126.00	0.72174	490510.00	3624126.00	0.78325
490560.00	3624126.00	0.82764	490610.00	3624126.00	0.84861
490660.00	3624126.00	0.84290	490710.00	3624126.00	0.81403
489960.00	3624176.00	0.28012	490010.00	3624176.00	0.32338
490060.00	3624176.00	0.37555	490110.00	3624176.00	0.43634
490160.00	3624176.00	0.50483	490210.00	3624176.00	0.57823
490260.00	3624176.00	0.65307	490310.00	3624176.00	0.71876
490360.00	3624176.00	0.79350	490410.00	3624176.00	0.88603
490460.00	3624176.00	1.01058	490510.00	3624176.00	1.09094
490560.00	3624176.00	1.13097	490610.00	3624176.00	1.12480
490660.00	3624176.00	1.07786	490710.00	3624176.00	1.00349
489960.00	3624226.00	0.31410	490010.00	3624226.00	0.37032
490060.00	3624226.00	0.44114	490110.00	3624226.00	0.52846
490160.00	3624226.00	0.63253	490210.00	3624226.00	0.75262
490260.00	3624226.00	0.88076	490310.00	3624226.00	0.99828
490360.00	3624226.00	1.13727	490410.00	3624226.00	1.33448
490460.00	3624226.00	1.49700	490510.00	3624226.00	1.58348
490560.00	3624226.00	1.57602	490610.00	3624226.00	1.49246
490660.00	3624226.00	1.36345	490710.00	3624226.00	1.21251

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: NB1 ***
INCLUDING SOURCE(S): L0000444 , L0000445 , L0000446 , L0000447 , L0000448 ,
L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 , L0000455 , L0000456 ,
L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , L0000462 , L0000463 , L0000464 ,
L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 , L0000471 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624276.00	0.34994	490010.00	3624276.00	0.42207
490060.00	3624276.00	0.51811	490110.00	3624276.00	0.64375
490160.00	3624276.00	0.80580	490210.00	3624276.00	1.01235
490260.00	3624276.00	1.25224	490310.00	3624276.00	1.51024
490360.00	3624276.00	1.79103	490410.00	3624276.00	2.17622
490460.00	3624276.00	2.36874	490510.00	3624276.00	2.36794
490560.00	3624276.00	2.19812	490610.00	3624276.00	1.94437
490660.00	3624276.00	1.67058	490710.00	3624276.00	1.41508
489960.00	3624326.00	0.38441	490010.00	3624326.00	0.47499
490060.00	3624326.00	0.60271	490110.00	3624326.00	0.78199
490160.00	3624326.00	1.03705	490210.00	3624326.00	1.41030
490260.00	3624326.00	1.91929	490310.00	3624326.00	2.55185
490360.00	3624326.00	3.29018	490410.00	3624326.00	3.99446
490460.00	3624326.00	3.97417	490510.00	3624326.00	3.55121
490560.00	3624326.00	2.97529	490610.00	3624326.00	2.41875
490660.00	3624326.00	1.94349	490710.00	3624326.00	1.57104
489960.00	3624376.00	0.41582	490010.00	3624376.00	0.52631
490060.00	3624376.00	0.68842	490110.00	3624376.00	0.93510
490160.00	3624376.00	1.33118	490410.00	3624376.00	8.40432
490460.00	3624376.00	6.68001	490510.00	3624376.00	5.05600
490560.00	3624376.00	3.75456	490610.00	3624376.00	2.79788
490660.00	3624376.00	2.11712	490710.00	3624376.00	1.63658
489960.00	3624426.00	0.43683	490010.00	3624426.00	0.56456
490060.00	3624426.00	0.75508	490110.00	3624426.00	1.06516
490160.00	3624426.00	1.59860	490410.00	3624426.00	17.01031
490460.00	3624426.00	10.06984	490510.00	3624426.00	6.32035
490560.00	3624426.00	4.24961	490610.00	3624426.00	2.93386
490660.00	3624426.00	2.12183	490710.00	3624426.00	1.58479
489960.00	3624476.00	0.44940	490010.00	3624476.00	0.58559
490060.00	3624476.00	0.79100	490110.00	3624476.00	1.13944
490160.00	3624476.00	1.75089	490410.00	3624476.00	25.14470
490460.00	3624476.00	12.11452	490510.00	3624476.00	6.65391
490560.00	3624476.00	4.18389	490610.00	3624476.00	2.75417
490660.00	3624476.00	1.94630	490710.00	3624476.00	1.43393
489960.00	3624526.00	0.44648	490010.00	3624526.00	0.57052
490060.00	3624526.00	0.78274	490110.00	3624526.00	1.11973
490160.00	3624526.00	1.72924	490410.00	3624526.00	38.35499
490460.00	3624526.00	11.35699	490510.00	3624526.00	5.56067
490560.00	3624526.00	3.55859	490610.00	3624526.00	2.35488
490660.00	3624526.00	1.66031	490710.00	3624526.00	1.23686

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: NB1 ***
INCLUDING SOURCE(S): L0000444 , L0000445 , L0000446 , L0000447 , L0000448 ,
L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 , L0000455 , L0000456 ,
L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , L0000462 , L0000463 , L0000464 ,
L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 , L0000471 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624576.00	0.40485	490010.00	3624576.00	0.51783
490060.00	3624576.00	0.68661	490110.00	3624576.00	1.00794
490160.00	3624576.00	1.57070	490210.00	3624576.00	2.65929
490260.00	3624576.00	5.49005	490310.00	3624576.00	14.97585
490360.00	3624576.00	24.53727	490410.00	3624576.00	15.95695
490460.00	3624576.00	7.76114	490510.00	3624576.00	4.02478
490560.00	3624576.00	2.62195	490610.00	3624576.00	1.93104
490660.00	3624576.00	1.39407	490710.00	3624576.00	1.05456
489960.00	3624626.00	0.37636	490010.00	3624626.00	0.47557
490060.00	3624626.00	0.61366	490110.00	3624626.00	0.90369
490160.00	3624626.00	1.30976	490210.00	3624626.00	2.01677
490260.00	3624626.00	3.42877	490310.00	3624626.00	5.79846
490360.00	3624626.00	7.80506	490410.00	3624626.00	6.90498
490460.00	3624626.00	4.82953	490510.00	3624626.00	3.19504
490560.00	3624626.00	2.04624	490610.00	3624626.00	1.57475
490660.00	3624626.00	1.19535	490710.00	3624626.00	0.91842
489960.00	3624676.00	0.34907	490010.00	3624676.00	0.44562
490060.00	3624676.00	0.59080	490110.00	3624676.00	0.77804
490160.00	3624676.00	1.05595	490210.00	3624676.00	1.50954
490260.00	3624676.00	2.23719	490310.00	3624676.00	3.15651
490360.00	3624676.00	3.86251	490410.00	3624676.00	3.73515
490460.00	3624676.00	2.92839	490510.00	3624676.00	2.26370
490560.00	3624676.00	1.69443	490610.00	3624676.00	1.24186
490660.00	3624676.00	1.03547	490710.00	3624676.00	0.82002
489960.00	3624726.00	0.34193	490010.00	3624726.00	0.41742
490060.00	3624726.00	0.51856	490110.00	3624726.00	0.65463
490160.00	3624726.00	0.85154	490210.00	3624726.00	1.15263
490260.00	3624726.00	1.56699	490310.00	3624726.00	1.99471
490360.00	3624726.00	2.31282	490410.00	3624726.00	2.33331
490460.00	3624726.00	2.13930	490510.00	3624726.00	1.80627
490560.00	3624726.00	1.44753	490610.00	3624726.00	1.05440
490660.00	3624726.00	0.84146	490710.00	3624726.00	0.73577
489960.00	3624776.00	0.31393	490010.00	3624776.00	0.37328
490060.00	3624776.00	0.45046	490110.00	3624776.00	0.55505
490160.00	3624776.00	0.69891	490210.00	3624776.00	0.89635
490260.00	3624776.00	1.13637	490310.00	3624776.00	1.38211
490360.00	3624776.00	1.56253	490410.00	3624776.00	1.61585
490460.00	3624776.00	1.54529	490510.00	3624776.00	1.37674
490560.00	3624776.00	1.17047	490610.00	3624776.00	0.96752
490660.00	3624776.00	0.73525	490710.00	3624776.00	0.61095

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: NB1 ***
INCLUDING SOURCE(S): L0000444 , L0000445 , L0000446 , L0000447 , L0000448 ,
L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 , L0000455 , L0000456 ,
L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , L0000462 , L0000463 , L0000464 ,
L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 , L0000471 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624826.00	0.27850	490010.00	3624826.00	0.32887
490060.00	3624826.00	0.38985	490110.00	3624826.00	0.46720
490160.00	3624826.00	0.57452	490210.00	3624826.00	0.70448
490260.00	3624826.00	0.86137	490310.00	3624826.00	1.01294
490360.00	3624826.00	1.12542	490410.00	3624826.00	1.17229
490460.00	3624826.00	1.14782	490510.00	3624826.00	1.06435
490560.00	3624826.00	0.94755	490610.00	3624826.00	0.81985
490660.00	3624826.00	0.68544	490710.00	3624826.00	0.54248
489960.00	3624876.00	0.25240	490010.00	3624876.00	0.29057
490060.00	3624876.00	0.33948	490110.00	3624876.00	0.40186
490160.00	3624876.00	0.47966	490210.00	3624876.00	0.57254
490260.00	3624876.00	0.67710	490310.00	3624876.00	0.77608
490360.00	3624876.00	0.85002	490410.00	3624876.00	0.88673
490460.00	3624876.00	0.88164	490510.00	3624876.00	0.83956
490560.00	3624876.00	0.77102	490610.00	3624876.00	0.68944
490660.00	3624876.00	0.60009	490710.00	3624876.00	0.48872
490210.00	3624326.00	1.41030	490220.00	3624326.00	1.49300
490230.00	3624326.00	1.58498	490240.00	3624326.00	1.68456
490250.00	3624326.00	1.80113	490260.00	3624326.00	1.91929
490270.00	3624326.00	2.02865	490280.00	3624326.00	2.14048
490290.00	3624326.00	2.26067	490300.00	3624326.00	2.39755
490310.00	3624326.00	2.55185	490320.00	3624326.00	2.67444
490330.00	3624326.00	2.81452	490340.00	3624326.00	2.96827
490350.00	3624326.00	3.14807	490360.00	3624326.00	3.29018
490370.00	3624326.00	3.47704	490380.00	3624326.00	3.67238
490390.00	3624326.00	3.82473	490400.00	3624326.00	3.92626
490410.00	3624326.00	3.99446	490420.00	3624326.00	4.03012
490430.00	3624326.00	4.05229	490440.00	3624326.00	4.04891
490450.00	3624326.00	4.02016	490460.00	3624326.00	3.97417
490210.00	3624336.00	1.51225	490220.00	3624336.00	1.60644
490230.00	3624336.00	1.71237	490240.00	3624336.00	1.82937
490250.00	3624336.00	1.97010	490260.00	3624336.00	2.11125
490270.00	3624336.00	2.24128	490280.00	3624336.00	2.37896
490290.00	3624336.00	2.53126	490300.00	3624336.00	2.70269
490310.00	3624336.00	2.89176	490320.00	3624336.00	3.04014
490330.00	3624336.00	3.21060	490340.00	3624336.00	3.40304
490350.00	3624336.00	3.64438	490360.00	3624336.00	3.82799
490370.00	3624336.00	4.04381	490380.00	3624336.00	4.26303
490390.00	3624336.00	4.43559	490400.00	3624336.00	4.53766
490410.00	3624336.00	4.59121	490420.00	3624336.00	4.60695

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: NB1 ***
INCLUDING SOURCE(S): L0000444 , L0000445 , L0000446 , L0000447 , L0000448 ,
L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 , L0000455 , L0000456 ,
L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , L0000462 , L0000463 , L0000464 ,
L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 , L0000471 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490430.00	3624336.00	4.60392	490440.00	3624336.00	4.56705
490450.00	3624336.00	4.50371	490460.00	3624336.00	4.42263
490210.00	3624346.00	1.62387	490220.00	3624346.00	1.73419
490230.00	3624346.00	1.85948	490240.00	3624346.00	1.99776
490250.00	3624346.00	2.16095	490260.00	3624346.00	2.33161
490270.00	3624346.00	2.48887	490280.00	3624346.00	2.66525
490290.00	3624346.00	2.85823	490300.00	3624346.00	3.07331
490310.00	3624346.00	3.31198	490320.00	3624346.00	3.50407
490330.00	3624346.00	3.72442	490340.00	3624346.00	3.96471
490350.00	3624346.00	4.27216	490360.00	3624346.00	4.51374
490370.00	3624346.00	4.76577	490380.00	3624346.00	5.01651
490390.00	3624346.00	5.19496	490400.00	3624346.00	5.28149
490410.00	3624346.00	5.30555	490420.00	3624346.00	5.28824
490430.00	3624346.00	5.24104	490440.00	3624346.00	5.15803
490450.00	3624346.00	5.04861	490460.00	3624346.00	4.92177
490210.00	3624356.00	1.74140	490220.00	3624356.00	1.87633
490230.00	3624356.00	2.02632	490240.00	3624356.00	2.19159
490250.00	3624356.00	2.37879	490260.00	3624356.00	2.58508
490270.00	3624356.00	2.79200	490280.00	3624356.00	3.02245
490290.00	3624356.00	3.27092	490300.00	3624356.00	3.53929
490310.00	3624356.00	3.82891	490320.00	3624356.00	4.09754
490330.00	3624356.00	4.38956	490340.00	3624356.00	4.70942
490350.00	3624356.00	5.07168	490360.00	3624356.00	5.39983
490370.00	3624356.00	5.70632	490380.00	3624356.00	5.98132
490390.00	3624356.00	6.14423	490400.00	3624356.00	6.19522
490410.00	3624356.00	6.16601	490420.00	3624356.00	6.09147
490430.00	3624356.00	5.97492	490440.00	3624356.00	5.82598
490450.00	3624356.00	5.65483	490460.00	3624356.00	5.46833
490210.00	3624366.00	1.86376	490220.00	3624366.00	2.02451
490230.00	3624366.00	2.20257	490240.00	3624366.00	2.40103
490250.00	3624366.00	2.62944	490370.00	3624366.00	6.95325
490380.00	3624366.00	7.21823	490390.00	3624366.00	7.33807
490400.00	3624366.00	7.31250	490410.00	3624366.00	7.19648
490420.00	3624366.00	7.02211	490430.00	3624366.00	6.80856
490440.00	3624366.00	6.57149	490450.00	3624366.00	6.31961
490460.00	3624366.00	6.05770	490210.00	3624376.00	2.00193
490220.00	3624376.00	2.18153	490230.00	3624376.00	2.38831
490240.00	3624376.00	2.62186	490250.00	3624376.00	2.90209
490370.00	3624376.00	8.61636	490380.00	3624376.00	8.83450
490390.00	3624376.00	8.84277	490400.00	3624376.00	8.67272

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: NB1 ***
INCLUDING SOURCE(S): L0000444 , L0000445 , L0000446 , L0000447 , L0000448 ,
L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 , L0000455 , L0000456 ,
L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , L0000462 , L0000463 , L0000464 ,
L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 , L0000471 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490410.00	3624376.00	8.40432	490420.00	3624376.00	8.08961
490430.00	3624376.00	7.74120	490440.00	3624376.00	7.38506
490450.00	3624376.00	7.03302	490460.00	3624376.00	6.68001
490210.00	3624386.00	2.13125	490220.00	3624386.00	2.32690
490230.00	3624386.00	2.56394	490240.00	3624386.00	2.83631
490250.00	3624386.00	3.16175	490370.00	3624386.00	10.89532
490380.00	3624386.00	10.94807	490390.00	3624386.00	10.73335
490400.00	3624386.00	10.31616	490410.00	3624386.00	9.81710
490420.00	3624386.00	9.30795	490430.00	3624386.00	8.78337
490440.00	3624386.00	8.25949	490450.00	3624386.00	7.78662
490460.00	3624386.00	7.33166	490210.00	3624396.00	2.26941
490220.00	3624396.00	2.49821	490230.00	3624396.00	2.77068
490240.00	3624396.00	3.08715	490250.00	3624396.00	3.47847
490370.00	3624396.00	14.14422	490380.00	3624396.00	13.74132
490390.00	3624396.00	13.06709	490400.00	3624396.00	12.25041
490410.00	3624396.00	11.43322	490420.00	3624396.00	10.64895
490430.00	3624396.00	9.91526	490440.00	3624396.00	9.20258
490450.00	3624396.00	8.57596	490460.00	3624396.00	8.00477
490210.00	3624406.00	2.40940	490220.00	3624406.00	2.67200
490230.00	3624406.00	2.98583	490240.00	3624406.00	3.34801
490250.00	3624406.00	3.82182	490370.00	3624406.00	18.66491
490380.00	3624406.00	17.32909	490390.00	3624406.00	15.85551
490400.00	3624406.00	14.45960	490410.00	3624406.00	13.20763
490420.00	3624406.00	12.09354	490430.00	3624406.00	11.12003
490440.00	3624406.00	10.21588	490450.00	3624406.00	9.40009
490460.00	3624406.00	8.68553	490210.00	3624416.00	2.54765
490220.00	3624416.00	2.84597	490230.00	3624416.00	3.21169
490240.00	3624416.00	3.63588	490250.00	3624416.00	4.19175
490370.00	3624416.00	24.59030	490380.00	3624416.00	21.61173
490390.00	3624416.00	18.99212	490400.00	3624416.00	16.85048
490410.00	3624416.00	15.08220	490420.00	3624416.00	13.61459
490430.00	3624416.00	12.36444	490440.00	3624416.00	11.26035
490450.00	3624416.00	10.24972	490460.00	3624416.00	9.37420
490210.00	3624426.00	2.67827	490220.00	3624426.00	3.01176
490230.00	3624426.00	3.41117	490240.00	3624426.00	3.91458
490250.00	3624426.00	4.57974	490370.00	3624426.00	31.45831
490380.00	3624426.00	26.16723	490390.00	3624426.00	22.22556
490400.00	3624426.00	19.29935	490410.00	3624426.00	17.01031
490420.00	3624426.00	15.16872	490430.00	3624426.00	13.61894
490440.00	3624426.00	12.29470	490450.00	3624426.00	11.12847

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: NB1 ***
INCLUDING SOURCE(S): L0000444 , L0000445 , L0000446 , L0000447 , L0000448 ,
L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 , L0000455 , L0000456 ,
L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , L0000462 , L0000463 , L0000464 ,
L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 , L0000471 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490460.00	3624426.00	10.06984	490210.00	3624436.00	2.80140
490220.00	3624436.00	3.17269	490230.00	3624436.00	3.61962
490240.00	3624436.00	4.20278	490250.00	3624436.00	4.97534
490370.00	3624436.00	37.67482	490380.00	3624436.00	30.38891
490390.00	3624436.00	25.31644	490400.00	3624436.00	21.68580
490410.00	3624436.00	18.91773	490420.00	3624436.00	16.71690
490430.00	3624436.00	14.84062	490440.00	3624436.00	13.29770
490450.00	3624436.00	11.96254	490460.00	3624436.00	10.74610
490210.00	3624446.00	2.92291	490220.00	3624446.00	3.33046
490230.00	3624446.00	3.84162	490240.00	3624446.00	4.50229
490250.00	3624446.00	5.37064	490370.00	3624446.00	42.44275
490380.00	3624446.00	33.90708	490390.00	3624446.00	28.16296
490400.00	3624446.00	23.99222	490410.00	3624446.00	20.79118
490420.00	3624446.00	18.22564	490430.00	3624446.00	16.08184
490440.00	3624446.00	14.27307	490450.00	3624446.00	12.72577
490460.00	3624446.00	11.34662	490210.00	3624456.00	3.02549
490220.00	3624456.00	3.46089	490230.00	3624456.00	4.00332
490240.00	3624456.00	4.73335	490250.00	3624456.00	5.70950
490370.00	3624456.00	46.15302	490380.00	3624456.00	37.36785
490390.00	3624456.00	31.03712	490400.00	3624456.00	26.31396
490410.00	3624456.00	22.68796	490420.00	3624456.00	19.76957
490430.00	3624456.00	17.30243	490440.00	3624456.00	15.21968
490450.00	3624456.00	13.42766	490460.00	3624456.00	11.83450
490210.00	3624466.00	3.11365	490220.00	3624466.00	3.57767
490230.00	3624466.00	4.17386	490240.00	3624466.00	4.95728
490250.00	3624466.00	6.03333	490370.00	3624466.00	50.01765
490380.00	3624466.00	40.97356	490390.00	3624466.00	33.76096
490400.00	3624466.00	28.29691	490410.00	3624466.00	24.19098
490420.00	3624466.00	20.95872	490430.00	3624466.00	18.23802
490440.00	3624466.00	15.97626	490450.00	3624466.00	13.92433
490460.00	3624466.00	12.14196	490210.00	3624476.00	3.17983
490220.00	3624476.00	3.67160	490230.00	3624476.00	4.31726
490240.00	3624476.00	5.14700	490250.00	3624476.00	6.27236
490370.00	3624476.00	55.81199	490380.00	3624476.00	45.06763
490390.00	3624476.00	36.87198	490400.00	3624476.00	30.63478
490410.00	3624476.00	25.14470	490420.00	3624476.00	21.31920
490430.00	3624476.00	18.50929	490440.00	3624476.00	16.06073
490450.00	3624476.00	13.97808	490460.00	3624476.00	12.11452
490210.00	3624486.00	3.22465	490220.00	3624486.00	3.73467
490230.00	3624486.00	4.39590	490240.00	3624486.00	5.28009

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: NB1 ***
INCLUDING SOURCE(S): L0000444 , L0000445 , L0000446 , L0000447 , L0000448 ,
L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 , L0000455 , L0000456 ,
L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , L0000462 , L0000463 , L0000464 ,
L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 , L0000471 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490250.00	3624486.00	6.42973	490380.00	3624486.00	51.11634
490390.00	3624486.00	41.40914	490400.00	3624486.00	33.29670
490410.00	3624486.00	25.31319	490420.00	3624486.00	21.14734
490430.00	3624486.00	17.96131	490440.00	3624486.00	15.42514
490450.00	3624486.00	13.32901	490460.00	3624486.00	11.72803
490210.00	3624496.00	3.25389	490220.00	3624496.00	3.78457
490230.00	3624496.00	4.44652	490240.00	3624496.00	5.35570
490250.00	3624496.00	6.50961	490390.00	3624496.00	47.36407
490400.00	3624496.00	37.68719	490410.00	3624496.00	29.13587
490420.00	3624496.00	23.88002	490430.00	3624496.00	19.63145
490440.00	3624496.00	16.10082	490450.00	3624496.00	13.47896
490460.00	3624496.00	11.40122	490210.00	3624506.00	3.25505
490220.00	3624506.00	3.78903	490230.00	3624506.00	4.47716
490240.00	3624506.00	5.35483	490250.00	3624506.00	6.52381
490400.00	3624506.00	44.48858	490410.00	3624506.00	35.23969
490420.00	3624506.00	27.93222	490430.00	3624506.00	21.84980
490440.00	3624506.00	17.70701	490450.00	3624506.00	14.36918
490460.00	3624506.00	11.71301	490210.00	3624516.00	3.23254
490220.00	3624516.00	3.76704	490230.00	3624516.00	4.41961
490240.00	3624516.00	5.28491	490250.00	3624516.00	6.42753
490410.00	3624516.00	37.69242	490420.00	3624516.00	28.75745
490430.00	3624516.00	22.27169	490440.00	3624516.00	17.84386
490450.00	3624516.00	14.50684	490460.00	3624516.00	11.83364
490210.00	3624526.00	3.18341	490220.00	3624526.00	3.70298
490230.00	3624526.00	4.34233	490240.00	3624526.00	5.15982
490250.00	3624526.00	6.24381	490410.00	3624526.00	38.35499
490420.00	3624526.00	28.47628	490430.00	3624526.00	21.73694
490440.00	3624526.00	17.26400	490450.00	3624526.00	13.99154
490460.00	3624526.00	11.35699	490210.00	3624536.00	3.10992
490220.00	3624536.00	3.59185	490230.00	3624536.00	4.21525
490240.00	3624536.00	4.96656	490250.00	3624536.00	5.98962
490410.00	3624536.00	36.08351	490420.00	3624536.00	26.44996
490430.00	3624536.00	20.25552	490440.00	3624536.00	16.15749
490450.00	3624536.00	13.26130	490460.00	3624536.00	10.88734
490210.00	3624546.00	3.01936	490220.00	3624546.00	3.46279
490230.00	3624546.00	4.03026	490240.00	3624546.00	4.74441
490250.00	3624546.00	5.68803	490410.00	3624546.00	31.03531
490420.00	3624546.00	23.29175	490430.00	3624546.00	18.19585
490440.00	3624546.00	14.72049	490450.00	3624546.00	12.17132
490460.00	3624546.00	10.23694	490210.00	3624556.00	2.90735

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: NB1 ***
INCLUDING SOURCE(S): L0000444 , L0000445 , L0000446 , L0000447 , L0000448 ,
L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 , L0000455 , L0000456 ,
L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , L0000462 , L0000463 , L0000464 ,
L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 , L0000471 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490220.00	3624556.00	3.33135	490230.00	3624556.00	3.85758
490240.00	3624556.00	4.52130	490250.00	3624556.00	5.37354
490410.00	3624556.00	24.94218	490420.00	3624556.00	19.73862
490430.00	3624556.00	15.93753	490440.00	3624556.00	13.16750
490450.00	3624556.00	11.05733	490460.00	3624556.00	9.39837
490210.00	3624566.00	2.80019	490220.00	3624566.00	3.19647
490230.00	3624566.00	3.68298	490240.00	3624566.00	4.28973
490250.00	3624566.00	5.05296	490260.00	3624566.00	6.02074
490270.00	3624566.00	7.31448	490280.00	3624566.00	9.10887
490290.00	3624566.00	11.55545	490300.00	3624566.00	15.03711
490310.00	3624566.00	19.44262	490320.00	3624566.00	24.45641
490330.00	3624566.00	28.88853	490340.00	3624566.00	32.26344
490350.00	3624566.00	34.18419	490360.00	3624566.00	34.76171
490370.00	3624566.00	34.02676	490380.00	3624566.00	32.02790
490390.00	3624566.00	28.50848	490400.00	3624566.00	24.03031
490410.00	3624566.00	19.79602	490420.00	3624566.00	16.43389
490430.00	3624566.00	13.72331	490440.00	3624566.00	11.60718
490450.00	3624566.00	9.91414	490460.00	3624566.00	8.56548
490210.00	3624576.00	2.65929	490220.00	3624576.00	3.01203
490230.00	3624576.00	3.45487	490240.00	3624576.00	3.97804
490250.00	3624576.00	4.65859	490260.00	3624576.00	5.49005
490270.00	3624576.00	6.53961	490280.00	3624576.00	7.98248
490290.00	3624576.00	9.83824	490300.00	3624576.00	12.12865
490310.00	3624576.00	14.97585	490320.00	3624576.00	18.00721
490330.00	3624576.00	20.65848	490340.00	3624576.00	22.78648
490350.00	3624576.00	24.05285	490360.00	3624576.00	24.53727
490370.00	3624576.00	24.16197	490380.00	3624576.00	22.96796
490390.00	3624576.00	21.00176	490400.00	3624576.00	18.50487
490410.00	3624576.00	15.95695	490420.00	3624576.00	13.73737
490430.00	3624576.00	11.80778	490440.00	3624576.00	10.20429
490450.00	3624576.00	8.86346	490460.00	3624576.00	7.76114
490210.00	3624586.00	2.52140	490220.00	3624586.00	2.85019
490230.00	3624586.00	3.23385	490240.00	3624586.00	3.70096
490250.00	3624586.00	4.27708	490260.00	3624586.00	5.00301
490270.00	3624586.00	5.89206	490280.00	3624586.00	7.05636
490290.00	3624586.00	8.39552	490300.00	3624586.00	10.05505
490310.00	3624586.00	11.85747	490320.00	3624586.00	13.83482
490330.00	3624586.00	15.57956	490340.00	3624586.00	16.93674
490350.00	3624586.00	17.81439	490360.00	3624586.00	18.22345
490370.00	3624586.00	18.08115	490380.00	3624586.00	17.41257

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: NB1 ***
INCLUDING SOURCE(S): L0000444 , L0000445 , L0000446 , L0000447 , L0000448 ,
L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 , L0000455 , L0000456 ,
L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , L0000462 , L0000463 , L0000464 ,
L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 , L0000471 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490390.00	3624586.00	16.25731	490400.00	3624586.00	14.72980
490410.00	3624586.00	13.10818	490420.00	3624586.00	11.62450
490430.00	3624586.00	10.22898	490440.00	3624586.00	9.00015
490450.00	3624586.00	7.93175	490460.00	3624586.00	7.03040
490210.00	3624596.00	2.39576	490220.00	3624596.00	2.68896
490230.00	3624596.00	3.03125	490240.00	3624596.00	3.45061
490250.00	3624596.00	3.93792	490260.00	3624596.00	4.55295
490270.00	3624596.00	5.29409	490280.00	3624596.00	6.20577
490290.00	3624596.00	7.19171	490300.00	3624596.00	8.40489
490310.00	3624596.00	9.64746	490320.00	3624596.00	10.98024
490330.00	3624596.00	12.19715	490340.00	3624596.00	13.11128
490350.00	3624596.00	13.75074	490360.00	3624596.00	14.11045
490370.00	3624596.00	14.11332	490380.00	3624596.00	13.75306
490390.00	3624596.00	13.04145	490400.00	3624596.00	12.03386
490410.00	3624596.00	10.95023	490420.00	3624596.00	9.89269
490430.00	3624596.00	8.87456	490440.00	3624596.00	7.94304
490450.00	3624596.00	7.10770	490460.00	3624596.00	6.37620
490210.00	3624606.00	2.26637	490220.00	3624606.00	2.52137
490230.00	3624606.00	2.82570	490240.00	3624606.00	3.18444
490250.00	3624606.00	3.62620	490260.00	3624606.00	4.13512
490270.00	3624606.00	4.73960	490280.00	3624606.00	5.45601
490290.00	3624606.00	6.23306	490300.00	3624606.00	7.10655
490310.00	3624606.00	8.00792	490320.00	3624606.00	8.94249
490330.00	3624606.00	9.82352	490340.00	3624606.00	10.49009
490350.00	3624606.00	10.98890	490360.00	3624606.00	11.31237
490370.00	3624606.00	11.40128	490380.00	3624606.00	11.22102
490390.00	3624606.00	10.76875	490400.00	3624606.00	10.03227
490410.00	3624606.00	9.28662	490420.00	3624606.00	8.53261
490430.00	3624606.00	7.77784	490440.00	3624606.00	7.06186
490450.00	3624606.00	6.39991	490460.00	3624606.00	5.80028
490210.00	3624616.00	2.14142	490220.00	3624616.00	2.37079
490230.00	3624616.00	2.63832	490240.00	3624616.00	2.95448
490250.00	3624616.00	3.33603	490260.00	3624616.00	3.76429
490270.00	3624616.00	4.26029	490280.00	3624616.00	4.83699
490290.00	3624616.00	5.43562	490300.00	3624616.00	6.08298
490310.00	3624616.00	6.76727	490320.00	3624616.00	7.46094
490330.00	3624616.00	8.10874	490340.00	3624616.00	8.60731
490350.00	3624616.00	9.02587	490360.00	3624616.00	9.30449
490370.00	3624616.00	9.42326	490380.00	3624616.00	9.33158
490390.00	3624616.00	9.02788	490400.00	3624616.00	8.49630

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: NB1 ***
INCLUDING SOURCE(S): L0000444 , L0000445 , L0000446 , L0000447 , L0000448 ,
L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 , L0000455 , L0000456 ,
L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , L0000462 , L0000463 , L0000464 ,
L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 , L0000471 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490410.00	3624616.00	7.96970	490420.00	3624616.00	7.43706
490430.00	3624616.00	6.87354	490440.00	3624616.00	6.31873
490450.00	3624616.00	5.78505	490460.00	3624616.00	5.28939
490307.00	3624461.00	29.30865	490317.00	3624461.00	33.09024
490307.00	3624471.00	32.43740	490317.00	3624471.00	35.12192
490307.00	3624481.00	33.48169	490317.00	3624481.00	42.31009
490307.00	3624491.00	34.19773	490317.00	3624491.00	45.59852
490307.00	3624501.00	35.93032	490317.00	3624501.00	39.65273
490307.00	3624511.00	36.94620	490317.00	3624511.00	39.90799
490307.00	3624521.00	35.84374	490317.00	3624521.00	48.45725
490276.00	3624433.00	7.85393	490286.00	3624433.00	9.72086
490296.00	3624433.00	12.53660	490276.00	3624443.00	8.70080
490286.00	3624443.00	11.07788	490296.00	3624443.00	14.73724
490276.00	3624453.00	9.61690	490286.00	3624453.00	12.58076
490296.00	3624453.00	17.15154	490276.00	3624463.00	10.40425
490286.00	3624463.00	13.73082	490296.00	3624463.00	19.24137
490276.00	3624473.00	11.01891	490286.00	3624473.00	14.52996
490296.00	3624473.00	20.82297	490276.00	3624481.00	11.39540
490286.00	3624481.00	14.98576	490296.00	3624481.00	21.39437
490276.00	3624491.00	11.73870	490286.00	3624491.00	15.52929
490296.00	3624491.00	22.02510	490276.00	3624501.00	11.87634
490286.00	3624501.00	15.94156	490296.00	3624501.00	22.73437
490276.00	3624511.00	11.75043	490286.00	3624511.00	15.91529
490296.00	3624511.00	23.03248	490276.00	3624521.00	11.46678
490286.00	3624521.00	15.54969	490296.00	3624521.00	22.66795
490279.00	3624525.00	12.31349	490289.00	3624525.00	17.06578
490299.00	3624525.00	25.27808	490309.00	3624525.00	38.38650
490319.00	3624525.00	39.49636	490279.00	3624535.00	11.66686
490289.00	3624535.00	16.14229	490299.00	3624535.00	23.74268
490309.00	3624535.00	37.26291	490319.00	3624535.00	34.59832
490279.00	3624545.00	10.98189	490289.00	3624545.00	14.91177
490299.00	3624545.00	21.30260	490309.00	3624545.00	32.31980
490319.00	3624545.00	32.60016	490298.00	3624431.00	12.89002
490298.00	3624441.00	15.20264	490308.00	3624441.00	21.35424
490318.00	3624441.00	31.67848	490298.00	3624451.00	17.84727
490308.00	3624451.00	25.99633	490318.00	3624451.00	35.04776

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: NB2 ***
INCLUDING SOURCE(S): L0000384 , L0000385 , L0000386 , L0000387 , L0000388 ,
L0000389 , L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , L0000396 ,
L0000397 , L0000398 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624026.00	0.17909	490010.00	3624026.00	0.19571
490060.00	3624026.00	0.21332	490110.00	3624026.00	0.23159
490160.00	3624026.00	0.24992	490210.00	3624026.00	0.26753
490260.00	3624026.00	0.28533	490310.00	3624026.00	0.30016
490360.00	3624026.00	0.31705	490410.00	3624026.00	0.33180
490460.00	3624026.00	0.35485	490510.00	3624026.00	0.37965
490560.00	3624026.00	0.40171	490610.00	3624026.00	0.42188
490660.00	3624026.00	0.43978	490710.00	3624026.00	0.45141
489960.00	3624076.00	0.20021	490010.00	3624076.00	0.22149
490060.00	3624076.00	0.24426	490110.00	3624076.00	0.26860
490160.00	3624076.00	0.29339	490210.00	3624076.00	0.31789
490260.00	3624076.00	0.34237	490310.00	3624076.00	0.36338
490360.00	3624076.00	0.38654	490410.00	3624076.00	0.40881
490460.00	3624076.00	0.44285	490510.00	3624076.00	0.47754
490560.00	3624076.00	0.50810	490610.00	3624076.00	0.53437
490660.00	3624076.00	0.55346	490710.00	3624076.00	0.56110
489960.00	3624126.00	0.22422	490010.00	3624126.00	0.25113
490060.00	3624126.00	0.28150	490110.00	3624126.00	0.31445
490160.00	3624126.00	0.34904	490210.00	3624126.00	0.38359
490260.00	3624126.00	0.41910	490310.00	3624126.00	0.45057
490360.00	3624126.00	0.48255	490410.00	3624126.00	0.51756
490460.00	3624126.00	0.57072	490510.00	3624126.00	0.61842
490560.00	3624126.00	0.66029	490610.00	3624126.00	0.69190
490660.00	3624126.00	0.70670	490710.00	3624126.00	0.70282
489960.00	3624176.00	0.25147	490010.00	3624176.00	0.28607
490060.00	3624176.00	0.32652	490110.00	3624176.00	0.37207
490160.00	3624176.00	0.42163	490210.00	3624176.00	0.47317
490260.00	3624176.00	0.52474	490310.00	3624176.00	0.56992
490360.00	3624176.00	0.61911	490410.00	3624176.00	0.67722
490460.00	3624176.00	0.76548	490510.00	3624176.00	0.83201
490560.00	3624176.00	0.88582	490610.00	3624176.00	0.91463
490660.00	3624176.00	0.91170	490710.00	3624176.00	0.88069
489960.00	3624226.00	0.28187	490010.00	3624226.00	0.32662
490060.00	3624226.00	0.38088	490110.00	3624226.00	0.44488
490160.00	3624226.00	0.51743	490210.00	3624226.00	0.59704
490260.00	3624226.00	0.67883	490310.00	3624226.00	0.75297
490360.00	3624226.00	0.83601	490410.00	3624226.00	0.95484
490460.00	3624226.00	1.07197	490510.00	3624226.00	1.16977
490560.00	3624226.00	1.22699	490610.00	3624226.00	1.22897
490660.00	3624226.00	1.18035	490710.00	3624226.00	1.09475

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: NB2 ***
INCLUDING SOURCE(S): L0000384 , L0000385 , L0000386 , L0000387 , L0000388 ,
L0000389 , L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , L0000396 ,
L0000397 , L0000398 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624276.00	0.31488	490010.00	3624276.00	0.37244
490060.00	3624276.00	0.44570	490110.00	3624276.00	0.53629
490160.00	3624276.00	0.64530	490210.00	3624276.00	0.77334
490260.00	3624276.00	0.91123	490310.00	3624276.00	1.05308
490360.00	3624276.00	1.19963	490410.00	3624276.00	1.42306
490460.00	3624276.00	1.59714	490510.00	3624276.00	1.72441
490560.00	3624276.00	1.74319	490610.00	3624276.00	1.65707
490660.00	3624276.00	1.50564	490710.00	3624276.00	1.33058
489960.00	3624326.00	0.34835	490010.00	3624326.00	0.42165
490060.00	3624326.00	0.51997	490110.00	3624326.00	0.64903
490160.00	3624326.00	0.81658	490210.00	3624326.00	1.03283
490260.00	3624326.00	1.28635	490310.00	3624326.00	1.56695
490360.00	3624326.00	1.87573	490410.00	3624326.00	2.29312
490460.00	3624326.00	2.57762	490510.00	3624326.00	2.65932
490560.00	3624326.00	2.49377	490610.00	3624326.00	2.19124
490660.00	3624326.00	1.85444	490710.00	3624326.00	1.55357
489960.00	3624376.00	0.38107	490010.00	3624376.00	0.47285
490060.00	3624376.00	0.60116	490110.00	3624376.00	0.78318
490160.00	3624376.00	1.04569	490410.00	3624376.00	4.22875
490460.00	3624376.00	4.53210	490510.00	3624376.00	4.17075
490560.00	3624376.00	3.46380	490610.00	3624376.00	2.75056
490660.00	3624376.00	2.15757	490710.00	3624376.00	1.70919
489960.00	3624426.00	0.40862	490010.00	3624426.00	0.51708
490060.00	3624426.00	0.67554	490110.00	3624426.00	0.91878
490160.00	3624426.00	1.29990	490410.00	3624426.00	9.36210
490460.00	3624426.00	8.33478	490510.00	3624426.00	6.14456
490560.00	3624426.00	4.41884	490610.00	3624426.00	3.14792
490660.00	3624426.00	2.31170	490710.00	3624426.00	1.73930
489960.00	3624476.00	0.42803	490010.00	3624476.00	0.54946
490060.00	3624476.00	0.73164	490110.00	3624476.00	1.03045
490160.00	3624476.00	1.53643	490410.00	3624476.00	23.27496
490460.00	3624476.00	13.41982	490510.00	3624476.00	7.66020
490560.00	3624476.00	4.83907	490610.00	3624476.00	3.16976
490660.00	3624476.00	2.23247	490710.00	3624476.00	1.62972
489960.00	3624526.00	0.43594	490010.00	3624526.00	0.56052
490060.00	3624526.00	0.75533	490110.00	3624526.00	1.07599
490160.00	3624526.00	1.66321	490410.00	3624526.00	55.92550
490460.00	3624526.00	15.22819	490510.00	3624526.00	7.02927
490560.00	3624526.00	4.34336	490610.00	3624526.00	2.79976
490660.00	3624526.00	1.94206	490710.00	3624526.00	1.42296

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: NB2 ***
INCLUDING SOURCE(S): L0000384 , L0000385 , L0000386 , L0000387 , L0000388 ,
L0000389 , L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , L0000396 ,
L0000397 , L0000398 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624576.00	0.38900	490010.00	3624576.00	0.51184
490060.00	3624576.00	0.69308	490110.00	3624576.00	1.02794
490160.00	3624576.00	1.61045	490210.00	3624576.00	2.82617
490260.00	3624576.00	6.33247	490310.00	3624576.00	21.87040
490360.00	3624576.00	45.08848	490410.00	3624576.00	25.06537
490460.00	3624576.00	10.67760	490510.00	3624576.00	5.08815
490560.00	3624576.00	3.18006	490610.00	3624576.00	2.28525
490660.00	3624576.00	1.61391	490710.00	3624576.00	1.20178
489960.00	3624626.00	0.37049	490010.00	3624626.00	0.47479
490060.00	3624626.00	0.61103	490110.00	3624626.00	0.94903
490160.00	3624626.00	1.40047	490210.00	3624626.00	2.24006
490260.00	3624626.00	4.10251	490310.00	3624626.00	7.84789
490360.00	3624626.00	11.60835	490410.00	3624626.00	9.95269
490460.00	3624626.00	6.42967	490510.00	3624626.00	3.98394
490560.00	3624626.00	2.42737	490610.00	3624626.00	1.82696
490660.00	3624626.00	1.36076	490710.00	3624626.00	1.02876
489960.00	3624676.00	0.36624	490010.00	3624676.00	0.46963
490060.00	3624676.00	0.62230	490110.00	3624676.00	0.82734
490160.00	3624676.00	1.14689	490210.00	3624676.00	1.69294
490260.00	3624676.00	2.65738	490310.00	3624676.00	4.02680
490360.00	3624676.00	5.18854	490410.00	3624676.00	4.99372
490460.00	3624676.00	3.73947	490510.00	3624676.00	2.76707
490560.00	3624676.00	1.99408	490610.00	3624676.00	1.41775
490660.00	3624676.00	1.16513	490710.00	3624676.00	0.90851
489960.00	3624726.00	0.35879	490010.00	3624726.00	0.43907
490060.00	3624726.00	0.54783	490110.00	3624726.00	0.70093
490160.00	3624726.00	0.92745	490210.00	3624726.00	1.29172
490260.00	3624726.00	1.84003	490310.00	3624726.00	2.44501
490360.00	3624726.00	2.92385	490410.00	3624726.00	2.96294
490460.00	3624726.00	2.67261	490510.00	3624726.00	2.19289
490560.00	3624726.00	1.70333	490610.00	3624726.00	1.19984
490660.00	3624726.00	0.93834	490710.00	3624726.00	0.81187
489960.00	3624776.00	0.32694	490010.00	3624776.00	0.39203
490060.00	3624776.00	0.47755	490110.00	3624776.00	0.59491
490160.00	3624776.00	0.76052	490210.00	3624776.00	0.99932
490260.00	3624776.00	1.30846	490310.00	3624776.00	1.64387
490360.00	3624776.00	1.90054	490410.00	3624776.00	1.98067
490460.00	3624776.00	1.88098	490510.00	3624776.00	1.64538
490560.00	3624776.00	1.36774	490610.00	3624776.00	1.10541
490660.00	3624776.00	0.81940	490710.00	3624776.00	0.67056

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: NB2 ***
INCLUDING SOURCE(S): L0000384 , L0000385 , L0000386 , L0000387 , L0000388 ,
L0000389 , L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , L0000396 ,
L0000397 , L0000398 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624826.00	0.29338	490010.00	3624826.00	0.34611
490060.00	3624826.00	0.41337	490110.00	3624826.00	0.49980
490160.00	3624826.00	0.62293	490210.00	3624826.00	0.77819
490260.00	3624826.00	0.97630	490310.00	3624826.00	1.17717
490360.00	3624826.00	1.33096	490410.00	3624826.00	1.39752
490460.00	3624826.00	1.36528	490510.00	3624826.00	1.25228
490560.00	3624826.00	1.09792	490610.00	3624826.00	0.93340
490660.00	3624826.00	0.76661	490710.00	3624826.00	0.59555
489960.00	3624876.00	0.26412	490010.00	3624876.00	0.30577
490060.00	3624876.00	0.35948	490110.00	3624876.00	0.42904
490160.00	3624876.00	0.51815	490210.00	3624876.00	0.62847
490260.00	3624876.00	0.75830	490310.00	3624876.00	0.88621
490360.00	3624876.00	0.98427	490410.00	3624876.00	1.03436
490460.00	3624876.00	1.02860	490510.00	3624876.00	0.97370
490560.00	3624876.00	0.88480	490610.00	3624876.00	0.78090
490660.00	3624876.00	0.67029	490710.00	3624876.00	0.53696
490210.00	3624326.00	1.03283	490220.00	3624326.00	1.07693
490230.00	3624326.00	1.12448	490240.00	3624326.00	1.17438
490250.00	3624326.00	1.23082	490260.00	3624326.00	1.28635
490270.00	3624326.00	1.33666	490280.00	3624326.00	1.38717
490290.00	3624326.00	1.44052	490300.00	3624326.00	1.49998
490310.00	3624326.00	1.56695	490320.00	3624326.00	1.61939
490330.00	3624326.00	1.67858	490340.00	3624326.00	1.74251
490350.00	3624326.00	1.81856	490360.00	3624326.00	1.87573
490370.00	3624326.00	1.95960	490380.00	3624326.00	2.06647
490390.00	3624326.00	2.15901	490400.00	3624326.00	2.22705
490410.00	3624326.00	2.29312	490420.00	3624326.00	2.35540
490430.00	3624326.00	2.42017	490440.00	3624326.00	2.48008
490450.00	3624326.00	2.53223	490460.00	3624326.00	2.57762
490210.00	3624336.00	1.09856	490220.00	3624336.00	1.14773
490230.00	3624336.00	1.20116	490240.00	3624336.00	1.25806
490250.00	3624336.00	1.32381	490260.00	3624336.00	1.38737
490270.00	3624336.00	1.44430	490280.00	3624336.00	1.50310
490290.00	3624336.00	1.56662	490300.00	3624336.00	1.63642
490310.00	3624336.00	1.71340	490320.00	3624336.00	1.77262
490330.00	3624336.00	1.83993	490340.00	3624336.00	1.91476
490350.00	3624336.00	2.01154	490360.00	3624336.00	2.08206
490370.00	3624336.00	2.17531	490380.00	3624336.00	2.29219
490390.00	3624336.00	2.40448	490400.00	3624336.00	2.48422
490410.00	3624336.00	2.55951	490420.00	3624336.00	2.63120

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: NB2 ***
INCLUDING SOURCE(S): L0000384 , L0000385 , L0000386 , L0000387 , L0000388 ,
L0000389 , L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , L0000396 ,
L0000397 , L0000398 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490430.00	3624336.00	2.70393	490440.00	3624336.00	2.76792
490450.00	3624336.00	2.82221	490460.00	3624336.00	2.86729
490210.00	3624346.00	1.17049	490220.00	3624346.00	1.22688
490230.00	3624346.00	1.28844	490240.00	3624346.00	1.35358
490250.00	3624346.00	1.42706	490260.00	3624346.00	1.50052
490270.00	3624346.00	1.56573	490280.00	3624346.00	1.63645
490290.00	3624346.00	1.71150	490300.00	3624346.00	1.79281
490310.00	3624346.00	1.88306	490320.00	3624346.00	1.95380
490330.00	3624346.00	2.03426	490340.00	3624346.00	2.12067
490350.00	3624346.00	2.23660	490360.00	3624346.00	2.32580
490370.00	3624346.00	2.43066	490380.00	3624346.00	2.56885
490390.00	3624346.00	2.69493	490400.00	3624346.00	2.78654
490410.00	3624346.00	2.87287	490420.00	3624346.00	2.95595
490430.00	3624346.00	3.03540	490440.00	3624346.00	3.10357
490450.00	3624346.00	3.15913	490460.00	3624346.00	3.20190
490210.00	3624356.00	1.24706	490220.00	3624356.00	1.31472
490230.00	3624356.00	1.38653	490240.00	3624356.00	1.46188
490250.00	3624356.00	1.54296	490260.00	3624356.00	1.62769
490270.00	3624356.00	1.70849	490280.00	3624356.00	1.79449
490290.00	3624356.00	1.88350	490300.00	3624356.00	1.97701
490310.00	3624356.00	2.07682	490320.00	3624356.00	2.16714
490330.00	3624356.00	2.26436	490340.00	3624356.00	2.37076
490350.00	3624356.00	2.49463	490360.00	3624356.00	2.61156
490370.00	3624356.00	2.73811	490380.00	3624356.00	2.90338
490390.00	3624356.00	3.03985	490400.00	3624356.00	3.14680
490410.00	3624356.00	3.24623	490420.00	3624356.00	3.34123
490430.00	3624356.00	3.42567	490440.00	3624356.00	3.49597
490450.00	3624356.00	3.55021	490460.00	3624356.00	3.58671
490210.00	3624366.00	1.32827	490220.00	3624366.00	1.40769
490230.00	3624366.00	1.49116	490240.00	3624366.00	1.57907
490250.00	3624366.00	1.67432	490370.00	3624366.00	3.11158
490380.00	3624366.00	3.29442	490390.00	3624366.00	3.45314
490400.00	3624366.00	3.57805	490410.00	3624366.00	3.69358
490420.00	3624366.00	3.79753	490430.00	3624366.00	3.88575
490440.00	3624366.00	3.95550	490450.00	3624366.00	4.00384
490460.00	3624366.00	4.02823	490210.00	3624376.00	1.42029
490220.00	3624376.00	1.50801	490230.00	3624376.00	1.60335
490240.00	3624376.00	1.70439	490250.00	3624376.00	1.81750
490370.00	3624376.00	3.55355	490380.00	3624376.00	3.76801
490390.00	3624376.00	3.95354	490400.00	3624376.00	4.09886

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: NB2 ***
INCLUDING SOURCE(S): L0000384 , L0000385 , L0000386 , L0000387 ,
L0000388 ,
L0000389 , L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 ,
L0000396 ,
L0000397 , L0000398 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490410.00	3624376.00	4.22875	490420.00	3624376.00	4.34207
490430.00	3624376.00	4.42975	490440.00	3624376.00	4.49181
490450.00	3624376.00	4.52780	490460.00	3624376.00	4.53210
490210.00	3624386.00	1.51151	490220.00	3624386.00	1.60688
490230.00	3624386.00	1.71555	490240.00	3624386.00	1.83192
490250.00	3624386.00	1.96048	490370.00	3624386.00	4.08390
490380.00	3624386.00	4.33025	490390.00	3624386.00	4.56379
490400.00	3624386.00	4.73537	490410.00	3624386.00	4.87984
490420.00	3624386.00	5.00062	490430.00	3624386.00	5.08209
490440.00	3624386.00	5.11970	490450.00	3624386.00	5.13327
490460.00	3624386.00	5.10892	490210.00	3624396.00	1.61180
490220.00	3624396.00	1.72351	490230.00	3624396.00	1.84793
490240.00	3624396.00	1.98176	490250.00	3624396.00	2.13341
490370.00	3624396.00	4.80760	490380.00	3624396.00	5.05565
490390.00	3624396.00	5.32148	490400.00	3624396.00	5.51753
490410.00	3624396.00	5.67726	490420.00	3624396.00	5.79369
490430.00	3624396.00	5.86209	490440.00	3624396.00	5.86554
490450.00	3624396.00	5.83608	490460.00	3624396.00	5.76829
490210.00	3624406.00	1.71869	490220.00	3624406.00	1.84813
490230.00	3624406.00	1.99217	490240.00	3624406.00	2.14521
490250.00	3624406.00	2.32730	490370.00	3624406.00	5.71388
490380.00	3624406.00	5.97816	490390.00	3624406.00	6.26992
490400.00	3624406.00	6.48955	490410.00	3624406.00	6.65452
490420.00	3624406.00	6.75603	490430.00	3624406.00	6.79777
490440.00	3624406.00	6.75837	490450.00	3624406.00	6.65639
490460.00	3624406.00	6.51670	490210.00	3624416.00	1.83149
490220.00	3624416.00	1.98128	490230.00	3624416.00	2.15162
490240.00	3624416.00	2.33251	490250.00	3624416.00	2.54649
490370.00	3624416.00	6.81741	490380.00	3624416.00	7.16442
490390.00	3624416.00	7.46747	490400.00	3624416.00	7.70426
490410.00	3624416.00	7.85954	490420.00	3624416.00	7.93156
490430.00	3624416.00	7.91698	490440.00	3624416.00	7.81129
490450.00	3624416.00	7.61144	490460.00	3624416.00	7.36819
490210.00	3624426.00	1.94821	490220.00	3624426.00	2.12052
490230.00	3624426.00	2.31190	490240.00	3624426.00	2.53235
490250.00	3624426.00	2.79337	490370.00	3624426.00	8.22308
490380.00	3624426.00	8.64937	490390.00	3624426.00	8.99115
490400.00	3624426.00	9.23678	490410.00	3624426.00	9.36210
490420.00	3624426.00	9.36863	490430.00	3624426.00	9.25250
490440.00	3624426.00	9.03458	490450.00	3624426.00	8.72594

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: NB2 ***
INCLUDING SOURCE(S): L0000384 , L0000385 , L0000386 , L0000387 , L0000388 ,
L0000389 , L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , L0000396 ,
L0000397 , L0000398 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490460.00	3624426.00	8.33478	490210.00	3624436.00	2.06972
490220.00	3624436.00	2.26894	490230.00	3624436.00	2.49154
490240.00	3624436.00	2.75679	490250.00	3624436.00	3.07078
490370.00	3624436.00	10.07214	490380.00	3624436.00	10.58939
490390.00	3624436.00	10.96453	490400.00	3624436.00	11.18674
490410.00	3624436.00	11.23635	490420.00	3624436.00	11.12152
490430.00	3624436.00	10.82689	490440.00	3624436.00	10.44203
490450.00	3624436.00	9.96998	490460.00	3624436.00	9.40618
490210.00	3624446.00	2.19988	490220.00	3624446.00	2.42882
490230.00	3624446.00	2.69587	490240.00	3624446.00	3.01162
490250.00	3624446.00	3.38335	490370.00	3624446.00	12.58221
490380.00	3624446.00	13.17140	490390.00	3624446.00	13.55525
490400.00	3624446.00	13.69287	490410.00	3624446.00	13.57916
490420.00	3624446.00	13.23962	490430.00	3624446.00	12.70730
490440.00	3624446.00	12.05208	490450.00	3624446.00	11.32623
490460.00	3624446.00	10.53628	490210.00	3624456.00	2.32925
490220.00	3624456.00	2.58791	490230.00	3624456.00	2.88973
490240.00	3624456.00	3.26353	490250.00	3624456.00	3.71421
490370.00	3624456.00	16.08067	490380.00	3624456.00	16.75076
490390.00	3624456.00	17.03644	490400.00	3624456.00	16.93784
490410.00	3624456.00	16.51437	490420.00	3624456.00	15.81831
490430.00	3624456.00	14.89688	490440.00	3624456.00	13.86750
490450.00	3624456.00	12.78766	490460.00	3624456.00	11.67238
490210.00	3624466.00	2.45966	490220.00	3624466.00	2.75305
490230.00	3624466.00	3.10839	490240.00	3624466.00	3.54234
490250.00	3624466.00	4.08597	490370.00	3624466.00	21.03696
490380.00	3624466.00	21.66539	490390.00	3624466.00	21.54958
490400.00	3624466.00	20.85892	490410.00	3624466.00	19.83679
490420.00	3624466.00	18.59740	490430.00	3624466.00	17.17253
490440.00	3624466.00	15.72951	490450.00	3624466.00	14.19180
490460.00	3624466.00	12.70978	490210.00	3624476.00	2.58499
490220.00	3624476.00	2.91754	490230.00	3624476.00	3.33246
490240.00	3624476.00	3.83459	490250.00	3624476.00	4.46569
490370.00	3624476.00	28.17357	490380.00	3624476.00	28.38061
490390.00	3624476.00	27.55989	490400.00	3624476.00	25.91986
490410.00	3624476.00	23.27496	490420.00	3624476.00	20.99334
490430.00	3624476.00	19.04371	490440.00	3624476.00	17.06611
490450.00	3624476.00	15.21075	490460.00	3624476.00	13.41982
490210.00	3624486.00	2.70302	490220.00	3624486.00	3.07318
490230.00	3624486.00	3.53466	490240.00	3624486.00	4.12279

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: NB2 ***
INCLUDING SOURCE(S): L0000384 , L0000385 , L0000386 , L0000387 , L0000388 ,
L0000389 , L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , L0000396 ,
L0000397 , L0000398 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490250.00	3624486.00	4.84517	490380.00	3624486.00	38.57299
490390.00	3624486.00	36.31332	490400.00	3624486.00	32.29906
490410.00	3624486.00	26.23616	490420.00	3624486.00	22.88927
490430.00	3624486.00	20.03028	490440.00	3624486.00	17.55898
490450.00	3624486.00	15.38772	490460.00	3624486.00	13.67056
490210.00	3624496.00	2.81467	490220.00	3624496.00	3.22754
490230.00	3624496.00	3.72996	490240.00	3624496.00	4.39595
490250.00	3624496.00	5.21064	490390.00	3624496.00	48.77904
490400.00	3624496.00	41.52571	490410.00	3624496.00	33.49896
490420.00	3624496.00	28.18739	490430.00	3624496.00	23.54517
490440.00	3624496.00	19.48364	490450.00	3624496.00	16.38763
490460.00	3624496.00	13.88695	490210.00	3624506.00	2.90723
490220.00	3624506.00	3.35271	490230.00	3624506.00	3.91754
490240.00	3624506.00	4.62592	490250.00	3624506.00	5.54901
490400.00	3624506.00	54.72889	490410.00	3624506.00	44.35229
490420.00	3624506.00	35.58988	490430.00	3624506.00	27.96625
490440.00	3624506.00	22.64690	490450.00	3624506.00	18.30608
490460.00	3624506.00	14.83537	490210.00	3624516.00	2.97931
490220.00	3624516.00	3.45540	490230.00	3624516.00	4.03549
490240.00	3624516.00	4.79874	490250.00	3624516.00	5.80063
490410.00	3624516.00	51.35609	490420.00	3624516.00	39.14550
490430.00	3624516.00	30.11365	490440.00	3624516.00	23.89385
490450.00	3624516.00	19.21220	490460.00	3624516.00	15.48786
490210.00	3624526.00	3.02392	490220.00	3624526.00	3.51602
490230.00	3624526.00	4.12490	490240.00	3624526.00	4.90736
490250.00	3624526.00	5.95082	490410.00	3624526.00	55.92550
490420.00	3624526.00	40.92028	490430.00	3624526.00	30.70689
490440.00	3624526.00	23.96232	490450.00	3624526.00	19.08754
490460.00	3624526.00	15.22819	490210.00	3624536.00	3.03853
490220.00	3624536.00	3.52201	490230.00	3624536.00	4.15189
490240.00	3624536.00	4.92435	490250.00	3624536.00	5.98874
490410.00	3624536.00	55.37292	490420.00	3624536.00	39.52883
490430.00	3624536.00	29.51383	490440.00	3624536.00	22.99619
490450.00	3624536.00	18.47781	490460.00	3624536.00	14.86062
490210.00	3624546.00	3.02630	490220.00	3624546.00	3.49387
490230.00	3624546.00	4.09924	490240.00	3624546.00	4.87512
490250.00	3624546.00	5.92130	490410.00	3624546.00	48.80926
490420.00	3624546.00	35.55105	490430.00	3624546.00	26.97613
490440.00	3624546.00	21.25200	490450.00	3624546.00	17.15580
490460.00	3624546.00	14.12311	490210.00	3624556.00	2.98085

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: NB2 ***
INCLUDING SOURCE(S): L0000384 , L0000385 , L0000386 , L0000387 , L0000388 ,
L0000389 , L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , L0000396 ,
L0000397 , L0000398 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490220.00	3624556.00	3.44499	490230.00	3624556.00	4.03108
490240.00	3624556.00	4.78610	490250.00	3624556.00	5.78158
490410.00	3624556.00	39.65843	490420.00	3624556.00	30.35289
490430.00	3624556.00	23.76897	490440.00	3624556.00	19.10589
490450.00	3624556.00	15.65268	490460.00	3624556.00	13.01110
490210.00	3624566.00	2.92706	490220.00	3624566.00	3.37508
490230.00	3624566.00	3.93619	490240.00	3624566.00	4.65343
490250.00	3624566.00	5.58317	490260.00	3624566.00	6.80522
490270.00	3624566.00	8.51150	490280.00	3624566.00	11.01298
490290.00	3624566.00	14.66784	490300.00	3624566.00	20.33000
490310.00	3624566.00	28.29268	490320.00	3624566.00	38.75730
490330.00	3624566.00	50.24191	490340.00	3624566.00	60.37019
490350.00	3624566.00	66.49666	490360.00	3624566.00	68.28244
490370.00	3624566.00	65.85381	490380.00	3624566.00	59.58951
490390.00	3624566.00	50.01821	490400.00	3624566.00	39.85491
490410.00	3624566.00	31.42983	490420.00	3624566.00	25.20290
490430.00	3624566.00	20.40975	490440.00	3624566.00	16.80215
490450.00	3624566.00	14.00608	490460.00	3624566.00	11.84174
490210.00	3624576.00	2.82617	490220.00	3624576.00	3.23604
490230.00	3624576.00	3.76003	490240.00	3624576.00	4.39654
490250.00	3624576.00	5.24933	490260.00	3624576.00	6.33247
490270.00	3624576.00	7.76289	490280.00	3624576.00	9.84687
490290.00	3624576.00	12.72920	490300.00	3624576.00	16.57107
490310.00	3624576.00	21.87040	490320.00	3624576.00	28.19608
490330.00	3624576.00	34.51507	490340.00	3624576.00	40.11643
490350.00	3624576.00	43.71931	490360.00	3624576.00	45.08848
490370.00	3624576.00	43.97869	490380.00	3624576.00	40.69624
490390.00	3624576.00	35.77662	490400.00	3624576.00	30.22944
490410.00	3624576.00	25.06537	490420.00	3624576.00	20.87814
490430.00	3624576.00	17.42617	490440.00	3624576.00	14.67393
490450.00	3624576.00	12.45075	490460.00	3624576.00	10.67760
490210.00	3624586.00	2.71603	490220.00	3624586.00	3.10494
490230.00	3624586.00	3.56962	490240.00	3624586.00	4.14983
490250.00	3624586.00	4.88854	490260.00	3624586.00	5.85628
490270.00	3624586.00	7.10031	490280.00	3624586.00	8.83254
490290.00	3624586.00	10.95831	490300.00	3624586.00	13.79954
490310.00	3624586.00	17.14505	490320.00	3624586.00	21.17659
490330.00	3624586.00	25.04512	490340.00	3624586.00	28.31862
490350.00	3624586.00	30.54507	490360.00	3624586.00	31.58786
490370.00	3624586.00	31.21728	490380.00	3624586.00	29.53916

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: NB2 ***
INCLUDING SOURCE(S): L0000384 , L0000385 , L0000386 , L0000387 , L0000388 ,
L0000389 , L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , L0000396 ,
L0000397 , L0000398 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490390.00	3624586.00	26.82351	490400.00	3624586.00	23.54660
490410.00	3624586.00	20.27640	490420.00	3624586.00	17.46344
490430.00	3624586.00	14.95292	490440.00	3624586.00	12.83527
490450.00	3624586.00	11.06026	490460.00	3624586.00	9.60986
490210.00	3624596.00	2.60870	490220.00	3624596.00	2.96147
490230.00	3624596.00	3.38282	490240.00	3624596.00	3.91279
490250.00	3624596.00	4.54906	490260.00	3624596.00	5.38409
490270.00	3624596.00	6.44081	490280.00	3624596.00	7.81933
490290.00	3624596.00	9.39342	490300.00	3624596.00	11.47410
490310.00	3624596.00	13.73947	490320.00	3624596.00	16.37060
490330.00	3624596.00	18.92999	490340.00	3624596.00	20.96582
490350.00	3624596.00	22.45038	490360.00	3624596.00	23.29971
490370.00	3624596.00	23.30194	490380.00	3624596.00	22.46009
490390.00	3624596.00	20.86987	490400.00	3624596.00	18.79242
490410.00	3624596.00	16.64502	490420.00	3624596.00	14.65331
490430.00	3624596.00	12.82482	490440.00	3624596.00	11.21982
490450.00	3624596.00	9.83216	490460.00	3624596.00	8.65525
490210.00	3624606.00	2.48887	490220.00	3624606.00	2.79984
490230.00	3624606.00	3.17861	490240.00	3624606.00	3.63723
490250.00	3624606.00	4.22111	490260.00	3624606.00	4.92082
490270.00	3624606.00	5.79128	490280.00	3624606.00	6.88008
490290.00	3624606.00	8.12288	490300.00	3624606.00	9.60213
490310.00	3624606.00	11.21025	490320.00	3624606.00	12.98910
490330.00	3624606.00	14.76153	490340.00	3624606.00	16.15506
490350.00	3624606.00	17.21150	490360.00	3624606.00	17.93735
490370.00	3624606.00	18.12873	490380.00	3624606.00	17.73441
490390.00	3624606.00	16.77425	490400.00	3624606.00	15.30799
490410.00	3624606.00	13.86527	490420.00	3624606.00	12.46278
490430.00	3624606.00	11.11520	490440.00	3624606.00	9.88456
490450.00	3624606.00	8.78568	490460.00	3624606.00	7.82102
490210.00	3624616.00	2.36710	490220.00	3624616.00	2.64926
490230.00	3624616.00	2.98543	490240.00	3624616.00	3.39354
490250.00	3624616.00	3.90296	490260.00	3624616.00	4.49696
490270.00	3624616.00	5.21514	490280.00	3624616.00	6.09334
490290.00	3624616.00	7.04298	490300.00	3624616.00	8.11846
490310.00	3624616.00	9.31339	490320.00	3624616.00	10.59114
490330.00	3624616.00	11.84502	490340.00	3624616.00	12.81935
490350.00	3624616.00	13.66446	490360.00	3624616.00	14.25497
490370.00	3624616.00	14.50077	490380.00	3624616.00	14.31774
490390.00	3624616.00	13.70682	490400.00	3624616.00	12.68163

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: NB2 ***
INCLUDING SOURCE(S): L0000384 , L0000385 , L0000386 , L0000387 , L0000388 ,
L0000389 , L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , L0000396 ,
L0000397 , L0000398 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490410.00	3624616.00	11.68888	490420.00	3624616.00	10.71310
490430.00	3624616.00	9.71626	490440.00	3624616.00	8.76739
490450.00	3624616.00	7.88338	490460.00	3624616.00	7.08678
490307.00	3624461.00	8.61104	490317.00	3624461.00	9.93776
490307.00	3624471.00	10.57894	490317.00	3624471.00	12.49098
490307.00	3624481.00	13.19053	490317.00	3624481.00	16.05823
490307.00	3624491.00	16.70941	490317.00	3624491.00	21.33624
490307.00	3624501.00	21.43183	490317.00	3624501.00	29.33020
490307.00	3624511.00	27.65094	490317.00	3624511.00	40.91880
490307.00	3624521.00	34.18315	490317.00	3624521.00	57.41409
490276.00	3624433.00	3.88107	490286.00	3624433.00	4.27117
490296.00	3624433.00	4.72467	490276.00	3624443.00	4.36261
490286.00	3624443.00	4.87754	490296.00	3624443.00	5.46774
490276.00	3624453.00	4.96064	490286.00	3624453.00	5.65302
490296.00	3624453.00	6.42764	490276.00	3624463.00	5.64819
490286.00	3624463.00	6.53421	490296.00	3624463.00	7.61219
490276.00	3624473.00	6.43126	490286.00	3624473.00	7.56039
490296.00	3624473.00	9.11627	490276.00	3624481.00	7.13157
490286.00	3624481.00	8.51366	490296.00	3624481.00	10.50442
490276.00	3624491.00	8.09084	490286.00	3624491.00	9.94049
490296.00	3624491.00	12.65232	490276.00	3624501.00	9.06579
490286.00	3624501.00	11.57255	490296.00	3624501.00	15.33855
490276.00	3624511.00	9.92930	490286.00	3624511.00	13.13645
490296.00	3624511.00	18.36490	490276.00	3624521.00	10.63811
490286.00	3624521.00	14.45473	490296.00	3624521.00	21.19686
490279.00	3624525.00	11.84754	490289.00	3624525.00	16.62515
490299.00	3624525.00	25.19262	490309.00	3624525.00	40.06523
490319.00	3624525.00	56.35795	490279.00	3624535.00	12.13611
490289.00	3624535.00	17.30398	490299.00	3624535.00	26.59408
490309.00	3624535.00	44.11653	490319.00	3624535.00	63.86690
490279.00	3624545.00	12.15508	490289.00	3624545.00	17.18797
490299.00	3624545.00	25.87909	490309.00	3624545.00	41.72069
490319.00	3624545.00	71.13863	490298.00	3624431.00	4.70310
490298.00	3624441.00	5.42687	490308.00	3624441.00	6.06192
490318.00	3624441.00	6.74019	490298.00	3624451.00	6.37613
490308.00	3624451.00	7.21753	490318.00	3624451.00	8.20865

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: NB3 ***
INCLUDING SOURCE(S): L0000399 , L0000400 , L0000401 , L0000402 , L0000403 ,
L0000404 , L0000405 , L0000406 , L0000407 , L0000408 , L0000409 , L0000410 , L0000411 ,
L0000412 , L0000413 , L0000414 , L0000415 , L0000416 , L0000417 , L0000418 , L0000419 ,
L0000420 , L0000421 , L0000422 , L0000423 , L0000424 , L0000425 , L0000426 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624026.00	0.20276	490010.00	3624026.00	0.22360
490060.00	3624026.00	0.24592	490110.00	3624026.00	0.26933
490160.00	3624026.00	0.29293	490210.00	3624026.00	0.31559
490260.00	3624026.00	0.33866	490310.00	3624026.00	0.35789
490360.00	3624026.00	0.38076	490410.00	3624026.00	0.40141
490460.00	3624026.00	0.43291	490510.00	3624026.00	0.46429
490560.00	3624026.00	0.49178	490610.00	3624026.00	0.51380
490660.00	3624026.00	0.52840	490710.00	3624026.00	0.53267
489960.00	3624076.00	0.22830	490010.00	3624076.00	0.25546
490060.00	3624076.00	0.28496	490110.00	3624076.00	0.31699
490160.00	3624076.00	0.34993	490210.00	3624076.00	0.38261
490260.00	3624076.00	0.41552	490310.00	3624076.00	0.44389
490360.00	3624076.00	0.47667	490410.00	3624076.00	0.50952
490460.00	3624076.00	0.55631	490510.00	3624076.00	0.60058
490560.00	3624076.00	0.63611	490610.00	3624076.00	0.65943
490660.00	3624076.00	0.66780	490710.00	3624076.00	0.65985
489960.00	3624126.00	0.25741	490010.00	3624126.00	0.29229
490060.00	3624126.00	0.33262	490110.00	3624126.00	0.37732
490160.00	3624126.00	0.42506	490210.00	3624126.00	0.47313
490260.00	3624126.00	0.52331	490310.00	3624126.00	0.56813
490360.00	3624126.00	0.61590	490410.00	3624126.00	0.67055
490460.00	3624126.00	0.74346	490510.00	3624126.00	0.80340
490560.00	3624126.00	0.84460	490610.00	3624126.00	0.86081
490660.00	3624126.00	0.84994	490710.00	3624126.00	0.81641
489960.00	3624176.00	0.29041	490010.00	3624176.00	0.33597
490060.00	3624176.00	0.39101	490110.00	3624176.00	0.45497
490160.00	3624176.00	0.52655	490210.00	3624176.00	0.60258
490260.00	3624176.00	0.67979	490310.00	3624176.00	0.74741
490360.00	3624176.00	0.82688	490410.00	3624176.00	0.92428
490460.00	3624176.00	1.04278	490510.00	3624176.00	1.11817
490560.00	3624176.00	1.14999	490610.00	3624176.00	1.13490
490660.00	3624176.00	1.08019	490710.00	3624176.00	1.00001
489960.00	3624226.00	0.32686	490010.00	3624226.00	0.38661
490060.00	3624226.00	0.46219	490110.00	3624226.00	0.55538
490160.00	3624226.00	0.66574	490210.00	3624226.00	0.79191
490260.00	3624226.00	0.92523	490310.00	3624226.00	1.04746
490360.00	3624226.00	1.19622	490410.00	3624226.00	1.38997
490460.00	3624226.00	1.54361	490510.00	3624226.00	1.61564
490560.00	3624226.00	1.59111	490610.00	3624226.00	1.49367
490660.00	3624226.00	1.35497	490710.00	3624226.00	1.19888

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: NB3 ***
INCLUDING SOURCE(S): L0000399 , L0000400 , L0000401 , L0000402 , L0000403 ,
L0000404 , L0000405 , L0000406 , L0000407 , L0000408 , L0000409 , L0000410 , L0000411 ,
L0000412 , L0000413 , L0000414 , L0000415 , L0000416 , L0000417 , L0000418 , L0000419 ,
L0000420 , L0000421 , L0000422 , L0000423 , L0000424 , L0000425 , L0000426 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624276.00	0.36554	490010.00	3624276.00	0.44297
490060.00	3624276.00	0.54690	490110.00	3624276.00	0.68330
490160.00	3624276.00	0.85875	490210.00	3624276.00	1.08054
490260.00	3624276.00	1.33370	490310.00	3624276.00	1.60516
490360.00	3624276.00	1.90197	490410.00	3624276.00	2.26486
490460.00	3624276.00	2.42773	490510.00	3624276.00	2.39127
490560.00	3624276.00	2.19405	490610.00	3624276.00	1.92446
490660.00	3624276.00	1.64365	490710.00	3624276.00	1.38681
489960.00	3624326.00	0.40286	490010.00	3624326.00	0.50103
490060.00	3624326.00	0.64132	490110.00	3624326.00	0.84017
490160.00	3624326.00	1.12460	490210.00	3624326.00	1.54057
490260.00	3624326.00	2.09376	490310.00	3624326.00	2.76261
490360.00	3624326.00	3.51543	490410.00	3624326.00	4.12203
490460.00	3624326.00	4.00912	490510.00	3624326.00	3.52666
490560.00	3624326.00	2.92449	490610.00	3624326.00	2.36274
490660.00	3624326.00	1.89182	490710.00	3624326.00	1.52556
489960.00	3624376.00	0.43698	490010.00	3624376.00	0.55792
490060.00	3624376.00	0.73842	490110.00	3624376.00	1.01864
490160.00	3624376.00	1.47917	490410.00	3624376.00	8.41102
490460.00	3624376.00	6.56188	490510.00	3624376.00	4.91004
490560.00	3624376.00	3.62468	490610.00	3624376.00	2.69523
490660.00	3624376.00	2.03834	490710.00	3624376.00	1.57587
489960.00	3624426.00	0.46194	490010.00	3624426.00	0.59983
490060.00	3624426.00	0.81336	490110.00	3624426.00	1.17126
490160.00	3624426.00	1.80983	490410.00	3624426.00	16.27195
490460.00	3624426.00	9.56333	490510.00	3624426.00	5.98453
490560.00	3624426.00	4.03017	490610.00	3624426.00	2.79074
490660.00	3624426.00	2.02420	490710.00	3624426.00	1.51670
489960.00	3624476.00	0.47304	490010.00	3624476.00	0.62189
490060.00	3624476.00	0.85162	490110.00	3624476.00	1.25439
490160.00	3624476.00	1.99336	490410.00	3624476.00	22.89754
490460.00	3624476.00	11.11062	490510.00	3624476.00	6.16710
490560.00	3624476.00	3.91510	490610.00	3624476.00	2.59829
490660.00	3624476.00	1.84723	490710.00	3624476.00	1.36840
489960.00	3624526.00	0.47074	490010.00	3624526.00	0.60561
490060.00	3624526.00	0.83862	490110.00	3624526.00	1.22539
490160.00	3624526.00	1.94635	490410.00	3624526.00	33.21476
490460.00	3624526.00	10.22742	490510.00	3624526.00	5.11586
490560.00	3624526.00	3.31696	490610.00	3624526.00	2.21738
490660.00	3624526.00	1.57673	490710.00	3624526.00	1.18133

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: NB3 ***
INCLUDING SOURCE(S): L0000399 , L0000400 , L0000401 , L0000402 , L0000403 ,
L0000404 , L0000405 , L0000406 , L0000407 , L0000408 , L0000409 , L0000410 , L0000411 ,
L0000412 , L0000413 , L0000414 , L0000415 , L0000416 , L0000417 , L0000418 , L0000419 ,
L0000420 , L0000421 , L0000422 , L0000423 , L0000424 , L0000425 , L0000426 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624576.00	0.42921	490010.00	3624576.00	0.55537
490060.00	3624576.00	0.74321	490110.00	3624576.00	1.08649
490160.00	3624576.00	1.71424	490210.00	3624576.00	2.97511
490260.00	3624576.00	6.14691	490310.00	3624576.00	14.73373
490360.00	3624576.00	21.98525	490410.00	3624576.00	14.21026
490460.00	3624576.00	7.06166	490510.00	3624576.00	3.73013
490560.00	3624576.00	2.45644	490610.00	3624576.00	1.82478
490660.00	3624576.00	1.32779	490710.00	3624576.00	1.01039
489960.00	3624626.00	0.39822	490010.00	3624626.00	0.50516
490060.00	3624626.00	0.65596	490110.00	3624626.00	0.95544
490160.00	3624626.00	1.39758	490210.00	3624626.00	2.16590
490260.00	3624626.00	3.60059	490310.00	3624626.00	5.76507
490360.00	3624626.00	7.35933	490410.00	3624626.00	6.38912
490460.00	3624626.00	4.48059	490510.00	3624626.00	2.98860
490560.00	3624626.00	1.93151	490610.00	3624626.00	1.49477
490660.00	3624626.00	1.14212	490710.00	3624626.00	0.88243
489960.00	3624676.00	0.36706	490010.00	3624676.00	0.46668
490060.00	3624676.00	0.61520	490110.00	3624676.00	0.81311
490160.00	3624676.00	1.10896	490210.00	3624676.00	1.58280
490260.00	3624676.00	2.29676	490310.00	3624676.00	3.14393
490360.00	3624676.00	3.73005	490410.00	3624676.00	3.54225
490460.00	3624676.00	2.76598	490510.00	3624676.00	2.14135
490560.00	3624676.00	1.60955	490610.00	3624676.00	1.18559
490660.00	3624676.00	0.99205	490710.00	3624676.00	0.78946
489960.00	3624726.00	0.35057	490010.00	3624726.00	0.43330
490060.00	3624726.00	0.53593	490110.00	3624726.00	0.67872
490160.00	3624726.00	0.88471	490210.00	3624726.00	1.18964
490260.00	3624726.00	1.58930	490310.00	3624726.00	1.98508
490360.00	3624726.00	2.25894	490410.00	3624726.00	2.24676
490460.00	3624726.00	2.04524	490510.00	3624726.00	1.72445
490560.00	3624726.00	1.38379	490610.00	3624726.00	1.01125
490660.00	3624726.00	0.80938	490710.00	3624726.00	0.70953
489960.00	3624776.00	0.32173	490010.00	3624776.00	0.38329
490060.00	3624776.00	0.46355	490110.00	3624776.00	0.57239
490160.00	3624776.00	0.72016	490210.00	3624776.00	0.91653
490260.00	3624776.00	1.14867	490310.00	3624776.00	1.37789
490360.00	3624776.00	1.53667	490410.00	3624776.00	1.57135
490460.00	3624776.00	1.49250	490510.00	3624776.00	1.32537
490560.00	3624776.00	1.12631	490610.00	3624776.00	0.93166
490660.00	3624776.00	0.70962	490710.00	3624776.00	0.59082

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: NB3 ***
INCLUDING SOURCE(S): L0000399 , L0000400 , L0000401 , L0000402 , L0000403 ,
L0000404 , L0000405 , L0000406 , L0000407 , L0000408 , L0000409 , L0000410 , L0000411 ,
L0000412 , L0000413 , L0000414 , L0000415 , L0000416 , L0000417 , L0000418 , L0000419 ,
L0000420 , L0000421 , L0000422 , L0000423 , L0000424 , L0000425 , L0000426 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624826.00	0.28668	490010.00	3624826.00	0.33650
490060.00	3624826.00	0.39958	490110.00	3624826.00	0.47923
490160.00	3624826.00	0.58865	490210.00	3624826.00	0.71809
490260.00	3624826.00	0.86904	490310.00	3624826.00	1.01071
490360.00	3624826.00	1.11147	490410.00	3624826.00	1.14760
490460.00	3624826.00	1.11669	490510.00	3624826.00	1.03167
490560.00	3624826.00	0.91690	490610.00	3624826.00	0.79330
490660.00	3624826.00	0.66343	490710.00	3624826.00	0.52599
489960.00	3624876.00	0.25728	490010.00	3624876.00	0.29650
490060.00	3624876.00	0.34685	490110.00	3624876.00	0.41074
490160.00	3624876.00	0.48931	490210.00	3624876.00	0.58123
490260.00	3624876.00	0.68192	490310.00	3624876.00	0.77469
490360.00	3624876.00	0.84169	490410.00	3624876.00	0.87197
490460.00	3624876.00	0.86233	490510.00	3624876.00	0.81812
490560.00	3624876.00	0.74977	490610.00	3624876.00	0.66989
490660.00	3624876.00	0.58284	490710.00	3624876.00	0.47505
490210.00	3624326.00	1.54057	490220.00	3624326.00	1.62996
490230.00	3624326.00	1.72977	490240.00	3624326.00	1.83766
490250.00	3624326.00	1.96588	490260.00	3624326.00	2.09376
490270.00	3624326.00	2.20953	490280.00	3624326.00	2.32763
490290.00	3624326.00	2.45562	490300.00	3624326.00	2.60234
490310.00	3624326.00	2.76261	490320.00	3624326.00	2.89464
490330.00	3624326.00	3.04164	490340.00	3624326.00	3.19766
490350.00	3624326.00	3.37050	490360.00	3624326.00	3.51543
490370.00	3624326.00	3.68601	490380.00	3624326.00	3.85895
490390.00	3624326.00	3.99107	490400.00	3624326.00	4.07346
490410.00	3624326.00	4.12203	490420.00	3624326.00	4.13736
490430.00	3624326.00	4.14021	490440.00	3624326.00	4.11811
490450.00	3624326.00	4.07154	490460.00	3624326.00	4.00912
490210.00	3624336.00	1.66235	490220.00	3624336.00	1.76490
490230.00	3624336.00	1.88075	490240.00	3624336.00	2.00873
490250.00	3624336.00	2.16542	490260.00	3624336.00	2.31927
490270.00	3624336.00	2.45728	490280.00	3624336.00	2.60314
490290.00	3624336.00	2.76645	490300.00	3624336.00	2.95029
490310.00	3624336.00	3.14683	490320.00	3624336.00	3.30770
490330.00	3624336.00	3.48767	490340.00	3624336.00	3.68231
490350.00	3624336.00	3.90684	490360.00	3624336.00	4.08795
490370.00	3624336.00	4.28305	490380.00	3624336.00	4.47254
490390.00	3624336.00	4.61598	490400.00	3624336.00	4.69107
490410.00	3624336.00	4.71863	490420.00	3624336.00	4.70913

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: NB3 ***
INCLUDING SOURCE(S): L0000399 , L0000400 , L0000401 , L0000402 , L0000403 ,
L0000404 , L0000405 , L0000406 , L0000407 , L0000408 , L0000409 , L0000410 , L0000411 ,
L0000412 , L0000413 , L0000414 , L0000415 , L0000416 , L0000417 , L0000418 , L0000419 ,
L0000420 , L0000421 , L0000422 , L0000423 , L0000424 , L0000425 , L0000426 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490430.00	3624336.00	4.68281	490440.00	3624336.00	4.62400
490450.00	3624336.00	4.54052	490460.00	3624336.00	4.44138
490210.00	3624346.00	1.79787	490220.00	3624346.00	1.91980
490230.00	3624346.00	2.05885	490240.00	3624346.00	2.21190
490250.00	3624346.00	2.39454	490260.00	3624346.00	2.58234
490270.00	3624346.00	2.74978	490280.00	3624346.00	2.93895
490290.00	3624346.00	3.14655	490300.00	3624346.00	3.37660
490310.00	3624346.00	3.62408	490320.00	3624346.00	3.83114
490330.00	3624346.00	4.06122	490340.00	3624346.00	4.30244
490350.00	3624346.00	4.58391	490360.00	3624346.00	4.81299
490370.00	3624346.00	5.03611	490380.00	3624346.00	5.24498
490390.00	3624346.00	5.38337	490400.00	3624346.00	5.43382
490410.00	3624346.00	5.42505	490420.00	3624346.00	5.37758
490430.00	3624346.00	5.30317	490440.00	3624346.00	5.19553
490450.00	3624346.00	5.06422	490460.00	3624346.00	4.91828
490210.00	3624356.00	1.94259	490220.00	3624356.00	2.09574
490230.00	3624356.00	2.26547	490240.00	3624356.00	2.45130
490250.00	3624356.00	2.66159	490260.00	3624356.00	2.89089
490270.00	3624356.00	3.11569	490280.00	3624356.00	3.36532
490290.00	3624356.00	3.63173	490300.00	3624356.00	3.91773
490310.00	3624356.00	4.21795	490320.00	3624356.00	4.50142
490330.00	3624356.00	4.80059	490340.00	3624356.00	5.11461
490350.00	3624356.00	5.44755	490360.00	3624356.00	5.74305
490370.00	3624356.00	6.00317	490380.00	3624356.00	6.22056
490390.00	3624356.00	6.33018	490400.00	3624356.00	6.33514
490410.00	3624356.00	6.26627	490420.00	3624356.00	6.15713
490430.00	3624356.00	6.01023	490440.00	3624356.00	5.83489
490450.00	3624356.00	5.64107	490460.00	3624356.00	5.43533
490210.00	3624366.00	2.09552	490220.00	3624366.00	2.28220
490230.00	3624366.00	2.48780	490240.00	3624366.00	2.71542
490250.00	3624366.00	2.97689	490370.00	3624366.00	7.26329
490380.00	3624366.00	7.45237	490390.00	3624366.00	7.50304
490400.00	3624366.00	7.42198	490410.00	3624366.00	7.26119
490420.00	3624366.00	7.04932	490430.00	3624366.00	6.80423
490440.00	3624366.00	6.54069	490450.00	3624366.00	6.26678
490460.00	3624366.00	5.98680	490210.00	3624376.00	2.27296
490220.00	3624376.00	2.48402	490230.00	3624376.00	2.72726
490240.00	3624376.00	3.00030	490250.00	3624376.00	3.32923
490370.00	3624376.00	8.91441	490380.00	3624376.00	9.03058
490390.00	3624376.00	8.95604	490400.00	3624376.00	8.72514

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: NB3 ***
INCLUDING SOURCE(S): L0000399 , L0000400 , L0000401 , L0000402 , L0000403 ,
L0000404 , L0000405 , L0000406 , L0000407 , L0000408 , L0000409 , L0000410 , L0000411 ,
L0000412 , L0000413 , L0000414 , L0000415 , L0000416 , L0000417 , L0000418 , L0000419 ,
L0000420 , L0000421 , L0000422 , L0000423 , L0000424 , L0000425 , L0000426 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490410.00	3624376.00	8.41102	490420.00	3624376.00	8.05993
490430.00	3624376.00	7.68182	490440.00	3624376.00	7.30153
490450.00	3624376.00	6.93009	490460.00	3624376.00	6.56188
490210.00	3624386.00	2.44044	490220.00	3624386.00	2.67229
490230.00	3624386.00	2.95659	490240.00	3624386.00	3.28203
490250.00	3624386.00	3.67121	490370.00	3624386.00	11.12350
490380.00	3624386.00	11.05208	490390.00	3624386.00	10.74918
490400.00	3624386.00	10.27651	490410.00	3624386.00	9.73844
490420.00	3624386.00	9.19955	490430.00	3624386.00	8.65134
490440.00	3624386.00	8.10894	490450.00	3624386.00	7.62172
490460.00	3624386.00	7.15649	490210.00	3624396.00	2.62396
490220.00	3624396.00	2.90296	490230.00	3624396.00	3.23783
490240.00	3624396.00	3.62596	490250.00	3624396.00	4.10935
490370.00	3624396.00	14.16514	490380.00	3624396.00	13.65463
490390.00	3624396.00	12.92192	490400.00	3624396.00	12.07408
490410.00	3624396.00	11.23727	490420.00	3624396.00	10.43730
490430.00	3624396.00	9.69107	490440.00	3624396.00	8.96945
490450.00	3624396.00	8.33661	490460.00	3624396.00	7.76235
490210.00	3624406.00	2.81403	490220.00	3624406.00	3.14324
490230.00	3624406.00	3.54061	490240.00	3624406.00	3.99776
490250.00	3624406.00	4.60848	490370.00	3624406.00	18.25468
490380.00	3624406.00	16.92071	490390.00	3624406.00	15.47707
490400.00	3624406.00	14.09923	490410.00	3624406.00	12.86103
490420.00	3624406.00	11.75320	490430.00	3624406.00	10.78307
490440.00	3624406.00	9.88303	490450.00	3624406.00	9.07300
490460.00	3624406.00	8.36561	490210.00	3624416.00	3.00556
490220.00	3624416.00	3.39045	490230.00	3624416.00	3.87110
490240.00	3624416.00	4.42942	490250.00	3624416.00	5.17913
490370.00	3624416.00	23.49580	490380.00	3624416.00	20.76752
490390.00	3624416.00	18.31073	490400.00	3624416.00	16.26571
490410.00	3624416.00	14.55383	490420.00	3624416.00	13.12002
490430.00	3624416.00	11.89373	490440.00	3624416.00	10.81032
490450.00	3624416.00	9.82094	490460.00	3624416.00	8.96632
490210.00	3624426.00	3.18910	490220.00	3624426.00	3.63125
490230.00	3624426.00	4.16972	490240.00	3624426.00	4.86658
490250.00	3624426.00	5.81882	490370.00	3624426.00	29.54831
490380.00	3624426.00	24.83989	490390.00	3624426.00	21.21741
490400.00	3624426.00	18.46235	490410.00	3624426.00	16.27195
490420.00	3624426.00	14.49441	490430.00	3624426.00	12.99321
490440.00	3624426.00	11.71038	490450.00	3624426.00	10.58313

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: NB3 ***
INCLUDING SOURCE(S): L0000399 , L0000400 , L0000401 , L0000402 , L0000403 ,
L0000404 , L0000405 , L0000406 , L0000407 , L0000408 , L0000409 , L0000410 , L0000411 ,
L0000412 , L0000413 , L0000414 , L0000415 , L0000416 , L0000417 , L0000418 , L0000419 ,
L0000420 , L0000421 , L0000422 , L0000423 , L0000424 , L0000425 , L0000426 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490460.00	3624426.00	9.56333	490210.00	3624436.00	3.36418
490220.00	3624436.00	3.87026	490230.00	3624436.00	4.49363
490240.00	3624436.00	5.34188	490250.00	3624436.00	6.51757
490370.00	3624436.00	35.20398	490380.00	3624436.00	28.65601
490390.00	3624436.00	23.98352	490400.00	3624436.00	20.57368
490410.00	3624436.00	17.94151	490420.00	3624436.00	15.83578
490430.00	3624436.00	14.03872	490440.00	3624436.00	12.56227
490450.00	3624436.00	11.28845	490460.00	3624436.00	10.13169
490210.00	3624446.00	3.53982	490220.00	3624446.00	4.10949
490230.00	3624446.00	4.85205	490240.00	3624446.00	5.85963
490250.00	3624446.00	7.26008	490370.00	3624446.00	39.59234
490380.00	3624446.00	31.82571	490390.00	3624446.00	26.49298
490400.00	3624446.00	22.57066	490410.00	3624446.00	19.54041
490420.00	3624446.00	17.10749	490430.00	3624446.00	15.07750
490440.00	3624446.00	13.36949	490450.00	3624446.00	11.91323
490460.00	3624446.00	10.61925	490210.00	3624456.00	3.68601
490220.00	3624456.00	4.30483	490230.00	3624456.00	5.10813
490240.00	3624456.00	6.26152	490250.00	3624456.00	7.91852
490370.00	3624456.00	42.99752	490380.00	3624456.00	34.86378
490390.00	3624456.00	28.94781	490400.00	3624456.00	24.51537
490410.00	3624456.00	21.10939	490420.00	3624456.00	18.37372
490430.00	3624456.00	16.06980	490440.00	3624456.00	14.13169
490450.00	3624456.00	12.46935	490460.00	3624456.00	10.99494
490210.00	3624466.00	3.80886	490220.00	3624466.00	4.47744
490230.00	3624466.00	5.38237	490240.00	3624466.00	6.65121
490250.00	3624466.00	8.54742	490370.00	3624466.00	46.32961
490380.00	3624466.00	37.85484	490390.00	3624466.00	31.14152
490400.00	3624466.00	26.07042	490410.00	3624466.00	22.26615
490420.00	3624466.00	19.28036	490430.00	3624466.00	16.77823
490440.00	3624466.00	14.70483	490450.00	3624466.00	12.82948
490460.00	3624466.00	11.20239	490210.00	3624476.00	3.89439
490220.00	3624476.00	4.60906	490230.00	3624476.00	5.60470
490240.00	3624476.00	6.96758	490250.00	3624476.00	8.97869
490370.00	3624476.00	50.93129	490380.00	3624476.00	41.02996
490390.00	3624476.00	33.53801	490400.00	3624476.00	27.86265
490410.00	3624476.00	22.89754	490420.00	3624476.00	19.43115
490430.00	3624476.00	16.88417	490440.00	3624476.00	14.67150
490450.00	3624476.00	12.79171	490460.00	3624476.00	11.11062
490210.00	3624486.00	3.94336	490220.00	3624486.00	4.68421
490230.00	3624486.00	5.70046	490240.00	3624486.00	7.15984

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: NB3 ***
INCLUDING SOURCE(S): L0000399 , L0000400 , L0000401 , L0000402 , L0000403 ,
L0000404 , L0000405 , L0000406 , L0000407 , L0000408 , L0000409 , L0000410 , L0000411 ,
L0000412 , L0000413 , L0000414 , L0000415 , L0000416 , L0000417 , L0000418 , L0000419 ,
L0000420 , L0000421 , L0000422 , L0000423 , L0000424 , L0000425 , L0000426 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490250.00	3624486.00	9.20874	490380.00	3624486.00	45.65898
490390.00	3624486.00	37.05052	490400.00	3624486.00	29.87539
490410.00	3624486.00	22.81759	490420.00	3624486.00	19.10806
490430.00	3624486.00	16.27060	490440.00	3624486.00	14.00996
490450.00	3624486.00	12.13907	490460.00	3624486.00	10.70694
490210.00	3624496.00	3.96619	490220.00	3624496.00	4.73491
490230.00	3624496.00	5.73926	490240.00	3624496.00	7.22408
490250.00	3624496.00	9.24474	490390.00	3624496.00	41.69673
490400.00	3624496.00	33.33567	490410.00	3624496.00	25.91959
490420.00	3624496.00	21.33330	490430.00	3624496.00	17.61627
490440.00	3624496.00	14.51660	490450.00	3624496.00	12.20496
490460.00	3624496.00	10.36570	490210.00	3624506.00	3.94252
490220.00	3624506.00	4.70448	490230.00	3624506.00	5.73632
490240.00	3624506.00	7.12571	490250.00	3624506.00	9.10851
490400.00	3624506.00	38.81017	490410.00	3624506.00	30.91780
490420.00	3624506.00	24.66041	490430.00	3624506.00	19.42509
490440.00	3624506.00	15.83632	490450.00	3624506.00	12.92781
490460.00	3624506.00	10.59872	490210.00	3624516.00	3.88188
490220.00	3624516.00	4.62976	490230.00	3624516.00	5.57298
490240.00	3624516.00	6.89069	490250.00	3624516.00	8.72966
490410.00	3624516.00	32.80214	490420.00	3624516.00	25.22726
490430.00	3624516.00	19.69246	490440.00	3624516.00	15.88690
490450.00	3624516.00	12.99906	490460.00	3624516.00	10.66969
490210.00	3624526.00	3.78217	490220.00	3624526.00	4.48898
490230.00	3624526.00	5.38199	490240.00	3624526.00	6.56262
490250.00	3624526.00	8.19186	490410.00	3624526.00	33.21476
490420.00	3624526.00	24.88799	490430.00	3624526.00	19.16546
490440.00	3624526.00	15.33778	490450.00	3624526.00	12.51624
490460.00	3624526.00	10.22742	490210.00	3624536.00	3.65037
490220.00	3624536.00	4.28174	490230.00	3624536.00	5.12117
490240.00	3624536.00	6.14467	490250.00	3624536.00	7.57515
490410.00	3624536.00	31.21836	490420.00	3624536.00	23.11170
490430.00	3624536.00	17.85844	490440.00	3624536.00	14.35547
490450.00	3624536.00	11.86144	490460.00	3624536.00	9.80132
490210.00	3624546.00	3.50052	490220.00	3624546.00	4.06052
490230.00	3624546.00	4.79035	490240.00	3624546.00	5.71696
490250.00	3624546.00	6.94816	490410.00	3624546.00	26.94142
490420.00	3624546.00	20.41198	490430.00	3624546.00	16.08112
490440.00	3624546.00	13.10502	490450.00	3624546.00	10.90607
490460.00	3624546.00	9.22593	490210.00	3624556.00	3.32785

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: NB3 ***
INCLUDING SOURCE(S): L0000399 , L0000400 , L0000401 , L0000402 , L0000403 ,
L0000404 , L0000405 , L0000406 , L0000407 , L0000408 , L0000409 , L0000410 , L0000411 ,
L0000412 , L0000413 , L0000414 , L0000415 , L0000416 , L0000417 , L0000418 , L0000419 ,
L0000420 , L0000421 , L0000422 , L0000423 , L0000424 , L0000425 , L0000426 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490220.00	3624556.00	3.84976	490230.00	3624556.00	4.50118
490240.00	3624556.00	5.32205	490250.00	3624556.00	6.36560
490410.00	3624556.00	21.81024	490420.00	3624556.00	17.39397
490430.00	3624556.00	14.14701	490440.00	3624556.00	11.76424
490450.00	3624556.00	9.93713	490460.00	3624556.00	8.49146
490210.00	3624566.00	3.17088	490220.00	3624566.00	3.64542
490230.00	3624566.00	4.22582	490240.00	3624566.00	4.94168
490250.00	3624566.00	5.82150	490260.00	3624566.00	6.90669
490270.00	3624566.00	8.28380	490280.00	3624566.00	10.06508
490290.00	3624566.00	12.34994	490300.00	3624566.00	15.39751
490310.00	3624566.00	19.07886	490320.00	3624566.00	23.11166
490330.00	3624566.00	26.56286	490340.00	3624566.00	29.10864
490350.00	3624566.00	30.43750	490360.00	3624566.00	30.66770
490370.00	3624566.00	29.83858	490380.00	3624566.00	27.99747
490390.00	3624566.00	24.92780	490400.00	3624566.00	21.08644
490410.00	3624566.00	17.46780	490420.00	3624566.00	14.58525
490430.00	3624566.00	12.25148	490440.00	3624566.00	10.41915
490450.00	3624566.00	8.94489	490460.00	3624566.00	7.76427
490210.00	3624576.00	2.97511	490220.00	3624576.00	3.38600
490230.00	3624576.00	3.89998	490240.00	3624576.00	4.49688
490250.00	3624576.00	5.25264	490260.00	3624576.00	6.14691
490270.00	3624576.00	7.22891	490280.00	3624576.00	8.61864
490290.00	3624576.00	10.32384	490300.00	3624576.00	12.33920
490310.00	3624576.00	14.73373	490320.00	3624576.00	17.19101
490330.00	3624576.00	19.26774	490340.00	3624576.00	20.88210
490350.00	3624576.00	21.76221	490360.00	3624576.00	21.98525
490370.00	3624576.00	21.50882	490380.00	3624576.00	20.36949
490390.00	3624576.00	18.60756	490400.00	3624576.00	16.42119
490410.00	3624576.00	14.21026	490420.00	3624576.00	12.28449
490430.00	3624576.00	10.60706	490440.00	3624576.00	9.20763
490450.00	3624576.00	8.03214	490460.00	3624576.00	7.06166
490210.00	3624586.00	2.79147	490220.00	3624586.00	3.16718
490230.00	3624586.00	3.59975	490240.00	3624586.00	4.11779
490250.00	3624586.00	4.73927	490260.00	3624586.00	5.49292
490270.00	3624586.00	6.37816	490280.00	3624586.00	7.47698
490290.00	3624586.00	8.70858	490300.00	3624586.00	10.16724
490310.00	3624586.00	11.69921	490320.00	3624586.00	13.31662
490330.00	3624586.00	14.69575	490340.00	3624586.00	15.72924
490350.00	3624586.00	16.34289	490360.00	3624586.00	16.55574
490370.00	3624586.00	16.31328	490380.00	3624586.00	15.64043

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: NB3 ***
INCLUDING SOURCE(S): L0000399 , L0000400 , L0000401 , L0000402 , L0000403 ,
L0000404 , L0000405 , L0000406 , L0000407 , L0000408 , L0000409 , L0000410 , L0000411 ,
L0000412 , L0000413 , L0000414 , L0000415 , L0000416 , L0000417 , L0000418 , L0000419 ,
L0000420 , L0000421 , L0000422 , L0000423 , L0000424 , L0000425 , L0000426 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490390.00	3624586.00	14.57442	490400.00	3624586.00	13.20786
490410.00	3624586.00	11.77688	490420.00	3624586.00	10.47211
490430.00	3624586.00	9.24573	490440.00	3624586.00	8.16437
490450.00	3624586.00	7.22063	490460.00	3624586.00	6.42207
490210.00	3624596.00	2.62980	490220.00	3624596.00	2.95740
490230.00	3624596.00	3.33415	490240.00	3624596.00	3.78624
490250.00	3624596.00	4.29937	490260.00	3624596.00	4.92221
490270.00	3624596.00	5.64434	490280.00	3624596.00	6.49877
490290.00	3624596.00	7.40726	490300.00	3624596.00	8.47579
490310.00	3624596.00	9.54037	490320.00	3624596.00	10.64149
490330.00	3624596.00	11.61217	490340.00	3624596.00	12.31317
490350.00	3624596.00	12.76698	490360.00	3624596.00	12.97520
490370.00	3624596.00	12.88370	490380.00	3624596.00	12.49247
490390.00	3624596.00	11.81392	490400.00	3624596.00	10.89345
490410.00	3624596.00	9.91997	490420.00	3624596.00	8.97677
490430.00	3624596.00	8.07153	490440.00	3624596.00	7.24350
490450.00	3624596.00	6.50005	490460.00	3624596.00	5.84769
490210.00	3624606.00	2.46777	490220.00	3624606.00	2.74711
490230.00	3624606.00	3.07616	490240.00	3624606.00	3.45660
490250.00	3624606.00	3.91007	490260.00	3624606.00	4.41824
490270.00	3624606.00	5.00153	490280.00	3624606.00	5.67105
490290.00	3624606.00	6.38342	490300.00	3624606.00	7.15854
490310.00	3624606.00	7.93603	490320.00	3624606.00	8.71509
490330.00	3624606.00	9.42507	490340.00	3624606.00	9.94142
490350.00	3624606.00	10.30484	490360.00	3624606.00	10.50660
490370.00	3624606.00	10.51096	490380.00	3624606.00	10.28901
490390.00	3624606.00	9.84226	490400.00	3624606.00	9.15990
490410.00	3624606.00	8.47764	490420.00	3624606.00	7.79505
490430.00	3624606.00	7.11575	490440.00	3624606.00	6.47296
490450.00	3624606.00	5.87895	490460.00	3624606.00	5.34042
490210.00	3624616.00	2.31498	490220.00	3624616.00	2.56229
490230.00	3624616.00	2.84667	490240.00	3624616.00	3.17570
490250.00	3624616.00	3.56078	490260.00	3624616.00	3.98293
490270.00	3624616.00	4.45857	490280.00	3624616.00	4.99557
490290.00	3624616.00	5.54591	490300.00	3624616.00	6.12463
490310.00	3624616.00	6.71792	490320.00	3624616.00	7.30065
490330.00	3624616.00	7.82756	490340.00	3624616.00	8.21952
490350.00	3624616.00	8.53054	490360.00	3624616.00	8.71403
490370.00	3624616.00	8.75837	490380.00	3624616.00	8.62654
490390.00	3624616.00	8.31809	490400.00	3624616.00	7.81803

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: NB3 ***
INCLUDING SOURCE(S): L0000399 , L0000400 , L0000401 , L0000402 , L0000403 ,
L0000404 , L0000405 , L0000406 , L0000407 , L0000408 , L0000409 , L0000410 , L0000411 ,
L0000412 , L0000413 , L0000414 , L0000415 , L0000416 , L0000417 , L0000418 , L0000419 ,
L0000420 , L0000421 , L0000422 , L0000423 , L0000424 , L0000425 , L0000426 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490410.00	3624616.00	7.32693	490420.00	3624616.00	6.83729
490430.00	3624616.00	6.32380	490440.00	3624616.00	5.82062
490450.00	3624616.00	5.33741	490460.00	3624616.00	4.88883
490307.00	3624461.00	40.55427	490317.00	3624461.00	46.81508
490307.00	3624471.00	34.37514	490317.00	3624471.00	45.56395
490307.00	3624481.00	42.27149	490317.00	3624481.00	55.61416
490307.00	3624491.00	44.27915	490317.00	3624491.00	54.30098
490307.00	3624501.00	43.21320	490317.00	3624501.00	53.88757
490307.00	3624511.00	38.89384	490317.00	3624511.00	53.95428
490307.00	3624521.00	37.07362	490317.00	3624521.00	48.99433
490276.00	3624433.00	10.94044	490286.00	3624433.00	13.77562
490296.00	3624433.00	17.84245	490276.00	3624443.00	13.00441
490286.00	3624443.00	17.40930	490296.00	3624443.00	23.95013
490276.00	3624453.00	15.59317	490286.00	3624453.00	22.66698
490296.00	3624453.00	26.67530	490276.00	3624463.00	17.95628
490286.00	3624463.00	27.46497	490296.00	3624463.00	28.22958
490276.00	3624473.00	19.51243	490286.00	3624473.00	29.80144
490296.00	3624473.00	27.17241	490276.00	3624481.00	20.17285
490286.00	3624481.00	29.91659	490296.00	3624481.00	33.34544
490276.00	3624491.00	20.68204	490286.00	3624491.00	30.63069
490296.00	3624491.00	34.92248	490276.00	3624501.00	20.71131
490286.00	3624501.00	26.67356	490296.00	3624501.00	34.28529
490276.00	3624511.00	19.59421	490286.00	3624511.00	30.58595
490296.00	3624511.00	31.50150	490276.00	3624521.00	17.61702
490286.00	3624521.00	25.89172	490296.00	3624521.00	30.88341
490279.00	3624525.00	18.50704	490289.00	3624525.00	26.76743
490299.00	3624525.00	31.36258	490309.00	3624525.00	42.68602
490319.00	3624525.00	39.76069	490279.00	3624535.00	15.74147
490289.00	3624535.00	21.36980	490299.00	3624535.00	28.99941
490309.00	3624535.00	40.15415	490319.00	3624535.00	36.56109
490279.00	3624545.00	13.55623	490289.00	3624545.00	17.66633
490299.00	3624545.00	23.53472	490309.00	3624545.00	32.66997
490319.00	3624545.00	32.39019	490298.00	3624431.00	17.92020
490298.00	3624441.00	23.95339	490308.00	3624441.00	32.56130
490318.00	3624441.00	36.58098	490298.00	3624451.00	27.22534
490308.00	3624451.00	28.00667	490318.00	3624451.00	38.83573

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000016 , L0000017 ,
L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 ,
L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 , L0000033 ,
L0000034 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 , L0000486 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624026.00	5.86797	490010.00	3624026.00	6.63894
490060.00	3624026.00	7.31293	490110.00	3624026.00	7.91305
490160.00	3624026.00	8.43208	490210.00	3624026.00	8.80163
490260.00	3624026.00	8.93548	490310.00	3624026.00	8.81687
490360.00	3624026.00	8.44205	490410.00	3624026.00	7.91522
490460.00	3624026.00	7.40421	490510.00	3624026.00	6.92990
490560.00	3624026.00	6.48548	490610.00	3624026.00	6.05745
490660.00	3624026.00	5.63890	490710.00	3624026.00	5.22402
489960.00	3624076.00	10.57079	490010.00	3624076.00	11.62528
490060.00	3624076.00	12.54263	490110.00	3624076.00	13.42518
490160.00	3624076.00	14.34913	490210.00	3624076.00	15.22298
490260.00	3624076.00	15.36545	490310.00	3624076.00	13.87920
490360.00	3624076.00	11.99605	490410.00	3624076.00	10.48493
490460.00	3624076.00	9.40130	490510.00	3624076.00	8.55722
490560.00	3624076.00	7.83801	490610.00	3624076.00	7.18018
490660.00	3624076.00	6.55785	490710.00	3624076.00	5.96407
489960.00	3624126.00	9.46817	490010.00	3624126.00	14.13929
490060.00	3624126.00	10.10194	490110.00	3624126.00	11.21487
490160.00	3624126.00	13.02563	490210.00	3624126.00	16.67121
490260.00	3624126.00	26.54138	490310.00	3624126.00	23.75895
490360.00	3624126.00	16.82087	490410.00	3624126.00	13.64866
490460.00	3624126.00	11.83447	490510.00	3624126.00	10.51075
490560.00	3624126.00	9.41854	490610.00	3624126.00	8.44579
490660.00	3624126.00	7.55205	490710.00	3624126.00	6.72875
489960.00	3624176.00	9.26581	490010.00	3624176.00	13.86580
490060.00	3624176.00	10.37236	490110.00	3624176.00	11.95887
490160.00	3624176.00	15.09553	490210.00	3624176.00	25.41576
490260.00	3624176.00	28.11942	490310.00	3624176.00	34.95545
490360.00	3624176.00	22.10972	490410.00	3624176.00	17.48567
490460.00	3624176.00	14.86807	490510.00	3624176.00	12.88905
490560.00	3624176.00	11.24972	490610.00	3624176.00	9.83743
490660.00	3624176.00	8.58638	490710.00	3624176.00	7.47764
489960.00	3624226.00	10.28474	490010.00	3624226.00	11.46825
490060.00	3624226.00	12.98861	490110.00	3624226.00	15.33094
490160.00	3624226.00	19.87713	490210.00	3624226.00	34.01643
490260.00	3624226.00	41.80060	490310.00	3624226.00	42.05562
490360.00	3624226.00	28.68321	490410.00	3624226.00	22.76459
490460.00	3624226.00	18.71928	490510.00	3624226.00	15.72927
490560.00	3624226.00	13.30488	490610.00	3624226.00	11.30122
490660.00	3624226.00	9.60126	490710.00	3624226.00	8.15189

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000016 ,
L0000017 ,
L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 ,
L0000025 ,
L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 ,
L0000033 ,
L0000034 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 ,
L0000486 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624276.00	7.12704	490010.00	3624276.00	8.44460
490060.00	3624276.00	10.35765	490110.00	3624276.00	13.53726
490160.00	3624276.00	19.93705	490210.00	3624276.00	38.07141
490260.00	3624276.00	52.64255	490310.00	3624276.00	56.65616
490360.00	3624276.00	40.33935	490410.00	3624276.00	30.12262
490460.00	3624276.00	23.43937	490510.00	3624276.00	18.93061
490560.00	3624276.00	15.48510	490610.00	3624276.00	12.72887
490660.00	3624276.00	10.48253	490710.00	3624276.00	8.67053
489960.00	3624326.00	6.00477	490010.00	3624326.00	7.43300
490060.00	3624326.00	9.69903	490110.00	3624326.00	13.74872
490160.00	3624326.00	22.72779	490210.00	3624326.00	51.42166
490260.00	3624326.00	110.16236	490310.00	3624326.00	114.51224
490360.00	3624326.00	59.69556	490410.00	3624326.00	39.03125
490460.00	3624326.00	28.88472	490510.00	3624326.00	22.46195
490560.00	3624326.00	17.64232	490610.00	3624326.00	13.94337
490660.00	3624326.00	11.09125	490710.00	3624326.00	8.93881
489960.00	3624376.00	5.45356	490010.00	3624376.00	6.97151
490060.00	3624376.00	9.43639	490110.00	3624376.00	14.04000
490160.00	3624376.00	25.09242	490410.00	3624376.00	49.87550
490460.00	3624376.00	35.62520	490510.00	3624376.00	26.24631
490560.00	3624376.00	19.50592	490610.00	3624376.00	14.70895
490660.00	3624376.00	11.29733	490710.00	3624376.00	8.86633
489960.00	3624426.00	5.05706	490010.00	3624426.00	6.53989
490060.00	3624426.00	8.94323	490110.00	3624426.00	13.44216
490160.00	3624426.00	23.31893	490410.00	3624426.00	68.60891
490460.00	3624426.00	44.12619	490510.00	3624426.00	29.23838
490560.00	3624426.00	20.51169	490610.00	3624426.00	14.69031
490660.00	3624426.00	10.94953	490710.00	3624426.00	8.40533
489960.00	3624476.00	4.69373	490010.00	3624476.00	6.06928
490060.00	3624476.00	8.20781	490110.00	3624476.00	12.09447
490160.00	3624476.00	19.34057	490410.00	3624476.00	92.93019
490460.00	3624476.00	50.22045	490510.00	3624476.00	29.75498
490560.00	3624476.00	19.78633	490610.00	3624476.00	13.66059
490660.00	3624476.00	10.02718	490710.00	3624476.00	7.63052
489960.00	3624526.00	4.30728	490010.00	3624526.00	5.45935
490060.00	3624526.00	7.31195	490110.00	3624526.00	10.35249
490160.00	3624526.00	15.91445	490410.00	3624526.00	145.26520
490460.00	3624526.00	47.90944	490510.00	3624526.00	25.34972
490560.00	3624526.00	17.09992	490610.00	3624526.00	11.87678
490660.00	3624526.00	8.73720	490710.00	3624526.00	6.71701

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000016 , L0000017 ,
L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 ,
L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 , L0000033 ,
L0000034 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 , L0000486 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624576.00	3.79788	490010.00	3624576.00	4.77561
490060.00	3624576.00	6.20106	490110.00	3624576.00	8.60237
490160.00	3624576.00	12.86361	490210.00	3624576.00	21.02090
490260.00	3624576.00	41.06891	490310.00	3624576.00	82.95941
490360.00	3624576.00	111.27560	490410.00	3624576.00	67.88748
490460.00	3624576.00	34.38401	490510.00	3624576.00	19.07156
490560.00	3624576.00	13.06193	490610.00	3624576.00	9.99965
490660.00	3624576.00	7.51667	490710.00	3624576.00	5.87195
489960.00	3624626.00	3.39237	490010.00	3624626.00	4.18304
490060.00	3624626.00	5.26443	490110.00	3624626.00	7.19037
490160.00	3624626.00	10.03729	490210.00	3624626.00	14.58653
490260.00	3624626.00	22.27914	490310.00	3624626.00	32.34566
490360.00	3624626.00	38.27785	490410.00	3624626.00	32.19604
490460.00	3624626.00	22.68538	490510.00	3624626.00	15.56943
490560.00	3624626.00	10.49290	490610.00	3624626.00	8.34130
490660.00	3624626.00	6.56311	490710.00	3624626.00	5.20954
489960.00	3624676.00	3.04412	490010.00	3624676.00	3.71910
490060.00	3624676.00	4.67315	490110.00	3624676.00	5.96694
490160.00	3624676.00	7.79628	490210.00	3624676.00	10.46148
490260.00	3624676.00	14.12658	490310.00	3624676.00	18.03166
490360.00	3624676.00	20.25153	490410.00	3624676.00	18.72079
490460.00	3624676.00	14.64730	490510.00	3624676.00	11.51557
490560.00	3624676.00	8.88271	490610.00	3624676.00	6.75242
490660.00	3624676.00	5.76303	490710.00	3624676.00	4.70351
489960.00	3624726.00	2.76985	490010.00	3624726.00	3.30785
490060.00	3624726.00	4.00066	490110.00	3624726.00	4.92094
490160.00	3624726.00	6.15844	490210.00	3624726.00	7.82797
490260.00	3624726.00	9.84832	490310.00	3624726.00	11.66616
490360.00	3624726.00	12.73953	490410.00	3624726.00	12.37271
490460.00	3624726.00	11.17683	490510.00	3624726.00	9.49167
490560.00	3624726.00	7.75106	490610.00	3624726.00	5.83666
490660.00	3624726.00	4.78202	490710.00	3624726.00	4.25620
489960.00	3624776.00	2.47833	490010.00	3624776.00	2.89928
490060.00	3624776.00	3.43012	490110.00	3624776.00	4.11226
490160.00	3624776.00	4.98031	490210.00	3624776.00	6.05275
490260.00	3624776.00	7.23113	490310.00	3624776.00	8.30135
490360.00	3624776.00	8.94579	490410.00	3624776.00	8.94879
490460.00	3624776.00	8.42119	490510.00	3624776.00	7.49439
490560.00	3624776.00	6.44080	490610.00	3624776.00	5.41713
490660.00	3624776.00	4.23562	490710.00	3624776.00	3.59449

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000016 , L0000017 ,
L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 ,
L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 , L0000033 ,
L0000034 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 , L0000486 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489960.00	3624826.00	2.18813	490010.00	3624826.00	2.53018
490060.00	3624826.00	2.94445	490110.00	3624826.00	3.44455
490160.00	3624826.00	4.07935	490210.00	3624826.00	4.79024
490260.00	3624826.00	5.55680	490310.00	3624826.00	6.22523
490360.00	3624826.00	6.64851	490410.00	3624826.00	6.72948
490460.00	3624826.00	6.48311	490510.00	3624826.00	5.98322
490560.00	3624826.00	5.35041	490610.00	3624826.00	4.68428
490660.00	3624826.00	3.98110	490710.00	3624826.00	3.22693
489960.00	3624876.00	1.95611	490010.00	3624876.00	2.22124
490060.00	3624876.00	2.54993	490110.00	3624876.00	2.94419
490160.00	3624876.00	3.40169	490210.00	3624876.00	3.90595
490260.00	3624876.00	4.42130	490310.00	3624876.00	4.86402
490360.00	3624876.00	5.15244	490410.00	3624876.00	5.24329
490460.00	3624876.00	5.13259	490510.00	3624876.00	4.85412
490560.00	3624876.00	4.46253	490610.00	3624876.00	4.01916
490660.00	3624876.00	3.53754	490710.00	3624876.00	2.93686
490210.00	3624326.00	51.42166	490220.00	3624326.00	64.42778
490230.00	3624326.00	83.46993	490240.00	3624326.00	92.28224
490250.00	3624326.00	94.59165	490260.00	3624326.00	110.16236
490270.00	3624326.00	120.05396	490280.00	3624326.00	136.85811
490290.00	3624326.00	141.91702	490300.00	3624326.00	128.82793
490310.00	3624326.00	114.51224	490320.00	3624326.00	99.91954
490330.00	3624326.00	86.65385	490340.00	3624326.00	75.63858
490350.00	3624326.00	66.76317	490360.00	3624326.00	59.69556
490370.00	3624326.00	53.98010	490380.00	3624326.00	49.31260
490390.00	3624326.00	45.36628	490400.00	3624326.00	41.97672
490410.00	3624326.00	39.03125	490420.00	3624326.00	36.42129
490430.00	3624326.00	34.24223	490440.00	3624326.00	32.28794
490450.00	3624326.00	30.49863	490460.00	3624326.00	28.88472
490210.00	3624336.00	55.56933	490220.00	3624336.00	70.86091
490230.00	3624336.00	93.72140	490240.00	3624336.00	107.68332
490250.00	3624336.00	76.71210	490260.00	3624336.00	88.52353
490270.00	3624336.00	98.19855	490280.00	3624336.00	121.89527
490290.00	3624336.00	125.44480	490300.00	3624336.00	100.97973
490310.00	3624336.00	84.28787	490320.00	3624336.00	120.30180
490330.00	3624336.00	99.02581	490340.00	3624336.00	83.61360
490350.00	3624336.00	72.27473	490360.00	3624336.00	63.80772
490370.00	3624336.00	57.24857	490380.00	3624336.00	52.05153
490390.00	3624336.00	47.76081	490400.00	3624336.00	44.09150
490410.00	3624336.00	40.91808	490420.00	3624336.00	38.15848

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000016 , L0000017 ,
L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 ,
L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 , L0000033 ,
L0000034 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 , L0000486 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490430.00	3624336.00	35.84484	490440.00	3624336.00	33.74057
490450.00	3624336.00	31.82673	490460.00	3624336.00	30.09990
490210.00	3624346.00	59.87026	490220.00	3624346.00	78.02550
490230.00	3624346.00	106.29079	490240.00	3624346.00	117.41318
490250.00	3624346.00	90.23724	490260.00	3624346.00	107.15114
490270.00	3624346.00	122.70421	490280.00	3624346.00	72.36007
490290.00	3624346.00	85.94239	490300.00	3624346.00	115.24755
490310.00	3624346.00	92.61589	490320.00	3624346.00	78.11253
490330.00	3624346.00	112.01878	490340.00	3624346.00	90.97449
490350.00	3624346.00	77.18963	490360.00	3624346.00	67.51910
490370.00	3624346.00	60.29782	490380.00	3624346.00	54.70235
490390.00	3624346.00	50.12960	490400.00	3624346.00	46.22755
490410.00	3624346.00	42.86850	490420.00	3624346.00	39.99134
490430.00	3624346.00	37.51643	490440.00	3624346.00	35.27407
490450.00	3624346.00	33.23768	490460.00	3624346.00	31.39182
490210.00	3624356.00	63.75541	490220.00	3624356.00	84.89279
490230.00	3624356.00	119.28227	490240.00	3624356.00	102.15633
490250.00	3624356.00	64.31984	490260.00	3624356.00	79.31071
490270.00	3624356.00	49.68002	490280.00	3624356.00	102.92227
490290.00	3624356.00	95.85315	490300.00	3624356.00	127.99692
490310.00	3624356.00	99.63380	490320.00	3624356.00	82.91598
490330.00	3624356.00	122.30079	490340.00	3624356.00	96.34602
490350.00	3624356.00	80.97528	490360.00	3624356.00	70.64102
490370.00	3624356.00	63.10471	490380.00	3624356.00	57.30816
490390.00	3624356.00	52.55869	490400.00	3624356.00	48.50359
490410.00	3624356.00	44.98177	490420.00	3624356.00	41.97300
490430.00	3624356.00	39.30552	490440.00	3624356.00	36.90515
490450.00	3624356.00	34.73187	490460.00	3624356.00	32.74786
490210.00	3624366.00	66.63807	490220.00	3624366.00	89.98589
490230.00	3624366.00	129.05930	490240.00	3624366.00	68.14018
490250.00	3624366.00	84.03231	490370.00	3624366.00	65.80783
490380.00	3624366.00	60.01431	490390.00	3624366.00	55.18001
490400.00	3624366.00	50.97830	490410.00	3624366.00	47.31829
490420.00	3624366.00	44.09619	490430.00	3624366.00	41.22436
490440.00	3624366.00	38.64837	490450.00	3624366.00	36.31190
490460.00	3624366.00	34.16456	490210.00	3624376.00	68.25325
490220.00	3624376.00	92.38622	490230.00	3624376.00	132.79180
490240.00	3624376.00	92.75453	490250.00	3624376.00	102.31395
490370.00	3624376.00	68.75919	490380.00	3624376.00	63.09679
490390.00	3624376.00	58.17806	490400.00	3624376.00	53.78247

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000016 , L0000017 ,
L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 ,
L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 , L0000033 ,
L0000034 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 , L0000486 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490410.00	3624376.00	49.87550	490420.00	3624376.00	46.42580
490430.00	3624376.00	43.29660	490440.00	3624376.00	40.48697
490450.00	3624376.00	37.96105	490460.00	3624376.00	35.62520
490210.00	3624386.00	68.23475	490220.00	3624386.00	91.27802
490230.00	3624386.00	129.98172	490240.00	3624386.00	93.61183
490250.00	3624386.00	72.58588	490370.00	3624386.00	72.56368
490380.00	3624386.00	66.93627	490390.00	3624386.00	61.82138
490400.00	3624386.00	57.09128	490410.00	3624386.00	52.82790
490420.00	3624386.00	49.07509	490430.00	3624386.00	45.62623
490440.00	3624386.00	42.44537	490450.00	3624386.00	39.69113
490460.00	3624386.00	37.15838	490210.00	3624396.00	66.93446
490220.00	3624396.00	89.01106	490230.00	3624396.00	125.33550
490240.00	3624396.00	124.77179	490250.00	3624396.00	110.77049
490370.00	3624396.00	78.09303	490380.00	3624396.00	72.00974
490390.00	3624396.00	66.27710	490400.00	3624396.00	60.96214
490410.00	3624396.00	56.22676	490420.00	3624396.00	51.98311
490430.00	3624396.00	48.18197	490440.00	3624396.00	44.62236
490450.00	3624396.00	41.53863	490460.00	3624396.00	38.77174
490210.00	3624406.00	64.53011	490220.00	3624406.00	85.28454
490230.00	3624406.00	119.11919	490240.00	3624406.00	115.58271
490250.00	3624406.00	93.27185	490370.00	3624406.00	86.10836
490380.00	3624406.00	78.68004	490390.00	3624406.00	71.69797
490400.00	3624406.00	65.46653	490410.00	3624406.00	60.00628
490420.00	3624406.00	55.18593	490430.00	3624406.00	50.97653
490440.00	3624406.00	47.07573	490450.00	3624406.00	43.54903
490460.00	3624406.00	40.44758	490210.00	3624416.00	61.29837
490220.00	3624416.00	80.27465	490230.00	3624416.00	111.53644
490240.00	3624416.00	63.74006	490250.00	3624416.00	75.22839
490370.00	3624416.00	96.93872	490380.00	3624416.00	86.84390
490390.00	3624416.00	77.95268	490400.00	3624416.00	70.48082
490410.00	3624416.00	64.12633	490420.00	3624416.00	58.70157
490430.00	3624416.00	53.96874	490440.00	3624416.00	49.70252
490450.00	3624416.00	45.72611	490460.00	3624416.00	42.22491
490210.00	3624426.00	57.22255	490220.00	3624426.00	73.79217
490230.00	3624426.00	100.59527	490240.00	3624426.00	85.19272
490250.00	3624426.00	106.13320	490370.00	3624426.00	109.93114
490380.00	3624426.00	95.83291	490390.00	3624426.00	84.67406
490400.00	3624426.00	75.87282	490410.00	3624426.00	68.60891
490420.00	3624426.00	62.49181	490430.00	3624426.00	57.13796
490440.00	3624426.00	52.40753	490450.00	3624426.00	48.11974

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000016 , L0000017 ,
L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 ,
L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 , L0000033 ,
L0000034 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 , L0000486 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490460.00	3624426.00	44.12619	490210.00	3624436.00	52.61561
490220.00	3624436.00	66.62362	490230.00	3624436.00	87.89641
490240.00	3624436.00	71.67535	490250.00	3624436.00	87.22595
490370.00	3624436.00	122.38956	490380.00	3624436.00	104.72943
490390.00	3624436.00	91.57647	490400.00	3624436.00	81.51439
490410.00	3624436.00	73.36359	490420.00	3624436.00	66.52600
490430.00	3624436.00	60.40664	490440.00	3624436.00	55.16902
490450.00	3624436.00	50.47923	490460.00	3624436.00	46.06856
490210.00	3624446.00	48.48366	490220.00	3624446.00	59.88794
490230.00	3624446.00	76.23931	490240.00	3624446.00	99.52668
490250.00	3624446.00	78.72678	490370.00	3624446.00	132.90263
490380.00	3624446.00	112.93269	490390.00	3624446.00	98.60080
490400.00	3624446.00	87.50955	490410.00	3624446.00	78.45460
490420.00	3624446.00	70.76789	490430.00	3624446.00	64.00314
490440.00	3624446.00	58.03638	490450.00	3624446.00	52.73756
490460.00	3624446.00	47.85366	490210.00	3624456.00	44.53325
490220.00	3624456.00	53.67496	490230.00	3624456.00	65.71503
490240.00	3624456.00	82.34818	490250.00	3624456.00	102.34552
490370.00	3624456.00	142.44024	490380.00	3624456.00	122.06547
490390.00	3624456.00	106.52846	490400.00	3624456.00	94.19599
490410.00	3624456.00	84.11201	490420.00	3624456.00	75.49640
490430.00	3624456.00	67.80929	490440.00	3624456.00	61.01785
490450.00	3624456.00	54.94429	490460.00	3624456.00	49.35694
490210.00	3624466.00	41.26160	490220.00	3624466.00	48.98534
490230.00	3624466.00	59.17297	490240.00	3624466.00	72.34387
490250.00	3624466.00	89.26824	490370.00	3624466.00	153.50023
490380.00	3624466.00	132.54715	490390.00	3624466.00	114.91298
490400.00	3624466.00	100.61057	490410.00	3624466.00	89.11039
490420.00	3624466.00	79.49024	490430.00	3624466.00	70.95738
490440.00	3624466.00	63.55656	490450.00	3624466.00	56.58623
490460.00	3624466.00	50.33509	490210.00	3624476.00	38.50216
490220.00	3624476.00	45.42535	490230.00	3624476.00	54.65293
490240.00	3624476.00	66.26023	490250.00	3624476.00	81.95993
490370.00	3624476.00	169.87334	490380.00	3624476.00	145.36108
490390.00	3624476.00	125.35539	490400.00	3624476.00	108.80922
490410.00	3624476.00	92.93019	490420.00	3624476.00	81.18934
490430.00	3624476.00	72.16792	490440.00	3624476.00	63.99544
490450.00	3624476.00	56.82029	490460.00	3624476.00	50.22045
490210.00	3624486.00	36.21595	490220.00	3624486.00	42.57451
490230.00	3624486.00	50.92889	490240.00	3624486.00	62.12312

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000016 , L0000017 ,
L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 ,
L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 , L0000033 ,
L0000034 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 , L0000486 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490250.00	3624486.00	77.28850	490380.00	3624486.00	165.25241
490390.00	3624486.00	141.25650	490400.00	3624486.00	118.85070
490410.00	3624486.00	94.43312	490420.00	3624486.00	81.17738
490430.00	3624486.00	70.65227	490440.00	3624486.00	61.99271
490450.00	3624486.00	54.62587	490460.00	3624486.00	48.86896
490210.00	3624496.00	34.38231	490220.00	3624496.00	40.45971
490230.00	3624496.00	48.10778	490240.00	3624496.00	58.91648
490250.00	3624496.00	73.69803	490390.00	3624496.00	163.39734
490400.00	3624496.00	135.15457	490410.00	3624496.00	108.40758
490420.00	3624496.00	91.28952	490430.00	3624496.00	76.95297
490440.00	3624496.00	64.66898	490450.00	3624496.00	55.31592
490460.00	3624496.00	47.73593	490210.00	3624506.00	32.65408
490220.00	3624506.00	38.34551	490230.00	3624506.00	45.83998
490240.00	3624506.00	55.90900	490250.00	3624506.00	70.50976
490400.00	3624506.00	159.95253	490410.00	3624506.00	130.23440
490420.00	3624506.00	106.00012	490430.00	3624506.00	85.24602
490440.00	3624506.00	70.71347	490450.00	3624506.00	58.74304
490460.00	3624506.00	49.00414	490210.00	3624516.00	31.00189
490220.00	3624516.00	36.38738	490230.00	3624516.00	43.20238
490240.00	3624516.00	52.80850	490250.00	3624516.00	66.86340
490410.00	3624516.00	140.62437	490420.00	3624516.00	110.09982
490430.00	3624516.00	87.42825	490440.00	3624516.00	71.60523
490450.00	3624516.00	59.46351	490460.00	3624516.00	49.56953
490210.00	3624526.00	29.33808	490220.00	3624526.00	34.31568
490230.00	3624526.00	40.70401	490240.00	3624526.00	49.47807
490250.00	3624526.00	62.50296	490410.00	3624526.00	145.26520
490420.00	3624526.00	110.39114	490430.00	3624526.00	86.22440
490440.00	3624526.00	69.90631	490450.00	3624526.00	57.79489
490460.00	3624526.00	47.90944	490210.00	3624536.00	27.64515
490220.00	3624536.00	32.04874	490230.00	3624536.00	37.95624
490240.00	3624536.00	45.66254	490250.00	3624536.00	57.28208
490410.00	3624536.00	139.41156	490420.00	3624536.00	104.28372
490430.00	3624536.00	81.46859	490440.00	3624536.00	66.19103
490450.00	3624536.00	55.27578	490460.00	3624536.00	46.24071
490210.00	3624546.00	25.96728	490220.00	3624546.00	29.81453
490230.00	3624546.00	34.91009	490240.00	3624546.00	41.68915
490250.00	3624546.00	51.42905	490410.00	3624546.00	122.46494
490420.00	3624546.00	93.54720	490430.00	3624546.00	74.33096
490440.00	3624546.00	61.10694	490450.00	3624546.00	51.33150
490460.00	3624546.00	43.85227	490210.00	3624556.00	24.24920

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000016 , L0000017 ,
L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 ,
L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 , L0000033 ,
L0000034 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 , L0000486 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490220.00	3624556.00	27.72860	490230.00	3624556.00	32.13212
490240.00	3624556.00	37.87994	490250.00	3624556.00	45.60681
490410.00	3624556.00	101.03322	490420.00	3624556.00	80.90130
490430.00	3624556.00	66.19467	490440.00	3624556.00	55.43734
490450.00	3624556.00	47.20479	490460.00	3624556.00	40.69496
490210.00	3624566.00	22.69424	490220.00	3624566.00	25.74898
490230.00	3624566.00	29.52308	490240.00	3624566.00	34.26609
490250.00	3624566.00	40.29338	490260.00	3624566.00	47.95413
490270.00	3624566.00	57.58492	490280.00	3624566.00	68.96865
490290.00	3624566.00	81.13461	490300.00	3624566.00	94.45126
490310.00	3624566.00	108.74949	490320.00	3624566.00	124.11640
490330.00	3624566.00	138.58422	490340.00	3624566.00	150.36409
490350.00	3624566.00	156.17800	490360.00	3624566.00	155.88034
490370.00	3624566.00	149.53342	490380.00	3624566.00	137.51116
490390.00	3624566.00	119.72032	490400.00	3624566.00	99.80746
490410.00	3624566.00	82.29897	490420.00	3624566.00	68.77906
490430.00	3624566.00	57.99603	490440.00	3624566.00	49.60176
490450.00	3624566.00	42.87957	490460.00	3624566.00	37.50759
490210.00	3624576.00	21.02090	490220.00	3624576.00	23.60898
490230.00	3624576.00	26.81997	490240.00	3624576.00	30.61084
490250.00	3624576.00	35.38398	490260.00	3624576.00	41.06891
490270.00	3624576.00	47.75318	490280.00	3624576.00	55.65941
490290.00	3624576.00	64.22133	490300.00	3624576.00	73.16950
490310.00	3624576.00	82.95941	490320.00	3624576.00	92.74898
490330.00	3624576.00	101.15953	490340.00	3624576.00	107.94249
490350.00	3624576.00	111.32398	490360.00	3624576.00	111.27560
490370.00	3624576.00	107.50812	490380.00	3624576.00	100.33068
490390.00	3624576.00	90.31717	490400.00	3624576.00	78.86817
490410.00	3624576.00	67.88748	490420.00	3624576.00	58.64520
490430.00	3624576.00	50.75886	490440.00	3624576.00	44.26013
490450.00	3624576.00	38.84097	490460.00	3624576.00	34.38401
490210.00	3624586.00	19.48880	490220.00	3624586.00	21.77282
490230.00	3624586.00	24.40310	490240.00	3624586.00	27.53176
490250.00	3624586.00	31.24975	490260.00	3624586.00	35.67954
490270.00	3624586.00	40.70978	490280.00	3624586.00	46.53742
490290.00	3624586.00	52.54456	490300.00	3624586.00	59.06814
490310.00	3624586.00	65.48849	490320.00	3624586.00	72.07018
490330.00	3624586.00	77.55710	490340.00	3624586.00	81.62434
490350.00	3624586.00	83.71941	490360.00	3624586.00	83.84086
490370.00	3624586.00	81.69500	490380.00	3624586.00	77.42490

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000016 ,
L0000017 ,
L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 ,
L0000025 ,
L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 ,
L0000033 ,
L0000034 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 ,
L0000486 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490390.00	3624586.00	71.36956	490400.00	3624586.00	64.16926
490410.00	3624586.00	56.94086	490420.00	3624586.00	50.56498
490430.00	3624586.00	44.70556	490440.00	3624586.00	39.61369
490450.00	3624586.00	35.21472	490460.00	3624586.00	31.51335
490210.00	3624596.00	18.13900	490220.00	3624596.00	20.08337
490230.00	3624596.00	22.30357	490240.00	3624596.00	24.91829
490250.00	3624596.00	27.86555	490260.00	3624596.00	31.34089
490270.00	3624596.00	35.23335	490280.00	3624596.00	39.58929
490290.00	3624596.00	43.94843	490300.00	3624596.00	48.74230
490310.00	3624596.00	53.26107	490320.00	3624596.00	57.78035
490330.00	3624596.00	61.63107	490340.00	3624596.00	64.25445
490350.00	3624596.00	65.71296	490360.00	3624596.00	66.00012
490370.00	3624596.00	64.84076	490380.00	3624596.00	62.25040
490390.00	3624596.00	58.34931	490400.00	3624596.00	53.47462
490410.00	3624596.00	48.49113	490420.00	3624596.00	43.81107
490430.00	3624596.00	39.42409	490440.00	3624596.00	35.47648
490450.00	3624596.00	31.97157	490460.00	3624596.00	28.91822
490210.00	3624606.00	16.85756	490220.00	3624606.00	18.49178
490230.00	3624606.00	20.37772	490240.00	3624606.00	22.52018
490250.00	3624606.00	25.01558	490260.00	3624606.00	27.75541
490270.00	3624606.00	30.79657	490280.00	3624606.00	34.12927
490290.00	3624606.00	37.50259	490300.00	3624606.00	40.98283
490310.00	3624606.00	44.30691	490320.00	3624606.00	47.51475
490330.00	3624606.00	50.33214	490340.00	3624606.00	52.22488
490350.00	3624606.00	53.38056	490360.00	3624606.00	53.78607
490370.00	3624606.00	53.25249	490380.00	3624606.00	51.65660
490390.00	3624606.00	49.03757	490400.00	3624606.00	45.41344
490410.00	3624606.00	41.87349	490420.00	3624606.00	38.43828
490430.00	3624606.00	35.10017	490440.00	3624606.00	31.99570
490450.00	3624606.00	29.16230	490460.00	3624606.00	26.61551
490210.00	3624616.00	15.68398	490220.00	3624616.00	17.09986
490230.00	3624616.00	18.69762	490240.00	3624616.00	20.50551
490250.00	3624616.00	22.57111	490260.00	3624616.00	24.79099
490270.00	3624616.00	27.21372	490280.00	3624616.00	29.84183
490290.00	3624616.00	32.42811	490300.00	3624616.00	35.02491
490310.00	3624616.00	37.57340	490320.00	3624616.00	39.98141
490330.00	3624616.00	42.07031	490340.00	3624616.00	43.49055
490350.00	3624616.00	44.51938	490360.00	3624616.00	44.94692
490370.00	3624616.00	44.72522	490380.00	3624616.00	43.67424
490390.00	3624616.00	41.82211	490400.00	3624616.00	39.14272

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000016 , L0000017 ,
L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 ,
L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 , L0000033 ,
L0000034 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 , L0000486 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
490410.00	3624616.00	36.55704	490420.00	3624616.00	34.05418
490430.00	3624616.00	31.49554	490440.00	3624616.00	29.03353
490450.00	3624616.00	26.70088	490460.00	3624616.00	24.55657
490307.00	3624461.00	187.93506	490317.00	3624461.00	175.87605
490307.00	3624471.00	184.27516	490317.00	3624471.00	177.36791
490307.00	3624481.00	193.70527	490317.00	3624481.00	196.69414
490307.00	3624491.00	198.53125	490317.00	3624491.00	203.05400
490307.00	3624501.00	203.75327	490317.00	3624501.00	205.09748
490307.00	3624511.00	209.35633	490317.00	3624511.00	220.41561
490307.00	3624521.00	211.75778	490317.00	3624521.00	235.79521
490276.00	3624433.00	112.50883	490286.00	3624433.00	152.41242
490296.00	3624433.00	148.51646	490276.00	3624443.00	106.09463
490286.00	3624443.00	130.75303	490296.00	3624443.00	149.91294
490276.00	3624453.00	150.03923	490286.00	3624453.00	146.66240
490296.00	3624453.00	166.38826	490276.00	3624463.00	139.75939
490286.00	3624463.00	142.90312	490296.00	3624463.00	165.15099
490276.00	3624473.00	134.25177	490286.00	3624473.00	140.20568
490296.00	3624473.00	162.35297	490276.00	3624481.00	132.27284
490286.00	3624481.00	138.95140	490296.00	3624481.00	168.38091
490276.00	3624491.00	131.20724	490286.00	3624491.00	140.42964
490296.00	3624491.00	171.40209	490276.00	3624501.00	128.46965
490286.00	3624501.00	136.49903	490296.00	3624501.00	173.52696
490276.00	3624511.00	123.29116	490286.00	3624511.00	137.42077
490296.00	3624511.00	172.53319	490276.00	3624521.00	116.94711
490286.00	3624521.00	130.63211	490296.00	3624521.00	165.13354
490279.00	3624525.00	116.76750	490289.00	3624525.00	140.85340
490299.00	3624525.00	171.67965	490309.00	3624525.00	208.36725
490319.00	3624525.00	213.79349	490279.00	3624535.00	101.24245
490289.00	3624535.00	111.96466	490299.00	3624535.00	139.63397
490309.00	3624535.00	180.55643	490319.00	3624535.00	197.79622
490279.00	3624545.00	91.22599	490289.00	3624545.00	118.41601
490299.00	3624545.00	132.91695	490309.00	3624545.00	172.57760
490319.00	3624545.00	197.46196	490298.00	3624431.00	144.22026
490298.00	3624441.00	169.69258	490308.00	3624441.00	169.83485
490318.00	3624441.00	162.49139	490298.00	3624451.00	162.28082
490308.00	3624451.00	170.15407	490318.00	3624451.00	168.01399

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				OF TYPE	NETWORK GRID-ID
HAUL1A	1ST HIGHEST VALUE IS	74.57629	490230.00,	3624396.00,	114.16,	114.16,	0.00)	DC
	2ND HIGHEST VALUE IS	73.91996	490230.00,	3624406.00,	114.23,	114.23,	0.00)	DC
	3RD HIGHEST VALUE IS	71.36819	490230.00,	3624386.00,	114.09,	114.09,	0.00)	DC
	4TH HIGHEST VALUE IS	69.69839	490230.00,	3624416.00,	114.24,	114.24,	0.00)	DC
	5TH HIGHEST VALUE IS	69.45585	490286.00,	3624433.00,	113.67,	113.67,	0.00)	DC
	6TH HIGHEST VALUE IS	67.94196	490280.00,	3624356.00,	113.40,	113.40,	0.00)	DC
	7TH HIGHEST VALUE IS	64.38162	490230.00,	3624376.00,	113.76,	113.76,	0.00)	DC
	8TH HIGHEST VALUE IS	62.33780	490240.00,	3624396.00,	114.19,	114.19,	0.00)	DC
	9TH HIGHEST VALUE IS	62.23850	490240.00,	3624406.00,	114.33,	114.33,	0.00)	DC
	10TH HIGHEST VALUE IS	61.17543	490230.00,	3624426.00,	114.47,	114.47,	0.00)	DC
HAUL2A	1ST HIGHEST VALUE IS	69.87996	490290.00,	3624326.00,	113.48,	113.48,	0.00)	DC
	2ND HIGHEST VALUE IS	68.36292	490320.00,	3624336.00,	112.89,	112.89,	0.00)	DC
	3RD HIGHEST VALUE IS	68.13039	490330.00,	3624356.00,	112.61,	112.61,	0.00)	DC
	4TH HIGHEST VALUE IS	68.08303	490280.00,	3624326.00,	113.54,	113.54,	0.00)	DC
	5TH HIGHEST VALUE IS	67.66119	490300.00,	3624326.00,	113.24,	113.24,	0.00)	DC
	6TH HIGHEST VALUE IS	62.93680	490270.00,	3624326.00,	113.50,	113.50,	0.00)	DC
	7TH HIGHEST VALUE IS	61.45865	490330.00,	3624346.00,	112.72,	112.72,	0.00)	DC
	8TH HIGHEST VALUE IS	60.59077	490310.00,	3624326.00,	112.84,	112.84,	0.00)	DC
	9TH HIGHEST VALUE IS	60.59077	490310.00,	3624326.00,	112.84,	112.84,	0.00)	DC
	10TH HIGHEST VALUE IS	56.66164	490240.00,	3624346.00,	113.88,	113.88,	0.00)	DC
HAULB	1ST HIGHEST VALUE IS	37.28937	490290.00,	3624326.00,	113.48,	113.48,	0.00)	DC
	2ND HIGHEST VALUE IS	35.15544	490290.00,	3624336.00,	113.48,	113.48,	0.00)	DC
	3RD HIGHEST VALUE IS	34.10063	490230.00,	3624326.00,	113.91,	113.91,	0.00)	DC
	4TH HIGHEST VALUE IS	33.35057	490280.00,	3624326.00,	113.54,	113.54,	0.00)	DC
	5TH HIGHEST VALUE IS	32.47070	490230.00,	3624336.00,	113.97,	113.97,	0.00)	DC
	6TH HIGHEST VALUE IS	32.14275	490290.00,	3624346.00,	113.44,	113.44,	0.00)	DC
	7TH HIGHEST VALUE IS	32.08408	490240.00,	3624326.00,	113.89,	113.89,	0.00)	DC
	8TH HIGHEST VALUE IS	30.17911	490280.00,	3624336.00,	113.59,	113.59,	0.00)	DC
	9TH HIGHEST VALUE IS	30.08636	490230.00,	3624346.00,	113.89,	113.89,	0.00)	DC
	10TH HIGHEST VALUE IS	28.58261	490240.00,	3624336.00,	113.95,	113.95,	0.00)	DC
HAULC	1ST HIGHEST VALUE IS	10.98891	490010.00,	3624126.00,	113.82,	113.82,	0.00)	DC
	2ND HIGHEST VALUE IS	10.20316	490010.00,	3624176.00,	114.02,	114.02,	0.00)	DC
	3RD HIGHEST VALUE IS	9.49115	490110.00,	3624076.00,	113.59,	113.59,	0.00)	DC
	4TH HIGHEST VALUE IS	9.44221	490160.00,	3624076.00,	113.60,	113.60,	0.00)	DC
	5TH HIGHEST VALUE IS	9.32154	490060.00,	3624076.00,	113.61,	113.61,	0.00)	DC
	6TH HIGHEST VALUE IS	9.01678	490210.00,	3624076.00,	113.56,	113.56,	0.00)	DC
	7TH HIGHEST VALUE IS	8.94149	490010.00,	3624076.00,	113.44,	113.44,	0.00)	DC
	8TH HIGHEST VALUE IS	8.30486	489960.00,	3624076.00,	113.44,	113.44,	0.00)	DC
	9TH HIGHEST VALUE IS	7.72361	490260.00,	3624076.00,	113.14,	113.14,	0.00)	DC
	10TH HIGHEST VALUE IS	7.36152	490060.00,	3624226.00,	113.98,	113.98,	0.00)	DC

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				OF TYPE	NETWORK GRID-ID
MOD	1ST HIGHEST VALUE IS	90.62752 AT	(490307.00,	3624521.00,	111.83,	111.83,	0.00)	DC
	2ND HIGHEST VALUE IS	89.99254 AT	(490307.00,	3624511.00,	112.10,	112.10,	0.00)	DC
	3RD HIGHEST VALUE IS	85.06256 AT	(490307.00,	3624501.00,	112.39,	112.39,	0.00)	DC
	4TH HIGHEST VALUE IS	83.30568 AT	(490296.00,	3624511.00,	112.46,	112.46,	0.00)	DC
	5TH HIGHEST VALUE IS	82.47935 AT	(490307.00,	3624491.00,	112.57,	112.57,	0.00)	DC
	6TH HIGHEST VALUE IS	82.36219 AT	(490296.00,	3624501.00,	112.73,	112.73,	0.00)	DC
	7TH HIGHEST VALUE IS	80.47375 AT	(490307.00,	3624481.00,	112.71,	112.71,	0.00)	DC
	8TH HIGHEST VALUE IS	79.87558 AT	(490296.00,	3624491.00,	112.96,	112.96,	0.00)	DC
	9TH HIGHEST VALUE IS	78.29060 AT	(490307.00,	3624471.00,	112.83,	112.83,	0.00)	DC
	10TH HIGHEST VALUE IS	77.22308 AT	(490296.00,	3624481.00,	113.06,	113.06,	0.00)	DC
NB1	1ST HIGHEST VALUE IS	55.81199 AT	(490370.00,	3624476.00,	108.59,	108.59,	0.00)	DC
	2ND HIGHEST VALUE IS	51.11634 AT	(490380.00,	3624486.00,	108.19,	108.19,	0.00)	DC
	3RD HIGHEST VALUE IS	50.01765 AT	(490370.00,	3624466.00,	109.03,	112.71,	0.00)	DC
	4TH HIGHEST VALUE IS	48.45725 AT	(490317.00,	3624521.00,	111.56,	111.56,	0.00)	DC
	5TH HIGHEST VALUE IS	47.36407 AT	(490390.00,	3624496.00,	108.01,	110.33,	0.00)	DC
	6TH HIGHEST VALUE IS	46.15302 AT	(490370.00,	3624456.00,	109.29,	112.71,	0.00)	DC
	7TH HIGHEST VALUE IS	45.59852 AT	(490317.00,	3624491.00,	112.34,	112.34,	0.00)	DC
	8TH HIGHEST VALUE IS	45.06763 AT	(490380.00,	3624476.00,	108.20,	108.51,	0.00)	DC
	9TH HIGHEST VALUE IS	44.48858 AT	(490400.00,	3624506.00,	108.57,	110.33,	0.00)	DC
	10TH HIGHEST VALUE IS	42.44275 AT	(490370.00,	3624446.00,	109.45,	112.71,	0.00)	DC
NB2	1ST HIGHEST VALUE IS	71.13863 AT	(490319.00,	3624545.00,	110.69,	110.69,	0.00)	DC
	2ND HIGHEST VALUE IS	68.28244 AT	(490360.00,	3624566.00,	110.22,	110.22,	0.00)	DC
	3RD HIGHEST VALUE IS	66.49666 AT	(490350.00,	3624566.00,	110.22,	110.22,	0.00)	DC
	4TH HIGHEST VALUE IS	65.85381 AT	(490370.00,	3624566.00,	110.23,	110.23,	0.00)	DC
	5TH HIGHEST VALUE IS	63.86690 AT	(490319.00,	3624535.00,	110.81,	110.81,	0.00)	DC
	6TH HIGHEST VALUE IS	60.37019 AT	(490340.00,	3624566.00,	110.19,	110.19,	0.00)	DC
	7TH HIGHEST VALUE IS	59.58951 AT	(490380.00,	3624566.00,	110.49,	110.49,	0.00)	DC
	8TH HIGHEST VALUE IS	57.41409 AT	(490317.00,	3624521.00,	111.56,	111.56,	0.00)	DC
	9TH HIGHEST VALUE IS	56.35795 AT	(490319.00,	3624525.00,	111.22,	111.22,	0.00)	DC
	10TH HIGHEST VALUE IS	55.92550 AT	(490410.00,	3624526.00,	109.39,	109.39,	0.00)	DC
NB3	1ST HIGHEST VALUE IS	55.61416 AT	(490317.00,	3624481.00,	112.49,	112.49,	0.00)	DC
	2ND HIGHEST VALUE IS	54.30098 AT	(490317.00,	3624491.00,	112.34,	112.34,	0.00)	DC
	3RD HIGHEST VALUE IS	53.95428 AT	(490317.00,	3624511.00,	111.96,	111.96,	0.00)	DC
	4TH HIGHEST VALUE IS	53.88757 AT	(490317.00,	3624501.00,	112.14,	112.14,	0.00)	DC
	5TH HIGHEST VALUE IS	50.93129 AT	(490370.00,	3624476.00,	108.59,	108.59,	0.00)	DC
	6TH HIGHEST VALUE IS	48.99433 AT	(490317.00,	3624521.00,	111.56,	111.56,	0.00)	DC
	7TH HIGHEST VALUE IS	46.81508 AT	(490317.00,	3624461.00,	112.66,	112.66,	0.00)	DC
	8TH HIGHEST VALUE IS	46.32961 AT	(490370.00,	3624466.00,	109.03,	112.71,	0.00)	DC
	9TH HIGHEST VALUE IS	45.65898 AT	(490380.00,	3624486.00,	108.19,	108.19,	0.00)	DC
	10TH HIGHEST VALUE IS	45.56395 AT	(490317.00,	3624471.00,	112.57,	112.57,	0.00)	DC

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)					OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	235.79521 AT	(490317.00,	3624521.00,	111.56,	111.56,	0.00)	DC	
	2ND HIGHEST VALUE IS	220.41561 AT	(490317.00,	3624511.00,	111.96,	111.96,	0.00)	DC	
	3RD HIGHEST VALUE IS	213.79349 AT	(490319.00,	3624525.00,	111.22,	111.22,	0.00)	DC	
	4TH HIGHEST VALUE IS	211.75778 AT	(490307.00,	3624521.00,	111.83,	111.83,	0.00)	DC	
	5TH HIGHEST VALUE IS	209.35633 AT	(490307.00,	3624511.00,	112.10,	112.10,	0.00)	DC	
	6TH HIGHEST VALUE IS	208.36725 AT	(490309.00,	3624525.00,	111.70,	111.70,	0.00)	DC	
	7TH HIGHEST VALUE IS	205.09748 AT	(490317.00,	3624501.00,	112.14,	112.14,	0.00)	DC	
	8TH HIGHEST VALUE IS	203.75327 AT	(490307.00,	3624501.00,	112.39,	112.39,	0.00)	DC	
	9TH HIGHEST VALUE IS	203.05400 AT	(490317.00,	3624491.00,	112.34,	112.34,	0.00)	DC	
	10TH HIGHEST VALUE IS	198.53125 AT	(490307.00,	3624491.00,	112.57,	112.57,	0.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

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 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\AERMOD Projects\Franklin School\Franklin School ***
07/10/19
 *** AERMET - VERSION  14134 ***   ***                                                                        ***
14:23:32

PAGE 274
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            1 Warning Message(s)
 A Total of        11953 Informational Message(s)

 A Total of        43872 Hours Were Processed

 A Total of        10846 Calm Hours Identified

 A Total of         1107 Missing Hours Identified (  2.52 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 MX W481   43873         MAIN: Data Remaining After End of Year. Number of Hours=           48

    ************************************
    *** AERMOD Finishes Successfully ***
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Appendix B
Historic Resource Assessment

ESA

BENJAMIN FRANKLIN ELEMENTARY SCHOOL WHOLE SITE MODERNIZATION PROJECT

Historic Resources Assessment

Prepared for
San Diego Unified School District
Facilities Planning and Construction
4860 Ruffner Street
San Diego, CA 92111

May 2019

ESA

BENJAMIN FRANKLIN ELEMENTARY SCHOOL WHOLE SITE MODERNIZATION PROJECT

Historic Resources Assessment

Prepared for / Submitted to:
San Diego Unified School District
Facilities Planning and Construction
4860 Ruffner Street
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Project Location:
4481 Copeland Avenue, San Diego, CA 92116
La Mesa (CA) USGS 7.5-minute Topographic Quad
Township 16 South, Range 2 West, Section 29
Assessor Parcel Number: 4710-210-300
Acreage: 4.0 acres

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BENJAMIN FRANKLIN ELEMENTARY SCHOOL WHOLE SITE MODERNIZATION PROJECT

Historic Resources Assessment

Executive Summary

Environmental Science Associates (ESA) has been retained by the San Diego Unified School District (or "District") to prepare a Historic Resources Assessment (Report) for the proposed Benjamin Franklin Elementary School Whole Site Modernization Project ("Project" or "Proposed Project"). The District is proposing to make interior and exterior improvements to the buildings and campus grounds of Benjamin Franklin Elementary School ("Franklin ES or "campus"), including the repair, replacement, and modernization of facilities at the campus. This would include the modernization of Buildings 01-01, 02-02, and 02-03, which would include the repair of interior and exterior features, restroom renovation, a new public address system, and as-needed replacement/repair of doors, windows, and plumbing systems. Buildings 04-05 and 05-06 would be demolished. Further work would also include the repair of sidewalks and access ramps, and security fence modifications and additions. The focus of this Report is to identify and evaluate historic resources located on the Benjamin Franklin Elementary School campus. The campus is located at 4481 Copeland Avenue, within the City of San Diego (City), San Diego County (County), California on assessor parcel number (APN) 4710-210-300. The District is the lead agency pursuant to the California Environmental Quality Act (CEQA).

ESA evaluated Franklin ES for potential eligibility for listing in the National Register of Historic Places (National Register) and California Register of Historical Resources (California Register) as a historic district. Because the District is the lead agency, the local designation programs are not applicable and therefore Franklin ES was not evaluated against the City's Historical Resources Register criteria. As a result of ESA's research and survey investigations, Franklin ES is recommended eligible as a historic district under California Register Criterion 1 and 3. Franklin ES is associated with the construction of residential suburbs in the Kensington neighborhood due to the population boom associated with the thriving San Diego Naval Station and defense industry during World War II that made a significant contribution to the broad patterns of development at the local level. Further, Franklin ES is eligible as an example of an expanding elementary school campus reflective of evolving Modernist principles as designed by notable San Diego architects Frank W. Stevenson and Samuel Wood Hamill. Based upon this significance finding, a period of significance has been identified as 1933, when the first permanent building was constructed on campus, to 1950 when Building 05-06 was constructed, completing the expansion of the school to support the booming population in the Kensington community after World War II.

The following buildings constructed during the period of significance contribute to the eligibility of Franklin ES as a historic district under California Register Criteria 1 and 3: Buildings 01-01, 02-02, 02-03, 04-05, and 05-06, and are considered contributors to the Franklin ES historic district. Therefore, the contributing buildings comprising Franklin ES are assigned a California Historic Resources Status Codes of 3CD, "appears eligible for the California Register as a contributor to a CR eligible district through survey evaluation." Due to the proposed demolition of Buildings 04-05 and 05-06, mitigation is recommended to ensure the protection of the historic integrity of the remaining contributing buildings at the campus property.

Lastly, none of the buildings on campus appear to rise to the threshold of individual distinction to be individually eligible for the National Register or California Register on their own historical or architectural merits.

Introduction

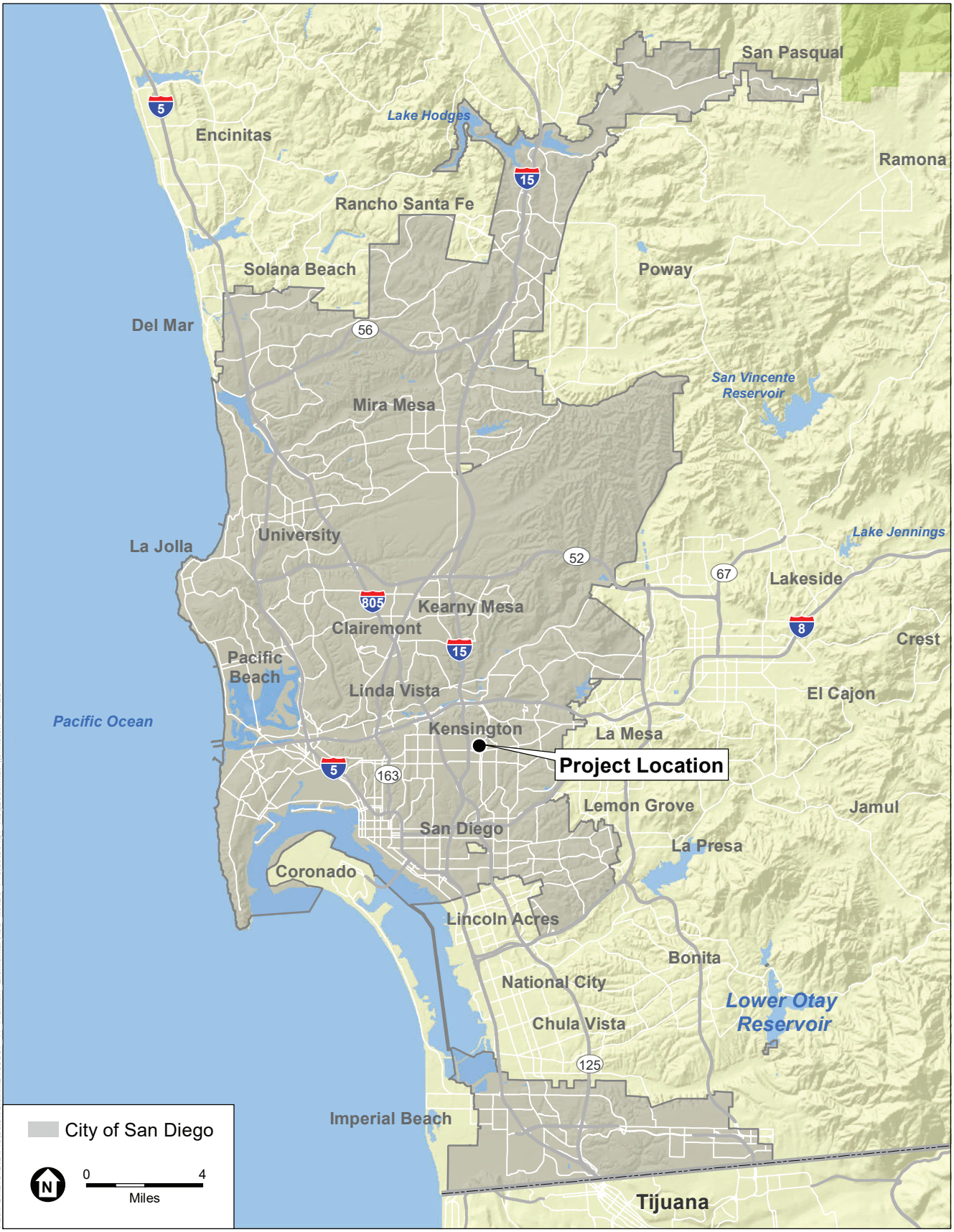
ESA has been retained by the District to prepare a Historic Resources Assessment (Report) for the Proposed Project. The 4.00-acre campus is presently developed with the buildings and grounds of Franklin ES, a part of the District. The District is proposing to make interior and exterior improvements to the buildings and campus grounds of Franklin ES, including the repair, replacement, and modernization of facilities at the campus. The focus of this Report is to identify and evaluate potential historic resources located on the campus, to evaluate proposed changes to the property under CEQA and the Secretary of the Interior's Standards for Rehabilitation, and propose recommendation to the proposed design for compliance.

Location

The 4.00-acre Franklin ES is located in the City of San Diego (City) in the Kensington neighborhood as shown in **Figure 1**, *Regional Location*. The boundaries of Franklin ES are shown in **Figure 2**, *Aerial Photograph of Franklin ES and Vicinity*. The northern boundary of the campus is Monroe Avenue; the irregular eastern boundary is Van Dyke Avenue, the southern border is Meade Avenue; and the western boundary is Copeland Avenue. The campus is depicted on the United States Geological Survey (USGS) 2015 7.5' La Jolla topographic quadrangle map. Primary regional access is provided by California Interstate 15 (I-15), which runs north-south, accessible from Adams Avenue approximately 0.6 miles to the northwest of the campus.

Research and Field Methodology

Professionals involved in the preparation of this report are as follows: Joel Levanetz, M.A., provided senior technical and compliance oversight; and report authors were Alison Garcia Kellar, M.S., senior architectural historian, Hanna Winzenried, M.A., and Millie Mujica, M.A., architectural historians. Each of these contributing authors meet the *Secretary of the Interior's Professional Qualification Standards* in history, architectural history, or historic architecture. Ms. Garcia authored the report under the direction of Mr. Levanetz. Professional qualifications are provided in **Appendix A**.



SOURCE: ESRI; SanGIS 2015

Benjamin Franklin Elementary School

Figure 1
Regional Location

ESA

SOURCE: Mapbox

Benjamin Franklin Elementary School

Figure 2
Aerial Photograph of Franklin ES and Vicinity

ESA

The following tasks were performed:

- A pedestrian survey and digital photography was undertaken on March 9, 2019 to document the existing conditions of the campus and the surrounding vicinity.
- Site-specific research on the campus was conducted utilizing building permits, Sanborn Fire Insurance maps (Sanborn maps), *San Diego Union*, *San Diego Tribune*, and *Evening Tribune* at the University of California San Diego Geisel Library, Ancestry.com, Newspapers.com, and other published sources. Research was conducted at the San Diego History Center in Balboa Park.
- Review and analysis of ordinances, statutes, regulations, bulletins, and technical materials relating to federal and state, designation assessment processes, and related programs.
- Completion of a historic resource assessment of the potential historic resource based upon criteria used by the National Register and the California Register.
- A character-defining features analysis was conducted and provided to the architects to inform design development. A site plan and project description for the Proposed Project were reviewed, and input was provided regarding conformance with the Secretary of the Interior's Standards for Rehabilitation.
- A concept plan review for compliance with the CEQA Guidelines Section15064.5, for conformance with the Standards.

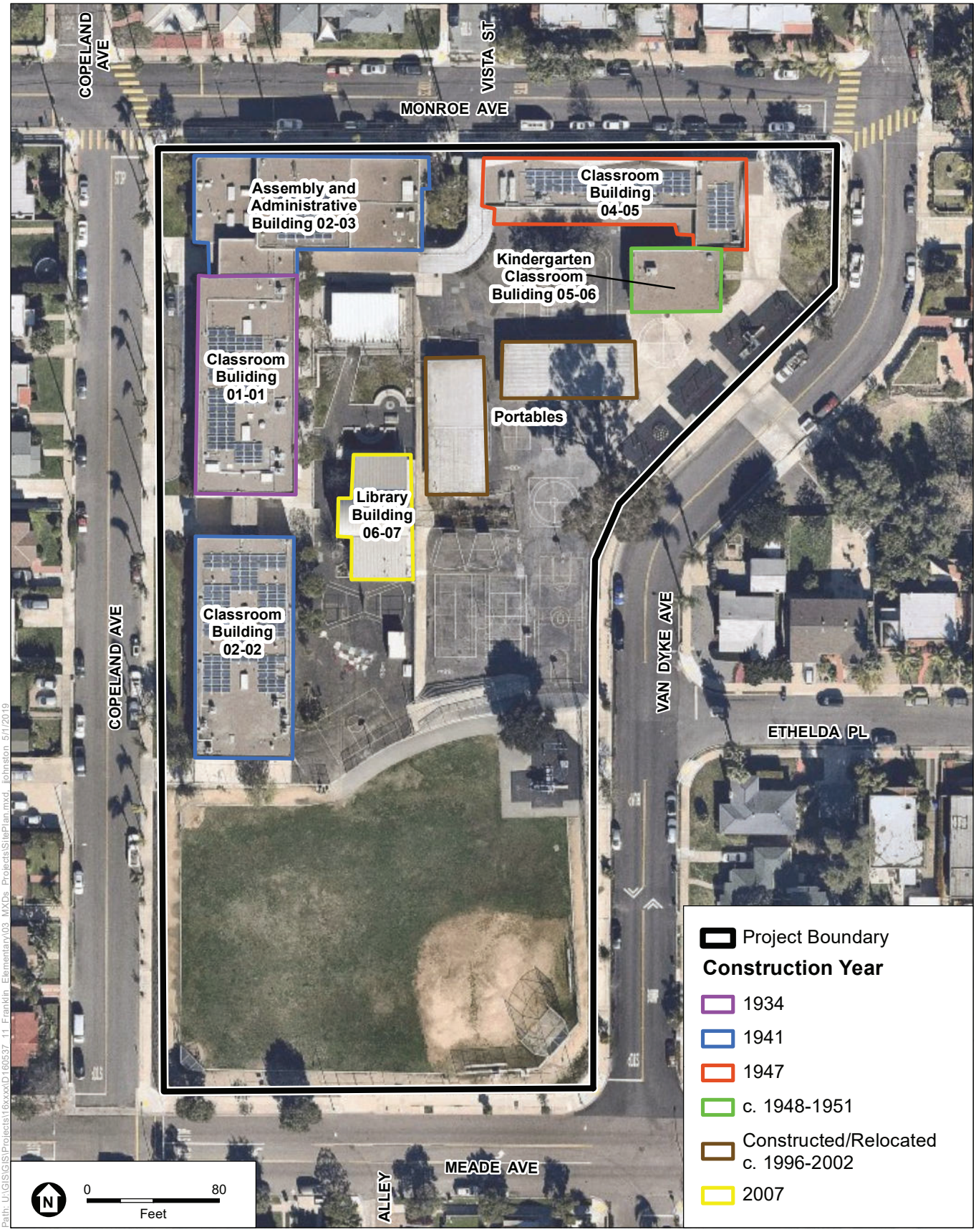
Historic Context

This thematic historic context presents the history of the region and Franklin ES, and was developed to document and support the identification and evaluation of historic architectural resources. Research indicates Franklin ES is associated with the following historical and architectural themes: (1) The Development of Kensington, (2) San Diego Unified School District, and (3) Franklin ES. Additionally, Report the Streamline Moderne and Mid-Century Modern architectural styles are represented, as are the architects responsible for designing the buildings at the Franklin ES campus, Frank W. Stevenson and Samuel Wood Hamill. Campus configuration and construction history is shown in **Figure 3**, *Site Map*.

The Development of Kensington

The map of Kensington Park was filed in 1910, with lot improvements commencing shortly thereafter. Construction was restricted to residential buildings only, with requirements on minimum construction spending. Craftsman style residences were the first buildings erected in Kensington Park, utilizing locally sourced building material. By the 1920s the dominant Craftsman architectural style was falling out of favor. With the residential-only restrictions on construction, there were no areas for local commerce in Kensington during this period.[1]

[1] Alexandra Wallace, Kiley Wallace, and Margaret McCann, *Images of America: San Diego's Kensington*, (Charleston: Arcadia Publishing, 2017), 11.



SOURCE: Digital Globe 2017

Benjamin Franklin Elementary School

Figure 3
Site Plan

ESA

With the onset of World War I, Kensington experienced a decline in construction due to material and manpower shortages. This resulted in the construction of only a few residences between 1914 and 1921, and remaining unbuilt lots were transferred to the Kensington Park Land Company. By the 1920 census, Kensington's first decade of existence was comprised of solidly middle-class residents.[2]

Immediately following World War I, the nation experienced a homeownership campaign, which was evident in the Kensington-area once postwar building resumed:

> *Expansion in the first part of the 1920s was to the east of Kensington Park, with Kensington Annex and Talmadge Park Unit No. 1 and Unit No. 2 mapped. The promotion of Talmadge Park was undertaken by Hollywood and Los Angeles businessmen. Developer Roy C. Lichty teamed with investors including Metro-Goldwyn-Mayer executive Louis B. Mayer and theater owner Sid Grauman to promote the "Movie Girl Subdivision," named because of its marketing and investment association with Hollywood silent film stars and sisters Norma, Constance, and Natalie Talmadge. […]*
>
> *To the immediate north of Kensington Park, the development of Kensington Manor Unit No. 1 commenced in 1925. This time, the dominant architectural style was to be Spanish Colonial Revival, popularized by the architecture of the Panama-California Exposition in Balboa Park. The Kensington Park Land Company teamed with architects and builders from Pasadena to promote and develop Kensington Manor, and the streets were laid out to follow the contours of the surrounding canyons.*[3]

The neighborhood continued to further expand in the 1930s with the opening of the Kensington Heights subdivision. Developers George Forbes, and the David-Baker Company of Pasadena created a commercial center around this area, once the deed restriction expired in 1926 to allow for commercial development in Kensington. Several residences along Adams Avenue were moved or repurposed to make way for commercial enterprises including shops and gas stations. In 1929, the first buildings, temporary wood portables, began Franklin ES on the corner of Monroe Avenue and Copeland Avenue. A small branch library was constructed at the city's newly deeded Pleasure Park. Despite this momentum, the Great Depression halted further development, leaving many empty lots throughout the neighborhood.[4]

Construction in Kensington resumed by the early 1940s following the end of the Great Depression. Open lots were improved with more modest homes, many featuring traditional Colonial details in favor of the more elaborate Spanish and Tudor styles of the 1920s. Several Streamline Modern residences were constructed in the later 1930s and early 1940s. World War II further transformed Kensington with a large influx of servicemen and women from around the country moving to local military bases within close proximity to the neighborhood. While construction slowed due to a shortage of able-bodied workers, rental tenants including soldiers

2 Ibid.
3 Ibid.
4 Ibid., 41.

and contractors moved in. Some residents even converted their detached garages into small apartments in order to accommodate those recently arrived. Franklin ES had a victory garden and ongoing bond drives during this time.[5]

After the end of the war, many of those who had moved to San Diego for war efforts decided to stay permanently. Kensington in particular became home to several military leaders, and bus service began to operate in the area shortly after. As was common across the nation, San Diego's economy boomed as a result of the war's end, allowing for an increase in home prices and the final development of remaining empty lots. San Diego's economy continued to thrive in the post-war era, and many veterans permanently settled in Kensington, raising families in the baby boom. Kensington Park became a part of the city in 1953. Restrictions on building styles in Kensington ended and infill construction included a variety of Colonial, Minimal Traditional, and Ranch styles.[6]

With the 1960s development of the Mission Valley Shopping Center, local businesses suffered closure, with many empty storefronts prompting a shift in the commercial tenant base that moved in. Plans to complete the connection of Interstate 15 and Interstate 805 freeways through a portion of Kensington took nearly 30 years to implement. During this time, houses in the proposed freeway path lost value and were abandoned and/or neglected. Entire blocks of single-family homes were moved or demolished to accommodate a six-lane freeway.[7]

San Diego Unified School District

Public education in the City of San Diego originates in 1850, when the Common Council appropriated funds for a school room in the sheriff's house. The origins of what would become the District, however, lie in School District No. 1, which was established on July 1, 1854. In 1865, the city erected the Little Green School on Mason Street, shortly followed by a new two-story school in the same location in 1872.[8] The first high school began in 1888 with the opening of Russ School. Russ School became San Diego High School in 1903, and in 1906 a new San Diego High School was constructed. This would be the only high school until the opening of La Jolla Junior-Senior High School in 1922. The school population expanded nearly 500%, from 3,000 to 14,275 students between 1900 and 1922, leading to the construction of sixteen new elementary schools in that time period, as well as San Diego's second high school (La Jolla) and first two junior high schools (Memorial and Theodore Roosevelt).[9]

The onset of the Great Depression saw financial difficulties for San Diego schools. High unemployment led to a shrinking tax base, which in turn led to decreased budgets for schools. This translated to increased class sizes and lower teacher salaries, but began to change with

5 Ibid., 67.

6 Ibid.

7 Ibid., 101.

8 San Diego Unified School District, *100 Years of Public Education in San Diego: July 1, 1854 to June 30, 1954* (San Diego: San Diego Unified School District, 1954), 3.

9 Tim Yates, *Modern San Diego Public School Development* (ICF for San Diego Unified School District, 2015), 1.

federal aid from the Roosevelt Administration's New Deal economic program.[10] By 1940, the District had expanded to thirty-eight elementary schools, five junior high schools, two junior-senior high schools, three high schools, a day and evening junior college, a continuation school, and a vocational school.[11]

This increase in school construction was further accelerated with the boom in wartime industry and military enrollment associated with World War II. Defense workers from across the country flooded into San Diego along with their children, who put a strain on San Diego's school system. The federal government under the Lanham Act of 1940 built housing for the workers and their families, and thirteen schools for their children.[12] During this time of immense growth, San Diego's population was 203,341 in 1940 which grew to 334,387 by 1950. Bonds issued in 1946, 1950, and 1953 funded new schools and paid for improvements to existing ones.[13] Yet even with the construction of new permanent school complexes and new buildings at older campuses, the District continued to rely on portable classrooms to accommodate the growing student population as evidenced at Franklin ES throughout its existence.

School building campuses designed during the Great Depression and World War II periods typically consisted of multiple buildings, some which were predominantly one-story and elongated in plan, with auditorium-cafeteria volumes that were taller in height than the rest of the structure. All buildings of this type appear to have been designed with interior circulation corridors and classroom entries.[14] Following World War II:

> *… the school site dominated by a large monumental building would become a symbol of the past. Provided with larger school sites in new suburban subdivisions, and committed to exploring Modernist indoor outdoor design principles, post-war school planners and architects would increasingly eliminate interior circulation corridors, spread out the school plan across a larger area, multiply the number of buildings, and treat the growing interstitial areas between buildings as integral elements of the educational built environment requiring careful attention to landscaping.*[15]

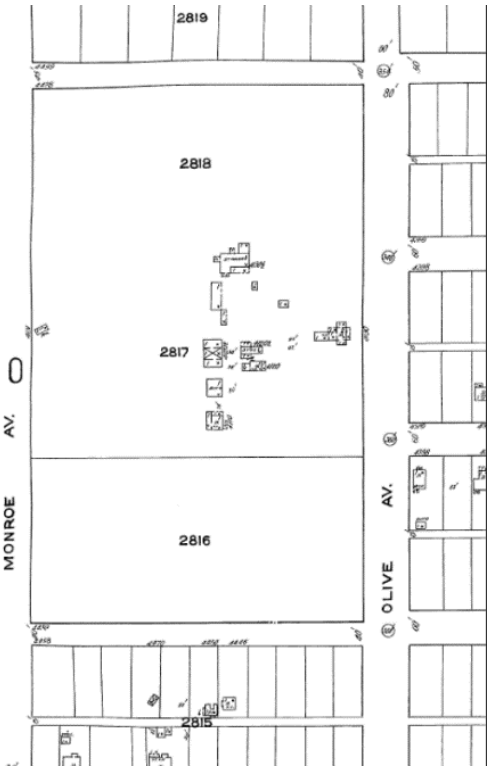
After the war, San Diego school architects quickly intermingled International style with newer architectural idioms to produce designs for schools that were considered to be "Mid-Century Modern." New San Diego-area schools designed in this post-war period were generally reflective of architectural trends, however, larger school sites in suburban areas allowed for a more in-depth application of indoor-outdoor design principles that older urbanized school sites could not support. While it was more common that this relationship between the inside and outside was more heavily exercised at building sites of the post-war era, a few innovative Modernist architects began to explore this approach prior to the war.[16] Designing in a Modernist idiom, notable

10 Ibid., 4.
11 Ibid.
12 Ibid., 7.
13 Ibid., 10.
14 Ibid., 10.
15 Ibid.
16 Ibid.

architect Samuel Hamill established himself as a Modernist designer prior to the war, and continued to design Modernist commissions during the post war construction boom.[17]

Benjamin Franklin Elementary School Establishment and Construction History

By 1920, the area surrounding the future Franklin ES site was undeveloped, while individual lots had been subdivided. Development immediately adjacent to the future Franklin ES site included a conglomeration of automobile garages, single family dwellings, and storage buildings, in what appears to have been a homestead on a large parcel of land (**Figure 4**). While the subject site remained undeveloped, surrounding smaller neighborhood parcels were developed sporadically, with one-story single family residences. Shortly deed restrictions on solely residential development within Kensington were lifted, at the end of a period of rapid neighborhood development due to the onset of the Great Depression. In 1929, the campus began with temporary wood portables at the site which were moved from adjacent Birney Elementary School.[18]



Franklin Elementary School Project / 170365.00

SOURCE: San Francisco Public Library

Figure 4
1920 Sanborn Map showing undeveloped subject parcel

17 Ibid., 15.

18 Wallace, Wallace and McCann, *San Diego's Kensington*, 77.

Local architects were asked to submit tentative sketches for the design of the first permanent building at the site in the summer of 1933.[19] Prominent local San Diego architect Frank W. Stevenson was soon after named as the architect for the proposed addition to the Franklin ES. Stevenson was to, "draw plans for a six-room addition to cost not more than $20,000."[20] His architectural plans for a "one-story six-room earthquake-proof structure" were accepted by the Board of Education (Board) that December.[21] Sealed bids were advertised for the school soon after, then closed due to non-conformance of prevailing wages for lath and plasterers.[22] Bids for a contractor to perform the work were again advertised the following month, with the lowest bid awarded to local contractors Calland and Eden. The accepted bid of $30,378 provided estimates for alternate configuration schemes, which won the contract as chosen by the Board. Alternative selections as chosen by the Board included the addition of linoleum floors, using hard cement instead of certain tile wainscoting, and acoustic plaster ceilings.[23]

Plot plans created in 1933 for Building 01-01 (prior to its construction) depict six existing (at the time) wood buildings including a two-room classroom building, three three-room classroom buildings, a kindergarten classroom building, and a house that accommodated two classrooms (**Figure 6**). Two of the three-room classroom buildings sat where the present day Classroom Building 02-02 presently sits, while the reaming wood buildings sat in the present-day baseball field, and playground areas.

This first permanent building designed specifically for Franklin ES, Classroom Building 01-01 fronting Copeland Avenue, was completed by the fall of 1934 (**Figure 5**). Newspaper articles from the time touted the new building being "the first new 'earthquake proof' unit of a permanent group of buildings for the Benjamin Franklin School." [24] Construction costs were $33,000.[25]

Original building plans show the building's entry points were at either end of the building, north and south. In plan, a double-loaded corridor housed three classrooms to either side. Single multilite wood doors, with operable transoms above fed from the classrooms and onto the corridor. Toward the rear of each classroom is a 'cloak room' and a 'workroom' (**Figure 6).** The cloak room featured coat shelves and hooks, with built-in cupboards, and the workroom features a worktable with sink and small cabinetry, and additional cubicles. Classrooms had slate black boards with chalk troughs, open book recessed shelves, and a teacher's wardrobe with shelves and coat hooks (**Figures 7 and 8**).

19 "Buying Agent's Post Abolished by School Board," *San Diego Union*, September 6, 1933.

20 "Webber Named on Playground Commission," *Evening Tribune*, September 19, 1933.

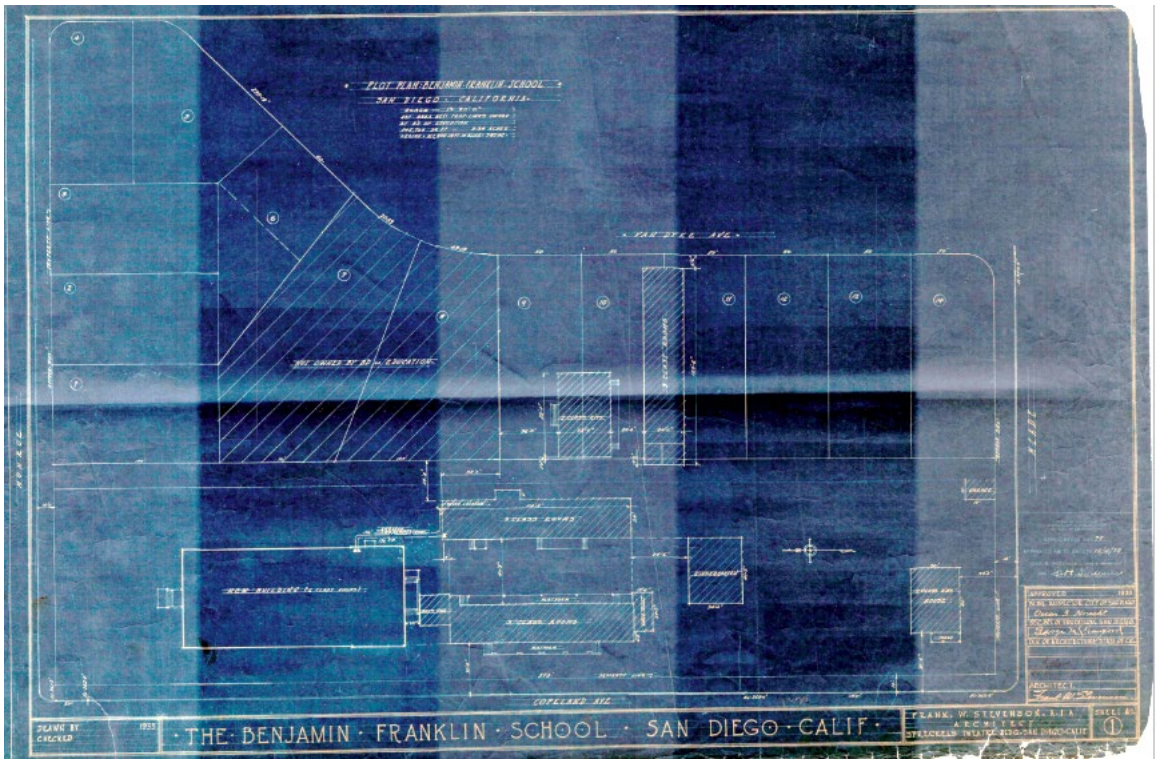
21 "Accepts Plans for $20,000 S.D. School," *Evening Tribune*, December 12, 1933.

22 "Notice to Building Contractors," *San Diego Union*, December 20, 1933.

23 "S.D. School Annex Contract Awarded," *Evening Tribune*, January 23, 1934.

24 "Unit of 'Earthquake-Proof' S.D. School," *The Evening Tribune*, Oct. 17, 1934.

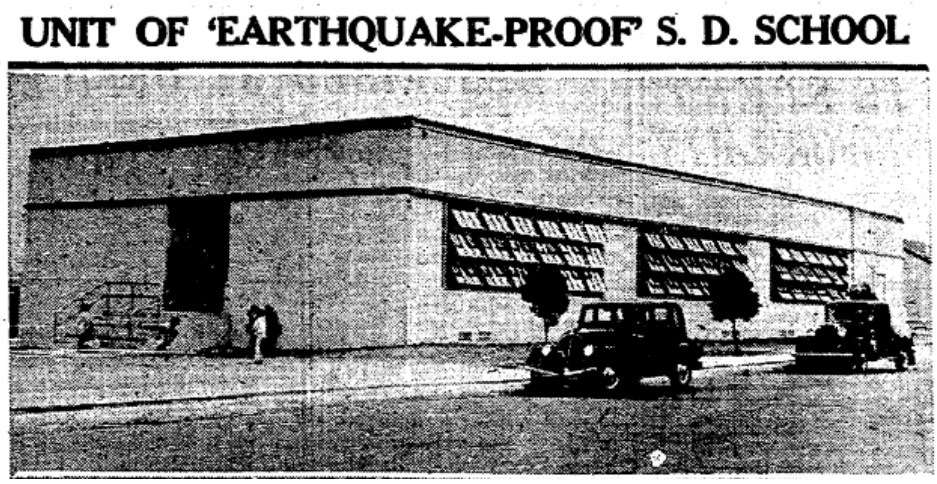
25 "New School is Proof Against Earth Shocks," *The San Diego Union*, October 19, 1934.



Franklin Elementary School Project / 170365.00

SOURCE: Evening Tribune

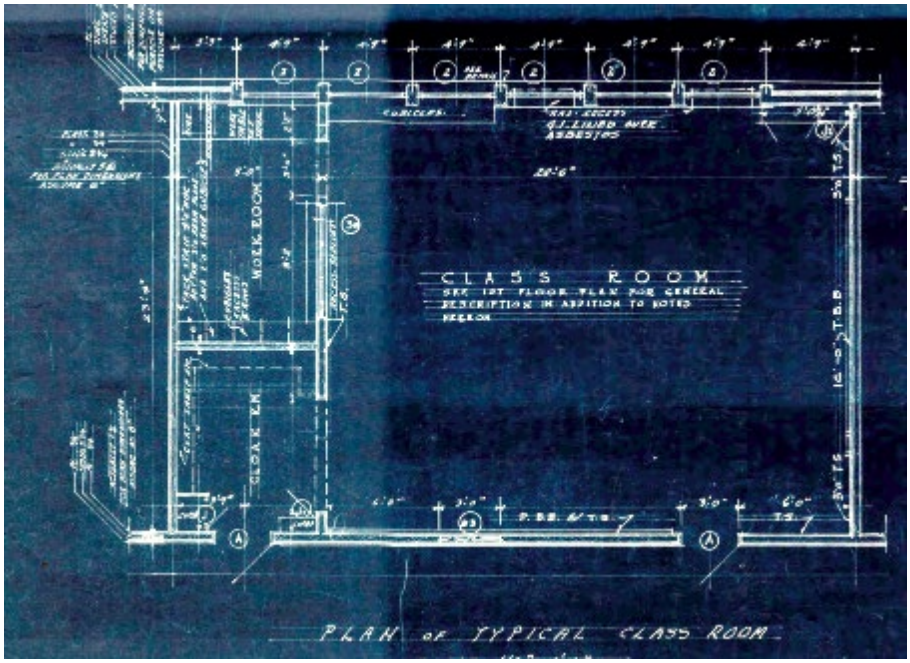
Figure 5
Plot plans for Franklin ES created by architect Frank W. Stevenson, 1933



Franklin Elementary School Project / 170365.00

SOURCE: San Diego Unified School District

Figure 6
Newspaper photograph of Franklin ES Building 01-01 under construction, 1934



Franklin Elementary School Project / 170365.00

SOURCE: San Diego Unified School District

Figure 7
Classroom plan detail Franklin ES created by architect Frank W. Stevenson, 1933

Franklin Elementary School Project / 170365.00

SOURCE: Benjamin Franklin Elementary School

Figure 8
Children in Franklin ES Building 01-01 shortly after construction, 1934

Five years after the construction of the initial permanent building, the Board authorized a $292,000 school building program for the 1939-1940 school year. This funding was authorized just one month before the beginning of World War II. The construction of six additional classrooms and an administrative unit and auditorium at Franklin ES were considered to be chief items as part of this program. [26] As part of the site preparations for the new buildings at the site, an alleyway at the property was to be closed off in order to provide additional land for new structures.[27] Additional land surrounding the campus was to be purchased for $10,000 for the school's expansion.[28]

The Streamline Moderne-designed administrative and assembly addition (Building 02-03) and the second bank of classrooms (Building 02-02) were designed by prominent San Diego architect Samuel Wood Hamill. By the fall of 1939, these two new buildings were under construction. According to a *San Diego Union* newspaper article, "One of the new buildings will consist of six classrooms; the other one will have a new auditorium, cafeteria, office, nurses' room, and a teachers' rest room in it. There will then be two wooden, and three concrete buildings in the school." [29] While construction of these two additional buildings was underway, school principal Louise E. Weller set up her office in a camper trailer.[30]

Construction continued through the fall of the following year, 1940 (**Figure 9**).[31] Building 02-03 was largely completed by mid-December, and dedicated in May of 1941.[32] The building included several Streamline Moderne features at the exterior, and enclosed Building 01-01 to the north with a shared interior corridor (**Figures 10 and 11**). The plot plan developed as part of the 1940 construction work depicts that several of the wood portable buildings from the 1933 set of drawings were still extant by this time (**Figure 12**). It is unclear when these buildings were demolished. Other original features from this time included a sand blasted pair of wood doors with a Benjamin-Franklin motif, and classrooms with entry spaces and workspaces replete with built-in cabinetry (**Figures 13 and 14**).

26 "$292,000 Voted for School Units," *San Diego Union*, August 22, 1939.

27 "Alley Closing Sought for School Addition," *San Diego Union*, September 22, 1939.

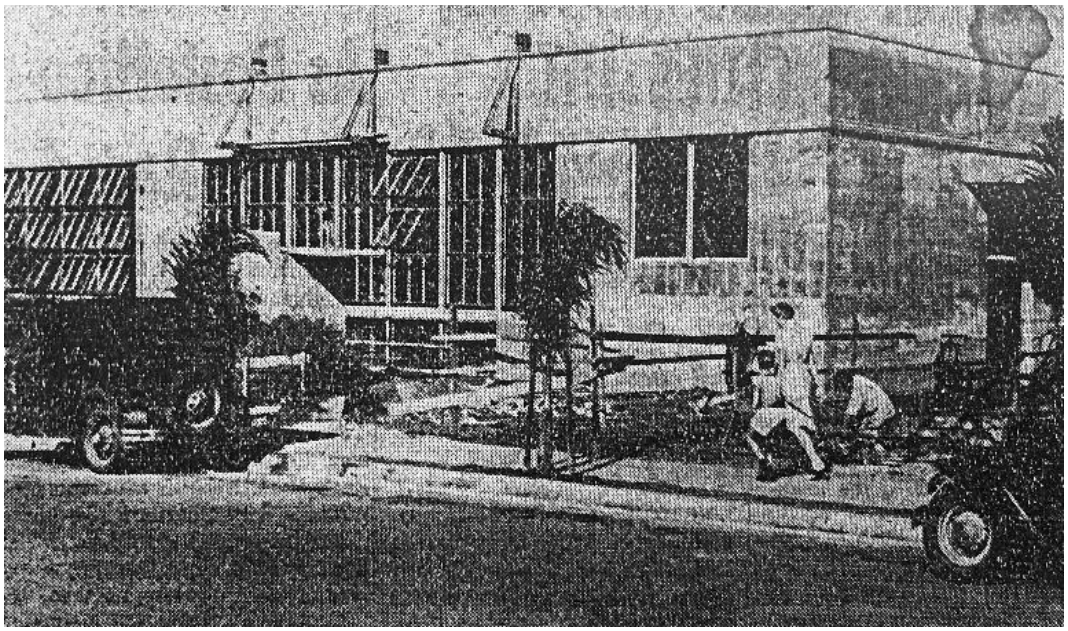
28 "Authorize Land Purchase," *San Diego Union,* October 3, 1939, and "Alley Closing O.K.'d for New Auditorium," *San Diego Union,* October 6, 1939.

29 "New Buildings Are Under Way at Franklin," *San Diego Union*, October 20, 1940.

30 "School Business in Trailer as New Building Under Way," *Tribune Sun*, September 21, 1940.

31 Ibid.

32 "Board of Education Accepts Drawing for Edison School," *San Diego Union*, December 18, 1940, and "Head is Empty," *San Diego Union*, May 3, 1941.



Franklin Elementary School Project / 160537.11

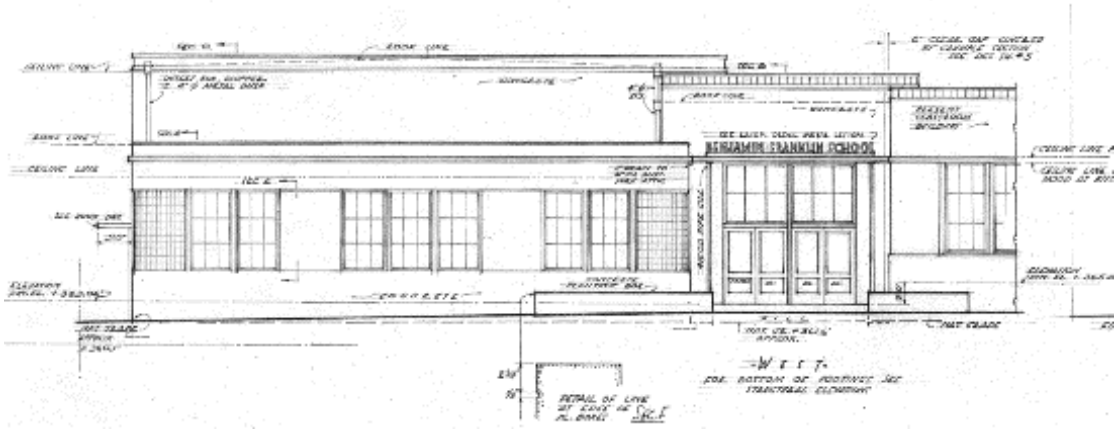
SOURCE: Tribune-Sun Newspaper

Figure 9
Building 02-02 under construction, 1940

Franklin Elementary School Project / 170365.00

SOURCE: Benjamin Franklin Elementary School

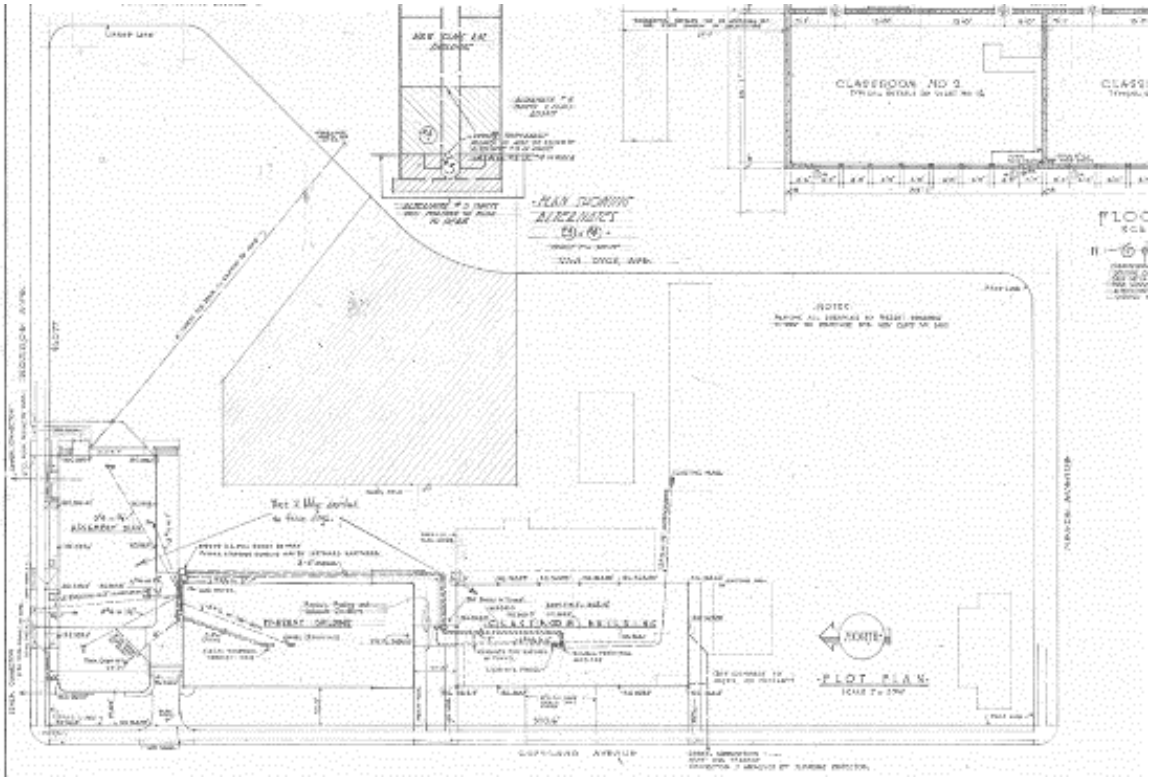
Figure 10
Building 02-03 entrance as it has appeared since construction, 1953



Franklin Elementary School Project / 160537.11

SOURCE: San Diego Unified School District

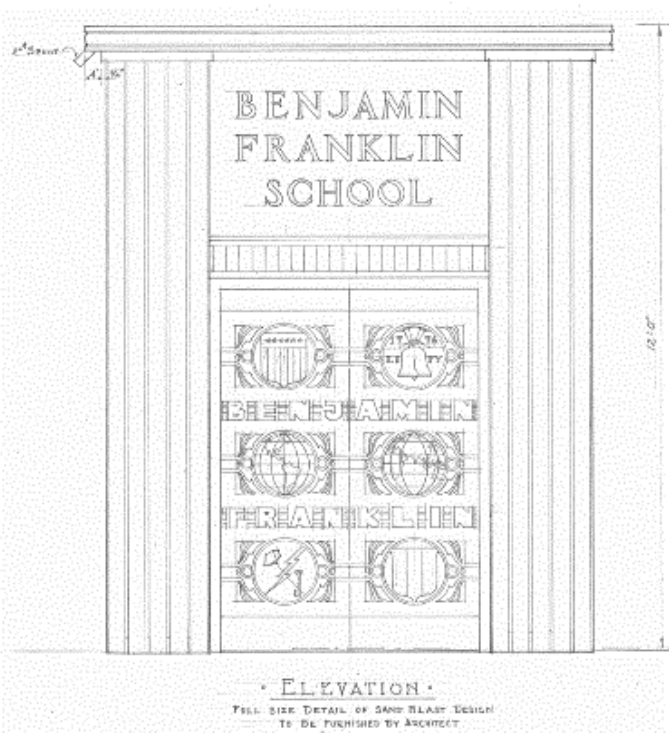
Figure 11
Detail of west facade of Building 02-03 designed by architect Samuel Hamill, 1933



Franklin Elementary School Project / 170365.00

SOURCE: San Diego Unified School District

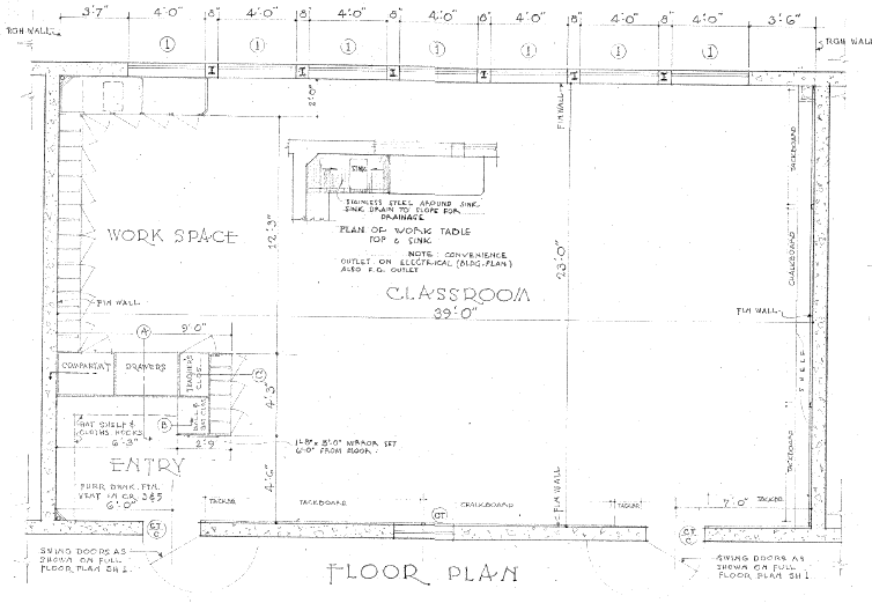
Figure 12
Franklin ES plot plan with extant auxiliary buildings, 1933



Franklin Elementary School Project / 160537.11

SOURCE: San Diego Unified School District

Figure 13
Detail of plan for auditorium door with sand-blasted detailing at Building 02-02 designed by Samuel Hamill, 1933



Franklin Elementary School Project / 170365.00

SOURCE: San Diego Unified School District

Figure 14
Detail of plan for typical classroom configuration at Building 02-02 designed by Samuel Hamill, 1933

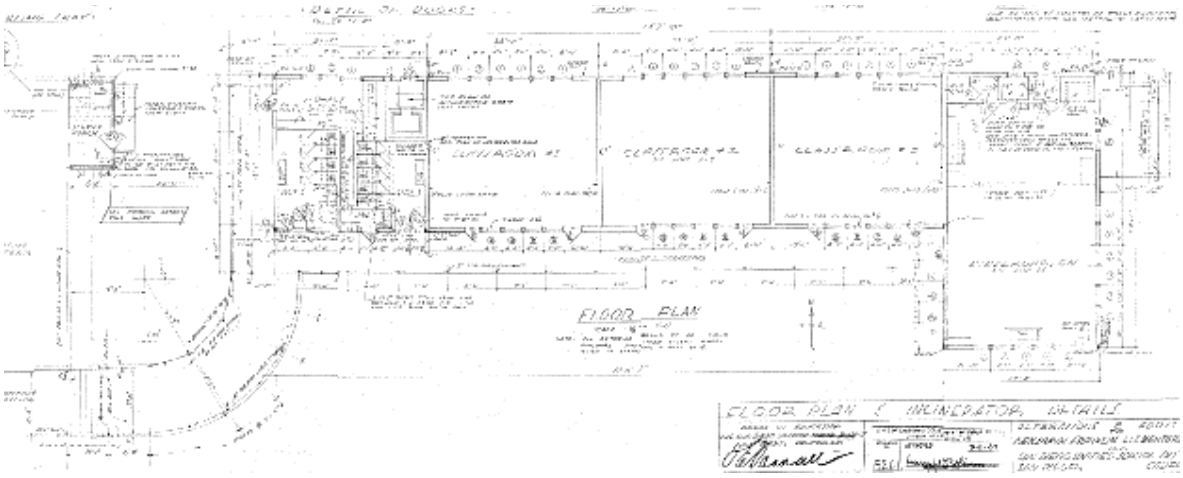
Due to the continued increase in school enrollment, likely because of the United States' entry into World War II and the influx of new families to the area, designs for an additional bank of classrooms were developed. By the fall of 1947, the Board set out an advertisement to receive sealed bids for "furnishing all labor, material, equipment, transportation and services for alterations and additions to Benjamin Franklin Elementary school."[33] Architect Samuel W. Hamill again designed this addition to the campus, a bank of classrooms (Building 04-05) extending east along Monroe Avenue (**Figure 15**). By October of 1947, the Board of Education had accepted the construction costs for the proposed classroom wing addition at the campus.[34] The stand-alone addition was constructed sometime between 1948 and 1951. Improvements as part of this work included a curvilinear covered walkway which connected to the new bank of classrooms, including boy's and girl's restrooms and a storage room. Organized horizontally, four classrooms lead onto a covered walkway. Classrooms included built-in cabinetry including shelves, drawers, and overhead cabinets. This addition similarly included built-in cabinetry as the previous addition designed by Hamill, with small tiled pool adorned with a metal figurine at the easternmost kindergarten classroom.

As enrollment continued to grow, in 1951 Samuel Hamill also designed the smaller kindergarten classroom addition, Building 05-06, connecting to the previous addition at the southeast. In 1953, the kitchen area was remodeled which involved new equipment and a reconfiguration of the space and some of the walls. A Sanborn map created in 1959 shows the campus with one auxiliary building to the south of Building 02-02 (**Figure 16**). Two new portables were constructed in 1960. Playground improvements in 1963 included the demolition of adjacent buildings at the south of the parcel, and the relocation of existing portables in addition to regrading, new fencing and recreational play equipment. Two additional portables were constructed in 1967 and 1968, respectively.

An outdoor recessed concrete 'lunch court' was constructed adjacent to original Building 01-01 in 1973. Site modifications continued in the 1980s including new gates and fencing, a new baseball field and baseball diamond with a new backstop, and new playground equipment. Piping for water was replaced during this period. Aerial photos taken between 1980 and 1989 indicate that the majority of the south and east portions of the parcel was developed for recreational use during this time. In the 1990s, two portables were added, and in 1998 several were renovated. Aerial maps indicate that the two large portable structures were constructed or relocated to their current location between 1996 and 2002. In 2001, a permanent shade structure was constructed at the lunch court. ADA ramps were added to the campus, and all permanent buildings received electrical upgrades.

33 "Advertisement for Bids," *San Diego Union*, September 17, 1947.

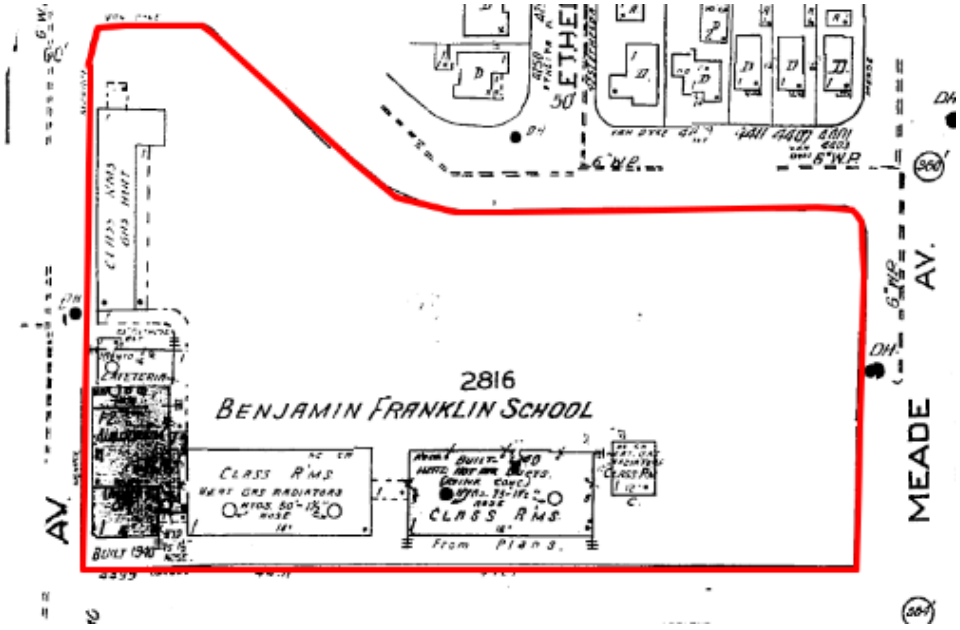
34 "No Action Taken," *San Diego Union*, November 5, 1947.



Franklin Elementary School Project / 160537.11

SOURCE: San Diego Unified School District

Figure 15
Plan for Building 04-05 addition designed by architect Samuel Hamill, 1947



Franklin Elementary School Project / 170365.00

SOURCE: San Francisco Public Library

Figure 16
Sanborn Map with subject property outlined in red, 1959

More recent modernization efforts in 2007 included the demolition of existing portables and the construction of a new library building (Building 06-07) and corresponding landscaping (**Figure 17**). A curb cut was inserted along the west elevation to allow for a pickup/drop-off area. The restrooms were upgraded, and new stairs at the auditorium were included. Electrical lifts were inserted into Building 02-03; with one at the auditorium and two at the corridor hallway. More recent upgrades included an electrical display adhered to the west elevation of Building 01-01 at the pickup/drop-off area in 2017, and the installation of HVAC systems throughout all permanent buildings in 2018. Currently, the fields at the southern end of the campus operate as a City Park in a joint-use agreement between the City and the District.[35]

Franklin Elementary School Project / 160537.11

SOURCE: ESA, 2019

Figure 17
Library building, constructed in 2007

[35] San Diego Unified School District, "More than 75 Joint-use parks at San Diego Unified schools open during Spring Break," Sandiegoschool.org. https://www.sandiegounified.org/newscenter/news-release-more-75-joint-use-parks-san-diego-unified-schools-open-during-spring-break (accessed March 20, 2019).

Frank W. Stevenson

Architect Frank W. Stevenson designed the first permanent building (Building 01-01) at the Franklin ES campus in 1933. Stevenson was born on August 15, 1892 in Indiana, and studied architecture at the University of Michigan.[36] He then studied architecture at the Beaux Arts Atelier in Indianapolis, Indiana and worked for the Indiana firm of McGaw and Stevenson for two years following graduation.[37] Stevenson received his certificate to practice architecture in California in 1924 where he went on to join the San Diego firm of Rogers and Stevenson, Architects for nearly two years.[38] He continued to work in San Diego as the chief draftsman for Clarence Martindale and Company, Architects for the next three years.[39]

Stevenson was an active architect in San Diego from the 1920s through the 1950s and is considered a master architect in the city. Notable works include the Armed Services YMCA (1924), the Medico-Dental Building (1927) considered to be San Diego's first high rise, the Downtown YWCA (1926), and other schools for District including the John Adams Elementary School. It appears that Stevenson had established his own firm by the time he designed the early building for Franklin ES in 1933. Stevenson was a founding member of the San Diego chapter of the American Institute of Architects, and was one of the original lifetime members of the San Diego Club.[40] Stevenson passed away in 1968 in San Diego.

Samuel Wood Hamill

Architect Samuel Wood Hamill designed the second bank of classrooms (Building 02-02) and the administration and assembly building (Building 02-03) in 1941. He later designed two further additions including Buildings 04-05 and 05-06. Hamill was born on April 27, 1903 in Globe, Arizona and moved with his family to San Diego in 1909. While in high school, Hamill took a drafting class taught by prominent California architect Lilian Rice who would become his mentor.[41] Hamill went on to graduate with a degree in architecture in 1927 from the University of California Berkeley and went on to work for the San Diego firm of Requa and Jackson where Rice also worked before starting her own practice. Hamill was entrusted with the residential designs at the firm, known for their application of the "Southern Californian," or Mediterranean, style. In 1931, he became partner of the notable San Diego firm of Requa and Jackson.[42] In 1935, Hamill was one of four local architects hired to design the highly visible Works Progress Administration-sponsored San Diego City and County Administration Building and was elected as chief supervisory architect.[43] Constructed in 1936, the administration building is still known today as the "jewel on the [San Diego] bay."[44] Hamill became the principal architect of Requa

36 "Frank W. Stevenson (Architect)," *PCAD*, accessed March 14, 2019, http://pcad.lib.washington.edu/person/2136/.

37 San Diego Historical Resources Board, *Biographies of Established Masters*, 2011, 49.

38 Stevenson (Architect)," *PCAD*.

39 Historical Resources Board, 49.

40 "Architect Stevenson Dead at 76," *Evening Tribune*, 1968. Subject clipping files: Dictionary Hill at the San Diego History Center.

41 Ibid., 12.

42 "Samuel Wood Hamill (1903-1989)," *San Diego History Center*, accessed March 14, 2019, http://www.sandiegohistory.org/archives/biographysubject/hamill/.

43 Historical Resources Board, 12.

44 "Bridging the Centuries: The Jewel on the Bay," Clerk of the Board of Supervisors, County of San Diego, 2012.

and Jackson when firm founders retired. It is around this time that Hamill designed the Streamline Moderne addition to Franklin ES. Seven years later, he designed the elongated classroom addition (Building 04-05) and in 1947, another smaller addition (Building 05-06). Both of these later additions were markedly different than the 1933 addition, reflective of a change in his style as his career evolved. Other modernist Hamill-designed buildings included such notable extant buildings such as the Veteran's War Memorial Building in Balboa Park (1950). Hamill was also recognized as an influential civic leader and helped found several organizations such as the Committee of 100 and the San Diegans, Inc. The San Diegans, Inc. was formed to save downtown San Diego, commissioning an economic study to identify the problems of the downtown area leading to blight and vacancy. As a result of the San Diegan's involvement, a large redevelopment effort ensued in the 1960s, spurred by the City's completion of a General Plan.[45] As a result, Hamill designed the extant Civic Center and Community Concourse in downtown San Diego in 1964. He is considered a master architect in San Diego and served as the president of American Institute of Architects for three terms and was elevated to a fellow of the organization in 1957. He retired in 1968 and passed away in 1989.[46]

Moderne Style (1930-1945) & Streamline Moderne (1925-1950)

The Moderne style was popular during the Great Depression as developed by government relief projects. During this period the government created jobs for architects, designers, and builders by putting them to work, creating hundreds of government and civic buildings, including post offices, train stations, public schools, museums, bridges, and dams throughout the United States. Moderne structures reflected a greater use of conservative and classical elements and had a distinct monumental feel to them. The Moderne style was characterized by board-form or smooth concrete exteriors; schools were typically flat-roofed, although occasionally some had gabled or hipped tile roofs; they were generally symmetrical; mostly with horizontal emphasis; piers and pilasters, often fluted or reeded, provided architectural order, dividing structural bays and separating recessed window channels; shallow relief panels and interior murals were often incorporated; rounded and bullnosed corners or other curved elements were characteristic; and Art Deco motifs such as chevrons gave the schools a stylized appearance.

Portions of the Franklin ES campus were designed in the Moderne Style, which focused on horizontal emphasis and "dispenses with explicit ornamental references to earlier forms of architecture." Further, buildings in this style incorporated asymmetrical massing, flat roofs, smooth wall surfaces, curving corners, glass-block windows, steel-framed windows, and horizontal string courses. As an example, Kit Carson Elementary School was also a Moderne style school in San Diego (**Figure 18**). The building incorporated a curved wall with glass block windows, sculptural panels, exterior fluting, and rectangular banks of windows. Schools from this time period were typically designed with interior circulation corridors and classroom entries. The typical school plans were for one-story, elongated buildings and an auditorium-cafeteria built

[45] Heritage Architecture & Planning, *San Diego Modernism Historic Context Statement*, City of San Diego, 2007, 54.

[46] Historical Resources Board, 12.

higher than the classrooms. Kit Carson Elementary School's U-shaped plan, two-story height, and prominent sculptural panels helped the building retain the "civic monumental character" of earlier large school buildings.[47]

Franklin Elementary School Project / 160537.11

SOURCE: *Modern San Diego Public School Development*

Figure 18
Kit Carson Elementary School, 1943

Also referred to as the Streamline Moderne style, as noted in the *San Diego Modernism Historic Context Statement*:

> *Starting in the early 1930's Art Moderne or Streamline Moderne architecture overtook Art Deco as its simplified forms and minimal ornament expressed frugal depression times. In contrast to the highly ornamented buildings of the Art Deco style, Moderne structures were characteristically smooth walled and asymmetrical, with little unnecessary ornamentation and simple aerodynamic curves of concrete, plaster and glass block. Streamline Moderne architecture was heavily influenced by Cubism and the Modern movement that were developing in Europe in the 1930's. In addition, the style was influenced by industrialization, machines, and formed metal elements including airplanes, trains, and boats. Architecture began to reinterpret these aerodynamic elements and take on their forms and details. In San Diego, examples of Streamline Moderne architecture occur as single-lot development by property owners who were interested in a modern aesthetic and are somewhat rare, especially in comparison to the Minimal Traditional style.*[48]
>
> *Influenced by the Cubism and Modern movements in Europe, Moderne structures were characteristically smooth walled and asymmetrical, with little unnecessary ornamentation and simple aerodynamic curves of concrete, plaster and glass block. The popularization of this new modern style was reinforced by the government during the depression as government funded New Deal projects such as the 1936-38 San Diego Civic Center (now the County Administration Center) adopted the style as the embodiment of government efficiency. This new*

47 Yates, *Modern San Diego Public School Development,* 10.

48 *San Diego Modernism Historic Context Statement*, 27.

> *Streamline style was a stark contrast to the lavishly ornamented Art Deco and Period Revival buildings of the pre-Depression years which had come to represent government waste and excess. Examples of the Streamline Moderne style can be found on almost every building type including commercial, multi-family residential apartments, and some single family residences.*[49]

Primary character defining features of this style included: flat roofs with coping, asymmetrical facade, horizontal massing and emphasis, smooth stucco finish, horizontal accents or "speedlines."

Mid-Century Modern Style (1945-1960) & Contemporary Style (1955-1965)

The Modern San Diego Public School Development historic context indicates that Mid-Century Modern style in San Diego was characterized by an emphasis on indoor-outdoor design, which was a result of an intermingling of the International Style with newer architectural trends. After World War II, new suburban subdivisions provided large sites for schools and architects would spread out many buildings across the site, with an emphasis on indoor-outdoor design.[50] Circulation was through open-air corridors covered by eave overhangs and sheltering canopies. Landscaping between buildings and along circulation paths became an important design element.[51]

The Mid-Century Modern Style or Contemporary Style was a later, mainstream evolution of the International Style which drew off of world-wide architectural trends of the 1920s and 30s that were reflective for formative decades of Modernism prior to World War II. In San Diego, iterations of the International Style appeared later, with most examples constructed after 1935. Here, the style is characterized by the rejection of applied ornament, including low horizontal massing, horizontal bands of flush windows, and ribbons of steel frame windows.[52]

Further to this, the *San Diego Modernism Historic Context Statement* identifies the Contemporary style as, "Buildings in these areas exemplify the style with long horizontal massing, extensive use of glass windows to open the interior space as to the street, updated Moderne elements such as "eyebrow" overhangs, and minimal architectural details on the facade."[53]

Regulatory Framework

Historical resources fall within the jurisdiction of the federal, state, and local designation programs. Federal laws provide the framework for the identification, and in certain instances, protection of historical resources. Additionally, state and local jurisdictions play active roles in the identification, documentation, and protection of such resources within their communities. The National Historic Preservation Act (NHPA) of 1966, as amended and the California Public

49 Ibid, 54.

50 Yates, *Modern San Diego Public School Development,* 10.

51 Ibid., 11.

52 *San Diego Modernism Historic Context Statement*, 58.

53 Ibid., 77.

Resources Code (PRC), Section 5024.1, are the primary federal and state laws and regulations governing the evaluation and significance of historical resources of national, state, regional, and local importance. Descriptions of these relevant laws and regulations are presented below. Because the District is the lead agency, the local designation programs are not applicable and therefore Franklin ES was not evaluated against the City's Historical Resources Register criteria.

Federal

National Historic Preservation Act of 1966

The principal federal law addressing historic properties is the National Historic Preservation Act (NHPA), as amended (54 United States Code of Laws [USC] 300101 et seq.), and its implementing regulations (36 CFR Part 800). Section 106 requires a federal agency with jurisdiction over a proposed federal action (referred to as an "undertaking" under the NHPA) to take into account the effects of the undertaking on historic properties, and to provide the Advisory Council on Historic Preservation (ACHP) an opportunity to comment on the undertaking.

The term "historic properties" refers to "any prehistoric or historic district, site, building, structure, or object included in, or eligible for inclusion in, the National Register" (36 CFR Part 800.16(*l*)(1)). The implementing regulations (36 CFR Part 800) describe the process for identifying and evaluating historic properties, assessing the potential adverse effects of federal undertakings on historic properties, and seeking to develop measures to avoid, minimize, or mitigate adverse effects. The Section 106 process does not require the preservation of historic properties; instead, it is a procedural requirement mandating that federal agencies take into account effects to historic properties from an undertaking prior to approval.

The steps of the Section 106 process are accomplished through consultation with the State Historic Preservation Officer (SHPO), federally-recognized Indian tribes, local governments, and other interested parties. The goal of consultation is to identify potentially affected historic properties, assess effects to such properties, and seek ways to avoid, minimize, or mitigate any adverse effects on such properties. The agency also must provide an opportunity for public involvement (36 CFR 800.1(a)). Consultation with Indian tribes regarding issues related to Section 106 and other authorities (such as NEPA and Executive Order No. 13007) must recognize the government-to-government relationship between the Federal government and Indian tribes, as set forth in Executive Order 13175, 65 FR 87249 (Nov. 9, 2000), and Presidential Memorandum of Nov. 5, 2009.

National Register of Historic Places

The National Register was established by the NHPA of 1966, as "an authoritative guide to be used by federal, State, and local governments, private groups and citizens to identify the Nation's historic resources and to indicate what properties should be considered for protection from destruction or impairment" (36 CFR 60.2) (U.S. Department of the Interior, 2002). The National Register recognizes a broad range of cultural resources that are significant at the national, state, and local levels and can include districts, buildings, structures, objects, prehistoric archaeological sites, historic-period archaeological sites, traditional cultural properties, and cultural landscapes.

As noted above, a resource that is listed in or eligible for listing in the National Register is considered "historic property" under Section 106 of the NHPA.

To be eligible for listing in the National Register, a property must be significant in American history, architecture, archaeology, engineering, or culture. Properties of potential significance must meet one or more of the following four established criteria:

A. Are associated with events that have made a significant contribution to the broad patterns of our history;

B. Are associated with the lives of persons significant in our past;

C. Embody the distinctive characteristics of a type, period, or method of construction or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or

D. Have yielded, or may be likely to yield, information important in prehistory or history.

In addition to meeting one or more of the criteria of significance, a property must have integrity. Integrity is defined as "the ability of a property to convey its significance" (U.S. Department of the Interior, 2002). The National Register recognizes seven qualities that, in various combinations, define integrity. The seven factors that define integrity are location, design, setting, materials, workmanship, feeling, and association. To retain historic integrity a property must possess several, and usually most, of these seven aspects. Thus, the retention of the specific aspects of integrity is paramount for a property to convey its significance.

Ordinarily religious properties, moved properties, birthplaces or graves, cemeteries, reconstructed properties, commemorative properties, and properties that have achieved significance within the past 50 years are not considered eligible for the National Register unless they meet at least one of the four significance criteria listed above, one of the Criteria Considerations (A-G), in addition to meeting at least one of the and possessing integrity (U.S. Department of the Interior, 2002).

State

California Environmental Quality Act

CEQA is the principal statute governing environmental review of projects occurring in the state and is codified at Public Resources Code (PRC) Section 21000 et seq. CEQA requires lead agencies to determine if a proposed project would have a significant effect on the environment, including significant effects on historical or unique archaeological resources. Under CEQA (Section 21084.1), a project that may cause a substantial adverse change in the significance of an historical resource is a project that may have a significant effect on the environment.

The *CEQA Guidelines* (Title 14 California Code of Regulations [CCR] Section 15064.5) recognize that historical resources include: (1) a resource listed in, or determined to be eligible by the State Historical Resources Commission, for listing in the California Register of Historical Resources (California Register); (2) a resource included in a local register of historical resources, as defined in PRC Section 5020.1(k) or identified as significant in a historical resource survey meeting the requirements of PRC Section 5024.1(g); and (3) any object, building, structure, site,

area, place, record, or manuscript which a lead agency determines to be historically significant or significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California by the lead agency, provided the lead agency's determination is supported by substantial evidence in light of the whole record. The fact that a resource does not meet the three criteria outlined above does not preclude the lead agency from determining that the resource may be an historical resource as defined in PRC Sections 5020.1(j) or 5024.1.

If a lead agency determines that an archaeological site is a historical resource, the provisions of Section 21084.1 of CEQA and Section 15064.5 of the *CEQA Guidelines* apply. If an archaeological site does not meet the criteria for a historical resource contained in the *CEQA Guidelines*, then the site may be treated in accordance with the provisions of Section 21083, which is as a unique archaeological resource. As defined in Section 21083.2 of CEQA a "unique" archaeological resource is an archaeological artifact, object, or site, about which it can be clearly demonstrated that without merely adding to the current body of knowledge, there is a high probability that it meets any of the following criteria:

- Contains information needed to answer important scientific research questions and there is a demonstrable public interest in that information;
- Has a special and particular quality such as being the oldest of its type or the best available example of its type; or,
- Is directly associated with a scientifically recognized important prehistoric or historic event or person.

If an archaeological site meets the criteria for a unique archaeological resource as defined in Section 21083.2, then the site is to be treated in accordance with the provisions of Section 21083.2, which state that if the lead agency determines that a project would have a significant effect on unique archaeological resources, the lead agency may require reasonable efforts be made to permit any or all of these resources to be preserved in place (Section 21083.1(a)). If preservation in place is not feasible, mitigation measures shall be required. The *CEQA Guidelines* note that if an archaeological resource is neither a unique archaeological nor a historical resource, the effects of the project on those resources shall not be considered a significant effect on the environment (*CEQA Guidelines* Section 15064.5(c)(4)).

A significant effect under CEQA would occur if a project results in a substantial adverse change in the significance of a historical resource as defined in *CEQA Guidelines* Section 15064.5(a). Substantial adverse change is defined as "physical demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of a historical resource would be materially impaired" (*CEQA Guidelines* Section 15064.5(b)(1)). According to *CEQA Guidelines* Section 15064.5(b)(2), the significance of a historical resource is materially impaired when a project demolishes or materially alters in an adverse manner those physical characteristics that:

A. Convey its historical significance and that justify its inclusion in, or eligibility for, inclusion in the California Register; or

B. Account for its inclusion in a local register of historical resources pursuant to section 5020.1(k) of the Public Resources Code or its identification in a historical resources survey meeting the requirements of section 5024.1(g) of the Public Resources Code, unless the public agency reviewing the effects of the project establishes by a preponderance of evidence that the resource is not historically or culturally significant; or

C. Convey its historical significance and that justify its eligibility for inclusion in the California Register as determined by a Lead Agency for purposes of CEQA.

In general, a project that complies with the Secretary of the Interior's Standards (Weeks and Grimer, 1995) is considered to have mitigated its impacts to historical resources to a less-than-significant level (*CEQA Guidelines* Section 15064.5(b)(3)).

California Register of Historical Resources

The California Register is "an authoritative listing and guide to be used by State and local agencies, private groups, and citizens in identifying the existing historical resources of the State and to indicate which resources deserve to be protected, to the extent prudent and feasible, from substantial adverse change" (PRC Section 5024.1[a]). The criteria for eligibility for the California Register are based upon National Register criteria (PRC Section 5024.1[b]). Certain resources are determined by the statute to be automatically included in the California Register, including California properties formally determined eligible for, or listed in, the National Register.

To be eligible for the California Register, a prehistoric or historic-period property must be significant at the local, state, and/or federal level under one or more of the following four criteria:

1. Is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage;
2. Is associated with the lives of persons important in our past;
3. Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values; or
4. Has yielded, or may be likely to yield, information important in prehistory or history.

A resource eligible for the California Register must meet one of the criteria of significance described above, and retain enough of its historic character or appearance (integrity) to be recognizable as a historical resource and to convey the reason for its significance. It is possible that a historic resource may not retain sufficient integrity to meet the criteria for listing in the National Register, but it may still be eligible for listing in the California Register.

Additionally, the California Register consists of resources that are listed automatically and those that must be nominated through an application and public hearing process. The California Register automatically includes the following:

- California properties listed on the National Register and those formally determined eligible for the National Register;
- California Registered Historical Landmarks from No. 770 onward; and,

- Those California Points of Historical Interest that have been evaluated by the OHP and have been recommended to the State Historical Commission for inclusion on the California Register.

Other resources that may be nominated to the California Register include:

- Historical resources with a significance rating of Category 3 through 5 (those properties identified as eligible for listing in the National Register, the California Register, and/or a local jurisdiction register);
- Individual historical resources;
- Historical resources contributing to historic districts; and,
- Historical resources designated or listed as local landmarks, or designated under any local ordinance, such as an historic preservation overlay zone.

Archival Research

South Central Coastal Information Center Records Search

A cultural resources records search was conducted at the South Coastal Information Center (SCIC) at San Diego State University on March 6, 2019. The records search included the Franklin ES campus and a 0.5-mile radius. The SCIC houses the pertinent archaeological and historic site and survey information necessary to determine whether cultural resources are known to exist within the project area. The records search included a review of all recorded historic built environment sites and the California Historical Resources Information System (CHRIS), which includes the National Register, the California Register, California Historical Landmarks, California Points of Historical Interest, and various local historical registers. ESA also reviewed the City of San Diego's inventory of historic properties (San Diego Register of Designated Historical Resources).

The results of the records search indicate 11 buildings and one archeological resource appear to be within a half-mile radius of Franklin ES, which are presented in **Table 1**. Due to the sensitive nature of archaeological resources, locational information is not disclosed within the body of this document. This information is included in Confidential Appendix C. Based on a pedestrian survey, none of the identified historic built environment resources are located within the vicinity of the campus or have either direct or indirect views of Franklin ES.

TABLE 1
HISTORICAL RESOURCES LOCATED WITHIN A QUARTER-MILE RADIUS OF FRANKLIN ES

Name	Address	Description	CHR Status Code	Date	Distance from Project Site	View of Project Site
4394 42nd Street, San Diego (P-37-035643)	4394 42nd Street, San Diego	One-story Craftsman style single-family residence with detached, associated one-story automobile garage.	Ineligible	5/2015	0.08-miles	No View

Name	Address	Description	CHR Status Code	Date	Distance from Project Site	View of Project Site
John and Grace Danner House (P-37-036983)	4608 Vista Street, San Diego	The 1927 John and Grace Danner House embodies distinctive characteristics of the Spanish Eclectic style and is a valuable example of the style.	No Status Code Assigned	9/25/2014	0.17-miles	No View
4615 Vista Street, San Diego	4615 Vista Street, San Diego	Property appears as a "Plotted Historic Address" at the SCIC to denote a previously identified historical resource. However, the property is not listed in the HRI, nor does it have a "P" identification number or corresponding documentation. One-story Spanish Eclectic residence.	N/A		0.18-miles	No View
The Charles and Anna Stark House (P-37-037105)	4641 Vista Street, San Diego	The one-story residence is an excellent example of Spanish Eclectic style architecture.	No Status Code Assigned	8/2014	0.22-miles	No View
Walter and Cora Hooke House (P-37-037253)	4639 Vista Street, San Diego	The two-story residence embodies distinctive characteristics of the Tudor Revival style and is an outstanding example of Tudor Revival architecture.	3CS	12/21/2016	0.22-miles	No View
Lewis and Annie Dodge, Dodge Construction Company House (P-37-035572)	4649 Biona Drive, San Diego	This two-story Tudor Revival residence was constructed in 1926 and is associated with Dean B. Johnson who is significant at the local level for his contributions to San Diego's industrial development in the commercial fishing, maritime and shipping industries. The house is also identified with Kelley M. and Marjorie Holland who were longstanding citizens and business leaders in the Kensington community.	3CS	5/7/2015	0.24-miles	No View
George and Martha W. Murrin / Allen H. Hilton House (P-37-03585)	4625 E. Talmadge Drive, San Diego	Two-story Spanish Eclectic style house constructed in 1930, the property contributes to a better understanding of the development of Talmadge Park Unit 1's vernacular Spanish Eclectic architectural and cultural landscape during the Great Depression and World War II. Significant persons were found to be associated with the property, and the building is an excellent example of a two-story Spanish Eclectic residence in the Talmadge Park neighborhood.	3CS	7/6/2007	0.26-miles	No View
Lewis and Annie Dodge Speculation House #2 (P-37-035574)	4653 Biona Drive, San Diego	The property is significant under Criterion "C" as an excellent example of Spanish Eclectic style architecture. Builder Lewis H. Dodge designed this home in 1926.	3CS	6/2014	0.26-miles	No View

Name	Address	Description	CHR Status Code	Date	Distance from Project Site	View of Project Site
Gates to Talmadge Estates Unit #1 and Talmadge Park Unit #3 (P-37-024341)	Various locations along Monroe Avenue, and 49th Street, San Diego	As designed engineer Robert Carlson and built by Union Machine Works, eight existing iron gates were constructed circa 1928 as a part of the identifying boundary gateways for the new subdivisions of Talmadge Park Unit 3 and Talmadge Park Estates Unit 1.	N/A	9/23/1999	N/A	No View

Previous Evaluations of Benjamin Franklin Elementary School

Franklin ES has not been previously evaluated. The property it is not listed in the State of California Historic Resources Inventory (HRI) for the City of San Diego. Franklin ES is not listed in the National or California Registers, or locally designated as a San Diego Historical Resource. The campus does not appear to be situated in a designated historic district, but Franklin ES does appear to fall within the boundary of a potential historic district as identified on the 1996 "Historical Greater Mid-City San Diego Preservation Strategy Report."[54] Resources in the Kensington/Talmadge neighborhood that were constructed prior to 1945 were surveyed as part of the Potential Kensington Historic District. However, Franklin ES was not included or identified as a resource as part of this survey which was comprised largely of Kensington residences constructed between the 1910s and 1940s, a religious building constructed in 1947/1966, a commercial building constructed in the 1930s, and a Mission revival duplex without an assigned date.

Additional Research

Additional site-specific research was conducted on Franklin ES utilizing the following sources: City directories, plans and aerial photographs, historical photographs and articles from the San Diego History Center, historical *San Diego Union*, *San Diego Tribune*, and *Evening Tribune* at the University of California San Diego Geisel Library, San Diego Central Library, San Diego County Assessor website, and other published sources.

Historic maps and aerial photographs were examined to provide historical information about Franklin ES and the land uses surrounding the campus. Historic aerial photographs taken in 1953, 1964, 1966, 1980, and 1989 were examined, as were Sanborn Maps from 1920, 1950 and 1956.

Original architectural drawings obtained from the District provide a construction history of Franklin ES from 1933 to 2018 and were essential in preparing the construction history context for Franklin ES. A summary of the early architectural drawings on file at the District are compiled in Table 2 below. There were no building permits available for the campus. The earliest

[54] Milford Wayne Donaldson, "Historical Greater Mid-City San Diego Preservation Strategy Report," City of San Diego Planning Department, 1996.

plan on file dated to 1933, with the design of the first permanent building at the school campus, Classroom Building 01-01, which was built the following year.

TABLE 2
BENJAMIN FRANKLIN ELEMENTARY SCHOOL ARCHITECTURAL DRAWINGS

Date	Project/Application #	Architect/Engineer	Description
12/04/1933	79	Frank W. Stevenson	Classroom Building 01-01 constructed, six-classrooms with boy's and girl's restrooms
03/04/1940	3217-3218	Sam W. Hamill	Classroom Building 02-02 constructed, six-classrooms with boy's and girl's restrooms
03/04/1940	3218	Sam W. Hamill	Assembly and Administration Building 02-03 constructed, administrative functions including principal's office, nurse's office, and a clerk/secretary area. Assembly with stage, cafeteria, and kitchen.
08/05/1947	5261	Sam W. Hamill	Classroom Building 04-05 constructed, four-classrooms with boy's and girl's restrooms
08/28/1951	9386	Sam W. Hamill	Kindergarten Classroom Building 05-06, single classroom building with two smaller restrooms

Architectural Resources Survey

A historic architectural resources survey of the Franklin ES was conducted by architectural historian Alison Garcia Kellar, M.S., on March 8, 2019. Detailed notes and digital photographs were taken and the survey work utilized the survey methodology of the State Office of Historic Preservation (OHP). Franklin ES was documented on California Department of Parks and Recreation (DPR) 523 form (**Appendix B**).

Description of Surveyed Resources

Franklin ES consists of five buildings and two portable structures clustered toward the northwest corner of a roughly L-shaped parcel. The eastern portion of the parcel includes raised garden beds, a pagoda, freestanding playground structures, and storage sheds. A large freestanding shade structure with corresponding ADA ramps and asphalt-paved basketball courts sit toward the central portion of the parcel. The southern portion of the parcel includes a baseball diamond with grassy field and large freestanding playground structured, which are accessible to the public. The classroom and administrative buildings line Monroe and Copeland Avenues, forming an L-shape in plan. A flagpole sits near the intersection of these two buildings, along Copeland Avenue. The library building sits toward the center of the plan, with two portable structures to the east. Much of the parcel surrounding play areas is paved in asphalt, while walkways are paved in concrete. A metal fence with various access points encloses the eastern and southern portions of the property, and extends partially along the western portion as well. A vehicular curb cut along Copeland Avenue serves as a pickup/drop off area for cars. Palm trees and swaths of grass line the western Copeland Avenue sidewalk.

Classroom Building 01-01, Assembly and Administration Building 02-03, and Classroom Building 02-02

Classroom Building 01-01 (1934), Assembly and Administration Building 02-03 (1941), and Classroom Building 02-02 (1941), are interconnected arranged in an L-shape configuration, abutting Copeland Avenue at the west and Monroe Avenue at the north (**Figures 19, 20, and 21**). There is landscaping along the north and west extents that includes grass, shrubbery, and mature trees. A sidewalk runs along these elevations. At the south and east elevations of this assembly of buildings, covered walkways lead to a covered lunch structure, with ADA ramps, concrete stairs, and other paved walkways and play areas. Vegetation toward the center of the property includes grass and mature trees.

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 19
Building 02-03 (left), Building 01-01 (center), and Building 02-02 (right) at intersection of Copeland Avenue and Monroe Avenue, looking southeast

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 20
Building 02-03 (left), Building 01-01 (center), and Building 02-02 (right) at east facade elevation location, looking east

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 21
Building 01-01 (left) and Building 02-02 (right), looking northeast

Classroom Building 01-01

Constructed in 1934, Classroom Building 01-01 is a one-story, rectangular plan building covered by a flat roof. It is articulated in a vernacular, minimal traditional style (**Figure 22**). The reinforced concrete walls are covered by plaster with a horizontal string course and chevron coping at the upper portion of the exterior walls. The building is asymmetrically organized on its east and west elevations, while the south elevation is symmetrical (**Figure 23**). The north elevation is enclosed by Building 02-03 which was constructed in 1941. Entrance into Building 01-01 is through a set of concrete steps in a centralized shared hallway with Building 02-03 (**Figure 24**). Three bays of 7-1/6 steel frame windows articulate the three classrooms at both the east and west elevations, with each assembly punctuated by an air-conditioning unit. A concrete niche is located at the southern portion of the west elevation.

Two smaller pairs of 1/3 steel frame window assemblies sit at the southern elevation located at the boys and girl's restrooms. Secondary access to the building is through a breezeway between Building 01-01 and Building 02-02. The west elevation faces the campus play area and includes additional building access via an ADA ramp. The window configuration at the east elevation mirrors that of the west elevation.

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 22
Building 01-01 west elevation, looking southeast

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 23
Building 01-01 west elevation, looking northeast

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 24
Building 01-01 south elevation (left) and east elevation (right)

The original north elevation of Building 01-01 is visible from the corner at Building 02-03 (**Figure 25**). The building features a double-loaded corridor with three classrooms to either side (**Figure 26**). Two skylights with evidence of brackets to hold glass below punctuate the ceiling and roofline along the corridor. The corridor features two children's drinking fountains with decorative teal-colored tile surrounds, with four blue decorative accent tiles with a floral motif. Original wood shelving with brackets for coat hanging line either side of the corridor. Two single multilite wood doors with operable 2/3 lite transoms lead from each classroom onto the corridor. Additional 2/3 lite operable windows punctuate classrooms along the corridor at regular intervals.

Toward the rear of each classroom is a 'cloak room' and a 'workroom' (**Figure 27 and 28**). The cloak room features original coat shelves and hooks with built-in cupboards, and the workroom includes a worktable with sink and small cabinetry and additional cubicles (**Figure 29**). Additional extant built-in features include open recessed shelving and a teacher's wardrobe cabinet with shelves and coat hooks. The rooms include combination carpet and composition floor tiles as flooring material.

The boy's and girl's restroom sit at the southern extent of Building 01-01, at the east and west, respectively. The boy's restroom includes urinals and stalls, while the girl's restroom includes two banks of stalls, one of which appears to be original to the building (**Figure 30**). Both bathrooms have mirrors and low large contemporary sinks. Each have plaster walls and tile flooring.

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 25
Building 02-03 corridor with entrance to Building 01-01

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 26
Building 01-01 double loaded corridor, looking south with original drinking fountain

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 27
Representative classroom in Building 01-01

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 28
Cloak room (left) and workroom (right) in Building 01-01

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 29
Detail of workroom (left) and teacher's wardrobe (right) in Building 01-01

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 30
Girl's restroom in Building 01-01 with bank of original stalls

Assembly and Administrative Building 02-03

The Assembly and Administrative Building 02-03 was constructed in 1941. Attached to the existing Classroom Building 01-01, the building extends along the northwestern corner of the subject parcel to the east. The interior corridor between Building 02-03 and Building 01-01 forms the building's facade and main entrance, along the west elevation at Copeland Avenue (**Figure 31**). Here, a volume rises from a centralized corridor that matches in height with adjacent Building 01-01. An overhang surmounts the entrance which is comprised of a pair of 2/4 fixed lite transoms each with a set of double doors with single lites below. Further north from this main entrance, a smaller one-story volume comprising the administrative portion projects slightly west with curving corners. Each curved corner along the west elevation is anchored by a glass block window assembly with corresponding 1/6 steel frame windows (**Figure 32**). An additional pair of 1/6 steel frame windows sits centered in this west elevation. A band of ribbed coping follows the curve of the walls toward its upper limit from this portion of the west elevation onto the north elevation. Curved concrete planters correspond with the building's curved walls, flank either side of the entryway.

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 31
Building 02-03 at west facade with entryway corridor and curved walls with glass block, facing northeast

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 32
Detail of curved glass block corner and multilite windows along west facade of Building 02-03, facing southeast

The north elevation varies in height, with a one-story administrative portion at the western end, a centralized double-height auditorium, and a one-story cafeteria and kitchen at the eastern extent (**Figure 33**). The grade rises going further east along this elevation. Three 1/6 steel frame windows with a single door surmounted by a transom comprise the administrative portion of the north elevation. The auditorium appears to have once been symmetrical in its configuration, and now features 5-1/4 steel frame windows and what appears to be four enclosed former window openings above. The upper portion of this fenestration band aligns with the upper portion of the adjacent one-story administration part of the building. A pair of wood doors with a sand-blasted motif commemorating Benjamin Franklin sits centered in the auditorium volume of the elevation. A pair of fluted poured-in place concrete reliefs are surmounted by a curved banded awning that projects from the elevation. A chevron band of coping sits immediately above the doorway, which sits below a shallow relief panel indicating "BENJAMIN FRANKLIN SCHOOL" (**Figure 34**). Extending further east, a one-story projection houses the school's cafeteria and kitchen. A grouping of three 1/6 steel framed windows sits adjacent to a pair of double doors accessible by a set of concrete steps with a landing and metal hand rails. Further east in the cafeteria sit a pair of 1/4 lite steel framed windows. All portions of Building 02-03 have flat roofs, while the kitchen, located at the easternmost extent, features a slight flat roofed overhang. Here, a single door sits higher in the elevation, with a pair of 1/2 transom lites of different sizes.

The east elevation is largely unarticulated except for the kitchen projection. A projecting overhang covering a walkway extends the length of the building's south elevation, accessible through a set of concrete steps with a metal handrail (**Figure 35**). Single doors lead off of this walkway to girl's and boy's restrooms, followed by pairs of double doors with transoms and interspersed multilite window assemblies leading to the cafeteria. Beyond this, access to the auditorium is through a pair of double doors. Above the overhang, sit a band of 5-1/4 steel framed windows, which mirror those on the north elevation.

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 33
North elevation of Building 02-03 with cafeteria (left) and auditorium (right), looking southwest

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 34
Detail of auditorium entrance at north elevation of Building 02-03, looking southeast

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 35
South elevation at Building 02-03, looking northwest

At the interior, a central corridor connects Building 01-01 to Building 02-03 (**Figures 36 and 37**). The school's administrative functions comprise the northeastern portion of the building, which include the principal's office, a nurse's office, and a parent room, all of which are carpeted. Individual restrooms sit within the nurse's office, principal's office and parent room, which are all tiled. The principal's office and parent room both feature the curved glass block windows. This portion of the building includes skylights, and some doors feature single lite operable transom windows at the interior (**Figure 38**). The clerk/reception area includes original built-in mailboxes and cabinetry (**Figures 39 and 40**). Storage spaces, and the clerk/reception area sit immediately off of the hallway accessible through a pair of multilite doors with corresponding transoms above.

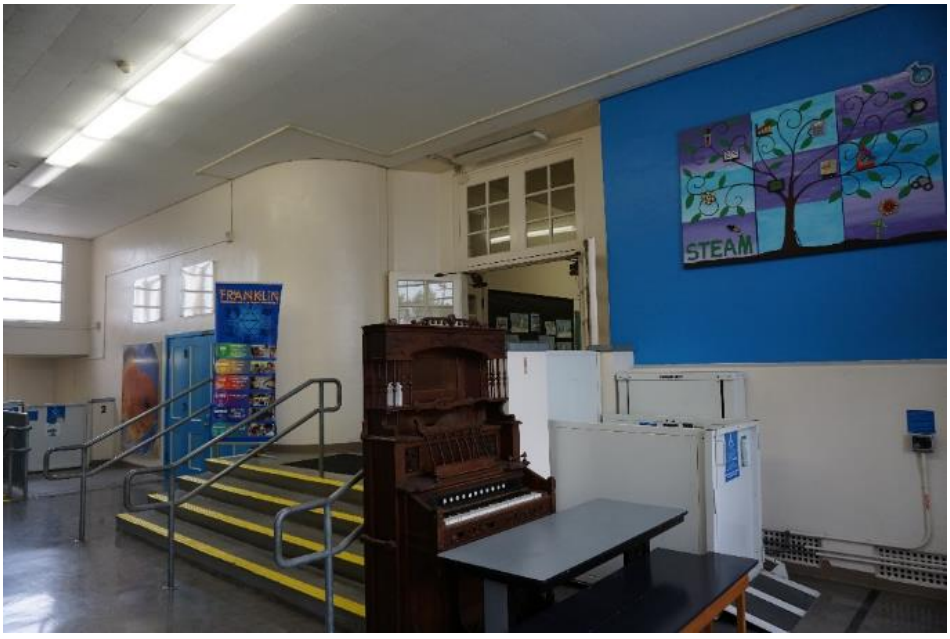
The hallway features curved walls which mimic those at the exterior, and laminate flooring. ADA lifts offer access to the varying levels in this hallway. A set of stairs with metal handrails leads from the hallway to the original entrance of Building 01-01.

A raised stage space with wood flooring and storage is accessible from the central hallway or from a set of steps within the auditorium space. The auditorium features some fluted concrete detailing similar to that found at the entryway to the space (**Figure 41**). The auditorium shares a movable wall with the cafeteria, both of which are accessible from the outside covered walkway at the south elevation of Building 02-03. The auditorium features carpeted floor, while the cafeteria has composite tile flooring.

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 36
Building 02-03 corridor looking toward reception area, southeast view



Franklin Elementary School Project / 160537.11

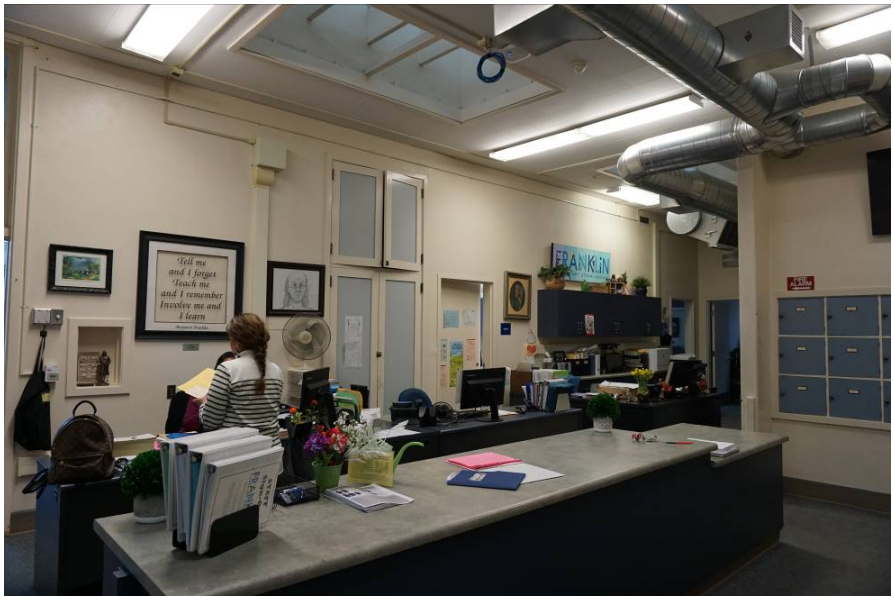
SOURCE : ESA, 2019

Figure 37
Building 02-03 corridor looking toward Building 01-01, southwest view

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 38
Building 02-03 curved glass block corner at principal's office, looking east (right) and skylight and interior operable transom at storage area (left) in Building 02-03



Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 39
Building 02-03 at clerk's office

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 40
Details of built-in mailboxes (left) and cabinetry (right) at Building 02-03

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 41
Fluted concrete details at auditorium in Building 02-03

Classroom Building 02-02

Classroom Building 02-02 is a one-story, rectangular plan building covered by a flat roof (**Figure 42**). It is articulated in a vernacular style, likely designed to match existing Building 01-01, in its massing, materials, and height. The reinforced concrete walls are covered by plaster. The building is A-symmetrically organized on its east and west elevations, while the north and south elevations are symmetrical. Bands of multi-lite steel framed windows articulate the three classrooms on either end of the building, similar in size and configuration as those at Building 01-01. Access to the building is through a breezeway between Building 02-02 and Building 01-01, leading to a north facing pair of multilite doors with a surmounting transom (**Figure 43**). The southern elevation is symmetrical in configuration with three pairs of doors with multilite transoms above (**Figure 44**).

The building similarly features a double-loaded corridor, with three classrooms to either side of the bisecting hallway (**Figure 45**). Each of the six classrooms is accessible via 3/3 multilite doors with 3/2 operable transom windows. Two skylights similarly punctuate the building at the central hallway. The built-in cabinetry and 'entry' and 'work spaces' in Building 02-02 differ from those in Building 01-01 in their layout and configuration (**Figure 46**). Cabinetry, drawers, cubbies, coat hooks, and built in book shelves are all similarly present here.

Boy's and girl's restrooms are located at the southern portion of the building, each with an entry vestibule and an additional door. The girl's restroom has several bathroom stalls, and the boy's restroom has both urinals and stalls. Each have tile at the walls and floor. Both bathrooms have mirrors and low large contemporary sinks.

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 42
Building 02-02 north elevation (left) and west elevation (right), looking southeast

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 43
Building 02-03 east elevation (left) and north elevation (right), with connecting breezeway at right, looking southwest

Franklin Elementary School Project / 160537.11

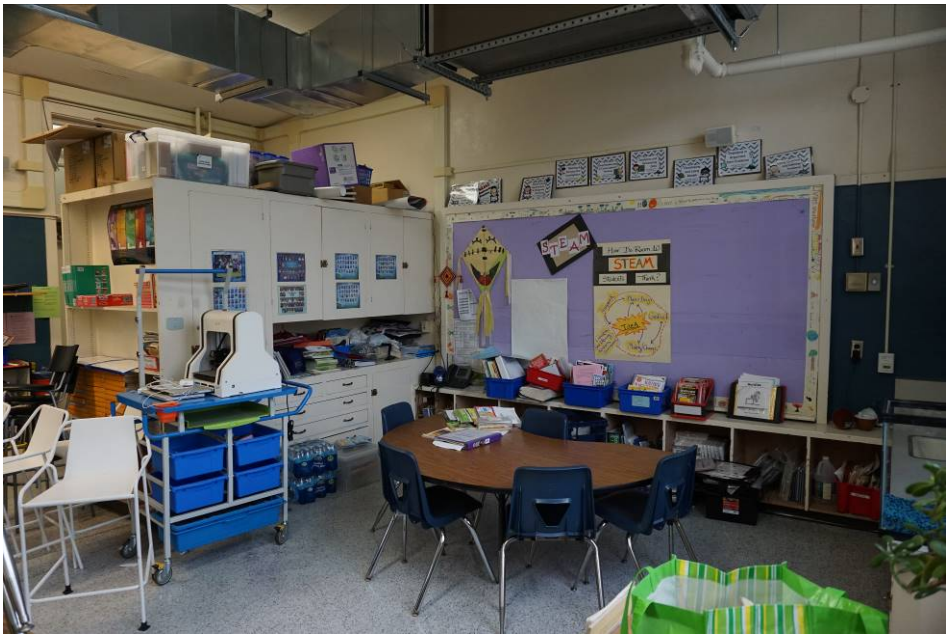
SOURCE : ESA, 2019

Figure 44
Building 02-03 south elevation (left) and east elevation (right), looking northwest

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 45
Building 02-02 double loaded corridor, looking south



Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 46
Representative classroom at Building 02-02 at workroom area with built-in cabinetry and shelving

Classroom Building 04-05

Classroom Building 04-05 is an L shaped one-story tall building covered by a flat roof and with stucco walls and was not designed in a particular architectural style. It is located on the northeast corner of the lot and is oriented south towards the rest of the school campus, and connects to Building 02-03 by a curved covered walkway (**Figure 47**). The interior consists of two first grade class rooms and two kindergarten classrooms, bathrooms, and storage. All of the windows are aluminum and the doors are metal with metal frames.

The south (main) façade faces towards the rest of campus. There is a grouping of six steel frame windows. There is a classroom door with an aluminum sash window to the left with two windows above **(Figure 48)**. From there the building turns south towards Building 05-06. It has groupings of aluminum clearstory windows above the canopy covering the walkway **(Figure 47)**. A portion of the north façade can be seen to the east of Building 05-06 where there are three aluminum windows. The west (side) elevation has a grouping of six aluminum sash windows and a door. To the south of the door is an aluminum sash window and there are smaller aluminum sash windows above the door and window. The single door sits below a metal projecting awning at the east elevation **(Figure 49)**. The north (rear) elevation fronts Monroe Avenue. On the west side there is a grouping of three aluminum sash windows, a door to the west, three groupings of six aluminum sash windows then two aluminum sash windows on the far east side **(Figure 50)**. The interior includes built-in woodwork and a 'pool' fountain with a metal frog spigot, now enclosed **(Figures 51** through **53)**.

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 47
Curved covered walkway leading to Building 04-05, looking northeast

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 48
Building 05-06 (left) and Building 04-05 (right), looking northwest

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 49
East elevation of Building 04-05, looking west

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 50
Building 04-05 north elevation, looking southwest

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 51
Representative classroom in Building 04-05

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Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 52
Tile 'pool' fountain with metal frog spigot, now enclosed, in Building 04-05

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 53
Representative built-in cabinetry in Building 04-05

Kindergarten Classroom Building 05-06

Building 05-06 is a single-story rectangular building with stucco siding and a flat roof. It contains a kindergarten classroom that faces the rest of campus. It is partially attached to Building 04-05 to the north. All of the windows are aluminum and the doors are metal. They have metal frames.

The main south (main) facade is asymmetrical in configuration with a projecting metal awning across the entire façade. There is a door with a transom above it and a bank of seven aluminum windows. A concrete ramp leads from the east to the entrance door with planters along the bottom of the south façade. The west (side) elevation has a tall parapet and two small aluminum sash windows **(Figure 54)**. The north (rear) elevation abuts with Building 04-05 to the east. There is a grouping of three aluminum sash windows and an additional door with concrete ramp at the south facade. The parapet continues around the north elevation **(Figure 55)**. There is an additional entrance on the east (side) elevation under a shed roof. There is a metal door with a pair of aluminum sash windows on either side and a transom above it **(Figure 56)**. There is built-in wood work including cabinetry at the interior **(Figures 57** through **59)**.

The post-modern library (Building 06-07) constructed in 2007 was not reviewed as part of this historic evaluation to its construction date beyond the period of significance.

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 54
Building 04-05 west elevation (left) and south facade (right)

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 55
Building 04-05 north elevation (left) and west elevation (right)

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 56
Building 04-05 east elevation

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 57
Building 04-05 south facade (left) with east elevation of Building 04-05 (right)

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 58
Detail of classroom at Building 04-05

Franklin Elementary School Project / 160537.11

SOURCE : ESA, 2019

Figure 59
Detail of cabinetry at Building 04-05

Eligibility Assessment

In order to qualify for eligibility, Franklin ES must possess significance under one or more of the applicable National Register and California Register criteria and retain sufficient integrity to convey its historical significance.

Significance Evaluation

ESA evaluated Franklin ES for potential eligibility for listing in the National Register and California Register as a historic district. Franklin ES was evaluated against the following historical and architectural themes: The Development of Kensington, the San Diego Unified School District, and Franklin ES; Streamline Moderne and Mid-Century Modern architectural styles; and the associated architects.

Criterion A/1: Events

Franklin ES was constructed as San Diego's Kensington neighborhood developed. In 1926, a deed restriction that only allowed for residential construction in the neighborhood was lifted, which would allow for civic and commercial buildings to be constructed in the area. Three years later the first portables were moved to the site as Franklin ES began. By 1933 the surrounding neighborhood was experiencing heavy development, as the first permanent building was constructed on the campus. By 1941, at the onset of World War II, the campus expanded with more classrooms, and administrative, assembly, and cafeteria facilities, during a time of rapid population growth in San Diego due to war support efforts. The campus also expanded as the District acquired more land. By the war's end, in 1947 and 1950 the campus was expanded yet again which was consistent with the baby boom and related post-war development.

The Lanham Act of 1940 authorized 11 new elementary schools in San Diego, however no evidence was uncovered to suggest that Franklin ES was among these schools, nor that any part of the campus was undertaken as part of a WPA project, despite the construction dates.

The campus appears to be eligible for listing under California Register Criterion 1 for eligibility related to historic patterns of development in the Kensington, San Diego neighborhood, as part of broader development patterns in California's history. The campus does not appear to rise to a level of significance necessary for eligibility on the National Register of Historic Places as a historic district.

Criterion B/2: Significant Persons

Franklin ES does not appear to satisfy National Register Criterion B or California Register Criterion 2 for eligibility related to a historic personage. Franklin ES is not identified with the productive life of significant individual District teachers, principals, administrators, students, or any other persons important in our past.

Criterion C/3: Design/Construction

Franklin ES is a conglomeration of several different building campaigns, each stylistically reflective of the era in which it was built. The earliest building, Building 01-01 is a simplified

example of a Moderne Style building, and Building 02-02 is similarly reflective of this style. Built at the same time as Building 02-02, Building 02-03 is more strongly aligned with the Moderne style in San Diego, as it displays several of the character-defining features of this style. These three building comprised the original core of the campus, all constructed leading up to World War II. Related site features constructed during this period include the flagpole, and trees and landscaping along Copeland Avenue.

Immediately after the war, Buildings 04-05 and Building 05-06 were constructed, in 1947 and 1950, respectively. These later buildings were articulated in a more vernacular version of the Mid-Century Modern Style or Contemporary Style, terms which are used interchangeably in the literature related to buildings of this era constructed in San Diego.

Moderne/Streamline Modern Style character-defining features present at the earliest buildings, Building 01-01, Building 02-03, and Building 02-02 include:

- Flat roof with coping
- Asymmetrical facade
- Horizontal massing and emphasis
- Smooth stucco exterior finish
- "Speedline" horizontal accents
- Curved building corners
- Corner windows
- Glass block

Mid-Century Modern/Contemporary Style character-defining features present at the post-World War II buildings; Building 04-05, and Building 05-06, include:

- Lack of applied ornament
- Eave overhangs and sheltering canopies
- Low horizontal massing
- Horizontal bands of flush windows
- Ribbons of steel frame windows

A full list of character-defining features is included in the Character-Defining Features section below. Further to this, all five of the original buildings on the Franklin ES campus are associated with master San Diego architects. The first building constructed in 1934, Building 01-01, by Frank W. Stevenson, who was an active architect in San Diego between the 1920s through the 1950s. His prominent works include the Medico-Dental Building in Downtown San Diego and the Grande Colonial Hotel in La Jolla. Master San Diego architect Samuel Wood Hamill was known for his prominent works in southern California, with many extant projects in San Diego. Hamill was one of four local architects hired to design the highly visible Works Progress Administration-sponsored San Diego City and County Administration Building. The County

Administration Building was constructed in 1936 with Beaux-Arts, Spanish Revival, and Streamline Moderne influences. Shortly after the County Administration Building was constructed, his first two buildings for the Franklin ES were constructed. Hamill's style evolved as the times changed, as was common for architects practicing in this era. Following World War II, he designed the later two additions to Franklin ES, Buildings 04-05 and 05-06, constructed in 1947 and 1950, respectively. During this time Hamill designed the Veteran's War Memorial Building in Balboa Park (1950), in a modern style vastly differing than that of the administration building of the 1930s. Hamill was heavily involved with the San Diegans, Inc. organization which formed to address the blight in downtown San Diego. His efforts ultimately resulted in the City's completion of a General Plan, which began redevelopment efforts in the area. Afterwards, Hamill designed the notable Civic Center and Community Concourse in downtown in 1964. Hamill's hand in the design of the Franklin ES campus building over the course of roughly 10 years reflects his evolving design aesthetic, constructed intermittently among some of his most high-profile civic commissions.

Together, these five buildings and their related site features (Buildings 01-01, 02-02, 02-03, 04-05, and 05-06) appear to be eligible as a historic district under California Register Criterion 3, as being reflective of distinctive San Diego public school architecture from the depression era up through the end of World War II articulated in both the Moderne and Mid-Century Styles and for a strong association with two prominent San Diego master architects. When viewed together, the Franklin ES campus is reflective of design trends and changes over a period of 16-years as the property morphed to accommodate an influx of young students in the area. As a result of this, the Franklin ES campus has a period of significance which ranges from the construction of the first permanent building in 1934, up through the construction of the last permanent building after World War II in 1951. The former playground area of this time period (1934-1951) was located at the present-day location of the Library building and lunch pavilion.

Individually, the buildings lack distinction to be listed on the National Register of Historic Places or the California Register of Historic Resources as individually eligible resources under the design criterion. When viewed collectively as a campus however, the five public school buildings are reflective of evolving tastes in Modernism as designed by master San Diego architects. These five buildings represent the distinguishable architectural identity of Franklin ES from 1933 to 1951 that would otherwise individually would lack distinction.

Criterion D/4: Data Potential

Franklin ES is not likely to yield any information important to prehistory or history. Therefore, Franklin ES does not meet the above criterion.

Integrity Analysis

The National Register and California Register recognizes a property's integrity through seven aspects or qualities: location, design, setting, materials, workmanship, feeling, and association. Eligible properties should retain several, if not most, of these aspects. Both registers require that a resource retain sufficient integrity to convey its significance, and the property must retain the essential physical features that enable it to convey its historical identity. Integrity is based on

significance and understanding why a property is important. National Register Bulletin 15 states that "only after significance is fully established can you proceed to the issue of integrity" (U.S. Department of the Interior 2002). Franklin ES has been identified as a historic district significant under California Register Criteria 1 for its historical association with the development of the residential Kensington suburb prior to and after World War II. The school campus has also been identified as a historic district under the National Register Criteria C and California Register Criteria 3 for its embodiment of both streamline versions of Moderne and Mid-Century architecture as applied to a public elementary school campus, and for its association with master San Diego Architects Frank W. Stevenson and Samuel Wood Hamill. Based upon these significance findings, a period of significance has been identified as 1934 to 1951, when the first permanent building was constructed, through the construction of the last building in the post-war era.

The grouping of five buildings in an L-shape configuration along Copeland and Monroe Avenues remains the same, and the property has not been relocated. The property retains integrity of location. The school continues to express the aesthetic and historic feeling of a combination Moderne and Mid-Century Modern campus, constructed in various campaigns spanning from 1934 through to 1950, including its lunch area and large play areas. The buildings have undergone minor upgrades, per requirements for compliance with safety and access over time, including concrete ramps, lifts, replacements of surface materials that have outlived their reasonable service life, as would be expected with high-wear environments, and the installation of HVAC. These modifications have not altered the design of the buildings, and as a result, the buildings retain a high level of integrity for their original simple workmanship and materials as evidenced in the remaining built-in cabinetry, original windows, wood doors, interior skylights and operable transoms, and overall building massing, footprint, and configuration.

A review of the original plans for each of the eligible buildings confirms that much of the original designs remain intact, with modifications as mentioned above, that have not affected circulation or usage over time. As such, the property retains integrity of design. The property retains its integrity of association, as Franklin ES still operates as an elementary school, as it has since its construction. The property retains historic integrity of location. feeling, material, workmanship an association.

While the library building and later wood portable buildings were constructed on the campus after 1950, these structures do not overwhelm the campus and its historic one story buildings, however, they do sit toward the center of the property in the former location of different temporary portables and play area overtime. The property retains ample play areas despite this, and continues to have plantings along Copeland and Meade Avenues, as were present during the period of significance. Further, the property's boundaries have remained the same since its period of significance. In summation, the property retains marginal historic integrity for its setting. In summary, Franklin ES Buildings 01-01, 02-02, 02-03, 04-05, and 05-06 and its surrounding campus retains historic integrity for its location, design, workmanship, materials and association, and marginal integrity for its historic setting. As a result, the campus retains historic integrity.

Analysis of Project Impacts

Project Description

ESA's qualified architectural historians reviewed a preliminary Project demolition plan for the Proposed Project entitled *Demolition Plan* and dated January 15, 2019, prepared by the District. The Project plan is included in **Appendix D.**

The Proposed Project would repair, renovate, and revitalize the existing Franklin Elementary School. Improvements would include the demolition of Buildings 04-05, 05-06, and two existing portables in the northern portion of the Project Site and the construction of a new two-story 25,200 square feet building in its place. The new building would include twelve classrooms and a new cafeteria.

The campus retains substantial original interior features that date back to their period of construction. The Proposed Project would modernize Buildings 01-01, 02-02, and 02-03, which would include repairing interior and exterior finishes, replacing doors and windows as needed, renovating restrooms, adding a new public address system, and repairing and replacing deteriorating plumbing as necessary.

Improvements would also include repairing sidewalks and ramps, modifying the existing security fence, and installing additional security fencing. During construction, temporary portable classrooms would be added to the Project Site to accommodate students while the new classroom building is being constructed.[55]

Methods

The methodology utilized in this analysis generally follows National Park Service's (NPS) guidance provided in Preservation Brief 17, Architectural Character: Identifying the Visual Aspects of Historic Buildings as an Aid to Their Preservation, which primarily applies to application of the Standards although the classification methods discussed are pertinent for this analysis. According to the NPS, "character refers to all those visual aspects and physical features that comprise the appearance of every historic building. Character-defining elements include the overall shape of the building, its materials, craftsmanship, decorative details, interior spaces and features, as well as the various aspects of its site and environment."

Significant primary character-defining features are the most important with regard to determining the integrity and eligibility of a historical resource. These significant primary character-defining features should be retained and preserved, and alterations should be avoided. Contributing character-defining features are secondary and tertiary features that taken together with the primary features convey a property's significance as a historical resource. They should be preserved to the greatest extent feasible and rehabilitated as appropriate; however, more flexibility is given to these features. Alterations to some contributing features may not adversely impact the property's significance. Non-contributing features are later additions or alterations

[55] Email correspondence with Paul Garcia, Facilities Development CEQA Coordinator, San Diego Unified School District, April 17, 2019.

that do not detract substantially from the integrity or significance of a resource and their removal does not adversely impact the property.

Character-Defining Features

Buildings 01-01 and 02-02

Exterior character-defining features at Buildings 01-01 and 02-02 include:

- Flat roof with coping
- Horizontal massing and emphasis
- Original location of skylights in the double loaded corridor
- Steel frame windows
- Smooth stucco finish
- Monolithic massing
- 3 bays at each of the east and west elevations
- Chevron/zigzag motif at the top

Interior character-defining features at Buildings 01-01 and 02-02 include:

- Double-loaded corridor
- 6-room configuration with 2-doors with operable transoms above
- Built-in cabinetry at the workspace, entry space, and classroom space includes shelving, cubbies, drawers
- Location of chalkboards or bulletin boards
- Coat hooks mounted on wood both in the classrooms and in the hallways
- Porcelain water fountain with tile niche surround

Building 02-03

Exterior character-defining features at Building 02-03 include:

- Flat roof with coping
- Asymmetrical facade
- Horizontal massing and emphasis
- Smooth stucco finish
- Copeland Avenue entrance to the auditorium with Benjamin Franklin sand-blasted motif, with semi-circular overhang, and flanked fluted concrete columns
- The curved glass block windows at the former nurse's and principal's offices

- Franklin Elementary School signage and corresponding overhang above main entrance
- "Speedline" horizontal accents
- Glass block corner windows
- Curved building corners

Interior character-defining features at Building 02-03 include:

- Curved wall configuration in the corridor
- Transom lights over double doors
- Location of steps to stage
- Wood stage and flanking concrete fluted columns
- Staircase leading up toward Building 01-01
- Built-in cabinetry and mailboxes

Buildings 04-05 and 05-06

Exterior character-defining features of Buildings 04-05 and 05-06 include:

- Lack of applied ornament
- Eave overhangs and sheltering canopies
- Low horizontal massing
- Horizontal bands of flush windows
- Ribbons of steel frame windows

Interior character-defining features of Buildings 04-05 and 05-06 include:

- Built-in cabinetry at the workspace, entry space, and classroom space includes shelving, cubbies, drawers
- Location of chalkboards or bulletin boards

Site Features

Character-defining features of the Franklin ES site include:

- Flagpole along Copeland Avenue
- Palm tree and landscaping along Building 01-01 and Building 02-03 at CopelandAvenue

Impacts Analysis

Would the project cause a substantial adverse change in significance of a historical resource as defined in State CEQA §15064.5?

Less Than Significant Impact after Mitigation. The Franklin ES campus was identified as potentially eligible for listing in the California Register as a historic district for its association with events that have made contributions to the broad patterns of California and San Diego's history and cultural heritage, as well as for its architectural merit and association with two prominent San Diego architects. Therefore, the five buildings that comprise the eligible historic district are collectively considered to be a potential historic resource pursuant to CEQA. The physical description and construction history of the campus are described above. Buildings 01-01, 02-02, and 02-03 were designed in the Moderne/Streamline Modern style. Their character-defining features include: a flat roof with coping, horizontal massing and emphasis, smooth stucco exterior finish, curved building corners, and "speedline" horizontal accents. Building 04-05 and 05-06 were designed in the Mid-Century Modern/Contemporary Style. Their character-defining features include: a lack of applied ornament, eave overhangs, low horizontal massing, and ribbons of steel frame windows. Together this grouping is eligible for its association with the development of the Kensington neighborhood in San Diego, and as an example of an expanding elementary school campus reflective of evolving Modernist principles as designed by notable San Diego architects Frank W. Stevenson and Samuel Wood Hamill.

As mentioned in the above section, the modifications to the potential historic resource would include the repair, replacement and modernization of facilities at the campus, including work to Buildings 01-01, 02-02, and 02-03. Proposed work would also include the demolition of Buildings 04-05 and 05-06 in order to make space to construct a new classroom building. Further work will include the repair of sidewalks and access ramps, and security fence modifications and additions.

While the detailed design for the new classroom building has not yet been established, if it is carefully and deliberately designed to be compatible with the remaining historic district, and if the remaining buildings are to receive rehabilitation treatments to retain their character-defining features both at the interior and exterior according to the mitigation measures, the Project would conform to the Standards, as described in the review presented below. Thus, direct and indirect impacts to the subject property would be less than significant. While the Franklin ES campus would lose two of the contributing buildings that comprise the potential Franklin ES historic district (Buildings 04-05 and 05-06), the remaining Buildings 01-01, 02-02, and 02-03, if retained relatively intact, would still collectively retain sufficient historic significance to convey their association for eligibility as a historic district. Therefore, after the mitigation the Proposed Project would have no adverse impact on historic resources because the eligibility of the historic resource as a district would be retained after Project completion.

Secretary of the Interior's Standards Review

Under CEQA, a project generally would need to conform to *The Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring, and Reconstructing, Historic Buildings* or *The Secretary of the Interior's Standards for Rehabilitation and Guidelines for Rehabilitating Historic Buildings* (the Standards) to be considered as mitigated to a level of less than a significant impact on the historic resource.[56] The Proposed Project entails a district that is considered historically significant due to its association with events that have made contributions to the broad patterns of California's and San Diego's history and architectural merit. Therefore, pursuant to CEQA, the Proposed Project needs to be evaluated for its conformance with the Standards.

As previously described earlier in this report, the subject property contains a collection of historic-period educational buildings that comprise a historic district that is considered to be a potential historical resource for the purposes of CEQA. At this stage, the plans for the proposed modifications at Franklin ES and the addition of a new classroom building remain conceptual and further refinements have not yet been established. This project review will focus more generally on the proposed project description.

Standard 1*: A property will be used as it was historically or be given a new use that requires minimal change to its distinctive materials, features, spaces and spatial relationships.*

> The subject property would continue to operate as an elementary school as part of the Project, and as such fully conforms with Standard 1.

Standard 2*: The historic character of a property will be retained and preserved. The removal of distinctive materials or alteration of features, spaces and spatial relationships that characterize a property will be avoided.*

> The Project would retain and rehabilitate Buildings 01-01, 02-02, and 02-03, and would demolish Buildings 04-05 and 05-06. The Project would substantially conform to Standard 2 because the exterior and interior features at the remaining Buildings 01-01, 02-02, and 02-03 would remain intact and preserved. The Project would not fully conform to Standard 2 because of the demolition of two contributing buildings to the proposed historic district.

Standard 3*: Each property will be recognized as a physical record of its time, place and use. Changes that create a false sense of historical development, such as adding conjectural features or elements from other historic properties, will not be undertaken.*

> The Project would include the construction of a new classroom building, adjacent to existing Building 02-03, and remaining buildings would be rehabilitated. Due to the current state of early design development, the design for a new classroom building as part

[56] California Environmental Quality Act, 15064.5 (3).

of the Project cannot be evaluated at this point in time for its ability to meet Standard 3. Preservation recommendations are included to address Standard 3 conformance.

Standard 4*: Changes to a property that have acquired historic significance in their own right will be retained and preserved.*

The Project would retain and preserve two early additions to the campus, Buildings 02-02 and 02-03, which acquired historic significance for their association with the developing neighborhood of Kensington and the need to accommodate an influx of students, and for association with prominent San Diego architects Stevenson and Hamill. As such the Project would substantially conform with Standard 4, however, with the demolition of contributing Buildings 04-05 and 05-06, constructed in the post-World War II era, the Project would not fully conform with Standard 4.

Standard 5*: Distinctive materials, features, finishes, and construction techniques or examples of craftsmanship that characterize a property will be preserved.*

As the Project is in early stages of design development, the preservation of distinctive feature, finishes, or construction techniques to be performed on Buildings 01-01, 02-02, and 02-03 cannot be evaluated at this time. Preservation recommendation are included to address Standard 5 conformance.

Standard 6*: Deteriorated historic features will be repaired rather than replaced. Where the severity of deterioration requires replacement of a distinctive feature, the new feature will match the old in design, color, texture and, where possible, materials. Replacement of missing features will be substantiated by documentary and physical evidence.*

As the Project is in early stages of design development, deteriorated historic features to be repaired or replaced at Buildings 01-01, 02-02, and 02-03 have not yet been determined. Preservation recommendation are included to address Standard 6 conformance.

Standard 7*: Chemical or physical treatments, if appropriate, will be undertaken using the gentlest means possible. Treatments that cause damage to historic materials will not be used.*

The Proposed Project is currently at the early design development phase; therefore, no specifications for the Project have yet been developed, and it is not possible to determine whether any chemical or physical treatments would be proposed for the remaining contributing buildings or, if specified, they will represent the gentlest means possible.[57]

[57] Applicable National Park Service Preservation Briefs related to treatment of historic properties include but are not limited to*: Brief 6: Dangers of Abrasive Cleaning to Historic Buildings*. All fifty briefs are available at: https://www.nps.gov/tps/how-to-preserve/briefs.htm.

Therefore, the Project cannot be evaluated at this time for its ability to meet Standard 7. Preservation recommendations are included to address Standard 7 conformance.

Standard 8*: Archeological resources will be protected and preserved in place. If such resources must be disturbed, mitigation measures will be undertaken.*

Ground disturbing activity that would occur under the Proposed Project would involve excavation in the northeast portion of the parcel. Please see Appendix C for archeological records related to this campus. While most of the Project Site has been impacted by previous construction, proposed activities may impact previously undisturbed ground. These actions have the potential to encounter previously unidentified, buried archaeological deposits. As such, implementation of the Proposed Project could cause a substantial adverse change in the significance of an archaeological resource, if resources are found during construction, and therefore mitigation would be required. As further detailed below, mitigation measures would include retaining a qualified archaeologist to evaluate unanticipated discoveries. With implementation of mitigation measures the Project would fully conform to Standard 8.

Standard 9*: New additions, exterior alterations, or related new construction will not destroy historic materials, features, and spatial relationships that characterize the property. The new work will be differentiated from the old and will be compatible with the historic materials, features, size, scale and proportion, and massing to protect the integrity of the property and its environment.*

The new addition as part of the Project will involve the construction of a two-story stand-alone classroom building to the northeast portion of the Franklin ES campus along Monroe Avenue. Further details of the design for the new classroom building have not yet been determined, and as a result the Project cannot be fully evaluated for conformance with Standard 9. Preservation recommendations are included to address conformance with Standard 9.

Standard 10*: New additions and adjacent or related new construction will be undertaken in such a manner that, if removed in the future, the essential form and integrity of the historic property and its environment would be unimpaired.*

If the proposed new classroom building is to be demolished in the future, it will not further impact the remaining potential historic district. Therefore, the Project would conform to Standard 10.

Impact Analysis Conclusion and Recommendations

As Project design specifics are, as of yet, unknown, measures are provided below to work with the District in an effort to mitigate potential impacts to the historic district to a level of less than significant. The following general recommendations are provided to guide the design process for more full Project compliance with the Standards:

- *Standard 3*: Do not apply conjectural features from the existing or demolished buildings, or explicitly design a new structure to appear to be constructed in the mid-century Moderne style.
- *Standard 5:* See character-defining features list for exterior and interior character-defining features that convey examples of period craftsmanship that should largely be preserved in order to conform with Standard 5. Work should be compliant with the *Secretary of the Interior's Standards for the Treatment of Historic Properties* and *Preservation Brief 18: Rehabilitating Interior in Historic Buildings: Identifying and Preserving Character-Defining Elements*.
- *Standard 6*: See documentation above for reference when determining which character-defining features will be repaired, and which will be replaced-in kind.
- *Standard 7:* Utilize the gentlest means of cleaning on historic materials, as to not cause damage to historic materials. See *Brief 6: Dangers of Abrasive Cleaning to Historic Buildings* for reference.
- *Standard 9:* The design of the new classroom building should be designed in such a way that it will differentiate from the existing structures while being compatible with historic materials and features in their size, scale, and proportion. This may include an explicit setback from the remaining Building 02-03, a reference to particular design elements present at the extant or demolished buildings, or a nod to design details of the mid-century era. Materiality and color compatibility should be considered, as should the relationship of the new classroom building to the remainder of the Franklin ES site.

Designing the Project in this way would ensure the protection of the historic integrity of the property and its surrounding environment.

Findings and Conclusions

Historic Resource Evaluation Findings

ESA evaluated Franklin ES for potential eligibility for listing in the National Register and California Register as a historic district.

The five earliest buildings comprising Franklin ES (Buildings 01-01, 02-02, 02-03, 04-05, and 05-06) were constructed as San Diego's Kensington neighborhood developed which paralleled an important early growth pattern for the burgeoning city. In 1926, a deed restriction that only allowed for residential construction in Kensington was lifted, which allowed for civic and commercial buildings to be constructed in the area. Three years later the first portables were moved to the largely vacant site as Franklin ES began. By 1934 the surrounding neighborhood was experiencing heavy development upon the construction of several Kensington subdivisions when the first permanent building was constructed on the campus. Despite this momentum, the Great Depression halted further development, leaving many empty lots throughout the neighborhood. Construction in Kensington resumed by the early 1940s following the end of the Great Depression. By 1941, the campus expanded with more classrooms, and administrative, assembly, and cafeteria facilities during a time of rapid population growth in San Diego due to World War II support efforts. By the war's end, in 1947 and 1950 the campus was further expanded which was consistent with the baby boom and related post-war development of the surrounding area. In this, the 5 buildings that comprise the Franklin ES were constructed and

expanded over time to educate the rising number of school-aged children in the Kensington-area during a period of rapid growth due to the development of the Kensington neighborhoods, onset of World War II and related war efforts, and the eventual post-war baby boom – each of which resulted in an increase of families with young children in the area. As associated with a pattern of development significant to regional and local history, these 5 buildings collectively appear to be eligible as a historic district in the California Register under Criterion 1. This development, however, does not appear to rise to a level of significance necessary to warrant the district eligible for listing on the National Register under Criterion A, as the property does not appear to be associated with a larger New Deal economic program, nor did the board patterns of development make a significant contribution to American history.

When viewed together, the Franklin ES campus is reflective of design trends and changes over a 16-years period as the property morphed to accommodate an influx of young students in the area. As a result of this, the Franklin ES campus has a period of significance which ranges from the construction of the first permanent building in 1934, up through the construction of the last permanent building after World War II in 1951. Together, these 5 buildings appear to be eligible as a historic district under California Register Criterion 3, as being reflective of distinctive a multiple-building San Diego public school campus. Constructed from the depression-era up through the end of World War II, the campus is articulated in evolving Moderne and Mid-Century Styles that are reflective of Modernist indoor-outdoor school planning principles of the era. Further, the property conveys a strong association with two prominent San Diego master architects, Frank W. Stevenson and Samuel Wood Hamill. Both architects achieved distinction in San Diego for commissions articulated in period styles, which shifted toward modern designs during Franklin ES' periods of construction. Stevenson and Hamill's designs of buildings at this public school campus are notable within their larger prolific bodies of work for their streamlined application of contemporary design motifs to a multi-building elementary school campus. As such, the 5 early buildings comprising Franklin ES (Buildings 01-01, 02-02, 02-03, 04-05, and 05-06) appear eligible as a historic district under on the California Register under Criterion 3 for the campus embodiment of distinctive characteristics of a period, and as works of two San Diego Master architects. The property's design, stylistic articulation, and association with local designers does not appear to rise to a necessary threshold of significance which would render it eligible for listing on the National Register under Criterion C.

The property retains historic integrity of design, association, location, feeling, material, workmanship, and retains marginal historic integrity for its setting. In summary, Franklin ES Buildings 01-01, 02-02, 02-02, 04-05, and 05-06 and its surrounding campus retains historic integrity for its location, design, workmanship, materials, feeling, and association, and marginal historic integrity for its modified setting. As a result, the property retains overall historic integrity.

Lastly, none of the buildings on campus appear to rise to the threshold of individual distinction to be individually eligible for the National Register of Historic Places or California Register of Historic Resources on their own historical or architectural merits.

Impacts Analysis Findings and Recommendations

Given the determination of eligibility concluded as a result of the study presented above, and in consideration of the evolution of the conceptual design being formulated for the Project implementation, the following measures would be required to mitigate impacts to historical resources to a level of less than significant for purposes of CEQA. In addition, due to the potential to encounter previously unidentified, buried archaeological deposits, mitigation has been included to reduce impacts to archaeological resources, per Standard 8 above. Should close collaboration between the design team and ESA be instituted in following the measures outlined below, it is anticipated that the project would not result in significant impacts in accordance with CEQA.

MM 1: Prior to the issuance of a building permit for the subject property, a recordation document shall be prepared in accordance with Historic American Buildings Survey (HABS) Level III requirements for the eligible buildings within the identified historic district. The recordation document shall be prepared by a qualified architectural historian or historic preservation professional who satisfies the Secretary of the Interior's Professional Qualification Standards for Architectural History pursuant to 36 CFR 61. This document shall include a historical narrative on the architectural and historical importance of the building and its contributions to the history of the area and educational institutions. The document shall also record the existing appearance of the buildings in professional large format photographs. The buildings' exteriors, representative interior spaces, character-defining features, as well as the property setting and contextual views will be documented. All documentation components shall be completed in accordance with the Secretary of the Interior's Standards and Guidelines for Architectural and Engineering Documentation (HABS/HAER standards). Copies of the completed report will be distributed to the South Coastal Information Center (SCIC) at the California State University – San Diego.

The report shall record the history of the subject property and its physical condition, both historic and current, through site plans, historic maps, and photographs, as well as current photographs, written data, and text. The documentation will be organized in the HABS/HAER "short form" format to include the following sections: name, location, significance, description, history, sources, historians, project information, sketch map, and index of photographs. Selected photographic copies or original photographic prints (pursuant to HABS/HAER guidelines) of historic images showing the subject property and original surroundings will be included.

MM 2: Prior to the start of construction, a Qualified Preservation Professional shall be retained to develop a plan of action for avoidance and protection of historic materials in coordination. The plan shall include at a minimum:

1. Notation of the building/structure/feature on construction plans.
2. Pre-construction survey to document the existing physical condition of the building/structure/feature.
3. Procedures and timing for the placement and removal of a protective barrier(s), such as protective wood boards, bracing or framing to protect fragile fenestration and other exposed architecture features and materials, protective fencing and/or concrete or water-filled plastic K-rails around each retained building/structure/feature.

4. Monitoring of the installation and removal of protective barriers by the Qualified Preservation Professional, or his or her designee.
5. Monitoring of the condition of the building/structure/feature at regular intervals during the duration of demolition and construction including vibration monitoring.
6. Post-construction survey to document the condition of the building/structure/feature after completion of the Project.
7. Preparation of a technical memorandum documenting the pre-construction and post-construction conditions of the historic materials and resource in compliance with protective measures outlined in this mitigation measure.

The plan shall comply with the Secretary of the Interior's Standards for the Treatment of Historic Properties and shall be memorialized in a technical memorandum, which shall be submitted to District for review and approval. The final approved plan shall be submitted to the District no later than 30 days prior to the start of construction including any staging or demolition activities. The plan shall be provided to each construction manager/foreman at the project kick-off meeting for each phase of work. The technical memorandum documenting the pre-construction and post-construction conditions shall be submitted to the District within 30 days of completion of the Project and removal of the protective barriers.

In addition, prior to the start of construction, the District shall inform construction personnel of the location and significance of the historic materials/resource, and of the avoidance and protective measures that shall be implemented. If work crews are phased, the District shall ensure that each crew is provided with this information.

MM 3: The District shall retain a qualified preservation consultant, meeting the Secretary of the Interior's Professional Qualifications Standards for History, Architectural History, or Architecture, pursuant to 36 CFR 61 and who has at least 10 years of experience in design review and collaboration applying the Standards (Qualified Preservation Professional) to review the final plans for all new proposed construction to ensure conformance with the Secretary of the Interior's Standards for Rehabilitation (Standards) for the remaining portions of the historic district. The Qualified Preservation Professional shall address the compatibility of the new construction with adjacent historical resources in relation to Standards 9 and 10 (related and adjacent new construction).

The Qualified Preservation Professional shall prepare a Secretary of the Interior's Standards Preservation and Plan Review Report, documenting conformance with the Standards for the remaining portions of the historic district. The Qualified Preservation Professional shall submit a draft report to the District within 30 days of completion of the draft design plans, and shall make any recommendations necessary to bring the design into conformance with the Standards. The Qualified Preservation Professional shall review the final design plans and prepare a final report documenting conformance with the Standards, which shall be submitted to the District no less than 30 days prior to the commencement of construction. The final plan review shall be submitted to the District along with the final plan set prior to project approval.

MM 4: Retention of Qualified Archaeologist. Prior to the start of any ground disturbing activities, a qualified archaeologist, defined as an archaeologist meeting the Secretary of the Interior's Standards for professional archaeology (U.S. Department of the Interior 2008) shall be retained by District to carry out all mitigation measures related to cultural resources.

MM 5: Cultural Resources Sensitivity Training. Prior to start of any ground-disturbing activities, the qualified archaeologist shall conduct cultural resources sensitivity training for all construction personnel associated with the Project. Construction personnel shall be informed of the types of cultural resources that may be encountered during construction, and of the proper procedures to be enacted in the event of an inadvertent discovery of archaeological resources or human remains. District shall ensure that construction personnel are made available for and attend the training and retain documentation demonstrating attendance.

MM 6: Unanticipated Discoveries. In the event of the unanticipated discovery of non-prehistoric archaeological materials, all work shall immediately cease in the area (within approximately 100 feet) of the discovery until it can be evaluated by the qualified archaeologist. Construction shall not resume until the qualified archaeologist has conferred with District, and if necessary, the appropriate Native American representatives for prehistoric resources, on the significance of the resource.

If it is determined that the discovered archaeological resource constitutes a historical resource or a unique archaeological resource under CEQA, avoidance and preservation in place is the preferred manner of mitigation. Preservation in place may be accomplished by, but is not limited to, avoidance, incorporating the resource into open space, capping, or deeding the site into a permanent conservation easement. In the event that preservation in place is demonstrated to be infeasible and data recovery through excavation is the only feasible mitigation available, an Archaeological Resources Treatment Plan shall be prepared and implemented by the qualified archaeologist in consultation with District that provides for the adequate recovery of the scientifically consequential information contained in the archaeological resource. The qualified archaeologist and District shall consult with appropriate Native American representatives in determining treatment for prehistoric or Native American resources to ensure cultural values ascribed to the resource, beyond those that are scientifically important, are considered.

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Appendix A
Preparers' Qualifications

JOEL LEVANETZ, M.A., AICP, RPA

Managing Architectural Historian

EDUCATION

M.A., Public History and Teaching, University of San Diego, 2008

B.S., Anthropology and Archaeology, University of Wisconsin-Madison, 2004

15 YEARS EXPERIENCE

CERTIFICATIONS/ REGISTRATION/ EDUCATION

Registered Professional Archaeologist

PROFESSIONAL AFFILIATIONS

American Institute of Certified Planners

American Planning Association

National Trust for Historic Preservation

California Preservation Foundation

Mr. Levanetz is a Secretary of Interior Professional Qualified Archaeologist, Historian and Architectural Historian. Mr. Levanetz has 15 years of experience specializing in projects involving cultural and historic resource assessments, Historic American Building Survey (HABS)/Historic American Engineering Record (HAER)/Historic American Landscape Survey (HALS) documentation, and DPR 523 series form preparation.

Mr. Levanetz has overseen projects that range in scale and complexity. As project manager, Mr. Levanetz has coordinated surveys, supervised staff and subcontractors, provided quality control for data collection and technical report writing, interacted with regulatory agency personnel, maintained client communications, tracked budgets, met crucial project deadlines and established strong networks through business development.

Mr. Levanetz has a detailed understanding of relevant regulations and ordinances that affect cultural resources and historic properties, such as Sections 106 and 110 of National Historic Preservation Act (NHPA), the National Environmental Protection Act (NEPA), the California Environmental Quality Act (CEQA), and the Secretary of Interior Standards for the Treatment of Historic Properties. He has completed numerous impacts assessments and determinations of eligibility across a range of administrative levels including local, state, and National Register of Historic Places (NRHP). Among the agencies served by Mr. Levanetz are the California Department of Transportation (Caltrans), Federal Rail Administration (FRA), California High Speed Rail Authority, Federal Highway Administration, Department of Defense (DOD), Federal Emergency Management Agency (FEMA), Bureau of Land Management (BLM), National Park Service (NPS), California Energy Commission (CEC), Federal Communications Commission (FCC), Federal Aviation Administration (FAA), Department of Housing and Urban Development (HUD) and the General Services Administration (GSA).

Alison Garcia Kellar

Senior Architectural Historian

EDUCATION

MS, Historic Preservation, University of Pennsylvania

BA, Design, University of California at Davis

7 YEARS EXPERIENCE

PROFESSIONAL AFFILIATIONS
California Preservation Foundation Member

Society of Architectural Historians Member

National Trust for Historic Preservation Member

AWARDS
Albert Binder Travel Fellowship, 2012 and 2013

PennDesign Departmental Grant, 2011-2013

Alison is a senior architectural historian with 7 years of professional and academic experience with a background in historic preservation, design, and museum collections. Her work with historic resources and cultural heritage in California has included managing and authoring historic resource assessments, National Register Nominations, historic structure reports, feasibility studies, Federal Historic Preservation Tax Credit applications, in addition to extensive archival research and resource documentation. Alison utilizes an understanding of preservation design and historic interiors to inform impacts analyses of proposed development and recommendations for adaptive reuse.

Relevant Experience

Historic Resource Evaluation for Golden Gate Village, Marin City, CA. *Architectural Historian.*
The highly-intact Golden Gate Village low-income housing complex was constructed in 1958. The complex was constructed to house many of the former Marinship workers and their families, as by mid-century the temporary Marinship housing in this location had severely deteriorated. Designed by prominent mid-century designers including architects Aaron G. Green and John Carl Warnecke, and landscape architect Lawrence Halprin, the property today serves as an example of an integrated, well-designed community complex, that included towers built into a Marin hillside, with 1-and 2-story buildings, and landscaped areas oriented around a master plan. The property is significant for its association as a product of post-WWII urban development in Northern California, and for association with its prominent mid-century designers. Alison performed the site visit, documenting the property with photography and detailed notes, and conducted research through various local and private archival repositories, newspaper articles, architectural plan analysis, and interviews. She produced the report narrative and historic evaluation for the property. The property is currently listed on the National Register of Historic Places.

Historic Structure Report for McDonnell Hall, Our Lady of Guadalupe Chapel, San Jose, CA. *Architectural Historian.*
Constructed as a parish church in 1914, the building moved to its current location in 1953. Here, the building served as a newly formed Catholic Mission, the Center of Our Lady of Guadalupe. The property at this location is strongly associated with budding civil rights activist and labor rights leader Cesar Chavez, in addition to associative significance with ethnic Mexican migrant labor and labor organizing efforts, and the Mexican American civil rights movement of the mid-20th century. Alison assisted with the research, production, design recommendations, and quality control for the project. Design recommendations included in the report involved bringing the building back to its original appearance during its period of significance, which required a meticulous analysis of the building's historic

integrity. The property today is listed as a National Historic Landmark.

Preservation Consulting, Historic YMCA Hotel in the Embarcadero, San Francisco, CA. *Architectural Historian, Project Manager.*
Built in the early 20th century, the building was formerly a YMCA hotel used by young navy men and is currently a hotel along the waterfront with an adjacent YMCA recreational center. The hotel was proposing modifications which included rehabilitation work and reconfiguring the interior lobby space. Alison researched and documented how the interior had evolved over time by reviewing old plans, still shots from movies filmed on-location, post cards, and by reviewing the existing fabric. She developed narrative for the construction chronology with a focus on the building's public spaces at the interior, overseeing the entire production of the report. She identified extant character defining features, creating recommendations to update the client's proposed plans which included acceptable sensitive modifications to historic features and recommendations for potential future demolition.

Historic American Building Survey for Lockheed Missiles and Space, Sunnyvale, CA. *Architectural Historian, Project Manager.*
The Lockheed Martin Space Systems Company had an important association with the development of the defense industry and advanced communications systems in the San Francisco Bay Area. Large-scale technological contributions to defense-related pursuits were achieved here through aerospace manufacturing, research, and development. Subject buildings documented for this project were utilitarian, constructed using concrete tilt-up construction and were representative of industrial buildings developed for sensitive defense purposed of the era. Alison conducted the site visit, coordinated professional photography, and conducted extensive archival research to create the narrative for the HABS documentation in accordance with National Park Service standards. She assisted in providing the client with mitigation measures beyond building demolition, and coordinated with local, State, and Federal agencies throughout the project development and submission process.

Historic Preservation Consulting for the Palo Alto History Museum, Palo Alto, CA. *Architectural Historian.*
The Roth Building was the original location of the Palo Alto Medical Foundation. The former medical building is undergoing a conversion into a local history museum with gallery space, interpretive areas, and archival and study rooms. Alison assisted with secondary research efforts of both the medical foundation and the building, upon modifications to the museum's scope of work. This work helped ongoing efforts to determine the extent of the effect that proposed changes would have on the building's historic integrity. She conducted a Part 2 Federal historic rehabilitation tax credit application review which included recommendation to best comply with the Secretary of the Interior's Standards for Historic Preservation.

Delta Feasibility Study for three historic resources, Walnut Grove, CA.
Architectural Historian, Project Manager.
Three heritage buildings were identified for feasibility studies, including the adaptive reuse of a historic church for artist live/work, including performance and gallery space; the adaptive reuse of a schoolhouse into a community center; and the construction of an outdoor park to commemorate Asian American Heritage. These studies included a preliminary project description, market demand analysis, conceptual plan, cost estimate, potential partnerships and funding, and actions needed for public and private partners to implement the projects. Serving as the project manager and primary author, Alison coordinated site visits to the property and served as the day-to-day contact for the team of sub consultants. She undertook research efforts for the three properties, including extensive primary source documentation, and assisted with the creation of architectural recommendations for rehabilitation.

Historic Resource Evaluation and Preservation Consulting for the Half Moon Bay Barn and Jail Museum, Half Moon Bay, CA. *Architectural Historian.*
The City of Half Moon Bay was working with a local historical society to implement a history museum at the site of its early 20th century jail and adjacent barn. Alison conducted an in-depth evaluation of the property's development as the first portion of the work. She reviewed the proposed plans for buildings and site modifications to accommodate gallery space, offices, and archival storage. Coordinating with project architects, she assisted with the creation of recommendations for the proposed work to best comply with the Secretary of the Interior's Standards for Rehabilitation.

Previous Work Experience

Garavaglia Architecture, Inc. *Senior Architectural Historian and Project Manager.*
Alison was responsible for coordinating the firm's preservation studio projects, ranging between 10 and 20 active projects at any given time. She oversaw more than 50 projects from start to finish, managing client relationships and project timelines. Alison strategized with principal daily to define project goals and improve internal high standards of studio contracts and participated in proposal development, project scoping, planning, budgeting, and facilitated communication through all phases of the work. Alison collaborated with the architectural studio to: identify preservation-related issues and constraints, craft rehabilitation recommendations, design sensitive mitigation solutions for new development within historic buildings and districts, and justify approved preservation design solutions with the goal of minimizing adverse effects on the historic resource.

Publications and Presentations

California Preservation Foundation Conference, Panelist on modernism in 'Becoming Silicon Valley' and 'Documenting Hispanic Heritage' tour leader, 2018.

UC Davis Undergraduate Design Studio Lectures, 'Historic Preservation in Northern California,' 2014 and 'PennDesign Thesis: 20th Century Architectural Lighting and Establishing Guidelines for its Preservation,' 2013.

EDUCATION

MSc Historic Conservation, Oxford Brookes University

BA, European Studies, Brigham Young University

3 YEARS OF EXPERIENCE

PROFESSIONAL AFFILIATIONS

The Society for the Protection of Ancient Buildings

Historic England

National Trust for Places of Historic Interest or Natural Beauty

Hanna Winzenried

Architectural Historian

Hanna is an architectural historian with 3 years of academic and professional experience performing building conservation, historic research, and field surveys and conducting plan reviews for conformance with local regulations and ordinances. Prior to joining ESA, she has 1.5 years of experience with the City of Los Angeles, Department of Planning, in the Office of Historic Resources Historic Preservation Overlay Zones (HPOZ) Unit. Her experience and education both in California and abroad have given her a wide set of interdisciplinary skills, including strong technical and research skills.

Relevant Experience

9120 W. Olympic Boulevard Preliminary Assessment and Character Defining Features Analysis for the Harkham Hillel Hebrew Academy, Beverly Hills, CA. *Contributor.* ESA prepared a Phase I Historic Resources Assessment for the modernist educational building at 9120 W. Olympic Boulevard. The purpose of the report is to identify and evaluate potential historic resources. The subject property was built in 1963 as the largest Jewish day school. It was built in the Modernist architectural style by the renowned architect Sydney Eisenshtate. The Academy enrollment has outgrown the existing space, and the school is looking for a way to expand its square footage. Hanna performed research and prepared of the reports.

Universal Hilton Environmental Impacts Report and Historic Resources Technical Report for 555 W Universal Terrace Parkway, Los Angeles, CA. *Contributor.* ESA prepared an Environmental Impacts Report including a Historic Resources Technical Report. The Universal Hilton Hotel was designed by master architect, William L. Pereira in 1983 in the postmodern style. The hotel was designed to accommodate visitors to the Universal Theme Parks. The hotel management wants to expand the number of rooms by building a large addition. Hanna performed research and assisted in the preparation of the report.

361 Myrtle Street Peer Review Letter for the residence at 361 Myrtle Street, Glendale, CA. *Contributor.* ESA prepared a peer review letter to conduct a peer review of previous historic resource evaluations and analyze potential cumulative impacts of the demolition for the property at 361 Myrtle Street. Previous evaluations and the impact of demolishing the residence were reviewed and analyzed. Hanna performed research and assisted with the preparation of the report.

Nestor Way Affordable Housing Project Historical Resources Technical Report, San Diego, CA. *Contributor.* ESA prepared a Historical Resources Technical Report for 1120 and 1130 Nestor Way on behalf of the Federal Housing Administration. The site is improved with a Methodist church built in 1896 in the Gothic Revival architectural style and multiple ancillary buildings. The City of San

Diego is planning on constructing permanent supportive housing containing 100 units, consisting of multi-family affordable housing for formerly homeless seniors 55 years of age and older. Hanna performed research and assisted with the preparation of the reports.

Nelles School Site Redevelopment, Whittier, CA. *Contributor.* ESA oversaw the documentation and architectural salvage of the Fred C. Nelles School. Brookfield Residential plans on redeveloping the whole site into a residential neighborhood while maintaining four historically significant structures. Hanna helped draft a documentation and architectural features salvage plan according to the character defining features list and oversaw the deconstruction of the other school buildings to ensure the architectural features were salvaged correctly.

Riverside Cement Company, Crestmore Plant HAER, Jurupa Valley, CA. *Contributor.* ESA prepared two Historic American Engineering Records for the Crestmore Plant for the White Cement Mill and for the Stock House. The Riverside Cement Company, Crestmore Plant was a former cement plant that was initially constructed in 1909, although went through multiple periods of alteration. Developers proposed an industrial and open space development at the facility. Hanna helped drafts HAERs which had to be made as a mitigating measure for deconstruction of the historically eligible buildings, the White Cement Mill and the Stock House.

Previous Work Experience

Department of City Planning, City of Los Angeles. *Student, Professional Worker.* Hanna assisted HPOZ staff with client walk-ins, which included conducting design review, drafting casework letters/certificates, and performing public outreach/presentations regarding adoption of HPOZs. She conducted field surveys of several HPOZs, using photography and making note of historical elements. She corrected technical elements on databases of HPOZ properties and research historical patterns of neighborhood growth. Hanna also communicated with project applicants to improve their projects' conformance with preservation guidelines.

Museum of Peoples and Cultures, Brigham Young University. *Collections Manager.* Hanna made an itinerary of the entire Brigham Young University (BYU) ethnographic collection. Hanna designed and implemented a social media marketing campaign. She took pictures of 400 objects for the digital collection. She helped develop a new way to house kachina dolls and Polynesian necklaces. She cataloged 25 objects in a collection and housed them for storage.

History Department, Brigham Young University. *Intern.* As part of her duties as an intern, Hanna cataloged and transcribed historic letters to and from Senator Bancroft found in the BYU digital collections. Hanna also created a marketing plan to raise campus awareness for "Europe in a Nutshell" and helped to inaugurate the international event with prominent world leaders.

Publications and Presentations

"Knobs and Knockers: The Conservation of Arts and Crafts Metal Fixtures and Fittings," Oxford Brookes University (2015).

Appendix B
DPR Form

State of California □ The Resources Agency Primary #____
DEPARTMENT OF PARKS AND RECREATION HRI #
PRIMARY RECORD
Trinomial
NRHP Status Code 3CD
Other Listings _____
Review Code _____ Reviewer _____ Date _____

Page 1 **of** 30 ***Resource Name or #:** (Assigned by recorder) Benjamin Franklin Elementary School Historic District
P1. Other Identifier: Benjamin Franklin ES, 4481 Copeland Avenue
***P2. Location:** □ **Not for Publication** ☒ **Unrestricted**
***a. County** San Diego **and** (P2c, P2e, and P2b or P2d. Attach a Location Map as necessary.)
***b. USGS 7.5' Quad** La Mesa **Date** _____ **T** 16 ; **R** 2W ; __ □ **of** __ □ **of Sec** 29 ; ____ **B.M.**
c. Address 4481 Copeland Avenue City San Diego Zip 92116
d. UTM: (Give more than one for large and/or linear resources) Zone __, _____ mE/ _____ mN
e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, decimal degrees, etc., as appropriate)
APN: 5530-002-031

***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

Franklin Elementary School consists of five buildings and two portable structures clustered toward the northwest corner of a roughly L-shaped parcel. The eastern portion of the parcel includes raised garden beds, a pagoda, freestanding playground structures, and storage sheds. A large freestanding shade structure with corresponding ADA ramps and asphalt-paved basketball courts sit toward the central portion of the parcel. The southern portion of the parcel includes a baseball diamond with grassy field and large freestanding playground structured, which are accessible to the public. The classroom and administrative buildings line Monroe and Copeland Avenues, forming an L-shape in plan. A flagpole sits near the intersection of these two buildings, along Copeland Avenue. The library building sits toward the center of the plan, with two portable structures to the east. Much of the parcel surrounding play areas is paved in asphalt, while walkways are paved in concrete. A metal fence with various access points encloses the eastern and southern portions of the property, and extends partially along the western portion as well. [See Continuation Sheets]

***P3b. Resource Attributes:** (List attributes and codes) HP15 (Educational Building)

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)

***P4. Resources Present:**
☒ Building □ Structure □ Object
□ Site ☒ District □ Element of District
□ Other (Isolates, etc.)
P5b. Description of Photo: (view, date, accession #) Primary (west) elevation, view northeast
***P6. Date Constructed/Age and Source:** ☒ Historic □ Prehistoric
□ Both
1934-1951, original building plans, San Diego Unified School District
***P7. Owner and Address:**
San Diego Unified School District, Facilities Planning and Construction
4860 Ruffner Street
San Diego, CA 92111
***P8. Recorded by:** (Name, affiliation, and address) Alison Garcia Kellar
ESA
550 West C Street, Suite 700
San Diego, CA 92101
***P9. Date Recorded:** April 2019

***P10. Survey Type:** (Describe) Intensive Pedestrian
***P11. Report Citation**: (Cite survey report and other sources, or enter "none.")
none
***Attachments:** □NONE □Location Map ☒Continuation Sheet □Building, Structure, and Object Record
□Archaeological Record ☒District Record □Linear Feature Record □Milling Station Record □Rock Art Record
□Artifact Record □Photograph Record □Other (List): _____

Page 2 **of** 30 ***NRHP Status Code** 3CD
***Resource Name or # (Assigned by recorder)** Benjamin Franklin Elementary School Historic District
D1. Historic Name: Benjamin Franklin Elementary School D2. Common Name: Franklin ES

***D3. Detailed Description** (Discuss overall coherence of the district, its setting, visual characteristics, and minor features. List all elements of district.):

By 1920, the area surrounding the future Franklin ES site was undeveloped, while individual lots had been subdivided. Development immediately adjacent to the future Franklin ES site included a conglomeration of automobile garages, single family dwellings, and storage buildings, in what appears to have been a homestead on a large parcel of land. While the subject site remained undeveloped, surrounding smaller neighborhood parcels were developed sporadically, with one-story single family residences at this time. The Franklin ES began in 1929, shortly deed restrictions on solely residential development within Kensington were lifted, at the end of a period of rapid neighborhood development due to the onset of the Great Depression. [See Continuation Sheets]

***D4. Boundary Description** (Describe limits of district and attach map showing boundary and district elements.):

Located in the Kensington neighborhood of San Diego, the 4.00-acre parcel that comprises the Franklin ES campus is irregular in shape and bound to the north by Monroe Avenue, to the east by Van Dyke Avenue, to the south by Meade Avenue, and to the west by Copeland Avenue. The contributing buildings sit in the northern portion of the campus parcel.

[See Figure 25 in Continuation Sheets for map with boundary and district elements]

***D5. Boundary Justification:**

Extents of parcel owned by San Diego Unified School District.

D6. Significance: Theme Neighborhood Development, San Diego Unified School District, Streamline Moderne Style, Mid-Century Modern Style **Area** Kensington, San Diego
Period of Significance 1934-1951 **Applicable Criteria** 1, 3
(Discuss district's importance in terms of its historical context as defined by theme, period of significance, and geographic scope. Also address the integrity of the district as a whole.)

Franklin ES is recommended eligible as a historic district under California Register Criterion 1 and 3. Franklin ES is associated with the construction of residential suburbs in the Kensington neighborhood due to the population boom associated with the thriving San Diego Naval Station and defense industry during World War II that made a significant contribution to the broad patterns of development at the local level. Further, Franklin ES is eligible as an example of an expanding elementary school campus reflective of evolving Modernist principles as designed by notable San Diego architects Frank W. Stevenson and Samuel Wood Hamill. Based upon this significance finding, a period of significance has been identified as 1933, when the first permanent building was constructed on campus, to 1950 when Building 05-06 was constructed, completing the expansion of the school to support the booming population in the Kensington community after World War II. [See Continuation Sheets]

***D7. References** (Give full citations including the names and addresses of any informants, where possible.):

[See Continuation Sheets]

***D8. Evaluator:** Alison Garcia Kellar, ESA **Date:** April 2019

Affiliation and Address:
Environmental Science Associates, 550 W. C Street, Ste. 750, San Diego, CA 92101

***P3a. Description (continued)**:

A vehicular curb cut along Copeland Avenue serves as a pickup/drop off area for cars. Palm trees and swaths of grass line the western Copeland Avenue sidewalk.

Classroom Building 01-01, Assembly and Administration Building 02-03, and Classroom Building 02-02
Classroom Building 01-01 (1934), Assembly and Administration Building 02-03 (1941), and Classroom Building 02-02 (1941), are interconnected arranged in an L-shape configuration, abutting Copeland Avenue at the west and Monroe Avenue at the north (**Figures 1, 2, and 3**). There is landscaping along the north and west extents that includes grass, shrubbery, and mature trees. A sidewalk runs along these elevations. At the south and east elevations of this assembly of buildings, covered walkways lead to a covered lunch structure, with ADA ramps, concrete stairs, and other paved walkways and play areas. Vegetation toward the center of the property includes grass and mature trees.

Figure 1
Building 02-03 (left), Building 01-01 (center), and Building 02-02 (right) at intersection of Copeland Avenue and Monroe Avenue, looking southeast

Figure 2
Building 02-03 (left), Building 01-01 (center), and Building 02-02 (right) at east facade elevation location, looking east

Figure 3
Building 01-01 (left) and Building 02-02 (right), looking northeast

Classroom Building 01-01

Constructed in 1934, Classroom Building 01-01 is a one-story, rectangular plan building covered by a flat roof. It is articulated in a vernacular, minimal traditional style (**Figure 4**). The reinforced concrete walls are covered by plaster with a horizontal string course and chevron coping at the upper portion of the exterior walls. The building is asymmetrically organized on its east and west elevations, while the south elevation is symmetrical (**Figure 5**). The north elevation is enclosed by Building 02-03 which was constructed in 1941. Entrance into Building 01-01 is through a set of concrete steps in a centralized shared hallway with Building 02-03 (**Figure 6**). Three bays of 7-1/6 steel frame windows articulate the three classrooms at both the east and west elevations, with each assembly punctuated by an air-conditioning unit. A concrete niche is located at the southern portion of the west elevation.

Two smaller pairs of 1/3 steel frame window assemblies sit at the southern elevation located at the boys and girl's restrooms. Secondary access to the building is through a breezeway between Building 01-01 and Building 02-02. The west elevation faces the campus play area and includes additional building access via an ADA ramp. The window configuration at the east elevation mirrors that of the west elevation.

Figure 4
Building 01-01 west elevation, looking southeast

Figure 5
Building 01-01 west elevation, looking northeast

Figure 6
Building 01-01 south elevation (left) and east elevation (right)

The original north elevation of Building 01-01 is visible from the corner at Building 02-03 (**Figure 7**). The building features a double-loaded corridor with three classrooms to either side (**Figure 8**). Two skylights with evidence of brackets to hold glass below punctuate the ceiling and roofline along the corridor. The corridor features two children's drinking fountains with decorative teal-colored tile surrounds, with four blue decorative accent tiles with a floral motif. Original wood shelving with brackets for coat hanging line

either side of the corridor. Two single multilite wood doors with operable 2/3 lite transoms lead from each classroom onto the corridor. Additional 2/3 lite operable windows punctuate classrooms along the corridor at regular intervals.

Toward the rear of each classroom is a ‘cloak room’ and a ‘workroom’. The cloak room features original coat shelves and hooks with built-in cupboards, and the workroom includes a worktable with sink and small cabinetry and additional cubicles. Additional extant built-in features include open recessed shelving and a teacher’s wardrobe cabinet with shelves and coat hooks. The rooms include combination carpet and composition floor tiles as flooring material.

The boy’s and girl’s restroom sit at the southern extent of Building 01-01, at the east and west, respectively. The boy’s restroom includes urinals and stalls, while the girl’s restroom includes two banks of stalls, one of which appears to be original to the building. Both bathrooms have mirrors and low large contemporary sinks. Each have plaster walls and tile flooring.

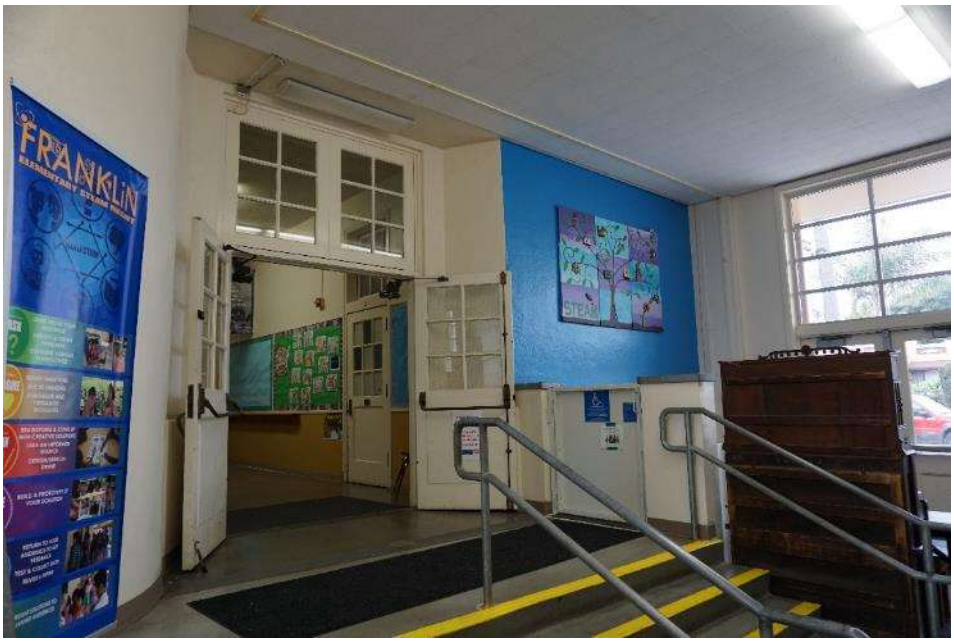

Figure 7
Building 02-03 corridor with entrance to Building 01-01

Figure 8
Building 01-01 double loaded corridor, looking south with original drinking fountain

Assembly and Administrative Building 02-03

The Assembly and Administrative Building 02-03 was constructed in 1941. Attached to the existing Classroom Building 01-01, the building extends along the northwestern corner of the subject parcel to the east. The interior corridor between Building 02-03 and Building 01-01 forms the building's facade and main entrance, along the west elevation at Copeland Avenue (**Figure 9**). Here, a volume rises from a centralized corridor that matches in height with adjacent Building 01-01. An overhang surmounts the entrance which is comprised of a pair of 2/4 fixed lite transoms each with a set of double doors with single lites below. Further north from this main entrance, a smaller one-story volume comprising the administrative portion projects slightly west with curving corners. Each curved corner along the west elevation is anchored by a glass block window assembly with corresponding 1/6 steel frame windows (**Figure 10**). An additional pair of 1/6 steel frame windows sits centered in this west elevation. A band of ribbed coping follows the curve of the walls toward its upper limit from this portion of the west elevation onto the north elevation. Curved concrete planters correspond with the building's curved walls, flank either side of the entryway.

The north elevation varies in height, with a one-story administrative portion at the western end, a centralized double-height auditorium, and a one-story cafeteria and kitchen at the eastern extent (**Figure 11**). The grade rises going further east along this elevation. Three 1/6 steel frame windows with a single door surmounted by a transom comprise the administrative portion of the north elevation. The auditorium appears to have once been symmetrical in its configuration, and now features 5-1/4 steel frame windows and what appears to be four enclosed former window openings above. The upper portion of this fenestration band aligns with the upper portion of the adjacent one-story administration part of the building. A pair of wood doors with a sand-blasted motif commemorating Benjamin Franklin sits centered in the auditorium volume of the elevation. A pair of fluted poured-in place concrete reliefs are surmounted by a curved banded awning that projects from the elevation. A chevron band of coping sits immediately above the doorway, which sits below a shallow relief panel indicating "BENJAMIN FRANKLIN SCHOOL" (**Figure 12**). Extending further east, a one-story projection houses the school's cafeteria and kitchen. A grouping of three 1/6 steel framed windows sits adjacent to a pair of double doors accessible by a set of concrete steps with a landing and metal hand rails. Further east in the cafeteria sit a pair of 1/4 lite steel framed windows. All portions of Building 02-03 have flat roofs, while the kitchen, located at the easternmost extent, features a slight flat roofed overhang. Here, a single door sits higher in the elevation, with a pair of 1/2 transom lites of different sizes.

The east elevation is largely unarticulated except for the kitchen projection. A projecting overhang covering a walkway extends the length of the building's south elevation, accessible through a set of concrete steps with a metal handrail. Single doors lead off of this walkway to girl's and boy's restrooms, followed by pairs of double doors with transoms and interspersed multilite window assemblies leading to the cafeteria. Beyond this, access to the auditorium is through a pair of double doors. Above the overhang, sit a band of 5-1/4 steel framed windows, which mirror those on the north elevation.

Figure 9
Building 02-03 at west facade with entryway corridor and curved walls with glass block, facing northeast

Figure 10
Detail of curved glass block corner and multilite windows along west facade of Building 02-03, facing southeast

Figure 11
North elevation of Building 02-03 with cafeteria (left) and auditorium (right), looking southwest

Figure 12
Detail of auditorium entrance at north elevation of Building 02-03, looking southeast

At the interior, a central corridor connects Building 01-01 to Building 02-03 **(Figure 13)**. The school's administrative functions comprise the northeastern portion of the building, which include the principal's office, a nurse's office, and a parent room, all of which are carpeted. Individual restrooms sit within the nurse's office, principal's office and parent room, which are all tiled. The principal's office and parent room both feature the curved glass block windows. This portion of the building includes skylights, and some doors feature single lite operable transom windows at the interior. The clerk/reception area includes

original built-in mailboxes and cabinetry). Storage spaces, and the clerk/reception area sit immediately off of the hallway accessible through a pair of multilite doors with corresponding transoms above.

The hallway features curved walls which mimic those at the exterior, and laminate flooring. ADA lifts offer access to the varying levels in this hallway. A set of stairs with metal handrails leads from the hallway to the original entrance of Building 01-01.

A raised stage space with wood flooring and storage is accessible from the central hallway or from a set of steps within the auditorium space. The auditorium features some fluted concrete detailing similar to that found at the entryway to the space. The auditorium shares a movable wall with the cafeteria, both of which are accessible from the outside covered walkway at the south elevation of Building 02-03. The auditorium features carpeted floor, while the cafeteria has composite tile flooring.

Figure 13
Building 02-03 corridor looking toward reception area, southeast view

Classroom Building 02-02

Classroom Building 02-02 is a one-story, rectangular plan building covered by a flat roof (**Figure 14**). It is articulated in a vernacular style, likely designed to match existing Building 01-01, in its massing, materials, and height. The reinforced concrete walls are covered by plaster. The building is A-symmetrically organized on its east and west elevations, while the north and south elevations are symmetrical. Bands of multi-lite steel framed windows articulate the three classrooms on either end of the building, similar in size and configuration as those at Building 01-01. Access to the building is through a breezeway between Building 02-02 and Building 01-01, leading to a north facing pair of multilite doors with a surmounting transom (**Figure 15**). The southern elevation is symmetrical in configuration with three pairs of doors with multilite transoms above (**Figure 16**).

The building similarly features a double-loaded corridor, with three classrooms to either side of the bisecting hallway. Each of the six classrooms is accessible via 3/3 multilite doors with 3/2 operable transom windows. Two skylights similarly punctuate the building at the central hallway. The built-in

cabinetry and ‘entry’ and ‘work spaces’ in Building 02-02 differ from those in Building 01-01 in their layout and configuration. Cabinetry, drawers, cubbies, coat hooks, and built in book shelves are all similarly present here.

Boy’s and girl’s restrooms are located at the southern portion of the building, each with an entry vestibule and an additional door. The girl’s restroom has several bathroom stalls, and the boy’s restroom has both urinals and stalls. Each have tile at the walls and floor. Both bathrooms have mirrors and low large contemporary sinks.

Figure 14
Building 02-02 north elevation (left) and west elevation (right), looking southeast

Figure 15
Building 02-03 east elevation (left) and north elevation (right), with connecting breezeway at right, looking southwest

Figure 16
Building 02-03 south elevation (left) and east elevation (right), looking northwest

Classroom Building 04-05

Classroom Building 04-05 is an L shaped one-story tall building covered by a flat roof and with stucco walls and was not designed in a particular architectural style. It is located on the northeast corner of the lot and is oriented south towards the rest of the school campus, and connects to Building 02-03 by a curved covered walkway (**Figure 17**). The interior consists of two first grade class rooms and two kindergarten classrooms, bathrooms, and storage. All of the windows are aluminum and the doors are metal with metal frames.

The south (main) façade faces towards the rest of campus. There is a grouping of six steel frame windows. There is a classroom door with an aluminum sash window to the left with two windows above **(Figure 18)**. From there the building turns south towards Building 05-06. It has groupings of aluminum clearstory windows above the canopy covering the walkway **(Figure 17)**. A portion of the north façade can be seen to the east of Building 05-06 where there are three aluminum windows. The west (side) elevation has a grouping of six aluminum sash windows and a door. To the south of the door is an aluminum sash window and there are smaller aluminum sash windows above the door and window. The single door sits below a metal projecting awning at the east elevation **(Figure 19)**. The north (rear) elevation fronts Monroe Avenue. On the west side there is a grouping of three aluminum sash windows, a door to the west, three groupings of six aluminum sash windows then two aluminum sash windows on the far east side **(Figure 20)**.

Figure 17
Curved covered walkway leading to Building 04-05, looking northeast

Figure 18
Building 05-06 (left) and Building 04-05 (right), looking northwest

Figure 19
East elevation of Building 04-05, looking west

Figure 20
Building 04-05 north elevation, looking southwest

Kindergarten Classroom Building 05-06

Building 05-06 is a single-story rectangular building with stucco siding and a flat roof. It contains a kindergarten classroom that faces the rest of campus. It is partially attached to Building 04-05 to the north. All of the windows are aluminum and the doors are metal. They have metal frames.

The main south (main) facade is asymmetrical in configuration with a projecting metal awning across the entire façade. There is a door with a transom above it and a bank of seven aluminum windows. A concrete ramp leads from the east to the entrance door with planters along the bottom of the south façade. The west (side) elevation has a tall parapet and two small aluminum sash windows **(Figure 21)**. The north (rear) elevation abuts with Building 04-05 to the east. There is a grouping of three aluminum sash windows and an additional door with concrete ramp at the south facade. The parapet continues around the north elevation **(Figure 22)**. There is an additional entrance on the east (side) elevation under a shed roof. There is a metal door with a pair of aluminum sash windows on either side and a transom above it **(Figure 23)**.

The post-modern library (Building 06-07) constructed in 2007 was not reviewed as part of this historic evaluation to its construction date beyond the period of significance.

Figure 21
Building 04-05 west elevation (left) and south facade (right)

Figure 22
Building 04-05 north elevation (left) and west elevation (right)

Figure 23
Building 04-05 east elevation

Figure 24
Building 04-05 south facade (left) with east elevation of Building 04-05 (right)

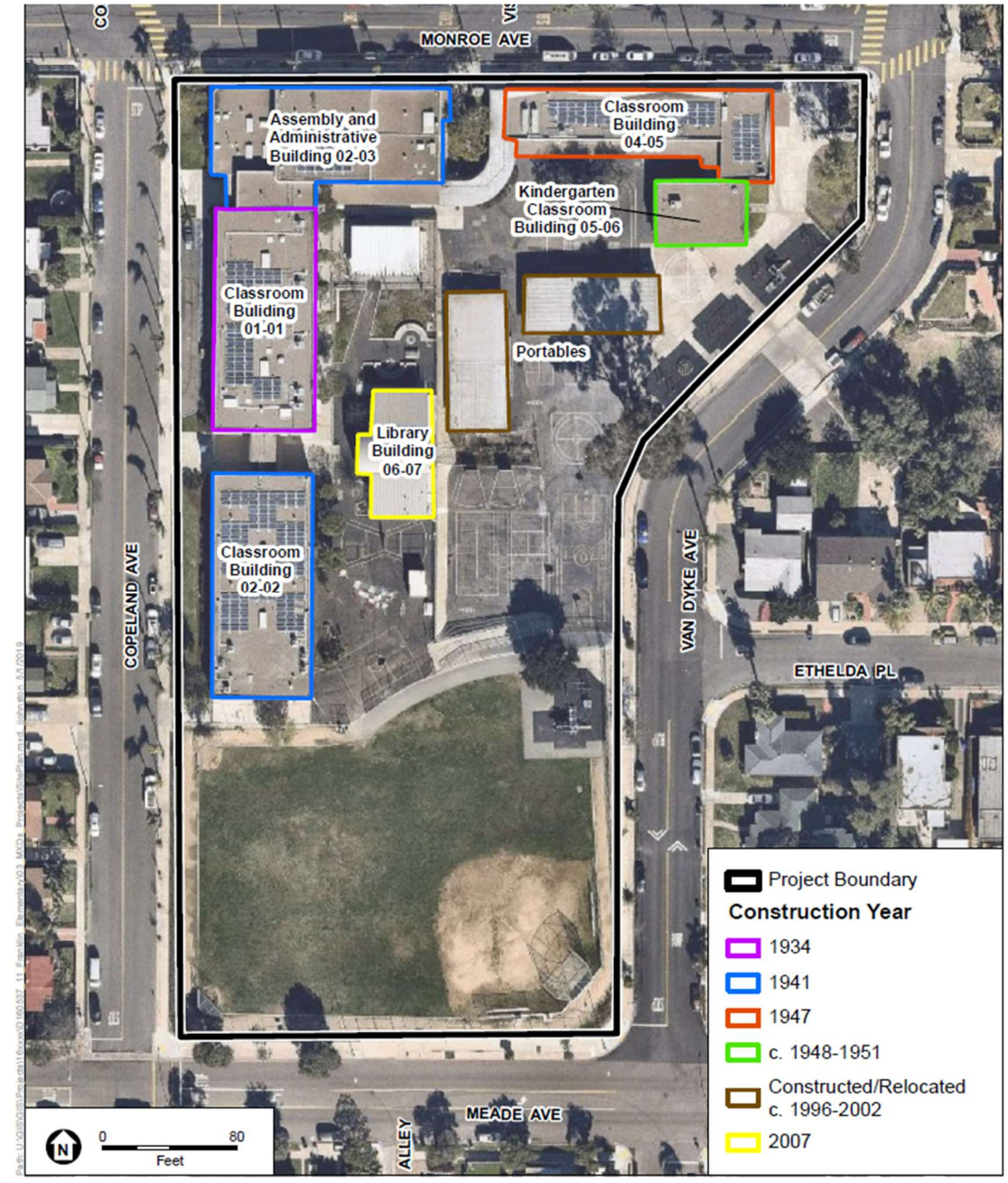

Figure 25
Site plan with construction history

***D3 Detailed Description (continued):**

The campus began with temporary wood portables at the site which were moved from adjacent Birney Elementary School.[1]

Local architects were asked to submit tentative sketches for the design of the first permanent building at the site in the summer of 1933.[2] Prominent local San Diego architect Frank W. Stevenson was soon after named as the architect for the proposed addition to the Franklin ES. Stevenson was to, "draw plans for a six-room addition to cost not more than $20,000."[3] His architectural plans for a "one-story six-room earthquake-proof structure" were accepted by the Board of Education that December.[4] Sealed bids were advertised for the school soon after, then closed due to non-conformance of prevailing wages for lath and plasterers.[5] Bids for a contractor to perform the work were again advertised the following month, with the lowest bid awarded to local contractors Calland and Eden. The accepted bid of $30,378 provided estimates for alternate configuration schemes, which won the contract as chosen by the Board. Alternative selections as chosen by the Board included the addition of linoleum floors, using hard cement instead of certain tile wainscoting, and acoustic plaster ceilings.[6]

Plot plans created in 1933 for Building 01-01 (prior to its construction) depict six existing (at the time) wood buildings including a two-room classroom building, three three-room classroom buildings, a kindergarten classroom building, and a house that accommodated two classrooms. Two of the three-room classroom buildings sat where the present day Classroom Building 02-02 presently sits, while the reaming wood buildings sat in the present-day baseball field, and playground areas.

This first permanent building at Franklin ES, Classroom Building 01-01, was completed by the fall of 1934. Newspaper articles from the time touted the new building being "the first new 'earthquake proof' unit of a permanent group of buildings for the Benjamin Franklin School." [7] Construction costs were $33,000.[8]

Original building plans show the building's entry points were at either end of the building, north and south. In plan, a double-loaded corridor housed three classrooms to either side. Single multilite wood doors, with operable transoms above fed from the classrooms and onto the corridor. Toward the rear of each classroom is a 'cloak room' and a 'workroom.' The cloak room featured coat shelves and hooks, with built-in cupboards, and the workroom features a worktable with sink and small cabinetry, and additional cubicles. Classrooms had slate black boards with chalk troughs, open book recessed shelves, and a teacher's wardrobe with shelves and coat hooks.

Five years after the construction of the initial permanent building, the Board of Education authorized a $292,000 school building program for the 1939-1940 school year. This funding was authorized just one

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[1] Wallace, Wallace and McCann, *San Diego's Kensington*, 77.
[2] "Buying Agent's Post Abolished by School Board," *San Diego Union*, September 6, 1933.
[3] "Webber Named on Playground Commission," *Evening Tribune*, September 19, 1933.
[4] "Accepts Plans for $20,000 S.D. School," *Evening Tribune*, December 12, 1933.
[5] "Notice to Building Contractors," *San Diego Union*, December 20, 1933.
[6] "S.D. School Annex Contract Awarded," *Evening Tribune*, January 23, 1934.
[7] "Unit of 'Earthquake-Proof' S.D. School," *The Evening Tribune*, Oct. 17, 1934.
[8] "New School is Proof Against Earth Shocks," *The San Diego Union*, October 19, 1934.

month before the beginning of World War II. The construction of six additional classrooms and an administrative unit and auditorium at Franklin ES were considered to be chief items as part of this program. [9] As part of the site preparations for the new buildings at the site, an alleyway at the property was to be closed off in order to provide additional land for new structures.[10] Additional land surrounding the campus was to be purchased for $10,000 for the school's expansion.[11]

The Streamline Moderne-designed administrative and assembly addition (Building 02-03) and the second bank of classrooms (Building 02-02) were designed by prominent San Diego architect Samuel Wood Hamill. By the fall of 1939, these two new buildings were under construction. According to a *San Diego Union* newspaper article, "One of the new buildings will consist of six classrooms; the other one will have a new auditorium, cafeteria, office, nurses' room, and a teachers' rest room in it. There will then be two wooden, and three concrete buildings in the school." [12] While construction of these two additional buildings was underway, school principal Louise E. Weller set up her office in a camper trailer.[13]

Construction continued through the fall of the following year, 1940.[14] The administration and assembly building was largely completed by mid-December, and dedicated in May of 1941.[15] The building included several Streamline Moderne features at the exterior, and enclosed Building 01-01 to the north with a shared interior corridor. The plot plan developed as part of the 1940 construction work depicts that several of the wood portable buildings from the 1933 set of drawings were still extant by this time. It is unclear when these buildings were demolished. Other original features from this time included a sand blasted pair of wood doors with a Benjamin-Franklin motif, and classrooms with entry spaces and workspaces replete with built-in cabinetry.

Due to the continued increase in school enrollment, likely because of the United States' entry into World War II and the influx of new families to the area, designs for an additional bank of classrooms were developed. By the fall of 1947, the Board of Education set out an advertisement to receive sealed bids for "furnishing all labor, material, equipment, transportation and services for alterations and additions to Benjamin Franklin Elementary school."[16] Architect Samuel W. Hamill again designed this addition to the campus, a bank of classrooms (Building 04-05) extending east along Monroe Avenue. By October of 1947, the Board of Education had accepted the construction costs for the proposed classroom wing addition at the campus.[17] The stand-alone addition was constructed sometime between 1948 and 1951. Improvements as part of this work included a curvilinear covered walkway which connected to the new bank of classrooms, including boy's and girl's restrooms and a storage room. Organized horizontally, four classrooms lead onto a covered walkway. Classrooms included built-in cabinetry including shelves, drawers, and overhead cabinets. This addition similarly included built-in cabinetry as the previous addition

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[9] "$292,000 Voted for School Units," *San Diego Union*, August 22, 1939.

[10] "Alley Closing Sought for School Addition," *San Diego Union*, September 22, 1939.

[11] "Authorize Land Purchase," *San Diego Union,* October 3, 1939, and "Alley Closing O.K.'d for New Auditorium," *San Diego Union,* October 6, 1939.

[12] "New Buildings Are Under Way at Franklin," *San Diego Union*, October 20, 1940.

[13] "School Business in Trailer as New Building Under Way," *Tribune Sun*, September 21, 1940.

[14] Ibid.

[15] "Board of Education Accepts Drawing for Edison School," *San Diego Union*, December 18, 1940, and "Head is Empty," *San Diego Union*, May 3, 1941.

[16] "Advertisement for Bids," *San Diego Union*, September 17, 1947.

[17] "No Action Taken," *San Diego Union*, November 5, 1947.

designed by Hamill, with small tiled pool adorned with a metal figurine at the easternmost kindergarten classroom.

As enrollment continued to grow, in 1951 Samuel Hamill also designed the smaller kindergarten classroom addition, Building 05-06, connecting to the previous addition at the southeast. In 1953, the kitchen area was remodeled which involved new equipment and a reconfiguration of the space and some of the walls. A Sanborn map created in 1959 shows the campus with one auxiliary building to the south of Building 02-02. Two new portables were constructed in 1960. Playground improvements in 1963 included the demolition of adjacent buildings at the south of the parcel, and the relocation of existing portables in addition to regrading, new fencing and recreational play equipment. Two additional portables were constructed in 1967 and 1968, respectively.

An outdoor recessed concrete ‘lunch court’ was constructed adjacent to original Building 01-01 in 1973. Site modifications continued in the 1980s including new gates and fencing, a new baseball field and baseball diamond with a new backstop, and new playground equipment. Piping for water was replaced during this period. Aerial photos taken between 1980 and 1989 indicate that the majority of the south and east portions of the parcel was developed for recreational use during this time. In the 1990s, two portables were added, and in 1998 several were renovated. Aerial maps indicate that the two large portable structures were constructed or relocated to their current location between 1996 and 2002. In 2001, a permanent shade structure was constructed at the lunch court. ADA ramps were added to the campus, and all permanent buildings received electrical upgrades.

More recent modernization efforts in 2007 included the demolition of existing portables and the construction of a new library building (Building 06-07) and corresponding landscaping. A curb cut was inserted along the west elevation to allow for a pickup/drop-off area. The restrooms were upgraded, and new stairs at the auditorium were included. Electrical lifts were inserted into Building 02-03; with one at the auditorium and two at the corridor hallway. More recent upgrades included an electrical display adhered to the west elevation of Building 01-01 at the pickup/drop-off area in 2017, and the installation of HVAC systems throughout all permanent buildings in 2018. Currently, the fields at the southern end of the campus operate as a City Park in a joint-use agreement between the City and the District.

*D6. Significance (continued):

The following buildings constructed during the period of significance contribute to the eligibility of Franklin ES as a historic district under California Register Criteria 1 and 3: Buildings 01-01, 02-02, 02-03, 04-05, and 05-06, and are considered contributors to the Franklin ES historic district. Therefore, the contributing buildings comprising Franklin ES are assigned a California Historic Resources Status Codes of 3CS, "appears eligible for the California Register as an individual property through survey evaluation." Due to the proposed demolition of Buildings 04-05 and 05-06, mitigation is recommended to ensure the protection of the historic integrity of the remaining contributing buildings at the campus property.

California Register of Historic Resources Evaluation

Criterion A/1: Events

Franklin ES was constructed as San Diego's Kensington neighborhood developed. In 1926, a deed restriction that only allowed for residential construction in the neighborhood was lifted, which would allow for civic and commercial buildings to be constructed in the area. Three years later the first portables were moved to the site as Franklin ES began. By 1933 the surrounding neighborhood was experiencing heavy development, as the first permanent building was constructed on the campus. By 1941, at the onset of World War II, the campus expanded with more classrooms, and administrative, assembly, and cafeteria facilities, during a time of rapid population growth in San Diego due to war support efforts. The campus property also expanded as the District acquired more land for the campus. By the war's end, in 1947 and 1950 the campus was expanded yet again which was consistent with the baby boom and related post-war development.

The Lanham Act of 1940 authorized 11 new elementary schools in San Diego, however no evidence was uncovered to suggest that Franklin ES was among these schools, nor that any part of the campus was undertaken as part of a WPA project, despite the construction dates.

The property appears to be eligible for listing under California Register Criterion 1 for eligibility related to historic patterns of development in the Kensington, San Diego neighborhood, as part of broader development patterns in California's history. The property does not appear to rise to a level of significance necessary for eligibility on the National Register of Historic Places as a historic district.

Criterion B/2: Significant Persons

Franklin ES does not appear to satisfy National Register Criterion B or California Register Criterion 2 for eligibility related to a historic personage. Franklin ES is not identified with the productive life of significant individual District teachers, principals, administrators, students, or any other persons important in our past.

Criterion C/3: Design/Construction

Franklin ES is a conglomeration of several different building campaigns, each stylistically reflective of the era in which it was built. The earliest building, Building 01-01 is a simplified example of a Moderne Style building, and Building 02-02 is similarly reflective of this style. Built at the same time as Building 02-02,

Building 02-03 is more strongly aligned with the Moderne style in San Diego, as it displays several of the character-defining features of this style. These three building comprised the original core of the campus, all constructed leading up to World War II.

Immediately after the war, Buildings 04-05 and Building 05-06 were constructed, in 1947 and 1950, respectively. These later buildings were articulated in a more vernacular version of the Mid-Century Modern Style or Contemporary Style, terms which are used interchangeably in the literature related to buildings of this era constructed in San Diego.

Moderne/Streamline Modern Style character-defining features present at the earliest buildings, Building 01-01, Building 02-03, and Building 02-02 include:

- Flat roof with coping
- Asymmetrical facade
- Horizontal massing and emphasis
- Smooth stucco exterior finish
- "Speedline" horizontal accents
- Curved building corners
- Corner windows
- Glass block

Mid-Century Modern/Contemporary Style character-defining features present at the post-World War II buildings; Building 04-05, and Building 05-06, include:

- Lack of applied ornament
- Eave overhangs and sheltering canopies
- Low horizontal massing
- Horizontal bands of flush windows
- Ribbons of steel frame windows

A full list of character-defining features is included in the Character-Defining Features section below. Further to this, all five of the original buildings on the Franklin ES campus are associated with master San Diego architects. The first building constructed in 1934, Building 01-01, by Frank W. Stevenson, who was an active architect in San Diego between the 1920s through the 1950s. His prominent works include the Medico-Dental Building in Downtown San Diego and the Grande Colonial Hotel in La Jolla. Master San Diego architect Samuel Wood Hamill was known for his prominent works in southern California, with many extant projects in San Diego. Hamill was one of four local architects hired to design the highly visible Works Progress Administration-sponsored San Diego City and County Administration Building. The County Administration Building, was constructed in 1936 with Beaux-Arts, Spanish Revival, and Streamline Moderne influences. Shortly after, his first two buildings for the Franklin ES were constructed. Hamill's style evolved as the times changes, as was common for architects practicing in this era. Following World War II, he designed the later two additions to Franklin ES, Buildings 04-05 and 05-06, constructed in 1947 and 1950, respectively. During this time Hamill designed the Veteran's War Memorial Building in Balboa Park (1950), in a modern style vastly differing than that of the administration building of the 1930s. Hamill was heavily involved with the San Diegans, Inc. organization which formed to address the blight in downtown San Diego. His efforts ultimately resulted in the City's completion of a General Plan, which began redevelopment efforts in the area. Afterwards, Hamill designed the notable Civic

Center and Community Concourse in downtown in 1964. Hamill's hand in the design of the Franklin ES campus building over the course of roughly 10 years reflects his evolving design aesthetic, constructed intermittently among some of his most high-profile civic commissions.

Together, these five buildings appear to be eligible as a historic district under California Register Criterion 3, as being reflective of distinctive San Diego public school architecture from the depression era up through the end of World War II articulated in both the Moderne and Mid-Century Styles and for a strong association with two prominent San Diego master architects. When viewed together, the Franklin ES campus is reflective of design trends and changes over a period of 16-years as the property morphed to accommodate an influx of young students in the area. As a result of this, the Franklin ES campus has a period of significance which ranges from the construction of the first permanent building in 1934, up through the construction of the last permanent building after World War II in 1951. The former playground area of this time period (1934-1951) was located at the present-day location of the Library building and lunch pavilion.

Individually, the buildings would lack distinction to be listed on the National Register of Historic Places or the California Register of Historic Resources as individually eligible resources under the design criterion. When viewed collectively as a campus, the five public school buildings are reflective of evolving tastes in Modernism as designed by master San Diego architects. These five buildings represent the distinguishable architectural identity of Franklin ES from 1933 to 1951 that would otherwise individually would lack distinction.

Criterion D/4: Data Potential

Franklin ES is not likely to yield any information important to prehistory or history. Therefore, Franklin ES does not meet the above criterion.

Integrity Analysis

The National Register and California Register recognizes a property's integrity through seven aspects or qualities: location, design, setting, materials, workmanship, feeling, and association. Eligible properties should retain several, if not most, of these aspects. Both registers require that a resource retain sufficient integrity to convey its significance, and the property must retain the essential physical features that enable it to convey its historical identity. Integrity is based on significance and understanding why a property is important. National Register Bulletin 15 states that "only after significance is fully established can you proceed to the issue of integrity" (U.S. Department of the Interior 2002). Franklin ES has been identified as a historic district significant under California Register Criteria 1 for its historical association with the development of the residential Kensington suburb prior to and after World War II. The school campus has also been identified as a historic district under the National Register Criteria C and California Register Criteria 3 for its embodiment of both streamline versions of Moderne and Mid-Century architecture as applied to a public elementary school campus, and for its association with master San Diego Architects Frank W. Stevenson and Samuel Wood Hamill. Based upon these significance findings, a period of significance has been identified as 1934 to 1951, when the first permanent building was constructed, through the construction of the last building in the post-war era.

The grouping of five buildings in an L-shape configuration along Copeland and Monroe Avenues remains the same, and the property has not been relocated. The property retains integrity of location. The school continues to express the aesthetic and historic feeling of a combination Moderne and Mid-Century Modern campus, constructed in various campaigns spanning from 1934 through to 1950, including its lunch area and large play areas. The buildings have undergone minor upgrades, per requirements for compliance with safety and access over time, including concrete ramps, lifts, replacements of surface materials that have outlived their reasonable service life, as would be expected with high-wear environments, and the installation of HVAC. These modifications have not altered the design of the buildings, and as a result, the buildings retain a high level of integrity for their original simple workmanship and materials as evidenced in the remaining built-in cabinetry, original windows, wood doors, interior skylights and operable transoms, and overall building massing, footprint, and configuration.

A review of the original plans for each of the eligible buildings confirms that much of the original designs remain intact, with modifications as mentioned above, that have not affected circulation or usage over time. As such, the property retains integrity of design. The property retains its integrity of association, as Franklin ES still operates as an elementary school, as it has since its construction. The property retains historic integrity of location. feeling, material, workmanship an association.

While the library building and later wood portable buildings were constructed on the campus after 1950, these structures do not overwhelm the campus and its historic one story buildings, however, they do sit toward the center of the property in the former location of different temporary portables and play area overtime. The property retains ample play areas despite this, and continues to have plantings along Copeland and Meade Avenues, as were present during the period of significance. Further, the property's boundaries have remained the same since its period of significance. In summation, the property retains marginal historic integrity for its setting. In summary, Franklin ES Buildings 01-01, 02-02, 02-03, 04-05, and 05-06 and its surrounding campus retains historic integrity for its location, design, workmanship, materials and association, and marginal integrity for its historic setting. As a result, the property retains historic integrity.

Conclusion

ESA evaluated Franklin ES for potential eligibility for listing in the National Register and California Register as a historic district.

The five earliest buildings comprising Franklin ES (Buildings 01-01, 02-02, 02-03, 04-05, and 05-06) were constructed as San Diego's Kensington neighborhood developed which paralleled an important early growth pattern for the burgeoning city. In 1926, a deed restriction that only allowed for residential construction in Kensington was lifted, which allowed for civic and commercial buildings to be constructed in the area. Three years later the first portables were moved to the largely vacant site as Franklin ES began. By 1934 the surrounding neighborhood was experiencing heavy development upon the construction of several Kensington subdivisions when the first permanent building was constructed on the campus. Despite this momentum, the Great Depression halted further development, leaving many empty lots throughout the neighborhood. Construction in Kensington resumed by the early 1940s following the end of the Great Depression. By 1941, the campus expanded with more classrooms, and administrative, assembly, and cafeteria facilities during a time of rapid population growth in San Diego due to World War

II support efforts. By the war's end, in 1947 and 1950 the campus was further expanded which was consistent with the baby boom and related post-war development of the surrounding area. In this, the 5 buildings that comprise the Franklin ES were constructed and expanded over time to educate the rising number of school-aged children in the Kensington-area during a period of rapid growth due to the development of the Kensington neighborhoods, onset of World War II and related war efforts, and the eventual post-war baby boom – each of which resulted in an increase of families with young children in the area. As associated with a pattern of development significant to regional and local history, these 5 buildings collectively appear to be eligible as a historic district in the California Register under Criterion 1. This development, however, does not appear to rise to a level of significance necessary to warrant the district eligible for listing on the National Register under Criterion A, as the property does not appear to be associated with a larger New Deal economic program, nor did the board patterns of development make a significant contribution to American history.

When viewed together, the Franklin ES campus is reflective of design trends and changes over a 16-years period as the property morphed to accommodate an influx of young students in the area. As a result of this, the Franklin ES campus has a period of significance which ranges from the construction of the first permanent building in 1934, up through the construction of the last permanent building after World War II in 1951. Together, these 5 buildings appear to be eligible as a historic district under California Register Criterion 3, as being reflective of distinctive a multiple-building San Diego public school campus. Constructed from the depression-era up through the end of World War II, the campus is articulated in evolving Moderne and Mid-Century Styles that are reflective of Modernist indoor-outdoor school planning principles of the era. Further, the property conveys a strong association with two prominent San Diego master architects, Frank W. Stevenson and Samuel Wood Hamill. Both architects achieved distinction in San Diego for commissions articulated in period styles, which shifted toward modern designs during Franklin ES' periods of construction. Stevenson and Hamill's designs of buildings at this public school campus are notable within their larger prolific bodies of work for their streamlined application of contemporary design motifs to a multi-building elementary school campus. As such, the 5 early buildings comprising Franklin ES (Buildings 01-01, 02-02, 02-03, 04-05, and 05-06) appear eligible as a historic district under on the California Register under Criterion 3 for the campus embodiment of distinctive characteristics of a period, and as works of two San Diego Master architects. The property's design, stylistic articulation, and association with local designers does not appear to rise to a necessary threshold of significance which would render it eligible for listing on the National Register under Criterion C.

The property retains historic integrity of design, association, location, feeling, material, workmanship, and retains marginal historic integrity for its setting. In summary, Franklin ES Buildings 01-01, 02-02, 02-02, 04-05, and 05-06 and its surrounding campus retains historic integrity for its location, design, workmanship, materials, feeling, and association, and marginal historic integrity for its modified setting. As a result, the property retains overall historic integrity.

Lastly, none of the buildings on campus appear to rise to the threshold of individual distinction to be individually eligible for the National Register of Historic Places or California Register of Historic Resources on their own historical or architectural merits.

***B12. References (continued):**

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Appendix C

Confidential –
Records Search Results

JAN 1992 CA-SDI 12463 H

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

Permanent Trinomial: _____ Supplement ☐

ARCHAEOLOGICAL SITE RECORD

Temporary Number: FSY-1

Page 1 of 3

Agency Designation: _____

1. County: San Diego County

2. USGS Quad: La Mesa (7.5') _____ (15') _____ Photorevised 1975

3. UTM Coordinates: Zone 11 / 490410 Easting / 3624290 Northing ( )

4. Township 16S Range 2W, _____ 1/4 of _____ 1/4 of _____ 1/4 of Section _____ Base (Mer.) SB ( )
Unsectioned portion of Mission San Diego

5. Map Coordinates: _____ mmS _____ mmE (from NW corner of map) 6. Elevation 365' AMSL

7. Location: The site is situated in the eastern side of the Franklin Elementary School yard. The site is covered by approximately eight feet of fill soil topped with a thin asphalt cover. ( )

8. Prehistoric _____ Historic X Protohistoric _____ 9. Site Description: The site consists of a small historic trash deposit buried under approximately eight feet of fill dirt. Deposit was discovered during trenching for utility installations. ( )

10. Area: 6 m (length) x Unknown m (width), Unknown m^2. Method of Determination: Length of trench ( )

11. Depth: 50 ± cm. Method of Determination: Trench wall profile. ( )

12. Features: None ( )

13. Artifacts: Bottle fragments, ironstone, building materials, horseshoes, automotive pulley, household items, kitchen vessels, and butchered food bone. ( )

14. Non-Artifactual Constituents: None ( )

15. Date Recorded: December 11, 1991 16. Recorded By: Brian F. Smith ( )

17. Affiliation and Address: Brian F. Smith and Associates
14678 Ibex Court, San Diego, CA 92129

JAN 1992 CA-SDI 12463H

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

Permanent Trinomial: _____ / _____ (mo. yr.)

ARCHAEOLOGICAL SITE RECORD

Temporary Number: FSY-1

Agency Designation: _____

18. Human Remains: None ( )

19. Site Integrity: Good — fill soil has protected the deposit ( )

20. Nearest Water (type, distance and direction): Seasonal drainage, 600 feet to the east ( )

21. Largest Body of Water Within One Km. (type, distance, and direction): Seasonal drainage, 600 feet to east ( )

22. Vegetation Community (site vicinity): Ornamentals [Plant List ( )] ( )

23. Vegetation Community (on site): None—asphalt-covered school yard [Plant List ( )] ( )

References for above: ( )

24. Site Soil: Fill (red-brown sandy loam) ( ) 25. Surrounding Soil: Same ( )

26. Geology: Marine Terrace Deposits ( ) 27. Landform: Mesa top ( )

28. Slope: 0-10% ( ) 29. Exposure: North, south, east, and west ( )

30. Landowner(s) (and/or tenants) and Address: Franklin Elementary School, 4481 Copeland Avenue, San Diego, CA 92123 ( )

31. Remarks: The site does not appear to be an organized trash dump, but rather a periodic scatter of artifacts. ( )

32. References: None ( )

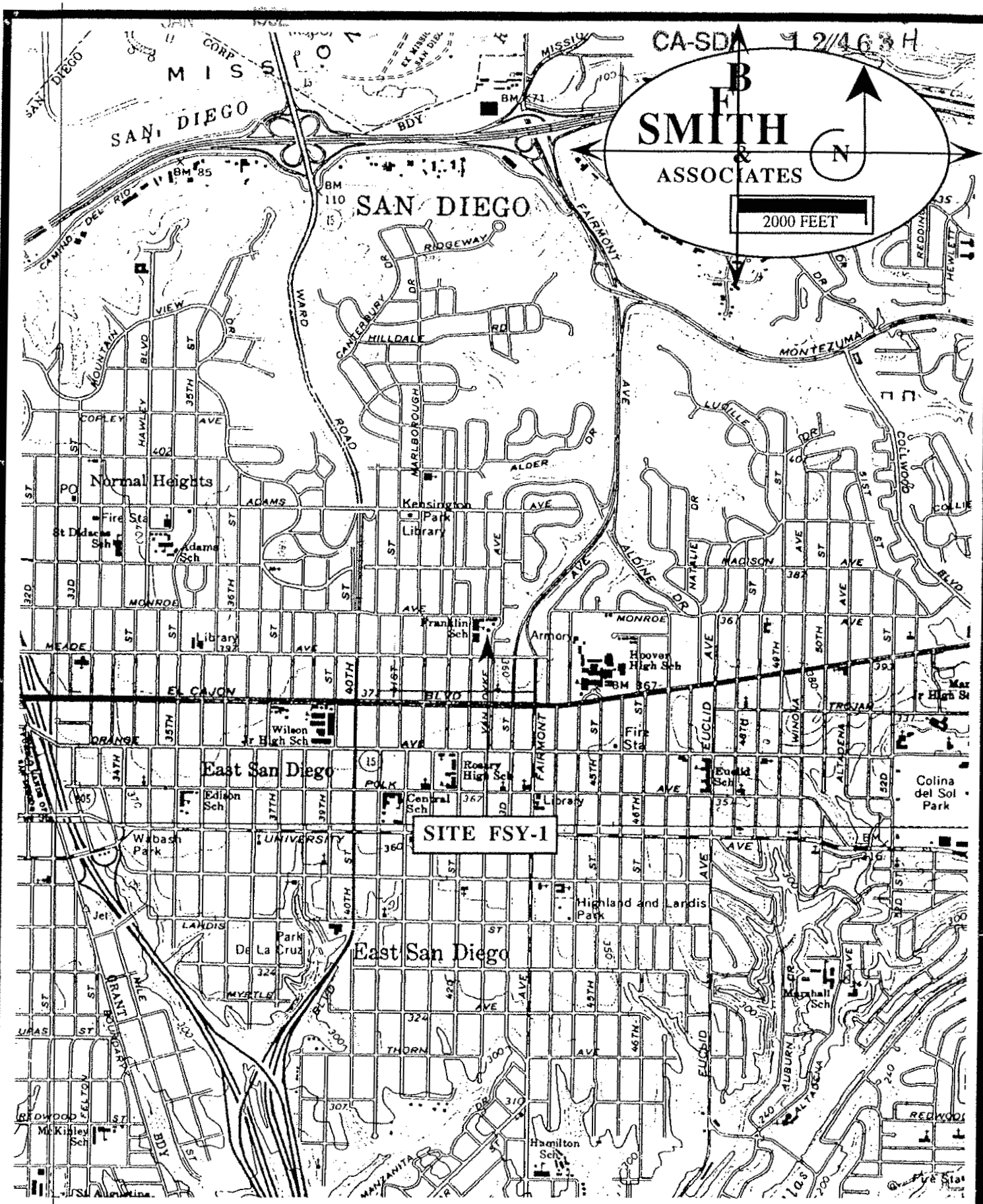
33. Name of Project: The Water and Sewer Group 478 Excavations for the City of San Diego ( )

34. Type of Investigation: Monitoring trench excavations ( )

35. Site Accession Number: _____ Curated At: Brian F. Smith and Associates ( )

36. Photos: Yes Taken By: Brian F. Smith and Associates ( )

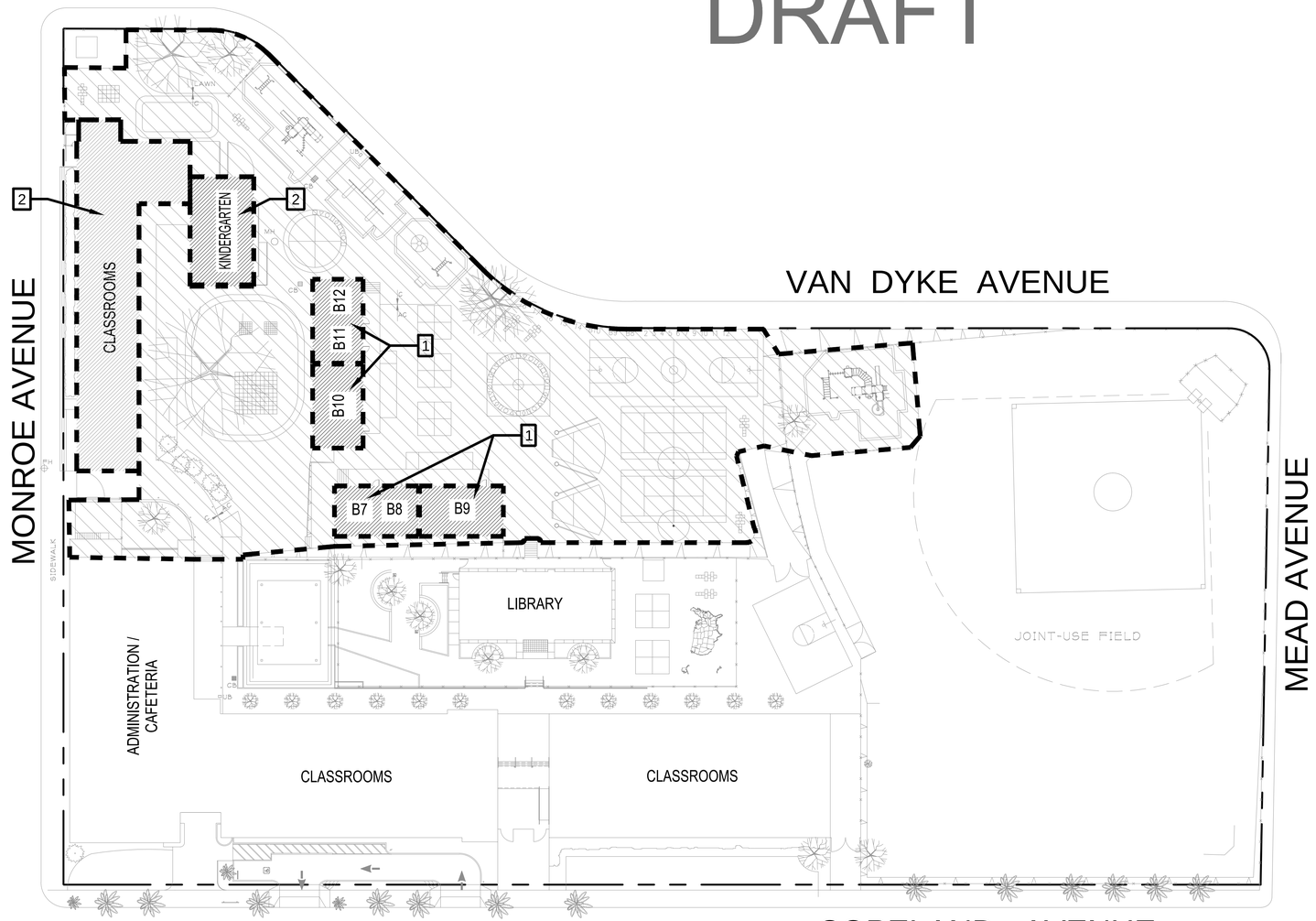
37. Photo Accession Number: _____ On File At: Brian F. Smith and Associates ( )



CULTURAL RESOURCE LOCATION MAP
THE WATER AND SEWER GROUP 478 PROJECT
U.S.G.S. LA MESA QUADRANGLE

Appendix D
Franklin ES Project Plan

DRAFT



KEY NOTES

1. EXISTING PORTABLES TO BE DEMOLISHED
2. EXISTING BUILDING TO BE DEMOLISHED

GENERAL NOTES

1. FIRE PROTECTION DURING DEMOLITION AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF 2013 CBC, CHAPTER 33.

LEGEND TABLE (NOTE: FOR ADDITIONAL INFORMATION, REFER TO KEY NOTES AND GENERAL NOTES)

BUILDING DEMOLITIONS AND PREPARE FOR NEW HARDSCAPE AND/OR LANDSCAPE - COORDINATE WITH CIVIL AND LANDSCAPE

DEMO EXISTING HARDSCAPE

DEMOLITION PLAN

OPTION 1

SCALE 1"=30'-0"

N

REVIEWED BY

AUTHOR OF DRAWING	DATE
I'M KNOWLEDGE WITH SIGNATURE	DATE

SAN DIEGO UNIFIED SCHOOL DISTRICT

PREPARED FOR THE
BOARD OF EDUCATION
SAN DIEGO UNIFIED SCHOOL DISTRICT
SAN DIEGO, CALIFORNIA

PREPARED BY THE
FACILITIES, PLANNING AND CONSTRUCTION
PROJECT MANAGEMENT DEPARTMENT

PROJECT NAME:

SCHOOL NAME AND ADDRESS:

SITE LOCATION NO.

FILE NAME

DATE 01/15/19

DRAWN SM

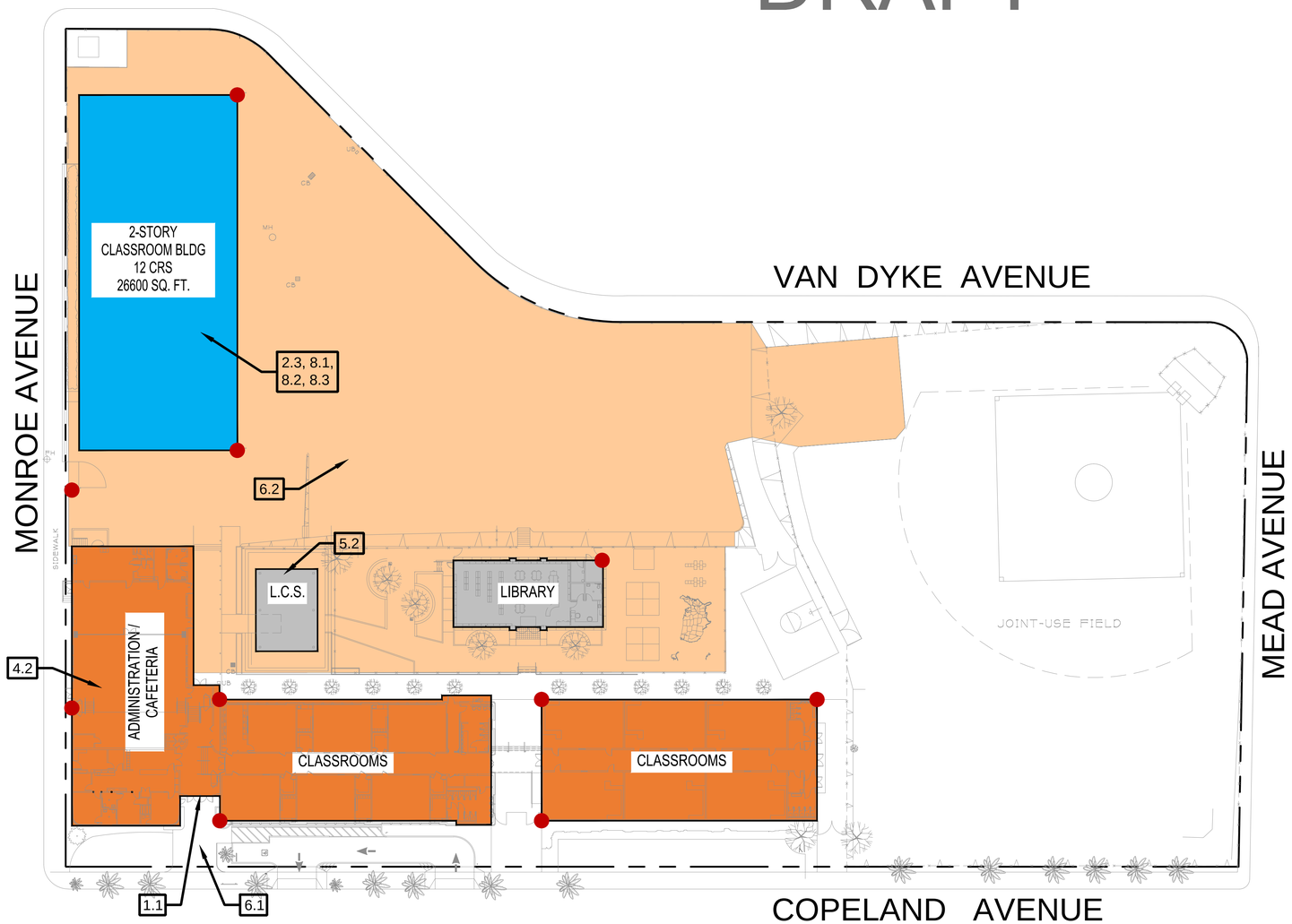
CHECKED DP

REVISIONS

SHEET NO. 1

OF 2 SHEETS

DRAFT



KEY NOTES

1. SITE SAFETY AND SECURITY
- 1.1 SINGLE POINT OF ACCESS

2. RIGHT SIZE CAMPUS
- 2.3 NEW BUILDING

4. MODERNIZATION
- 4.1 CUSTODIAL
- 4.2 PRESENTATION EQUIPMENT

5. FOOD SERVICE
- 5.1 SUPPLEMENT KITCHEN
- 5.2 LUNCH COURT

6. SITE WORK
- 6.1 RELOCATE/REPLACE FLAGPOLE
- 6.2 RELOCATE GARDEN

8. SPECIAL INITIATIVES
- 8.1 ADD MAKER SPACE
- 8.2 ADD COLLABORATIVE SPACE
- 8.3 GENDER NEUTRAL RESTROOMS

GENERAL NOTES

1. SITE SAFETY AND SECURITY
- a. FENCING
- b. COMMUNICATION SYSTEM
- c. ELECTRONIC ACCESS
- d. SECURITY CAMERAS

3. CODE COMPLIANCE
- a. ADA
- b. STRUCTURAL (UPGRADE EXISTING)
- c. FIRE (ALARM, SPRINKLERS)

4. MODERNIZATION
- a. CLASSROOM AND OFFICES
- b. TECHNOLOGY
- c. EXTERIOR PAINT

6. SITE WORK
- a. PLAYGROUND SHADE STRUCTURES
- b. PLAYGROUND

7. RENEWABLE ENERGY
- a. EXISTING ROOFTOP SOLAR PANELS

9. MAJOR INFRASTRUCTURE REPAIR/REPLACEMENT
- a. CAMPUS-WIDE UTILITIES (NEW POWER TO SITE)
- b. RETAINING WALL REPAIR

LEGEND TABLE

(NOTE: FOR ADDITIONAL INFORMATION, REFER TO KEY NOTES AND GENERAL NOTES)

- MODERNIZED BUILDING STRUCTURE (OR PART OF IT)
- NEW BUILDING CONSTRUCTION
- EXISTING BUILDING STRUCTURES (INCLUDES PORTABLES)
- FIRE LANE
- TURF FIELD (ARTIF., NATURAL, LANDSC. AREAS, ETC.)
- SITE SCOPE NEW/ REPLACEMENT (CONCRETE, ASPHALT PAV., DG, PLAYGROUNDS, ETC.)
- PROPERTY LINE
- NEW FENCE AND GATES
- JOINT USE FIELDS (DEMARCATE AREA)
- LIGHT POLES
- TOTAL: 10 SECURITY CAMERAS (MOUNTED TO BLDG. WALL OR LIGHT POLE)

SITE SCOPE PLAN

OPTION 1
SCALE 1"=30'-0"

N

REVIEWED BY
AUTHOR OF DRAWING — DATE
DSA KNOWLEDGE WITH SIGNATURE — DATE

SAN DIEGO UNIFIED SCHOOL DISTRICT

PREPARED FOR THE
BOARD OF EDUCATION
SAN DIEGO UNIFIED SCHOOL DISTRICT
SAN DIEGO, CALIFORNIA

PREPARED BY THE
FACILITIES, PLANNING AND CONSTRUCTION
PROJECT MANAGEMENT DEPARTMENT

PROJECT NAME:
FRANKLIN ES: WSM

SCHOOL NAME AND ADDRESS:
FRANKLIN ELEMENTARY SCHOOL
4481 COPELAND AVE, SAN DIEGO, CA 92116

SITE LOCATION NO.
113

FILE NAME

DATE
01/15/19

DRAWN SM
CHECKED DP

REVISIONS

SHEET NO.
2
OF 2 SHEETS

Appendix C
Energy Appendix

ESA

Energy Appendix
Table of Contents

1 Assumptions and Calculations
2 Emissions Information
3 CalEEMod Output (See GHG Appendix)
4 EMFAC2017 (See Air Quality Appendix)

1. Assumptions and Calculations

Franklin School Project
Energy Summary

Construction Fuel Consumption Summary

	gallons		
Year	**Diesel**	**Gas**	**# Years**
Total Compressed	***35,266***	***4,182***	1
Annual Average	35,266	4,182	

*Note: Mitigated and unmitigated construction emissions of CO_2 are identical

State Usage (2017)[1,2]	3,107,823,655	15,589,042,965
Project % State	0.0011%	0.0000%
County Usage[3]	92,000,000	1,231,000,000
Project % County	0.0383%	0.0003%

Construction	Total Gallons	Annual Comp		
Onsite Equipment	29,886	29,886	diesel	35,266
Onsite Equipment	0	0	gasoline	5,380
Haul Trucks	2,226	2,226	diesel	
Vendor Trucks	3,153	3,153	diesel	
Worker Trips	4,182	4,182	gasoline	
	5,379.52	5,379.52		

Annual Operational Fuel Consumption No New Trips/no mobile source emissions.

	gallons		Million kBTU/yr[3]	GWh/yr[3]		
	Diesel	**Gas**	**Natural Gas**	**Electric**		
Existing						
Unmitigated	0.00	0.00	0.242	0.230		
% of County	*0.00%*	*0.00%*	0.0003%	0.001%		
% SDG&E				0.001%		
%SoCalGas			0.00022%			
New Building						
Unmitigated	0.00	0.00	0.057	0.07	0.222	0.225
% of County	*0.00%*	*0.00%*	0.0000%	0.000%		
%SDGE/SoCal (2017)			0.000222%	0.000%		
Modernization						
Unmitigated	0.00	0.00	0.165	0.16		
% of County	*0.00%*	*0.00%*	0.00%	0.001%		
%SDGE/SoCal (2017)			0.00%	0.001%		
Net						
Unmitigated	0.00	0.00	-0.0195	-0.0046		
% of County	*0.00%*	*0.00%*	0.0000%	0.0000%		
%SDGE/SoCal (2017)			-0.00002%	-0.00002%		

Franklin School Project
Energy Summary

	KBTU	kWh	GWh	
Existing[4]	241,970	223,330		0.22
New Building[4]	57,486	64,052		0.22
Modernization[4]	164,972	154,158		
San Diego County	81,707,000,000		15,635	
SDGE (2017)			18,660	
SDGE (2020)			24,119	
SoCalGas (2017)	109,135,000,000			
SoCalGas (2024)	108,040,000,000			

Assumptions

Gasoline

19.6 pounds of CO_2 per gallon of gasoline[7]

0.45 kg = 1 pound

8.89 Kg of CO_2 per gallon of Gasoline

Diesel

22.4 pounds of CO_2 per gallon of diesel fuel[7]

0.45 kg = 1 pound

10.16 Kg of CO_2 per gallon of Gasoline

Construction	diesel	Used for trucks (haul and vendor) and off-road equipment
	gasoline	worker vehicles
Operation	diesel	Majority of trucks and buses
	gasoline	remaining vehicle mix

LCFS & Pavley assumed for on-road vehicles after year 2011

Sources:

1 CEC. 2018a. Gasoline Fuel Data, Facts and Statistics. Taxable Diesel Sales in California. Available: http://www.energy.ca.gov/almanac/transportation_data/gasoline/. Accessed October 2018.

2 CEC. 2018b. Diesel Fuel Data, Facts and Statistics. Taxable Diesel Sales in California. Available: http://www.energy.ca.gov/almanac/transportation_data/diesel.html. Accessed October 2018.

4 ESA 2019 Annual CalEEMod Output

5 http://www.ecdms.energy.ca.gov/elecbyutil.aspx

6 http://www.ecdms.energy.ca.gov/gasbyutil.aspx

7 U.S. Energy 2017: https://www.eia.gov/tools/faqs/faq.php?id=307&t=11

Franklin School Project
Energy Summary

Operational Water Energy Estimates

Source	Indoor Water Use	Outdoor Water Use	Total Water Use	Electricity Demand (million kWh)	
Existing	0.513453	0	0.513453	0.0066857	
New Building	0.19564	0	0.19564	0.0025474	0.01
Modernization	0.356722	0	0.356722	0.0046449	

CalEEMod Water Electricity Factors

Electricity Intensity Factor To Supply (kWh/Mgal)	Electricity Intensity Factor To Treat (kWh/Mgal)	Electricity Intensity Factor To Distribute (kWh/Mgal)	Electricity Intensity Factor For Wastewater Treatment (kWh/Mgal)
9727	111	1272	1,911

Franklin School Project

Unmitigated Fuel Conversion - Construction

	Total CO_2 MT/yr	Fuel Type	Factor $KGCO_2$/gal	Gallons	Total Diesel (gal)	Total Gas (gal)
Add Portable Classrooms						
Off-road	0.00	diesel	10.16	0		
Off-road		gasoline	8.89	0		
Haul	1.39	diesel	10.16	137		
Vendor	0.00	diesel	10.16	0		
Worker	0.74	gasoline	8.89	83	137	83
Site Modernization						
Off-road	4.10	diesel	10.16	404		
Off-road		gasoline	8.89	0		
Haul	0.00	diesel	10.16	0		
Vendor	0.60	diesel	10.16	59		
Worker	0.93	gasoline	8.89	105	463	105
Demolition (Buildings 04-05/05-06)						
Off-road	21.21	diesel	10.16	2,088		
Off-road		gasoline	8.89	0		
Haul	20.53	diesel	10.16	2,021		
Vendor	0.00	diesel	10.16	0		
Worker	0.86	gasoline	8.89	97	4,108	97
Grading						
Off-road	3.12	diesel	10.16	307		
Off-road		gasoline	8.89	0		
Haul	0.00	diesel	10.16	0		
Vendor	0.00	diesel	10.16	0		
Worker	0.13	gasoline	8.89	15	307	15
Site Modernization						
Off-road	7.32	diesel	10.16	721		
Off-road		gasoline	8.89	0		
Haul	0.00	diesel	10.16	0		
Vendor	1.08	diesel	10.16	106		
Worker	1.65	gasoline	8.89	186	827	186
Building Construction						
Off-road	182.36	diesel	10.16	17,948		
Off-road		gasoline	8.89	0		
Haul	0.00	diesel	10.16	0		
Vendor	21.53	diesel	10.16	2,119		
Worker	17.20	gasoline	8.89	1,935	20,067	1,935
Paving						
Off-road	5.93	diesel	10.16	584		
Off-road		gasoline	8.89	0		
Haul	0.00	diesel	10.16	0		
Vendor	0.00	diesel	10.16	0		
Worker	0.43	gasoline	8.89	48	584	48

Franklin School Project

Unmitigated Fuel Conversion - Construction

	Total CO_2 MT/yr	Fuel Type	Factor $KGCO_2$/gal	Gallons	Total Diesel (gal)	Total Gas (gal)
Architectural Coating						
Off-road	1.28	diesel	10.16	126		
Off-road		gasoline	8.89	0		
Haul	0.00	diesel	10.16	0		
Vendor	0.00	diesel	10.16	0		
Worker	0.17	gasoline	8.89	19	126	19
Demolition (Portable 2)						
Off-road	1.57	diesel	10.16	155		
Off-road		gasoline	8.89	0		
Haul	0.20	diesel	10.16	20		
Vendor	0.00	diesel	10.16	0		
Worker	0.05	gasoline	8.89	6	174	6
Site Modernization						
Off-road	60.05	diesel	10.16	5,910		
Off-road		gasoline	8.89	0		
Haul	0.00	diesel	10.16	0		
Vendor	8.83	diesel	10.16	869		
Worker	13.56	gasoline	8.89	1,525	6,780	1,525
SM - Architectural Coating						
Off-road	12.79	diesel	10.16	1,259		
Off-road		gasoline	8.89	0		
Haul	0.00	diesel	10.16	0		
Vendor	0.00	diesel	10.16	0		
Worker	1.32	gasoline	8.89	148	1,259	148
Demolition (Portables 1, 3, and 4)						
Off-road	3.93	diesel	10.16	386		
Off-road		gasoline	8.89	0		
Haul	0.50	diesel	10.16	49		
Vendor	0.00	diesel	10.16	0		
Worker	0.13	gasoline	8.89	15	435	15

Estimated Fuel Savings from Anti-Idling Regulation (64% based on CARB emissions reductions)

	Gallons	% Idling	Gallons Idle
Annual Haul	2,226.02	1.03	23
Annual Vendor	3,153.50	8.80	278
Total			300
Savings			108

Source: California Air Resources Board (CARB), 2004. Staff Report: Initial Statement of Reasons for Proposed Rulemaking, Airborne Toxic Control Measure to Limit Diesel-Fueled Commercial Motor Vehicle Idling, Appendix F, July 2004, https://www.arb.ca.gov/regact/idling/idling.htm, accessed November 2016.

Franklin School Project
Unmitigated Fuel Conversion - Construction

Construction Water Energy Estimates

Source	Acres	Daily Use (Mgal)	days of Project	Total Use (Mgal)	Total Electricity Demand (kWh)	Annual Electricity Demand (kWh)
Project	1.43	0.00429	251	1.077	14,021	14,021

CalEEMod Water Electricity Factors

Electricity Intensity Factor To Supply (kWh/Mgal)	Electricity Intensity Factor To Treat (kWh/Mgal)	Electricity Intensity Factor To Distribute (kWh/Mgal)	Electricity Intensity Factor For Wastewater Treatment (kWh/Mgal)
9727	111	1272	1,911

	kWh
Annual Project	14,021
SD County	15,635,000,000
% County	0.000090%

Sources:

Electricity Intensity Factors - California Emissions Estimator Model (CalEEMod).

Estimated construction water use assumed to be generally equivalent to landscape irrigation, based on a factor of 20.94 gallons per year per square foot of

landscaped area within the Los Angeles area (Mediterranean climate), which assumes high water demand landscaping materials and an irrigation system efficiency of 85%.

Factor is therefore (20.94 GAL/SF/year) x (43,560 SF/acre) / (365 days/year) / (0.85) = 2,940 gallons/acre/day, rounded up to 3,000 gallons/acre/day.

(U.S. Department of Energy, Energy Efficiency & Renewable Energy, Federal Energy Management Program. “Guidelines for Estimating Unmetered Landscaping Water Use." July 2010. Page 12, Table 4 - Annual Irrigation Factor – Landscaped Areas with High Water Requirements).

2. Emissions Information

Franklin School Project
Energy Information - Electricity

Accessed: Mar-19

Electricity Information

SDG&E

San Diego County	15,635,000,000	kWh	
	15,635	gWh	2017 Data

CEC Electircal Consumption by County: http://www.ecdms.energy.ca.gov/elecbycounty.aspx

SDG&E Total	18,659,603,000	kWh	
	18,660	GWh	2017 [1]
	24,119	GWh	2020 [2]

1 CEC, 2016. Electricity Consumption by Entity; http://www.ecdms.energy.ca.gov/elecbyutil.aspx

2 CEC 2009; https://www.energy.ca.gov/...forecast.../Chap4SDGEforms-Adopted-09.xls

Electric Power Mix Delivered to SCE Retail Customers in 2017

Energy Resources	2017 Power Mix[a]	2017 Eco Choice Mix [a]	2017 CA Power Mix [a]
Eligible Renewable	44%	100%	29%
• Biomass & waste	2%	0%	2%
• Geothermal	0%	0%	4%
• Small hydroelectric	0%	0%	3%
• Solar	21%	100%	10%
• Wind	21%	0%	10%
Coal	0%	0%	4%
Large Hydroelectric	0%	0%	15%
Natural Gas	39%	0%	34%
Nuclear	0%	0%	9%
Other	0%	0%	<1%
Unspecified sources of power [b]	17%	0%	9%
TOTAL	**100%**	**100%**	**100%**

[a] California Energy Commission, Utility Annual Power Content Labels for 2012 & 2017

[b] "Unspecified sources of power" means electricity from transactions that are not traceable to specific generation sources.

Franklin School Project
Energy Information -Natural Gas

Accessed: Mar-19

Natural Gas Information

SDG&E

San Diego County 81707 million KBTU 2018

San Diego Gas and Electric, 2018 Energy Data, 2018. Available at: https://energydata.sdge.com/ Accessed February 2019

SDG&E Total

2013	2017	2020		
371	299	296	MMCF/day	(total Supply Taken)
135,415	109,135	108,040	MMCF/year	
1.35415E+11	1.09135E+11	1.0804E+11	CF/year	
1,000	1,000	1,000	BTU per cubic feet	
1.35415E+14	1.09135E+14	1.0804E+14	BTU	
135,415	109,135	108,040	Billion BTU	
135,415,000	109,135,000	108,040,000	Million BTU	

SoCal Gas 2018 California Gas Report: https://www.socalgas.com/regulatory/cgr.shtml.

https://www.socalgas.com/regulatory/documents/cgr/2018_California_Gas_Report.pdf

Franklin School Project
Energy Information - Transportation Fuels

Accessed: Mar-19

Transportation Fuels

Gasoline

State Consumption

15,589,042,965 gallons 2018

15.59 billion gallons 18.70

http://www.energy.ca.gov/almanac/transportation_data/gasoline/

http://www.cdtfa.ca.gov/taxes-and-fees/MVF_10_Year_Report.pdf

County Consumption

1,231 million gallons San Diego 2017

http://listserver.energy.ca.gov/almanac/transportation_data/gasoline/piira_retail_survey.html

2010-2017 CEC-A15 Results and Analysis (XLSX File

Diesel

Diesel Consumption

3,107,823,655 gallons 2017

3.11 billion gallons

https://www.cdtfa.ca.gov/taxes-and-fees/spftrpts.htm

http://www.cdtfa.ca.gov/taxes-and-fees/Diesel_10_Year_Report.pdf

County Consumption

92 million gallons San Diego

http://listserver.energy.ca.gov/almanac/transportation_data/gasoline/piira_retail_survey.html

2010-2017 CEC-A15 Results and Analysis (XLSX File

Integrated Energy Policy Report

https://www.energy.ca.gov/energypolicy/

Appendix D
Paleontological Records Search

ESA

14 June 2019

Mr. Michael Vader
ESA
550 West C Street, Suite 750
San Diego, CA 92101

RE: Paleontological Records Search – Benjamin Franklin Elementary School Whole Site Modernization Project (Project No. D160537.12)

Dear Mr. Vader:

This letter presents the results of a paleontological records search conducted for the Benjamin Franklin Elementary School Whole Site Modernization project (Project), located in the southern portion of the Kensington neighborhood within the Mid-City: Kensington-Talmadge community plan area of the City of San Diego, San Diego County, California. The Project site is located at 4481 Copeland Avenue, and is bordered to the west by Copeland Avenue, to the north by Monroe Avenue, to the east by Van Dyke Avenue, and to the south by Meade Avenue.

A review of published geological maps covering the Project site and surrounding area was conducted to determine the specific geologic units underlying the Project site. Each geologic unit was subsequently assigned a paleontological resource sensitivity following City of San Diego guidelines (City of San Diego, 2011). In addition, a search of the paleontological collection records housed at the San Diego Natural History Museum (SDNHM) was conducted in order to determine if any documented fossil collection localities occur at the Project site or within the immediate surrounding area.

Geologic Units Underlying the Project Area

Published geological reports (e.g., Kennedy and Tan, 2008) covering the Project area indicate that the Project site is entirely underlain by early to middle Pleistocene-age very old paralic deposits (broadly equivalent to the Lindavista Formation). This geologic unit and its paleontological sensitivity are summarized below. The SDNHM has 29 recorded fossil localities within one mile of the Project site. Twenty-six of these localities are from the late Pliocene- to early Pleistocene-age San Diego Formation, which is not anticipated to be impacted by construction of the Project. The remaining three localities are from the Lindavista Formation, and are discussed in more detail below.

very old paralic deposits (Lindavista Formation) – The marine and/or non-marine terrace deposits of the early to middle Pleistocene-age (approximately 1.5 to 0.5 million years old) Lindavista Formation are exposed along the upper slopes of the Project site. More specifically, these deposits rest on the Tierra Santa terrace (approximately 930,000 years old) of Kern and Rockwell (1992), and are equivalent to unit 8, very old paralic deposits, of Kennedy and Tan (2008). The SDNHM has three recorded fossil collection localities from the Lindavista Formation within a 1-mile radius of the Project site, which yielded trace fossil burrows, leaf impressions of vascular plants, a ray tooth plate, a partial antler of an artiodactyl, and a whale cervical vertebra. Elsewhere in San Diego County, the Lindavista Formation has produced remains of nearshore marine invertebrates (e.g., clams, scallops, snails, barnacles, and sand dollars), as well as sparse remains of marine vertebrates (e.g., sharks and baleen

whales). Fossils have primarily been recovered from localities in Tierrasanta and Mira Mesa where the Lindavista Formation is assigned a high paleontological sensitivity; elsewhere in San Diego County, including in the vicinity of the Project site, the Lindavista Formation is assigned a moderate paleontological sensitivity.

Summary and Recommendations

The moderate paleontological sensitivity of the Lindavista Formation in San Diego County (Deméré and Walsh, 1993), as well as the presence of fossil collection localities in the vicinity of the Project site, suggests the potential for construction of the proposed Project to result in impacts to paleontological resources. Any proposed excavation activities that extend deep enough to encounter previously undisturbed deposits of this geologic unit have the potential to impact the paleontological resources preserved therein. For these reasons, implementation of a complete paleontological resource mitigation program during ground-disturbing activities is recommended.

The fossil collection locality information contained within this paleontological record search should be considered private and is the sole property of the San Diego Natural History Museum. Any use or reprocessing of information contained within this document beyond the scope of the Benjamin Franklin Elementary School Whole Site Modernization project is prohibited.

If you have any questions concerning these findings please feel free to contact me at 619-255-0321 or kmccomas@sdnhm.org.

Sincerely,

Katie McComas, M.S.
Paleontological Report Writer & GIS Specialist
San Diego Natural History Museum

Enc: Figure 1: Project map
Appendix: List of SDNHM fossil localities in the vicinity of the project

Literature Cited

City of San Diego. 2011. California Environmental Quality Act, Significance Determination Thresholds. Development Services Department, 84 p.

Deméré, T.A., and S.L. Walsh. 1993. Paleontological Resources, County of San Diego. Unpublished technical report prepared for the San Diego County Department of Public Works: 1–68.

Kennedy, M.P., and Tan, S.S. 2008. Geologic Map of the San Diego 30' x 60' Quadrangle, California. California Geological Survey, Regional Geologic Map Series 1:100,000 scale, map no. 3.

San Diego Natural History Museum (SDNHM), unpublished paleontological collections data.

PALEOSERVICES

FIGURE 1

Project Map
Benjamin Franklin Elementary School WSM
City of San Diego, San Diego County, California

Appendix: Locality List
San Diego Natural History Museum
Department of Paleontology

Locality Number	Locality Name	Location	Elevation (feet)	Geologic Unit	Era	Period	Epoch
4012	I-15/40th Street	City of San Diego, San Diego County, California	363	Lindavista Formation	Cenozoic	Quaternary	Pleistocene
4917	I15/40th Street	City of San Diego, San Diego County, California	349	Lindavista Formation	Cenozoic	Quaternary	Pleistocene
4918	I15/40th Street	City of San Diego, San Diego County, California	354	Lindavista Formation	Cenozoic	Quaternary	Pleistocene
160	Kensington Park	City of San Diego, San Diego County, California	300	San Diego Formation	Cenozoic	Neogene	Pliocene
671	Ward Road	City of San Diego, San Diego County, California		San Diego Formation	Cenozoic	Neogene	Pliocene
690	Havens' Cave, Talmadge	City of San Diego, San Diego County, California	290	San Diego Formation	Cenozoic	Neogene	Pliocene
3054	Kensington	City of San Diego, San Diego County, California		San Diego Formation	Cenozoic	Neogene	Pliocene
3113	Fairmount Avenue and Meade St.	City of San Diego, San Diego County, California		San Diego Formation	Cenozoic	Neogene	Pliocene
3192	40th Street	City of San Diego, San Diego County, California	290	San Diego Formation	Cenozoic	Neogene	Pliocene
4021	I-15/40th Street	City of San Diego, San Diego County, California	288	San Diego Formation	Cenozoic	Neogene	late Pliocene
4022	I-15/40th Street	City of San Diego, San Diego County, California	280	San Diego Formation	Cenozoic	Neogene	late Pliocene
4548	Kensington Park	City of San Diego, San Diego County, California		San Diego Formation	Cenozoic	Neogene	Pliocene
4971	Sewer Group 652 - Aldine Drive	City of San Diego, San Diego County, California	302	San Diego Formation	Cenozoic	Neogene	Pliocene
4972	Sewer Group 652 - Aldine Drive	City of San Diego, San Diego County, California	313	San Diego Formation	Cenozoic	Neogene	Pliocene
4973	Sewer Group 652 - Aldine Drive	City of San Diego, San Diego County, California	313	San Diego Formation	Cenozoic	Neogene	Pliocene
5220	Aldine Drive & Fairmount Avenue	City of San Diego, San Diego County, California	265	San Diego Formation	Cenozoic	Neogene	Pliocene
5225	Adams and I-15	City of San Diego, San Diego County, California	300	San Diego Formation	Cenozoic	Neogene	Pliocene
5226	Fairmount Avenue and Aldine Drive	City of San Diego, San Diego County, California	240	San Diego Formation	Cenozoic	Neogene	Pliocene
6185	La Maestra Family Health Clinic	City of San Diego, San Diego County, California	285	San Diego Formation	Cenozoic	Neogene	Pliocene
7396	Caltrans Construct Commuter Bike Facility	City of San Diego, San Diego County, California	295	San Diego Formation	Cenozoic	Neogene	late Pliocene
7397	Caltrans Construct Commuter Bike Facility	City of San Diego, San Diego County, California	299	San Diego Formation	Cenozoic	Neogene	late Pliocene
7399	Caltrans Construct Commuter Bike Facility	City of San Diego, San Diego County, California	300	San Diego Formation	Cenozoic	Neogene	late Pliocene
3192A	40th Street	City of San Diego, San Diego County, California	290	San Diego Formation	Cenozoic	Neogene	Pliocene
3192B	40th Street	City of San Diego, San Diego County, California	290	San Diego Formation	Cenozoic	Neogene	Pliocene
3192C	40th Street	City of San Diego, San Diego County, California	290	San Diego Formation	Cenozoic	Neogene	Pliocene
3192D	40th Street	City of San Diego, San Diego County, California	290	San Diego Formation	Cenozoic	Neogene	Pliocene
3192E	40th St. at I-15-North of Adams Ave. Bridge	City of San Diego, San Diego County, California	290	San Diego Formation	Cenozoic	Neogene	Pliocene
3192F	40th Street	City of San Diego, San Diego County, California	290	San Diego Formation	Cenozoic	Neogene	Pliocene
3192G	40th Street	City of San Diego, San Diego County, California	290	San Diego Formation	Cenozoic	Neogene	Pliocene

Appendix E
GHG Appendix

ESA

Greenhouse Gas Appendix

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    a. New Building Construction
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    c. Existing Operation
4 EMFAC2017 (See Air Quality Appendix)

1. Assumptions

Franklin School Project
Assumptions

CalEEMod Inputs (Non-Default information only)

Project Location		
County	San Diego	
Air District	SCAQMD	
Climate Zone	13	
Construction Year - Phase 1	2022	
Utility Provider	SDG&E	
Source Receptor Area (SCAQMD)	N/A	
EMFAC	2017	No operational mobile sources
		Mobile sources for Construction modeled outside of CalEEMod

	Base (2009)[1,2]	2017[3]	2019[4]	2020[4]	2022[4]	2030[4]
CO intensity	720	475.2	468.55	465.23	458.58	432
% renewable	10%	44.00%	44.92%	45.38%	46.31%	50.00%

% growth per year
0.46%

[1] Table 1.2, CalEEMod 2017 User Guide Appendix D

[2] CEC 2009 SDG&E Power Content Label

[3] CEC 2017 SCE Power Content Label

[4] CEC 2019 - Renewables Portfolio Standard (RPS); https://www.energy.ca.gov/portfolio/

Note that since SDG&E already exceeds the 33% RPS scenario in 2017 it is conservatively assumed there is an even growth in renewable between the 44% in 2017 and the 50% requirement by 2030.

Franklin School Project
Assumptions

Land Use	Building SQFT	Building KFS	students	Acres	
Existing (only includes those uses to be re-developed, or renovated)					
Existing Portable	3,840	3.84		0.43	demolished
Bldg 04-05 & 05-06	6,895	6.90		1.00	demolished
Bldg 02-03, 01-01, 02-02	24,433	24.43		0.63	Modernized
Bldg 06-07	2,379				Not modeled
		35.17			
Proposed Development					
School Building	13,400	13.40		0.31	
Hardscape (Asphalt)	59,597	59.60		1.12	
Added Portables (3,4 and 5)	3,840	3.84			demolished

Note: Total site acreage is 4.

New Hardscape

77,245	sqft - Total Asphalt Area
1,258	sqft LCS building
2,911	Library
13,479	New Classroom
59,597	New Asphalt

Franklin School Project
Assumptions

Construction

Construction Schedule Source: CalEEMod defaults

Task Name	Start	End	Days	
Phase 1	1/1/2021			
Add Portable Classrooms	1/1/2021	1/20/2021	14	
Site Modernization	1/1/2021	1/20/2021	14	
Demolition (Buildings 04-05/05-06)	1/21/2021	2/17/2021	20	
Phase 2				
Grading	2/18/2021	2/24/2021	5	
Site Modernization	1/21/2021	2/24/2021	25	
Building Construction	2/25/2021	12/1/2021	200	
Architectural Coating	11/25/2021	12/8/2021	10	
Paving	11/25/2021	12/8/2021	10	
Demolition (Portable 2)	12/9/2021	12/11/2021	2	
Phase 3				
Site Modernization	2/25/2021	12/8/2021	205	244
SM - Architectural Coating	6/1/2021	10/18/2021	100	251
Demolition (Portables 1, 3, 4)	12/12/2021	12/18/2021	5	

Notes:

1 Assumes Site Modernization will occur across all three phases.

2. Construction Timing

Allowable Hours: Source: Project Description

Mon-Fri 7 am to 7 pm

3. Soil Import/export Assumed all cut and fill is balanced onsite

4. Demolition Information Source:

1 Google Earth
2 Project Specific Small Scale Plot Plan
3 CalEEMod user guide Appendix A pg 13
4 City of San Diego Construction & Demolition Debris Conversion Rate Table, 5/21/08

square foot	
62,319.55	total demolition area[1]
7696.27	Buildings[2]
54,623.28	Area of Hard scape to be demolished

Franklin School Project
Assumptions

	Phase 1	Phase 2	Phase 3
sqft building demolished	6,895	1,920	5,760
tons per square foot[3]	0.046	0.046	0.046
tons of building debris	317	88	265
square feet of asphalt to be demolished[1,2]	54,623	0	0
depth in feet of existing asphalt	0.5	0.5	0.5
cubic yards to be demolished	1,012	0	0
tons per cubic yard[4]	0.7	0.7	0.7
tons of asphalt debris	708.075926	0	0
Total tons of debris	1025	88	265

5. Construction Vehicles Source: CalEEMod Defaults

Phase 1	Worker Trips (per day)	Vendor Trips (per day)	Haul Trips (total)
Add Portable Classrooms	16	0	10
Demolition (Buildings 04-05/05-06)	13	0	205
Site Modernization	20	4	0
Phase 2			
Grading	8	0	0
Site Modernization	20	4	0
Building Construction	26	10	0
Architectural Coating	5	0	0
Paving	13	0	0
Demolition (Portable 2)	8	0	6
Phase 3			
Site Modernization	20	4	0
SM - Arch Coating	4	0	0
Demolition (Portables 1, 3, 4)	8	0	15
Trip Length (miles/trip)	10.8	7.3	20

Franklin School Project
Assumptions

Note: Construction vehicle emissions calculated outside of CalEEMod

6. Construction Equipment by Construction Phase Source: CalEEMod Defaults

New Building

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
P1 - Add Portable Classrooms	Graders	0	8.00	187	0.41
P1 - Add Portable Classrooms	Rubber Tired Dozers	0	7.00	247	0.40
P1 - Add Portable Classrooms	Tractors/Loaders/ Backhoes	0	8.00	97	0.37
P1 - Demolition (Buildings 04-05/05-06)	Concrete/Industrial Saws	1	8.00	81	0.73
P1 - Demolition (Buildings 04-05/05-06)	Rubber Tired Dozers	1	8.00	247	0.40
P1 - Demolition (Buildings 04-05/05-06)	Tractors/Loaders/ Backhoes	3	8.00	97	0.37
P2 - Grading	Graders	1	6.00	187	0.41
P2 - Grading	Rubber Tired Dozers	1	6.00	247	0.40
P2 - Grading	Tractors/Loaders/ Backhoes	1	7.00	97	0.37
P2 - Building Construction	Cranes	1	6.00	231	0.29
P2 - Building Construction	Forklifts	1	6.00	89	0.20
P2 - Building Construction	Generator Sets	1	8.00	84	0.74
P2 - Building Construction	Tractors/Loaders/ Backhoes	1	6.00	97	0.37
P2 - Building Construction	Welders	3	8.00	46	0.45
P2 - Paving	Cement and Mortar Mixers	1	6.00	9	0.56
P2 - Paving	Pavers	1	6.00	130	0.42
P2 - Paving	Paving Equipment	1	8.00	132	0.36
P2 - Paving	Rollers	1	7.00	80	0.38
P2 - Paving	Tractors/Loaders/ Backhoes	1	8.00	97	0.37
P2 - Architectural Coating	Air Compressors	1	6.00	78	0.48
P2 - Demolition (Portable 2)	Concrete/Industrial Saws	1	8.00	81	0.73
P2 - Demolition (Portable 2)	Rubber Tired Dozers	1	8.00	247	0.40
P2 - Demolition (Portable 2)	Tractors/Loaders/ Backhoes	1	8.00	97	0.37
P3 - Demolition (Portables 1, 3, and 4)	Concrete/Industrial Saws	1	8.00	81	0.73
P3 - Demolition (Portables 1, 3, and 4)	Rubber Tired Dozers	1	8.00	247	0.40
P3 - Demolition (Portables 1, 3, and 4)	Tractors/Loaders/ Backhoes	1	8.00	97	0.37

Franklin School Project
Assumptions

Modernization

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Building Construction	Aerial Lifts	1	4	63	0.31
Building Construction	Air Compressors	2	6	78	0.48
Building Construction	Cranes	0	4	231	0.29
Building Construction	Forklifts	0	6	89	0.2
Building Construction	Tractors/Loaders/ Backhoes	0	8	97	0.37
Architectural Coating	Air Compressors	1	6	78	0.48

Franklin School Project
Operational Assumptions

Mobile source emissions

- No New Studetns or Faculty, no new mobile source emissions.

Area source emissions

-Defaults Used

Water and Wastewater

Existing (removed):	1,407	gallons per day
	513,453	gallons per year
New Development:	536	gallons per day
	195,640	gallons per year
Remodel:	977	gallons per day
	356,722	gallons per year

*conservately assumes all water is indoor use

Information in the Utilities Section is based on City of San Diego PUD Sewer Design Guide, schools generate approximately 0.04 gallons per day (gpd) of wastewater per square foot (District 2018).

% septic	% Aerobic	% Lagoon		*No septic onsite
10.33	87.46	2.21	Default	
0	97.54	2.46	Revised	

Solid Waste

Source Utilities Section

Existing (removed):	52.75	Tons per year
New Development:	20.10	Tons per year
Remodel:	36.65	Tons per year

Information in Utilities Seciton is base on City of San Diego's Guidelines for a Waste Management Plan, the average waste generation rate for solid waste generated during ongoing use of a site is approximately 3 pounds per square foot.

Franklin School Project
Operational Assumptions

Stationary Sources

None

Energy Use

Existing:

Electricity: Historic defaults Used.
Natural Gas: Historic defaults Used.

New Building:

Electricity: Defaults Used and adjusted for Title 24 changes.
Natural Gas: Defaults Used and adjusted for Title 24 changes.

Modernization:

Electricity: Historic defaults Used, mitigated to add 5% energy efficiency for modernization efforts.
Natural Gas: Historic defaults Used, mitigated to add 5% energy efficiency for modernization efforts.

CalEEMod currently uses Title 24 efficiency standards. The project will be built post 2019 therefore as a conservative estimate of T24 efficiencies required, the emission factors are updated to account for the inclusion of 2019 Title 24 standards.

% Change between 2016 T24 (CalEEMod Default), 2013 T24 and 2019 Title 24

	T24 Electricity	**Lighting**	**T24 NG**
Non-Residential 2019	30%	0%	30%

Default	**T24 Electricity**	**Lighting**	**T24 NG**
Elementary School	1.52	2.54	5.44

Revised	New Building		
	T24E	**Lighting**	**T24 NG**
	1.064	2.54	3.808

Franklin School Project
Operational Assumptions

CalEEMod Run Titles

Operational		Date
Existing:	Franklin School -Existing Conditions	8/21/2019
Project:	Franklin School - New Classroom Building	8/21/2019
	Franklin School - Site Modernization	8/21/2019

Phase 1
Add Portable Classrooms
Demolition (Buildings 04-05/05-06)
Site Modernization
Phase 2
Grading
Site Modernization
Building Construction
Architectural Coating
Paving
Demolition (Portable 2)
Phase 3
Site Modernization
SM - Arch Coating
Demolition of Portables 1, 3, and 4

2. Emissions Summary

Franklin School Project

Unmitigated GHG Summary

CalEEMod 2016.3.2

Title: GHG Construction Emissions Summary

Unmitigated Construction Emissions - Max Annual

	MT/yr CO_2e				MT CO_2e
	Onsite	**Hauling**	**Vendor**	**Worker**	**Total**
Phase 1					
Add Portable Classrooms	0.00	1.39	0.00	0.74	2
Site Modernization	4.10	0.00	0.60	0.93	6
Demolition (Buildings 04-05/05-06)	21.21	20.53	0.00	0.86	43
Phase 1 Total					***50***
Phase 2					
Grading	3.12	0.00	0.00	0.13	3
Site Modernization	7.32	0.00	1.08	1.65	10
Building Construction	182.36	0.00	21.53	17.20	221
Paving	5.93	0.00	0.00	0.43	6
Architectural Coating	1.28	0.00	0.00	0.17	1
Demolition (Portable 2)	1.57	0.20	0.00	0.05	2
Phase 2 Total					***244***
Phase 3					
Site Modernization	60.05	0.00	8.83	13.56	82
SM - Architectural Coating	12.79	0.00	0.00	1.32	14
Demolition (Portables 1, 3, and 4)	3.93	0.50	0.00	0.13	5
Phase 3 Total					***101***
Construction Total					*395*
Amortized Construction					*13*

Franklin School Project

Unmitigated GHG Summary

Unmitigated Operational Emissions - Max Annual

CalEEMod 2016.3.2

Title:	Franklin School -Existing Conditions	Date:	8/21/2019
	Franklin School - New Classroom Building	Date:	8/21/2019
	Franklin School - Site Modernization	Date:	8/21/2019

Existing			
Area	0.00		
Energy	60.71		
Mobile	0.00		
Waste	26.53		
Water	1.86		
Total Existing:	89.10		
New Building			
Area	0.00	0.00	
Energy	16.48	57.58	
Mobile	0.00	0.00	
Waste	10.11	28.54	
Water	0.70	1.97	
Sub Total - New Building	27.29	88.09	88.09
Building Renovations			
Area	0.00		
Energy	41.10		
Mobile	0.00		
Waste	18.43		
Water	1.27		
Sub Total - Renovation	60.80		
Total Project:	88.09		
Net Project:	-1.01		
Amortized Construction	13.18		
Total Net Project	12.17		
Threshold	900		
Exceed Threshold?	No		

3. CalEEMod Output

3. CalEEMod Output
a. New Building Construction

Franklin School - New Construction - San Diego County, Annual

Franklin School - New Construction

San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	13.40	1000sqft	0.31	13,400.00	0
Other Asphalt Surfaces	1.12	Acre	1.12	48,787.20	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2022
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	458.58	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See assumptions

Land Use -

Construction Phase - See assumptions

Off-road Equipment - See assumptions

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - See assumptions

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - See assumptions

Trips and VMT - See assumptions

Demolition -

Vehicle Trips - See assumptions

Energy Use - See assumptions

Water And Wastewater - See assumptions

Solid Waste - See assumptions

Construction Off-road Equipment Mitigation - See assumptions

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstructionPhase	NumDays	20.00	2.00
tblConstructionPhase	NumDays	20.00	5.00
tblConstructionPhase	NumDays	4.00	5.00
tblConstructionPhase	NumDays	2.00	14.00
tblEnergyUse	T24E	1.52	1.06
tblEnergyUse	T24NG	5.44	3.81
tblGrading	AcresOfGrading	1.88	1.50
tblGrading	AcresOfGrading	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	458.58

tblSolidWaste	SolidWasteGenerationRate	17.42	20.10
tblTripsAndVMT	HaulingTripNumber	101.00	0.00
tblTripsAndVMT	HaulingTripNumber	9.00	0.00
tblTripsAndVMT	HaulingTripNumber	25.00	0.00
tblTripsAndVMT	VendorTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	26.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblVehicleTrips	WD_TR	15.43	0.00
tblWater	AerobicPercent	87.46	97.54
tblWater	AerobicPercent	87.46	97.54
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	2.46
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	2.46
tblWater	IndoorWaterUseRate	388,558.69	195,640.00
tblWater	OutdoorWaterUseRate	999,150.92	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.3887	1.6984	1.5390	2.6300e-003	0.0275	0.0859	0.1133	8.6000e-003	0.0823	0.0909	0.0000	218.3382	218.3382	0.0420	0.0000	219.3887
Maximum	**0.3887**	**1.6984**	**1.5390**	**2.6300e-003**	**0.0275**	**0.0859**	**0.1133**	**8.6000e-003**	**0.0823**	**0.0909**	**0.0000**	**218.3382**	**218.3382**	**0.0420**	**0.0000**	**219.3887**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.2359	0.9631	1.5839	2.6300e-003	0.0117	0.0101	0.0218	3.6700e-003	0.0101	0.0138	0.0000	218.3379	218.3379	0.0420	0.0000	219.3884
Maximum	**0.2359**	**0.9631**	**1.5839**	**2.6300e-003**	**0.0117**	**0.0101**	**0.0218**	**3.6700e-003**	**0.0101**	**0.0138**	**0.0000**	**218.3379**	**218.3379**	**0.0420**	**0.0000**	**219.3884**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**39.31**	**43.29**	**-2.92**	**0.00**	**57.27**	**88.25**	**80.74**	**57.33**	**87.74**	**84.87**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**1-1-2021**	**3-31-2021**	0.4491	0.2455
2	**4-1-2021**	**6-30-2021**	0.5021	0.2618
3	**7-1-2021**	**9-30-2021**	0.5076	0.2646
		Highest	0.5076	0.2646

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0727	0.0000	1.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.6000e-004	2.6000e-004	0.0000	0.0000	2.8000e-004
Energy	3.1000e-004	2.8200e-003	2.3700e-003	2.0000e-005		2.1000e-004	2.1000e-004		2.1000e-004	2.1000e-004	0.0000	16.3910	16.3910	9.0000e-004	2.3000e-004	16.4823
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	4.0801	0.0000	4.0801	0.2411	0.0000	10.1083
Water						0.0000	0.0000		0.0000	0.0000	0.0692	0.5299	0.5991	2.0200e-003	1.6000e-004	0.6965
Total	**0.0730**	**2.8200e-003**	**2.5000e-003**	**2.0000e-005**	**0.0000**	**2.1000e-004**	**2.1000e-004**	**0.0000**	**2.1000e-004**	**2.1000e-004**	**4.1493**	**16.9212**	**21.0705**	**0.2441**	**3.9000e-004**	**27.2874**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0727	0.0000	1.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.6000e-004	2.6000e-004	0.0000	0.0000	2.8000e-004
Energy	3.1000e-004	2.8200e-003	2.3700e-003	2.0000e-005		2.1000e-004	2.1000e-004		2.1000e-004	2.1000e-004	0.0000	16.3910	16.3910	9.0000e-004	2.3000e-004	16.4823
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	4.0801	0.0000	4.0801	0.2411	0.0000	10.1083
Water						0.0000	0.0000		0.0000	0.0000	0.0554	0.4239	0.4793	1.6200e-003	1.3000e-004	0.5572
Total	**0.0730**	**2.8200e-003**	**2.5000e-003**	**2.0000e-005**	**0.0000**	**2.1000e-004**	**2.1000e-004**	**0.0000**	**2.1000e-004**	**2.1000e-004**	**4.1355**	**16.8152**	**20.9507**	**0.2437**	**3.6000e-004**	**27.1481**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.33**	**0.63**	**0.57**	**0.16**	**7.69**	**0.51**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	P1 - Add Portable Classrooms	Site Preparation	1/1/2021	1/20/2021	5	14	
2	P1 - Demolition (Buildings 04-05/05-06)	Demolition	1/21/2021	2/17/2021	5	20	
3	P2 - Grading	Grading	2/18/2021	2/24/2021	5	5	
4	P2 - Building Construction	Building Construction	2/25/2021	12/1/2021	5	200	
5	P2 - Paving	Paving	11/25/2021	12/8/2021	5	10	
6	P2 - Architectural Coating	Architectural Coating	11/25/2021	12/8/2021	5	10	
7	P2 - Demolition (Portable 2)	Demolition	12/9/2021	12/11/2021	5	2	
8	P3 - Demolition (Portables 1, 3, and 4)	Demolition	12/13/2021	12/17/2021	5	5	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 1.12

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 20,100; Non-Residential Outdoor: 6,700; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
P1 - Add Portable Classrooms	Graders	0	8.00	187	0.41
P1 - Add Portable Classrooms	Rubber Tired Dozers	0	7.00	247	0.40
P1 - Add Portable Classrooms	Tractors/Loaders/Backhoes	0	8.00	97	0.37
P1 - Demolition (Buildings 04-05/05-06)	Concrete/Industrial Saws	1	8.00	81	0.73
P1 - Demolition (Buildings 04-05/05-06)	Rubber Tired Dozers	1	8.00	247	0.40
P1 - Demolition (Buildings 04-05/05-06)	Tractors/Loaders/Backhoes	3	8.00	97	0.37
P2 - Grading	Graders	1	6.00	187	0.41
P2 - Grading	Rubber Tired Dozers	1	6.00	247	0.40
P2 - Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
P2 - Building Construction	Cranes	1	6.00	231	0.29
P2 - Building Construction	Forklifts	1	6.00	89	0.20
P2 - Building Construction	Generator Sets	1	8.00	84	0.74
P2 - Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
P2 - Building Construction	Welders	3	8.00	46	0.45
P2 - Paving	Cement and Mortar Mixers	1	6.00	9	0.56
P2 - Paving	Pavers	1	6.00	130	0.42
P2 - Paving	Paving Equipment	1	8.00	132	0.36
P2 - Paving	Rollers	1	7.00	80	0.38
P2 - Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P2 - Architectural Coating	Air Compressors	1	6.00	78	0.48
P2 - Demolition (Portable 2)	Concrete/Industrial Saws	1	8.00	81	0.73
P2 - Demolition (Portable 2)	Rubber Tired Dozers	1	8.00	247	0.40
P2 - Demolition (Portable 2)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P3 - Demolition (Portables 1, 3, and 4)	Concrete/Industrial Saws	1	8.00	81	0.73
P3 - Demolition (Portables 1, 3, and 4)	Rubber Tired Dozers	1	8.00	247	0.40
P3 - Demolition (Portables 1, 3, and 4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 P1 - Add Portable Classrooms - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.3000e-004	0.0000	5.3000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**5.3000e-004**	**0.0000**	**5.3000e-004**	**6.0000e-005**	**0.0000**	**6.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.3000e-004	0.0000	2.3000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**2.3000e-004**	**0.0000**	**2.3000e-004**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.3 P1 - Demolition (Buildings 04-05/05-06) - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0111	0.0000	0.0111	1.6800e-003	0.0000	1.6800e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0199	0.1970	0.1449	2.4000e-004		0.0104	0.0104		9.7100e-003	9.7100e-003	0.0000	21.0713	21.0713	5.3900e-003	0.0000	21.2060
Total	**0.0199**	**0.1970**	**0.1449**	**2.4000e-004**	**0.0111**	**0.0104**	**0.0215**	**1.6800e-003**	**9.7100e-003**	**0.0114**	**0.0000**	**21.0713**	**21.0713**	**5.3900e-003**	**0.0000**	**21.2060**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.7500e-003	0.0000	4.7500e-003	7.2000e-004	0.0000	7.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.6200e-003	0.1210	0.1542	2.4000e-004		1.0800e-003	1.0800e-003		1.0800e-003	1.0800e-003	0.0000	21.0713	21.0713	5.3900e-003	0.0000	21.2060
Total	**5.6200e-003**	**0.1210**	**0.1542**	**2.4000e-004**	**4.7500e-003**	**1.0800e-003**	**5.8300e-003**	**7.2000e-004**	**1.0800e-003**	**1.8000e-003**	**0.0000**	**21.0713**	**21.0713**	**5.3900e-003**	**0.0000**	**21.2060**

3.4 P2 - Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0121	0.0000	0.0121	6.2900e-003	0.0000	6.2900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2200e-003	0.0358	0.0158	4.0000e-005		1.5900e-003	1.5900e-003		1.4700e-003	1.4700e-003	0.0000	3.0959	3.0959	1.0000e-003	0.0000	3.1210
Total	**3.2200e-003**	**0.0358**	**0.0158**	**4.0000e-005**	**0.0121**	**1.5900e-003**	**0.0137**	**6.2900e-003**	**1.4700e-003**	**7.7600e-003**	**0.0000**	**3.0959**	**3.0959**	**1.0000e-003**	**0.0000**	**3.1210**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.1700e-003	0.0000	5.1700e-003	2.6900e-003	0.0000	2.6900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.6000e-004	0.0173	0.0202	4.0000e-005		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	3.0959	3.0959	1.0000e-003	0.0000	3.1209
Total	**8.6000e-004**	**0.0173**	**0.0202**	**4.0000e-005**	**5.1700e-003**	**1.2000e-004**	**5.2900e-003**	**2.6900e-003**	**1.2000e-004**	**2.8100e-003**	**0.0000**	**3.0959**	**3.0959**	**1.0000e-003**	**0.0000**	**3.1209**

3.5 P2 - Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1813	1.3636	1.2899	2.2000e-003		0.0684	0.0684		0.0661	0.0661	0.0000	181.5476	181.5476	0.0324	0.0000	182.3579
Total	**0.1813**	**1.3636**	**1.2899**	**2.2000e-003**		**0.0684**	**0.0684**		**0.0661**	**0.0661**	**0.0000**	**181.5476**	**181.5476**	**0.0324**	**0.0000**	**182.3579**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0522	0.7532	1.3124	2.2000e-003		8.2300e-003	8.2300e-003		8.2300e-003	8.2300e-003	0.0000	181.5474	181.5474	0.0324	0.0000	182.3577
Total	**0.0522**	**0.7532**	**1.3124**	**2.2000e-003**		**8.2300e-003**	**8.2300e-003**		**8.2300e-003**	**8.2300e-003**	**0.0000**	**181.5474**	**181.5474**	**0.0324**	**0.0000**	**182.3577**

3.6 P2 - Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.8700e-003	0.0387	0.0443	7.0000e-005		2.0800e-003	2.0800e-003		1.9100e-003	1.9100e-003	0.0000	5.8825	5.8825	1.8600e-003	0.0000	5.9291
Paving	1.4700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.3400e-003**	**0.0387**	**0.0443**	**7.0000e-005**		**2.0800e-003**	**2.0800e-003**		**1.9100e-003**	**1.9100e-003**	**0.0000**	**5.8825**	**5.8825**	**1.8600e-003**	**0.0000**	**5.9291**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.8200e-003	0.0346	0.0504	7.0000e-005		3.4000e-004	3.4000e-004		3.4000e-004	3.4000e-004	0.0000	5.8825	5.8825	1.8600e-003	0.0000	5.9291
Paving	1.4700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.2900e-003**	**0.0346**	**0.0504**	**7.0000e-005**		**3.4000e-004**	**3.4000e-004**		**3.4000e-004**	**3.4000e-004**	**0.0000**	**5.8825**	**5.8825**	**1.8600e-003**	**0.0000**	**5.9291**

3.7 P2 - Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1722					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.0900e-003	7.6300e-003	9.0900e-003	1.0000e-005		4.7000e-004	4.7000e-004		4.7000e-004	4.7000e-004	0.0000	1.2766	1.2766	9.0000e-005	0.0000	1.2788
Total	**0.1733**	**7.6300e-003**	**9.0900e-003**	**1.0000e-005**		**4.7000e-004**	**4.7000e-004**		**4.7000e-004**	**4.7000e-004**	**0.0000**	**1.2766**	**1.2766**	**9.0000e-005**	**0.0000**	**1.2788**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1722					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.0000e-004	6.7800e-003	9.1600e-003	1.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	1.2766	1.2766	9.0000e-005	0.0000	1.2788
Total	**0.1725**	**6.7800e-003**	**9.1600e-003**	**1.0000e-005**		**7.0000e-005**	**7.0000e-005**		**7.0000e-005**	**7.0000e-005**	**0.0000**	**1.2766**	**1.2766**	**9.0000e-005**	**0.0000**	**1.2788**

3.8 P2 - Demolition (Portable 2) - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					9.5000e-004	0.0000	9.5000e-004	1.4000e-004	0.0000	1.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.6200e-003	0.0159	9.9700e-003	2.0000e-005		8.2000e-004	8.2000e-004		7.7000e-004	7.7000e-004	0.0000	1.5612	1.5612	3.6000e-004	0.0000	1.5703
Total	**1.6200e-003**	**0.0159**	**9.9700e-003**	**2.0000e-005**	**9.5000e-004**	**8.2000e-004**	**1.7700e-003**	**1.4000e-004**	**7.7000e-004**	**9.1000e-004**	**0.0000**	**1.5612**	**1.5612**	**3.6000e-004**	**0.0000**	**1.5703**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.1000e-004	0.0000	4.1000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.1000e-004	8.6300e-003	0.0107	2.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	1.5612	1.5612	3.6000e-004	0.0000	1.5702
Total	**4.1000e-004**	**8.6300e-003**	**0.0107**	**2.0000e-005**	**4.1000e-004**	**7.0000e-005**	**4.8000e-004**	**6.0000e-005**	**7.0000e-005**	**1.3000e-004**	**0.0000**	**1.5612**	**1.5612**	**3.6000e-004**	**0.0000**	**1.5702**

3.9 P3 - Demolition (Portables 1, 3, and 4) - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.7700e-003	0.0000	2.7700e-003	4.2000e-004	0.0000	4.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.0500e-003	0.0398	0.0249	4.0000e-005		2.0400e-003	2.0400e-003		1.9100e-003	1.9100e-003	0.0000	3.9030	3.9030	9.1000e-004	0.0000	3.9256
Total	**4.0500e-003**	**0.0398**	**0.0249**	**4.0000e-005**	**2.7700e-003**	**2.0400e-003**	**4.8100e-003**	**4.2000e-004**	**1.9100e-003**	**2.3300e-003**	**0.0000**	**3.9030**	**3.9030**	**9.1000e-004**	**0.0000**	**3.9256**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.1900e-003	0.0000	1.1900e-003	1.8000e-004	0.0000	1.8000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.0300e-003	0.0216	0.0268	4.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	3.9030	3.9030	9.1000e-004	0.0000	3.9256
Total	**1.0300e-003**	**0.0216**	**0.0268**	**4.0000e-005**	**1.1900e-003**	**1.8000e-004**	**1.3700e-003**	**1.8000e-004**	**1.8000e-004**	**3.6000e-004**	**0.0000**	**3.9030**	**3.9030**	**9.1000e-004**	**0.0000**	**3.9256**

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	13.3234	13.3234	8.4000e-004	1.7000e-004	13.3964
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	13.3234	13.3234	8.4000e-004	1.7000e-004	13.3964
NaturalGas Mitigated	3.1000e-004	2.8200e-003	2.3700e-003	2.0000e-005		2.1000e-004	2.1000e-004		2.1000e-004	2.1000e-004	0.0000	3.0677	3.0677	6.0000e-005	6.0000e-005	3.0859
NaturalGas Unmitigated	3.1000e-004	2.8200e-003	2.3700e-003	2.0000e-005		2.1000e-004	2.1000e-004		2.1000e-004	2.1000e-004	0.0000	3.0677	3.0677	6.0000e-005	6.0000e-005	3.0859

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Elementary School	57486	3.1000e-004	2.8200e-003	2.3700e-003	2.0000e-005		2.1000e-004	2.1000e-004		2.1000e-004	2.1000e-004	0.0000	3.0677	3.0677	6.0000e-005	6.0000e-005	3.0859
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**3.1000e-004**	**2.8200e-003**	**2.3700e-003**	**2.0000e-005**		**2.1000e-004**	**2.1000e-004**		**2.1000e-004**	**2.1000e-004**	**0.0000**	**3.0677**	**3.0677**	**6.0000e-005**	**6.0000e-005**	**3.0859**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Elementary School	57486	3.1000e-004	2.8200e-003	2.3700e-003	2.0000e-005		2.1000e-004	2.1000e-004		2.1000e-004	2.1000e-004	0.0000	3.0677	3.0677	6.0000e-005	6.0000e-005	3.0859
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**3.1000e-004**	**2.8200e-003**	**2.3700e-003**	**2.0000e-005**		**2.1000e-004**	**2.1000e-004**		**2.1000e-004**	**2.1000e-004**	**0.0000**	**3.0677**	**3.0677**	**6.0000e-005**	**6.0000e-005**	**3.0859**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Elementary School	64052	13.3234	8.4000e-004	1.7000e-004	13.3964
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**13.3234**	**8.4000e-004**	**1.7000e-004**	**13.3964**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Elementary School	64052	13.3234	8.4000e-004	1.7000e-004	13.3964
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**13.3234**	**8.4000e-004**	**1.7000e-004**	**13.3964**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0727	0.0000	1.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.6000e-004	2.6000e-004	0.0000	0.0000	2.8000e-004
Unmitigated	0.0727	0.0000	1.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.6000e-004	2.6000e-004	0.0000	0.0000	2.8000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0172					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0555					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	1.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.6000e-004	2.6000e-004	0.0000	0.0000	2.8000e-004
Total	**0.0727**	**0.0000**	**1.3000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**2.6000e-004**	**2.6000e-004**	**0.0000**	**0.0000**	**2.8000e-004**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0172					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0555					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	1.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.6000e-004	2.6000e-004	0.0000	0.0000	2.8000e-004
Total	**0.0727**	**0.0000**	**1.3000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**2.6000e-004**	**2.6000e-004**	**0.0000**	**0.0000**	**2.8000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.4793	1.6200e-003	1.3000e-004	0.5572
Unmitigated	0.5991	2.0200e-003	1.6000e-004	0.6965

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Elementary School	0.19564 / 0	0.5991	2.0200e-003	1.6000e-004	0.6965
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.5991**	**2.0200e-003**	**1.6000e-004**	**0.6965**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Elementary School	0.156512 / 0	0.4793	1.6200e-003	1.3000e-004	0.5572
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.4793**	**1.6200e-003**	**1.3000e-004**	**0.5572**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	4.0801	0.2411	0.0000	10.1083
Unmitigated	4.0801	0.2411	0.0000	10.1083

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Elementary School	20.1	4.0801	0.2411	0.0000	10.1083
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**4.0801**	**0.2411**	**0.0000**	**10.1083**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Elementary School	20.1	4.0801	0.2411	0.0000	10.1083
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**4.0801**	**0.2411**	**0.0000**	**10.1083**

3. CalEEMod Output
b. Modernization Construction

Franklin School - Modernization - San Diego County, Annual

Franklin School - Modernization

San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	24.43	1000sqft	0.63	24,433.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2022
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	458.58	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Assumptions

Land Use - See Assumptions

Construction Phase - See Assumptions

Off-road Equipment -

Off-road Equipment - See Assumptions

Trips and VMT - Modeled outside of CalEEMod

Demolition -

Grading -

Vehicle Trips - no new mobile source trips

Energy Use - See Assumptions

Water And Wastewater - See Assumptions

Solid Waste - See Assumptions

Construction Off-road Equipment Mitigation - See Assumptions

Energy Mitigation - See Assumptions

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstructionPhase	NumDays	5.00	100.00
tblConstructionPhase	NumDays	100.00	244.00
tblLandUse	LandUseSquareFeet	24,430.00	24,433.00
tblLandUse	LotAcreage	0.56	0.63
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	458.58
tblSolidWaste	SolidWasteGenerationRate	31.76	36.65
tblTripsAndVMT	VendorTripNumber	4.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	2.00	0.00
tblVehicleTrips	WD_TR	15.43	0.00
tblWater	AerobicPercent	87.46	97.54
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	2.46
tblWater	IndoorWaterUseRate	708,394.69	356,722.00
tblWater	OutdoorWaterUseRate	1,821,586.34	0.00
tblWater	SepticTankPercent	10.33	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.3498	0.4855	0.6011	9.8000e-004	0.0000	0.0284	0.0284	0.0000	0.0283	0.0283	0.0000	84.0648	84.0648	8.0600e-003	0.0000	84.2663
Maximum	**0.3498**	**0.4855**	**0.6011**	**9.8000e-004**	**0.0000**	**0.0284**	**0.0284**	**0.0000**	**0.0283**	**0.0283**	**0.0000**	**84.0648**	**84.0648**	**8.0600e-003**	**0.0000**	**84.2663**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.3031	0.4565	0.6165	9.8000e-004	0.0000	4.8000e-003	4.8000e-003	0.0000	4.8000e-003	4.8000e-003	0.0000	84.0647	84.0647	8.0600e-003	0.0000	84.2662
Maximum	**0.3031**	**0.4565**	**0.6165**	**9.8000e-004**	**0.0000**	**4.8000e-003**	**4.8000e-003**	**0.0000**	**4.8000e-003**	**4.8000e-003**	**0.0000**	**84.0647**	**84.0647**	**8.0600e-003**	**0.0000**	**84.2662**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**13.34**	**5.97**	**-2.56**	**0.00**	**0.00**	**83.07**	**83.07**	**0.00**	**83.04**	**83.04**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2021	3-31-2021	0.1225	0.1069
2	4-1-2021	6-30-2021	0.2032	0.1839
3	7-1-2021	9-30-2021	0.3686	0.3419
		Highest	0.3686	0.3419

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1238	0.0000	2.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.4000e-004	4.4000e-004	0.0000	0.0000	4.7000e-004
Energy	9.1000e-004	8.2400e-003	6.9200e-003	5.0000e-005		6.3000e-004	6.3000e-004		6.3000e-004	6.3000e-004	0.0000	41.2428	41.2428	2.2100e-003	5.9000e-004	41.4730
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	7.4396	0.0000	7.4396	0.4397	0.0000	18.4313
Water						0.0000	0.0000		0.0000	0.0000	0.1262	0.9662	1.0924	3.6800e-003	2.9000e-004	1.2701
Total	**0.1247**	**8.2400e-003**	**7.1400e-003**	**5.0000e-005**	**0.0000**	**6.3000e-004**	**6.3000e-004**	**0.0000**	**6.3000e-004**	**6.3000e-004**	**7.5658**	**42.2094**	**49.7753**	**0.4456**	**8.8000e-004**	**61.1748**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1238	0.0000	2.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.4000e-004	4.4000e-004	0.0000	0.0000	4.7000e-004
Energy	8.9000e-004	8.0900e-003	6.7900e-003	5.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	40.8696	40.8696	2.2000e-003	5.8000e-004	41.0976
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	7.4396	0.0000	7.4396	0.4397	0.0000	18.4313
Water						0.0000	0.0000		0.0000	0.0000	0.1262	0.9662	1.0924	3.6800e-003	2.9000e-004	1.2701
Total	**0.1247**	**8.0900e-003**	**7.0100e-003**	**5.0000e-005**	**0.0000**	**6.1000e-004**	**6.1000e-004**	**0.0000**	**6.1000e-004**	**6.1000e-004**	**7.5658**	**41.8362**	**49.4020**	**0.4456**	**8.7000e-004**	**60.7995**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.02**	**1.82**	**1.82**	**0.00**	**0.00**	**3.17**	**3.17**	**0.00**	**3.17**	**3.17**	**0.00**	**0.88**	**0.75**	**0.00**	**1.14**	**0.61**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Construction	Building Construction	1/1/2021	12/8/2021	5	244	
2	Architectural Coating	Architectural Coating	6/1/2021	10/18/2021	5	100	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 36,650; Non-Residential Outdoor: 12,217; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Building Construction	Aerial Lifts	1	4.00	63	0.31
Building Construction	Air Compressors	2	6.00	78	0.48
Building Construction	Cranes	0	4.00	231	0.29
Building Construction	Forklifts	0	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Building Construction	3	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

3.2 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0557	0.4092	0.5102	8.3000e-004		0.0237	0.0237		0.0236	0.0236	0.0000	71.2985	71.2985	7.1900e-003	0.0000	71.4781
Total	**0.0557**	**0.4092**	**0.5102**	**8.3000e-004**		**0.0237**	**0.0237**		**0.0236**	**0.0236**	**0.0000**	**71.2985**	**71.2985**	**7.1900e-003**	**0.0000**	**71.4781**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0170	0.3887	0.5249	8.3000e-004		4.0900e-003	4.0900e-003		4.0900e-003	4.0900e-003	0.0000	71.2984	71.2984	7.1900e-003	0.0000	71.4781
Total	**0.0170**	**0.3887**	**0.5249**	**8.3000e-004**		**4.0900e-003**	**4.0900e-003**		**4.0900e-003**	**4.0900e-003**	**0.0000**	**71.2984**	**71.2984**	**7.1900e-003**	**0.0000**	**71.4781**

3.3 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2831					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0109	0.0763	0.0909	1.5000e-004		4.7000e-003	4.7000e-003		4.7000e-003	4.7000e-003	0.0000	12.7663	12.7663	8.8000e-004	0.0000	12.7882
Total	**0.2941**	**0.0763**	**0.0909**	**1.5000e-004**		**4.7000e-003**	**4.7000e-003**		**4.7000e-003**	**4.7000e-003**	**0.0000**	**12.7663**	**12.7663**	**8.8000e-004**	**0.0000**	**12.7882**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2831					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.9700e-003	0.0679	0.0916	1.5000e-004		7.1000e-004	7.1000e-004		7.1000e-004	7.1000e-004	0.0000	12.7663	12.7663	8.8000e-004	0.0000	12.7882
Total	**0.2861**	**0.0679**	**0.0916**	**1.5000e-004**		**7.1000e-004**	**7.1000e-004**		**7.1000e-004**	**7.1000e-004**	**0.0000**	**12.7663**	**12.7663**	**8.8000e-004**	**0.0000**	**12.7882**

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	32.0661	32.0661	2.0300e-003	4.2000e-004	32.2418
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	32.2724	32.2724	2.0400e-003	4.2000e-004	32.4493
NaturalGas Mitigated	8.9000e-004	8.0900e-003	6.7900e-003	5.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	8.8035	8.8035	1.7000e-004	1.6000e-004	8.8558
NaturalGas Unmitigated	9.1000e-004	8.2400e-003	6.9200e-003	5.0000e-005		6.3000e-004	6.3000e-004		6.3000e-004	6.3000e-004	0.0000	8.9704	8.9704	1.7000e-004	1.6000e-004	9.0237

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Elementary School	168099	9.1000e-004	8.2400e-003	6.9200e-003	5.0000e-005		6.3000e-004	6.3000e-004		6.3000e-004	6.3000e-004	0.0000	8.9704	8.9704	1.7000e-004	1.6000e-004	9.0237
Total		**9.1000e-004**	**8.2400e-003**	**6.9200e-003**	**5.0000e-005**		**6.3000e-004**	**6.3000e-004**		**6.3000e-004**	**6.3000e-004**	**0.0000**	**8.9704**	**8.9704**	**1.7000e-004**	**1.6000e-004**	**9.0237**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Elementary School	164972	8.9000e-004	8.0900e-003	6.7900e-003	5.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	8.8035	8.8035	1.7000e-004	1.6000e-004	8.8558
Total		**8.9000e-004**	**8.0900e-003**	**6.7900e-003**	**5.0000e-005**		**6.1000e-004**	**6.1000e-004**		**6.1000e-004**	**6.1000e-004**	**0.0000**	**8.8035**	**8.8035**	**1.7000e-004**	**1.6000e-004**	**8.8558**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Elementary School	155150	32.2724	2.0400e-003	4.2000e-004	32.4493
Total		**32.2724**	**2.0400e-003**	**4.2000e-004**	**32.4493**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Elementary School	154158	32.0661	2.0300e-003	4.2000e-004	32.2418
Total		**32.0661**	**2.0300e-003**	**4.2000e-004**	**32.2418**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.1238	0.0000	2.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.4000e-004	4.4000e-004	0.0000	0.0000	4.7000e-004
Unmitigated	0.1238	0.0000	2.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.4000e-004	4.4000e-004	0.0000	0.0000	4.7000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0283					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0954					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0000e-005	0.0000	2.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.4000e-004	4.4000e-004	0.0000	0.0000	4.7000e-004
Total	**0.1238**	**0.0000**	**2.2000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**4.4000e-004**	**4.4000e-004**	**0.0000**	**0.0000**	**4.7000e-004**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0283					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0954					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0000e-005	0.0000	2.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.4000e-004	4.4000e-004	0.0000	0.0000	4.7000e-004
Total	**0.1238**	**0.0000**	**2.2000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**4.4000e-004**	**4.4000e-004**	**0.0000**	**0.0000**	**4.7000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	1.0924	3.6800e-003	2.9000e-004	1.2701
Unmitigated	1.0924	3.6800e-003	2.9000e-004	1.2701

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Elementary School	0.356722 / 0	1.0924	3.6800e-003	2.9000e-004	1.2701
Total		**1.0924**	**3.6800e-003**	**2.9000e-004**	**1.2701**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Elementary School	0.356722 / 0	1.0924	3.6800e-003	2.9000e-004	1.2701
Total		**1.0924**	**3.6800e-003**	**2.9000e-004**	**1.2701**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	7.4396	0.4397	0.0000	18.4313
Unmitigated	7.4396	0.4397	0.0000	18.4313

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Elementary School	36.65	7.4396	0.4397	0.0000	18.4313
Total		**7.4396**	**0.4397**	**0.0000**	**18.4313**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Elementary School	36.65	7.4396	0.4397	0.0000	18.4313
Total		**7.4396**	**0.4397**	**0.0000**	**18.4313**

3. CalEEMod Output
c. Existing Operation

Franklin School - Existing Conditions - San Diego County, Annual

Franklin School - Existing Conditions

San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	35.17	1000sqft	4.00	35,170.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2019
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	468.55	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Assumptions

Land Use - See Assumptions

Construction Phase - No Construction

Off-road Equipment - no construction

Trips and VMT - no construction

Vehicle Trips - no new trips

Energy Use - Historical data used due to age of buildings

Water And Wastewater - See Assumptions

Solid Waste - See Assumptions

Table Name	Column Name	Default Value	New Value
tblLandUse	LotAcreage	0.81	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	468.55
tblSolidWaste	SolidWasteGenerationRate	45.72	52.75
tblTripsAndVMT	WorkerTripNumber	3.00	0.00
tblVehicleTrips	WD_TR	15.43	0.00
tblWater	AerobicPercent	87.46	97.54
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	2.46
tblWater	IndoorWaterUseRate	1,019,821.58	513,453.00
tblWater	OutdoorWaterUseRate	2,622,398.34	0.00
tblWater	SepticTankPercent	10.33	0.00

2.0 Emissions Summary

No Construction

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1781	0.0000	3.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.3000e-004	6.3000e-004	0.0000	0.0000	6.7000e-004
Energy	1.3000e-003	0.0119	9.9600e-003	7.0000e-005		9.0000e-004	9.0000e-004		9.0000e-004	9.0000e-004	0.0000	60.3768	60.3768	3.1900e-003	8.4000e-004	60.7081
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	10.7078	0.0000	10.7078	0.6328	0.0000	26.5281
Water						0.0000	0.0000		0.0000	0.0000	0.1817	1.4209	1.6026	5.3000e-003	4.1000e-004	1.8583
Total	**0.1794**	**0.0119**	**0.0103**	**7.0000e-005**	**0.0000**	**9.0000e-004**	**9.0000e-004**	**0.0000**	**9.0000e-004**	**9.0000e-004**	**10.8894**	**61.7983**	**72.6878**	**0.6413**	**1.2500e-003**	**89.0951**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1781	0.0000	3.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.3000e-004	6.3000e-004	0.0000	0.0000	6.7000e-004
Energy	1.3000e-003	0.0119	9.9600e-003	7.0000e-005		9.0000e-004	9.0000e-004		9.0000e-004	9.0000e-004	0.0000	60.3768	60.3768	3.1900e-003	8.4000e-004	60.7081
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	10.7078	0.0000	10.7078	0.6328	0.0000	26.5281
Water						0.0000	0.0000		0.0000	0.0000	0.1817	1.4209	1.6026	5.3000e-003	4.1000e-004	1.8583
Total	**0.1794**	**0.0119**	**0.0103**	**7.0000e-005**	**0.0000**	**9.0000e-004**	**9.0000e-004**	**0.0000**	**9.0000e-004**	**9.0000e-004**	**10.8894**	**61.7983**	**72.6878**	**0.6413**	**1.2500e-003**	**89.0951**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

No Construction

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Elementary School	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-...	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Elementary School	9.50	7.30	7.30	65.00	30.00	5.00	63	25	12

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Elementary School	0.581689	0.044135	0.186694	0.113515	0.018244	0.005600	0.015197	0.022573	0.001888	0.002088	0.006279	0.000742	0.001357

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	47.4644	47.4644	2.9400e-003	6.1000e-004	47.7189
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	47.4644	47.4644	2.9400e-003	6.1000e-004	47.7189
NaturalGas Mitigated	1.3000e-003	0.0119	9.9600e-003	7.0000e-005		9.0000e-004	9.0000e-004		9.0000e-004	9.0000e-004	0.0000	12.9124	12.9124	2.5000e-004	2.4000e-004	12.9892
NaturalGas Unmitigated	1.3000e-003	0.0119	9.9600e-003	7.0000e-005		9.0000e-004	9.0000e-004		9.0000e-004	9.0000e-004	0.0000	12.9124	12.9124	2.5000e-004	2.4000e-004	12.9892

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Elementary School	241970	1.3000e-003	0.0119	9.9600e-003	7.0000e-005		9.0000e-004	9.0000e-004		9.0000e-004	9.0000e-004	0.0000	12.9124	12.9124	2.5000e-004	2.4000e-004	12.9892
Total		**1.3000e-003**	**0.0119**	**9.9600e-003**	**7.0000e-005**		**9.0000e-004**	**9.0000e-004**		**9.0000e-004**	**9.0000e-004**	**0.0000**	**12.9124**	**12.9124**	**2.5000e-004**	**2.4000e-004**	**12.9892**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Elementary School	241970	1.3000e-003	0.0119	9.9600e-003	7.0000e-005		9.0000e-004	9.0000e-004		9.0000e-004	9.0000e-004	0.0000	12.9124	12.9124	2.5000e-004	2.4000e-004	12.9892

Total		**1.3000e-003**	**0.0119**	**9.9600e-003**	**7.0000e-005**		**9.0000e-004**	**9.0000e-004**		**9.0000e-004**	**9.0000e-004**	**0.0000**	**12.9124**	**12.9124**	**2.5000e-004**	**2.4000e-004**	**12.9892**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Elementary School	223330	47.4644	2.9400e-003	6.1000e-004	47.7189
Total		**47.4644**	**2.9400e-003**	**6.1000e-004**	**47.7189**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Elementary School	223330	47.4644	2.9400e-003	6.1000e-004	47.7189
Total		**47.4644**	**2.9400e-003**	**6.1000e-004**	**47.7189**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.1781	0.0000	3.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.3000e-004	6.3000e-004	0.0000	0.0000	6.7000e-004
Unmitigated	0.1781	0.0000	3.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.3000e-004	6.3000e-004	0.0000	0.0000	6.7000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0408					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1374					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.0000e-005	0.0000	3.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.3000e-004	6.3000e-004	0.0000	0.0000	6.7000e-004
Total	**0.1781**	**0.0000**	**3.3000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**6.3000e-004**	**6.3000e-004**	**0.0000**	**0.0000**	**6.7000e-004**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0408					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1374					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.0000e-005	0.0000	3.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.3000e-004	6.3000e-004	0.0000	0.0000	6.7000e-004
Total	**0.1781**	**0.0000**	**3.3000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**6.3000e-004**	**6.3000e-004**	**0.0000**	**0.0000**	**6.7000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	1.6026	5.3000e-003	4.1000e-004	1.8583
Unmitigated	1.6026	5.3000e-003	4.1000e-004	1.8583

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			

Elementary School	0.513453 / 0	1.6026	5.3000e-003	4.1000e-004	1.8583
Total		**1.6026**	**5.3000e-003**	**4.1000e-004**	**1.8583**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Elementary School	0.513453 / 0	1.6026	5.3000e-003	4.1000e-004	1.8583
Total		**1.6026**	**5.3000e-003**	**4.1000e-004**	**1.8583**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	10.7078	0.6328	0.0000	26.5281
Unmitigated	10.7078	0.6328	0.0000	26.5281

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Elementary School	52.75	10.7078	0.6328	0.0000	26.5281
Total		**10.7078**	**0.6328**	**0.0000**	**26.5281**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Elementary School	52.75	10.7078	0.6328	0.0000	26.5281
Total		**10.7078**	**0.6328**	**0.0000**	**26.5281**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Appendix F
Asbestos Report

ESA

JMR Environmental Services, Inc.

April 30, 1999
JMR Job #1-11

Mr. Glenn Boogren
SAN DIEGO UNIFIED SCHOOL DISTRICT
4860 Ruffner Street
San Diego, California 92111

PROJECT: Franklin Elementary School

SUBJECT: Summary of Asbestos Containing Materials

Mr. Boogren:

Enclosed is a summary of asbestos containing material at Franklin Elementary School. This summary was compiled from the results of sample analysis as supplied by San Diego Unified School District and samples collected and analyzed by JMR Environmental Services, Inc.

Procedure:

Sample analysis of bulk materials was performed in accordance with procedures described in Appendix A, "Method for the Determination of Asbestiform Minerals in Bulk Insulation Samples", published in 40 CFR Ch. I (1-1-87 Edition), Pt. 763, Subpart F, Ap. A, pages 293-299. This procedure involves examination of the samples with a petrographic microscope utilizing polarized light, a procedure commonly known as polarized light microscopy (PLM).

Dispersion staining is a technique that is used in conjunction with PLM. This technique allows the analyst to measure the refractive index of the fiber by producing colors through the dispersion of refractive index of the fiber as it relates to the dispersion index of the mounting liquid. A more positive identification of asbestos can be made when both PLM and dispersion staining are used.

All results generated via bulk asbestos analysis are reported in terms of approximate percent by volume. The results are presented on the following pages.

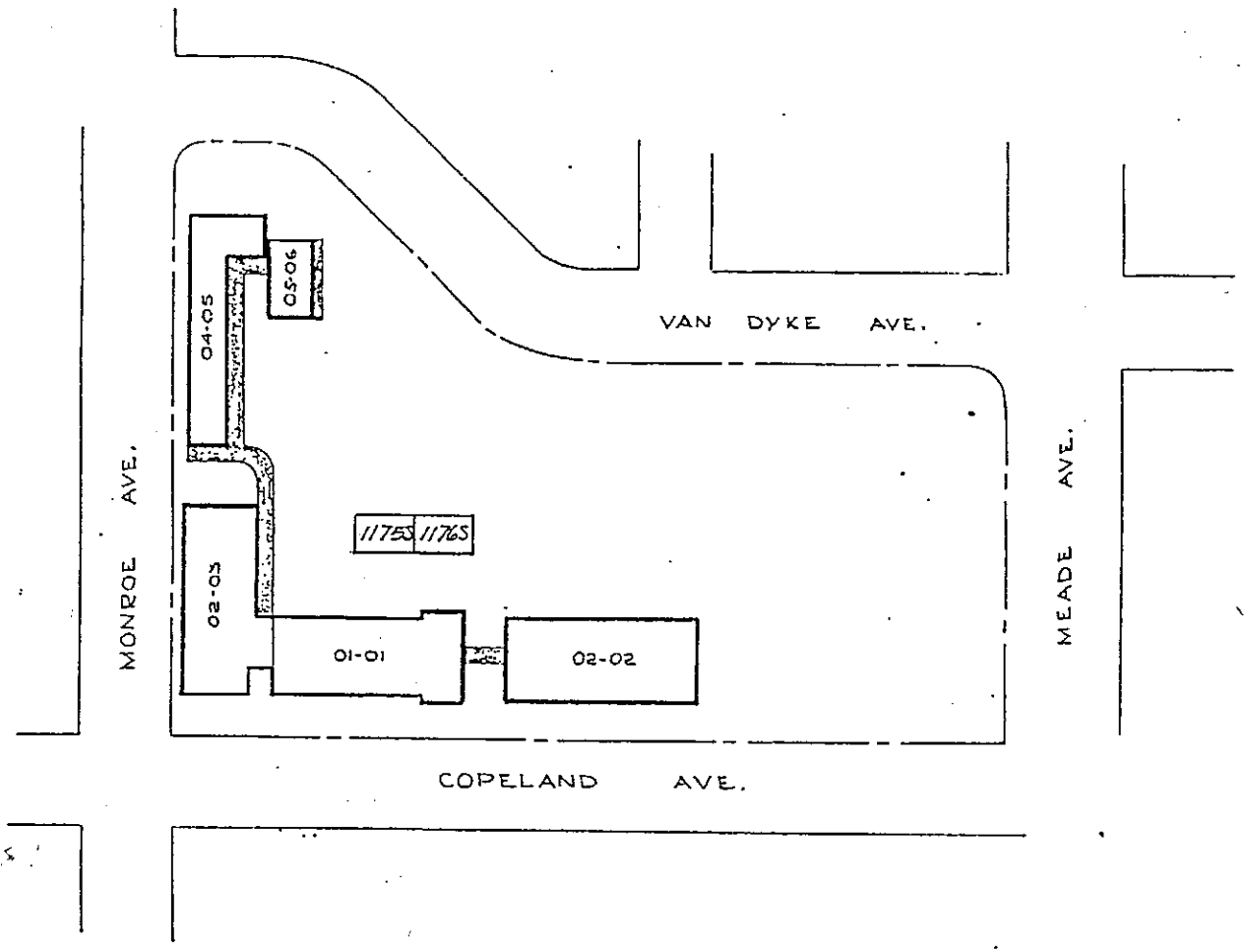
3491 Kurtz Street San Diego, CA 92110-4430 Tel: 619-222-0544 Fax: 619-224-7260

SITE PLAN

PORTABLE FACILITY	NO.	TOTAL AREA
CLASS RMS.	2	1920

BUILDING IDENTIFICATION NUMBER	TOTAL AREA OF BLDG. PLUS ½ ARCADE AREA	DATE OF FINAL COMPL.
01-01	7,950	1934
02-02	8,046	1941
02-03	9,420	"
03-04	DEMOLISHED	1963
04-05	6,362	1948
05-06	1,815	4-15-52

TOTAL SQ.FT. 33,593



DATE 3-12-69
REV.
FRANKLIN EL
SMALL SCALE PLOT
SCALE 1"=100'
N
FILE NO.

BULK SAMPLE RESULTS

FROM

JMR SAMPLING

1-11-042999-A
04/30/99

Results:

Sample Number	Sample ID	Type of Asbestos Present	Total Percentage by Volume	Other Materials Present		Gross Appearance
3348	1; Franklin 9 x 9 Floor Tile Electric Room - Entry Foyer	Chrysotile	2%	Cellulose Quartz Clay	<1%	Homogenous Fibrous Dark Brown Non-Friable
3349	2; Franklin Floor Tile Mastic Electric Room - Entry Foyer	None Detected		Cellulose Quartz Asphalt Clay	3%	Homogenous Fibrous Black
3350	3; Franklin Ceiling Tile Main Office	None Detected		Cellulose Paint Clay	98%	Layered Fibrous White/Tan
3351	4; Franklin Flooring Material Classroom 2	None Detected		Cellulose Vermiculite Clay Vinyl	<1%	Homogenous Fibrous Tan
3352	5; Franklin Flooring Mastic Classroom 2	None Detected		Cellulose Clay Adhesive	3%	Homogenous Fibrous Brown
3353	6; Franklin 12 x 12 Floor Tile Classroom 8	None Detected		Cellulose Quartz Clay Vinyl	<1%	Homogenous Fibrous Off White
3354	7; Franklin Floor Tile Mastic Classroom 8	Chrysotile	4%	Cellulose Quartz Asphalt	2%	Homogenous Fibrous Black Non-Friable
3355	8; Franklin Ceiling Tile Classroom 8	None Detected		Cellulose Paint Clay	99%	Layered Fibrous White/Tan
3356	9; Franklin 9 x 9 Floor Tile 200 Building - Hallway	None Detected		Cellulose Quartz Clay Vinyl	<1%	Homogenous Fibrous Brown
3357	10; Franklin Floor Tile Mastic 200 Building - Hallway	None Detected		Cellulose Quartz Clay Adhesive	4%	Homogenous Fibrous Yellow

1-11-042999-A
04/30/99

Results:

Sample Number	Sample ID	Type of Asbestos Present	Total Percentage by Volume	Other Materials Present		Gross Appearance
3358	11; Franklin 9 x 9 Floor Tile Classroom 14	Chrysotile	6%	Cellulose Quartz Clay Vinyl	<1%	Homogenous Fibrous Brick Red Non-Friable
3359	12; Franklin Floor Tile Mastic Classroom 14	None Detected		Cellulose Asphalt Clay	3%	Homogenous Fibrous Black
3360	13; Franklin 12 x 12 Ceiling Tile	None Detected		Cellulose Paint Clay	98%	Layered Fibrous Tan/White
3361	14; Franklin 9 x 9 Floor Tile 100 Building - Hallway Path	None Detected		Cellulose Quartz Clay Vinyl	3%	Homogenous Fibrous Brown
3362	15; Franklin Floor Tile Mastic 100 Building - Hallway Path	None Detected		Cellulose Quartz Asphalt Clay	30%	Layered Fibrous Tan/Black
3363	16; Franklin 9 x 9 Floor Tile Cafeteria	Chrysotile	2%	Cellulose Quartz Clay	<1%	Homogenous Fibrous Brown Non-Friable
3364	17; Franklin Floor Tile Mastic Cafeteria	None Detected		Cellulose Quartz Asphalt Clay	2%	Homogenous Fibrous Black
3365	18; Franklin 12 x 12 Ceiling Tile Cafeteria	None Detected		Cellulose Paint Quartz Clay	98%	Layered Fibrous Tan/White
3366	19; Franklin 9 x 9 Floor Tile Building 9	None Detected		Cellulose Quartz Clay Vinyl	<1%	Homogenous Fibrous Tan
3367	20; Franklin Floor Tile Mastic Building 9	None Detected		Cellulose Quartz Clay Adhesive	3%	Homogenous Fibrous Yellow

1-11-042999-A
04/30/99

Results:

Sample Number	Sample ID	Type of Asbestos Present	Total Percentage by Volume	Other Materials Present		Gross Appearance
3368	21; Franklin 12 x 12 Ceiling Tile Building 9	None Detected		Cellulose Paint Clay	99%	Layered Fibrous Tan/White

BULK ASBESTOS CHAIN OF CUSTODY

JMR ENVIRONMENTAL SERVICES INC.
3491 Kurtz Street
San Diego, CA 92110-4430
Tel: (619) 222-0544 Fax: 224-7260

Project Name: Franklin | Company Name: S.D.U.S.D. | Phone #:
Job Address: | Attention: Glenn Boogren | Fax #:
JMR Job #: 1-11-042999-A | Address: | Client Job #:
Collected By & Date: RC 4/28 | City, State, Zip: | Client PO#:

☐ **RUSH (Same Day)** ☒ **Next Day** ☐ **Two Days** ☐ **Normal (5 Days)**

235

Lab #	Sample #	Materials Sampled	Location	Results
3348	1	9X9 FT	Electric Rm Entry Foyer	2% CH
3349	2	FT/Mastic		ND
3350	3	CT	Main Office	
3351	4	Flooring Material	CR-2	
3352	5	Flooring Mastic	CR-2	
3353	6	12X12 FT	CR-8	
3354	7	FT/Mastic	↓	4CH
3355	8	CT	↓	ND
3356	9	9X9 FT	200 BLDG Hallway	
3357	10	FT Mastic	↓ ↓	↓

Relinquished By: _____
Date: _____ Time: _____

Received By: _____
Date: _____ Time: _____

Comments: _____

BULK ASBESTOS CHAIN OF CUSTODY

JMR ENVIRONMENTAL SERVICES INC.
3491 Kurtz Street
San Diego, CA 92110-4430
Tel: (619) 222-0544 Fax: 224-7260

Project Name: Franklin | Company Name: S.D.U.S.D. | Phone #:
Job Address: | Attention: Glenn Boegren | Fax #:
JMR Job #: 1-11 | Address: | Client Job #:
Collected By & Date: RC 4/28 | City, State, Zip: | Client PO#:

☐ **RUSH (Same Day)** ☒ **Next Day** ☐ **Two Days** ☐ **Normal (5 Days)**

Lab #	Sample #	Materials Sampled	Location	Results
3358	11	9x9 FT	CR-14	6 CH
3359	12	FT/mastic	↓	ND
3360	13	CT	12x12 CT	↓
3361	14	9x9 FT	100 BLDG Hallway Pathing	↓
3362	15	FT mastic	↓	↓
3363	16	9x9 FT	Cafeteria	2 CH
3364	17	FT mastic	↓	ND
3365	18	12x12 CT	↓	↓
3366	19	9x9 FT	B-9	↓
3367	20	FT mastic	B-9	↓
3368	21	12x12 CT	B-9	↓

Relinquished By: _____ Comments:
Date: _____ Time: _____

Received By: _____
Date: _____ Time: _____

BULK SAMPLE RESULTS

FROM

SAN DIEGO UNIFIED SCHOOL DISTRICT

SAN DIEGO UNIFIED SCHOOL DISTRICT
MAINTENANCE AND OPERATIONS DEPARTMENT
EQUIPMENT/SAFETY SERVICES PROGRAM

ASBESTOS SAMPLE RESULTS LOG
Location/Site # Franklin - 113

BLDG#/EMI#	FUNCTIONAL SPACE/AREA	TYPE OF MATERIAL	SMPL NO.	TYPE OF ASBESTOS (%)
01-01 02-03 60496	1-Administration Bldg	Exterior stucco		NEGATIVE
	1-Administration/Office	Floor tile 9x9		5%CHRYSOTILE
		Mastic		NEGATIVE
	1-Office	Floor tile 9x9	1	3%CHRYSOTILE
	1-Cafe/Audit/Conf Rm/E Wall	Interior wall plaster		NEGATIVE
	2-Attic over Duplicator Rm	Aircell pipe insulation	1	80%CHRYSOTILE
		Aircell pipe insulation	2	60%CHRYSOTILE
		Asbestocell pipe run	3	60%CHRYSOTILE
		Asbestos paper/seam tape	1	60%CHRYSOTILE
	2-Loft over Stage	Asbestocell pipe run	1	80%CHRYSOTILE
	3-Stage Loft	Asbestocell pipe lagging	1	60%CHRYSOTILE
	4-Heater Room by Stage	Asbestocell pipe run	2	80%CHRYSOTILE
	4-Auditorium/Heater Room	Duct insulation		45%CHRYSOTILE
		Interior wall plaster		NEGATIVE
	5-Cafeteria	Ceiling plaster		NEGATIVE
	6-Kitchen	Floor tile 12x12	1	NEGATIVE
	7-Supply Room	Asbestocell pipe lagging	3	85%CHRYSOTILE

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SAN DIEGO UNIFIED SCHOOL DISTRICT
MAINTENANCE AND OPERATIONS DEPARTMENT
EQUIPMENT/SAFETY SERVICES PROGRAM

ASBESTOS SAMPLE RESULTS LOG
Location/Site # Franklin - 113

BLDG#/EMI#	FUNCTIONAL SPACE/AREA	TYPE OF MATERIAL	SMPL NO.	TYPE OF ASBESTOS (%)
01-01 02-03 60496	7-Supply Room	Ceiling material		NEGATIVE
		Mudded pipe fitting	2	5%CHRYSOTILE 70%AMOSITE
	7-Heater Room	Mudded pipe fitting	1	5%CHRYSOTILE 70%AMOSITE
	8-Kitchen Pantry	Linoleum	1	NEGATIVE
	9-Bldg 01-01/Boys Restroom	Ceiling plaster		NEGATIVE
		(Pipe chase) Interior wall plaster		NEGATIVE
	9-Bldg 01-01/02-03/Room 1	Linoleum	1	NEGATIVE
	9-Bldg 01-01/Hall Outside Rm 4	Spray-on ceiling plaster		5%CHRYSOTILE
	9-Hallway Across Room #1	Interior wall plaster		NEGATIVE
	10-Health Office/Heater Closet	Interior wall plaster		NEGATIVE
02-02 60497	1-Bldg 02-02	Ceiling panels		NEGATIVE
		Interior wall plaster		NEGATIVE
	1-Room 7	Floor tile 9x9	1	3%CHRYSOTILE
	2-Classrooms	Floor tile 12x12	1	NEGATIVE
	3-Boys Restroom #2/South Side	Exterior wall plaster		NEGATIVE
04-05 05-06 60499	1-Bldg 04-05/Custodial Strg Rm	Interior plaster		NEGATIVE

SAN DIEGO UNIFIED SCHOOL DISTRICT
MAINTENANCE AND OPERATIONS DEPARTMENT
EQUIPMENT/SAFETY SERVICES PROGRAM

ASBESTOS SAMPLE RESULTS LOG
Location/Site # Franklin - 113

BLDG#/EMI#	FUNCTIONAL SPACE/AREA	TYPE OF MATERIAL	SMPL NO.	TYPE OF ASBESTOS (%)
04-05 05-06 60499	1-Bldg 04-05/North Side	Exterior plaster		NEGATIVE
	1-Bldg 3/Gear Locker	Interior plaster		NEGATIVE
	1-Bldg 05-06/South Wall	Exterior plaster		NEGATIVE
	1-Room 17	Ceiling plaster		NEGATIVE
	1-Room 18	Ceiling plaster		NEGATIVE
	2-Bldg 05-06/Heater Room	Interior plaster		NEGATIVE
	2-Heater Room	Asbestos paper	1	35%CHRYSOTILE
		Seam tape	1 – 2	60%CHRYSOTILE
91175S 60501	1-B-1/A91175S	Exterior stucco		TRACE <1%CHRYSOTILE
91176S 60502	1-B-2/B-3/A91176S	Exterior stucco		3%CHRYSOTILE
A80856 60862	1-B-6/A80856	Exterior stucco		TRACE <1%CHRYSOTILE
A91418 61828	1-B-7/A91418	Exterior stucco		2%CHRYSOTILE

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SAN DIEGO UNIFIED SCHOOL DISTRICT
MAINTENANCE AND OPERATIONS DEPARTMENT
EQUIPMENT/SAFETY SERVICES PROGRAM

ASBESTOS SAMPLE RESULTS LOG
Location/Site # Franklin - 113

BLDG#/EMI#	FUNCTIONAL SPACE/AREA	TYPE OF MATERIAL	SMPL NO.	TYPE OF ASBESTOS (%)
A91178 62279	1-B-9/A91178	Exterior stucco		2%CHRYSOTILE
A91203 62285	1-B-8/A91203	Exterior stucco		3%CHRYSOTILE

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SUMMARY OF ASBESTOS CONTAINING MATERIALS AT FRANKLIN ELEMENTARY SCHOOL

JMR Environmental Services, Inc.

SAN DIEGO UNIFIED SCHOOL DISTRICT
Franklin Elementary School
April 30, 1999

ASBESTOS CONTAINING MATERIALS
FRANKLIN ELEMENTARY SCHOOL

100 BUILDING (01-01)

Floor Tile Mastic - Throughout
Spray-On Ceiling Plaster

200 BUILDING (02-02)

9" x 9" Floor Tile - Throughout

300 BUILDING (04-05)

9" x 9" Floor Tile - Throughout
Asbestos Paper - Heater Room
Seam Tape - Heater Room

400 BUILDING (02-03)

Aircell Pipe Insulation - Throughout Attic Space
Aircell Pipe Insulation - Heater Room by Stage
Aircell Pipe Lagging - Supply Room
Mudded Pipe Fittings - Supply Room
Mudded Pipe Fittings - Heater Room

BUNGALOWS

Exterior Stucco

LEAD CONTAINING PAINT INVESTIGATION CONDUCTED AT FRANKLIN ELEMENTARY SAN DIEGO, CALIFORNIA

JMR JOB # 1 - 11

Issued to:
Mr. Glenn Boogren
San Diego Unified School District
4860 Ruffner Street
San Diego, California 92111

April 30, 1999

JMR Environmental Services, Inc.

JMR Environmental Services, Inc.

April 30, 1999
JMR Job #1-11

San Diego Unified School District
Mr. Glenn Boogren
4860 Ruffner Street
San Diego, California, 92111

Mr. Boogren:

An investigation to identify possible Lead Containing Paint was performed by JMR Environmental Services Inc. at Franklin Elementary School, 4481 Copeland Avenue, San Diego, California on April 28, 1999.

The purpose of this survey was to determine the presence of lead on fixed, painted surfaces within the area described above. Many building components at this site appeared to be homogeneous.

Equipment used to perform the survey was an X-Ray Fluorescence (XRF) Scitec Map 4 Spectrum Analyzer. In addition, paint chip samples were collected and analyzed.

This report includes XRF results, paint chip sample lab results, a site plan, a summary of Cal/OSHA's Lead in Construction Standard, and a discussion of survey results and Cal/OSHA compliance recommendations.

Lead Standards

Several government agencies have definitions for what amount of lead constitutes paint to be considered "lead-based." The Department of Housing and Urban Development (HUD) has designated the amount to be 1.0 mg/cm^2 or 5000 ppm (parts per million). The HUD regulations are related to potential hazards in the home environment and not to construction activities.

The California Department of Health Services (DHS) has created lead-related regulations that have been adopted into Title 17 of the California Code of Regulations. These regulations also define lead-based paint (LBP) as surface coatings containing lead concentrations of 1.0 mg/m^2 or 5000 ppm. The DHS regulations apply only to lead hazard abatement activities.

The Consumer Product Safety Commission (CPSC) has defined lead-based paint as surface coatings containing lead concentrations greater than 600 ppm. In 1978 the CPSC banned the sale of lead-based paint to consumers and the use of lead-based paint in residences and public buildings.

The Cal-OSHA Lead in Construction Standard (Title 8 CCR Section 1532.1) requires contractors to protect their workers when there is a potential for lead exposure due to the construction activities. Currently, Cal-OSHA has no lead concentration listed where contractors are exempt from Standard 8 CCR 1532.1.

Test Procedures:

Representative fixed, painted, surfaces were tested using the Scitec XRF Map Spectrum Analyzer. Results greater than 1.0 mg/cm^2 are considered to be positive for lead. Paint chip samples are collected from representative components when XRF results are less than 1.0 mg/cm^2 or inconclusive. Paint chip samples are then analyzed in a laboratory using Atomic Absorption Spectrometry (AAS).

XRF assays were performed using the "unlimited" mode. At this setting the XRF continues to assay the substrate until is has determined the painted surface to be either positive or negative with a confidence level of 95%.

XRF assay results are given on the following pages. Positive assay results are shaded.

SITE PLAN

MONROE AVENUE
GATE ENTRANCE
KITCHEN
CAFETERIA
AUDITOR
OFFICE
GIRLS
RM.14
RM.15
RM.16
RM.17
RM.18
KINDERGARTEN PLAYGROUND
300 Site
400 Site
LUNCH AREA
SCHOOL MAIN ENTRANCE
RM.2
RM.4
RM.6
RM.1
RM.3
RM.5
100 Site
GATE ENTRANCE GIRLS RESTROOM
RM.8
RM.10
RM.12
RM.7
RM.9
RM.11
200 Site
BOYS RESTROOM
B1
B2
B3
B4
B5
B6
B7
B8
B9
B10
B11
B12
500 Site
LUNCH AREA
LOWER PLAYGROUND
EBC
FIRST AID
GIRLS RESTROOM
BOYS RESTROOM
REUNION GATE
PARENT PICK UP
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 B1 B2 B3 B4 B5 B6 B7 B8 B9 B10 B11 B12
MEADE AVENUE
COPELAND AVENUE
VAL DYKE AVENUE

CONFIRMED POSITIVES

Confirmed Positives

Customer: San Diego Unified School District

Project Name: Franklin School
San Diego

Site Name: Classrooms 1-6

Lab 1.000 mg /cm2
Action Level 1.000

Total Assays Reported 41

#	Site	Room Tested	#	Wall	Component	Substrate	Paint Condition	K-Shell mg/cm2	L-Shell mg/cm2	Map #	Lab	Result
14599	0100	Classroom 2	1	1	Ent Dr Frm	Wood	Satisfactory	6.172 K	0.000 X	0		Pos
14600	0100	Classroom 2	1	1	Entry Door	Wood	Satisfactory	4.532 K	0.000 X	0		Pos
14601	0100	Classroom 2	1	1	Lower Wall	Plaster	Good	4.468 K	0.000 X	0		Pos
14602	0100	Classroom 2	1	1	Baseboard	Wood	Satisfactory	7.406 K	0.000 X	0		Pos
14603	0100	Classroom 2	1	2	Door Frame	Wood	Satisfactory	7.529 K	0.000 X	0		Pos
14604	0100	Classroom 2	1	3	Cabinet	Wood	Satisfactory	7.292 K	0.000 X	0		Pos
14606	0100	Classroom 2	1	2	Shelf	Wood	Satisfactory	7.530 K	0.000 X	0		Pos
14607	0100	Classroom 2	1	3	Sink Cabinet	Wood	Satisfactory	7.515 K	0.000 X	0		Pos
14608	0100	Classroom 2	1	3	Window Sill	Wood	Satisfactory	7.529 K	0.000 X	0		Pos
14609	0100	Classroom 2	1	3	Window Sill	Wood	Satisfactory	7.462 K	0.000 X	0		Pos
14610	0100	Classroom 2	1	3	Window Sill	Wood	Satisfactory	7.302 K	0.000 X	0		Pos
14611	0100	Classroom 2	1	4	Lower Wall	Plaster	Good	4.888 K	0.000 X	0		Pos
14612	0100	Classroom 5	1	1	Ent Dr Frm	Wood	Satisfactory	8.594 K	0.000 X	0		Pos
14613	0100	Classroom 5	1	1	Entry Door	Wood	Satisfactory	4.916 K	0.000 X	0		Pos
14615	0100	Classroom 5	1	1	Lower Wall	Plaster	Good	3.300 K	0.000 X	0		Pos
14616	0100	Classroom 5	1	2	Lower Wall	Plaster	Good	5.187 K	0.000 X	0		Pos
14617	0100	Classroom 5	1	2	Door Frame	Wood	Satisfactory	7.389 K	0.000 X	0		Pos
14618	0100	Classroom 5	1	2	Cabinet	Wood	Satisfactory	4.676 K	0.000 X	0		Pos
14619	0100	Classroom 5	1	2	Baseboard	Wood	Satisfactory	5.818 K	0.000 X	0		Pos
14620	0100	Classroom 5	1	2	Baseboard	Wood	Satisfactory	6.485 K	0.000 X	0		Pos

Confirmed Positives

Customer: San Diego Unified School District

Project Name: Franklin School
San Diego

Site Name: Classrooms 1-6

Lab 1.000 mg /cm2
Action Level 1.000

Total Assays Reported 41

#	Site	Room Tested	#	Wall	Component	Substrate	Paint Condition	K-Shell mg/cm2	L-Shell mg/cm2	Map #	Lab	Result
14621	0100	Classroom 5	1	3	Sink Cabinet	Wood	Satisfactory	4.560 K	0.000 X	0		Pos
14622	0100	Classroom 5	1	3	Window Sill	Wood	Satisfactory	9.260 K	0.000 X	0		Pos
14623	0100	Classroom 5	1	3	Window Sill	Wood	Satisfactory	9.011 K	0.000 X	0		Pos
14624	0100	Classroom 5	1	3	Cabinet	Wood	Satisfactory	4.719 K	0.000 X	0		Pos
14625	0100	Classroom 5	1	4	Lower Wall	Plaster	Good	5.826 K	0.000 X	0		Pos
14626	0100	Hallway	1	1	Ent Dr Frm	Wood	Satisfactory	7.504 K	0.000 X	0		Pos
14627	0100	Hallway	1	1	Entry Door	Wood	Satisfactory	3.281 K	0.000 X	0		Pos
14628	0100	Hallway	1	1	Lower Wall	Plaster	Good	3.086 K	0.000 X	0		Pos
14629	0100	Hallway	1	2	Ent Dr Frm	Wood	Satisfactory	6.146 K	0.000 X	0		Pos
14630	0100	Hallway	1	2	Door	Wood	Satisfactory	4.712 K	0.000 X	0		Pos
14631	0100	Hallway	1	3	Lower Wall	Plaster	Good	3.017 K	0.000 X	0		Pos
14636	0100	Exterior	1	2	Window Casing	Wood	Poor	9.279 K	0.000 X	0		Pos
14637	0100	Exterior	1	2	Window Casing	Wood	Poor	5.849 K	0.000 X	0		Pos
14638	0100	Exterior	1	2	Window Casing	Wood	Poor	8.895 K	0.000 X	0		Pos
14639	0100	Exterior	1	2	Window Sill	Wood	Satisfactory	8.841 K	0.000 X	0		Pos
14640	0100	Exterior	1	2	Window Sill	Wood	Satisfactory	7.613 K	0.000 X	0		Pos
14641	0100	Exterior	1	2	Window Sill	Wood	Satisfactory	6.664 K	0.000 X	0		Pos
14644	0100	Exterior	1	4	Window Sill	Wood	Satisfactory	8.859 K	0.000 X	0		Pos
14645	0100	Exterior	1	4	Window Sill	Wood	Satisfactory	6.741 K	0.000 X	0		Pos
14646	0100	Exterior	1	4	Window Sill	Wood	Satisfactory	2.641 K	0.000 X	0		Pos

Confirmed Positives

Customer: San Diego Unified School District

Project Name: Franklin School
San Diego

Site Name: Classrooms 1-6

Lab 1.000 mg /cm2

Action Level 1.000

Total Assays Reported 41

#	Site	Room Tested	#	Wall	Component	Substrate	Paint Condition	K-Shell mg/cm2	L-Shell mg/cm2	Map #	Lab	Result
14648	0100	Exterior	1	3	Column, Steel	Wood	Satisfactory	5.103 K	0.000 X	0		Pos

Confirmed Positives

Customer: San Diego Unified School District

Project Name: Franklin School
San Diego

Site Name: Classrooms 7-12

Lab 1.000 mg /cm2

Action Level 1.000

Total Assays Reported 30

#	Site	Room Tested	#	Wall	Component	Substrate	Paint Condition	K-Shell mg/cm2	L-Shell mg/cm2	Map #	Lab	Result
14651	0200	Classroom 8	1	1	Ent Dr Frm	Wood	Satisfactory	2.386 K	0.000 X	0		Pos
14652	0200	Classroom 8	1	1	Entry Door	Wood	Satisfactory	3.283 K	0.000 X	0		Pos
14656	0200	Classroom 8	1	2	Cabinet	Wood	Satisfactory	1.805 K	0.000 X	0		Pos
14658	0200	Classroom 8	1	3	Window Sill	Wood	Satisfactory	6.728 K	0.000 X	0		Pos
14659	0200	Classroom 8	1	3	Window Sill	Wood	Satisfactory	2.897 K	0.000 X	0		Pos
14660	0200	Classroom 8	1	4	Lower Wall	Plaster	Good	2.161 K	0.000 X	0		Pos
14661	0200	Classroom 8	1	4	Lower Wall	Plaster	Good	1.913 K	0.000 X	0		Pos
14662	0200	Classroom 11	1	1	Ent Dr Frm	Wood	Satisfactory	2.014 K	0.000 X	0		Pos
14663	0200	Classroom 11	1	1	Entry Door	Wood	Satisfactory	3.190 K	0.000 X	0		Pos
14665	0200	Classroom 11	1	1	Lower Wall	Plaster	Good	8.933 K	0.000 X	0		Pos
14667	0200	Classroom 11	1	2	Cabinet	Wood	Satisfactory	8.458 K	0.000 X	0		Pos
14668	0200	Classroom 11	1	1	Entry Door	Wood	Satisfactory	2.795 K	0.000 X	0		Pos
14670	0200	Classroom 11	1	3	Window Sill	Wood	Satisfactory	5.648 K	0.000 X	0		Pos
14671	0200	Classroom 11	1	3	Window Sill	Wood	Satisfactory	6.430 K	0.000 X	0		Pos
14672	0200	Classroom 11	1	4	Lower Wall	Plaster	Good	5.188 K	0.000 X	0		Pos
14674	0200	Classroom 11	1	1	Entry Door	Wood	Satisfactory	2.821 K	0.000 X	0		Pos
14676	0200	Classroom 11	1	1	Lower Wall	Plaster	Good	2.826 K	0.000 X	0		Pos
14678	0200	Classroom 11	1	2	Door Frame	Wood	Satisfactory	5.394 K	0.000 X	0		Pos
14679	0200	Classroom 11	1	2	Door	Wood	Satisfactory	3.560 K	0.000 X	0		Pos
14680	0200	Bathroom	1	1	Ent Dr Frm	Wood	Satisfactory	3.930 K	0.000 X	0		Pos

Confirmed Positives

Customer: San Diego Unified School District

Project Name: Franklin School
San Diego

Site Name: Classrooms 7-12

Lab 1.000 mg /cm2
Action Level 1.000

Total Assays Reported 30

#	Site	Room Tested	#	Wall	Component	Substrate	Paint Condition	K-Shell mg/cm2	L-Shell mg/cm2	Map #	Lab	Result
14682	0200	Bathroom	1	1	Entry Door	Wood	Satisfactory	3.380 K	0.000 X	0		Pos
14684	0200	Bathroom	1	2	Lower Wall	Plaster	Good	2.127 K	0.000 X	0		Pos
14686	0200	Exterior	1	1	Ent Dr Frm	Wood	Satisfactory	5.924 K	0.000 X	0		Pos
14687	0200	Exterior	1	1	Entry Door	Wood	Satisfactory	3.816 K	0.000 X	0		Pos
14690	0200	Exterior	1	2	Window Sill	Wood	Poor	9.947 K	0.000 X	0		Pos
14691	0200	Exterior	1	2	Window Sill	Wood	Poor	6.857 K	0.000 X	0		Pos
14692	0200	Exterior	1	2	Window Casing	Wood	Poor	9.205 K	0.000 X	0		Pos
14693	0200	Exterior	1	2	Window Casing	Wood	Poor	6.808 K	0.000 X	0		Pos
14694	0200	Exterior	1	3	Window Sill	Wood	Satisfactory	12.132 K	0.000 X	0		Pos
14695	0200	Exterior	1	3	Window Sill	Wood	Satisfactory	11.993 K	0.000 X	0		Pos

Confirmed Positives

Customer: San Diego Unified School District

Project Name: Franklin School
San Diego

Site Name: Classrooms 14-18

Lab 1.000 mg /cm2

Action Level 1.000

Total Assays Reported 29

#	Site	Room Tested	#	Wall	Component	Substrate	Paint Condition	K-Shell mg/cm2	L-Shell mg/cm2	Map #	Lab	Result
14700	0300	Classroom 15	1	1	Ent Dr Frm	Wood	Satisfactory	6.047 K	0.000 X	0		Pos
14702	0300	Classroom 15	1	1	Entry Door	Wood	Satisfactory	5.603 K	0.000 X	0		Pos
14703	0300	Classroom 15	1	1	Window Sill	Wood	Satisfactory	6.533 K	0.000 X	0		Pos
14705	0300	Classroom 15	1	1	Lower Wall	Plaster	Good	3.975 K	0.000 X	0		Pos
14706	0300	Classroom 15	1	1	Baseboard	Wood	Satisfactory	4.230 K	0.000 X	0		Pos
14709	0300	Classroom 15	1	2	Cabinet	Wood	Satisfactory	6.872 K	0.000 X	0		Pos
14710	0300	Classroom 15	1	2	Cabinet	Wood	Satisfactory	5.262 K	0.000 X	0		Pos
14711	0300	Classroom 15	1	2	Cabinet	Wood	Satisfactory	4.042 K	0.000 X	0		Pos
14713	0300	Classroom 15	1	3	Window Sill	Wood	Satisfactory	4.441 K	0.000 X	0		Pos
14714	0300	Classroom 15	1	3	Window Sill	Wood	Satisfactory	3.286 K	0.000 X	0		Pos
14715	0300	Exterior	1	1	Ent Dr Frm	Wood	Satisfactory	7.336 K	0.000 X	0		Pos
14717	0300	Exterior	1	1	Entry Door	Wood	Satisfactory	8.536 K	0.000 X	0		Pos
14718	0300	Exterior	1	1	Window Casing	Wood	Satisfactory	10.031 K	0.000 X	0		Pos
14719	0300	Exterior	1	1	Window Casing	Wood	Satisfactory	7.072 K	0.000 X	0		Pos
14722	0300	Exterior	1	1	Column, Steel	Wood	Satisfactory	8.382 K	0.000 X	0		Pos
14723	0300	Exterior	1	1	Column, Steel	Wood	Satisfactory	8.470 K	0.000 X	0		Pos
14724	0300	Exterior	1	1	Column, Steel	Wood	Satisfactory	6.773 K	0.000 X	0		Pos
14725	0300	Exterior	1	1	Column, Steel	Wood	Satisfactory	5.579 K	0.000 X	0		Pos
14726	0300	Exterior	1	1	Walkway	Wood	Poor	2.488 K	0.000 X	0		Pos
14727	0300	Exterior	1	1	Walkway	Wood	Poor	2.931 K	0.000 X	0		Pos

Confirmed Positives

Customer: San Diego Unified School District

Project Name: Franklin School
San Diego

Site Name: Classrooms 14-18

Lab 1.000 mg /cm2

Action Level 1.000

Total Assays Reported 29

#	Site	Room Tested	#	Wall	Component	Substrate	Paint Condition	K-Shell mg/cm2	L-Shell mg/cm2	Map #	Lab	Result
14728	0300	Exterior	1	1	Walkway	Wood	Poor	2.666 K	0.000 X	0		Pos
14729	0300	Exterior	1	1	Walkway	Wood	Poor	2.620 K	0.000 X	0		Pos
14730	0300	Exterior	1	1	Walkway	Wood	Poor	3.791 K	0.000 X	0		Pos
14731	0300	Exterior	1	2	Ent Dr Frm	Wood	Poor	9.556 K	0.000 X	0		Pos
14733	0300	Exterior	1	2	Entry Door	Wood	Satisfactory	6.945 K	0.000 X	0		Pos
14735	0300	Exterior	1	3	Window Sill	Wood	Satisfactory	6.643 K	0.000 X	0		Pos
14736	0300	Exterior	1	3	Window Sill	Wood	Satisfactory	6.929 K	0.000 X	0		Pos
14737	0300	Exterior	1	3	Window Sill	Wood	Satisfactory	4.823 K	0.000 X	0		Pos
14738	0300	Exterior	1	3	Window Sill	Wood	Satisfactory	3.904 K	0.000 X	0		Pos

Confirmed Positives

Customer: San Diego Unified School District

Project Name: Franklin School
San Diego

Site Name: Administation / Cafeteria

Lab 1.000 mg /cm2

Action Level 1.000

Total Assays Reported 30

#	Site	Room Tested	#	Wall	Component	Substrate	Paint Condition	K-Shell mg/cm2	L-Shell mg/cm2	Map #	Lab	Result
14746	0400	Main Office	1	1	Cabinet	Wood	Satisfactory	1.395 K	0.000 X	0		Pos
14747	0400	Main Office	1	2	Window Sill	Wood	Satisfactory	3.260 K	0.000 X	0		Pos
14748	0400	Main Office	1	2	Window Sill	Wood	Satisfactory	2.306 K	0.000 X	0		Pos
14750	0400	Main Office	1	2	Door Frame	Wood	Satisfactory	4.532 K	0.000 X	0		Pos
14751	0400	Main Office	1	2	Door	Wood	Satisfactory	2.722 K	0.000 X	0		Pos
14752	0400	Main Office	1	2	Door Frame	Wood	Satisfactory	3.944 K	0.000 X	0		Pos
14754	0400	Main Office	1	2	Door	Wood	Satisfactory	4.015 K	0.000 X	0		Pos
14755	0400	Main Office	1	2	Window Sill	Wood	Satisfactory	1.784 K	0.000 X	0		Pos
14758	0400	Main Office	1	3	Door Frame	Wood	Satisfactory	3.056 K	0.000 X	0		Pos
14759	0400	Main Office	1	3	Door	Wood	Satisfactory	4.204 K	0.000 X	0		Pos
14760	0400	Main Office	1	3	Window Sill	Wood	Satisfactory	3.178 K	0.000 X	0		Pos
14762	0400	Main Office	1	4	Cabinet	Wood	Satisfactory	4.617 K	0.000 X	0		Pos
14763	0400	Main Office	1	3	Window Sill	Wood	Satisfactory	3.160 K	0.000 X	0		Pos
14765	0400	Main Office	1	4	Lower Wall	Plaster	Good	1.276 K	0.000 X	0		Pos
14778	0400	Auditorium	1	3	Ent Dr Frm	Wood	Satisfactory	1.301 K	0.000 X	0		Pos
14780	0400	Auditorium	1	3	Entry Door	Wood	Satisfactory	1.097 K	0.000 X	0		Pos
14788	0400	Auditorium	1	2	Door Frame	Wood	Satisfactory	2.133 K	0.000 X	0		Pos
14790	0400	Auditorium	1	2	Door Frame	Wood	Satisfactory	1.463 K	0.000 X	0		Pos
14792	0400	Auditorium	1	3	Ent Dr Frm	Wood	Satisfactory	2.532 K	0.000 X	0		Pos
14796	0400	Exterior	1	1	Exterior Wall	Plaster	Good	2.709 K	0.000 X	0		Pos

Confirmed Positives

Customer: San Diego Unified School District

Project Name: Franklin School
San Diego

Site Name: Administation / Cafeteria

Lab 1.000 mg /cm2
Action Level 1.000

Total Assays Reported 30

#	Site	Room Tested	#	Wall	Component	Substrate	Paint Condition	K-Shell mg/cm2	L-Shell mg/cm2	Map #	Lab	Result
14797	0400	Exterior	1	1	Exterior Wall	Plaster	Good	2.442 K	0.000 X	0		Pos
14798	0400	Exterior	1	1	Exterior Wall	Plaster	Good	5.104 K	0.000 X	0		Pos
14799	0400	Exterior	1	1	Exterior Wall	Plaster	Good	3.398 K	0.000 X	0		Pos
14802	0400	Exterior	1	4	Exterior Wall	Plaster	Good	2.069 K	0.000 X	0		Pos
14803	0400	Exterior	1	3	Exterior Wall	Plaster	Good	1.720 K	0.000 X	0		Pos
14804	0400	Exterior	1	3	Exterior Wall	Plaster	Good	2.249 K	0.000 X	0		Pos
14805	0400	Exterior	1	2	Window Sill	Wood	Satisfactory	5.333 K	0.000 X	0		Pos
14806	0400	Exterior	1	2	Window Sill	Wood	Satisfactory	5.516 K	0.000 X	0		Pos
14807	0400	Exterior	1	2	Window Casing	Wood	Poor	4.782 K	0.000 X	0		Pos
14809	0400	Exterior	1	2	Exterior Wall	Plaster	Good	4.696 K	0.000 X	0		Pos

XRF RESULTS

XRF ASSAY DATA

Customer: San Diego Unified School District

Project Name: Franklin School
San Diego

Site Name: Classrooms 1-6

Lab 1.000 mg /cm2

Action Level 1.000

Total Assays Reported 49

#	Site	Room Tested	#	Wall	Component	Substrate	Paint Condition	K-Shell mg/cm2	L-Shell mg/cm2	Map #	Type	Result
14599	0100	Classroom 2	1	1	Ent Dr Frm	Wood	Satisfactory	6.172 K	0.000 X	0	UNLM	Pos
14600	0100	Classroom 2	1	1	Entry Door	Wood	Satisfactory	4.532 K	0.000 X	0	UNLM	Pos
14601	0100	Classroom 2	1	1	Lower Wall	Plaster	Good	4.468 K	0.000 X	0	UNLM	Pos
14602	0100	Classroom 2	1	1	Baseboard	Wood	Satisfactory	7.406 K	0.000 X	0	UNLM	Pos
14603	0100	Classroom 2	1	2	Door Frame	Wood	Satisfactory	7.529 K	0.000 X	0	UNLM	Pos
14604	0100	Classroom 2	1	3	Cabinet	Wood	Satisfactory	7.292 K	0.000 X	0	UNLM	Pos
14605	0100	Classroom 2	1	2	Shelf	Wood	Satisfactory	1.178 K	0.000 X	0	UNLM	Incl
14606	0100	Classroom 2	1	2	Shelf	Wood	Satisfactory	7.530 K	0.000 X	0	UNLM	Pos
14607	0100	Classroom 2	1	3	Sink Cabinet	Wood	Satisfactory	7.515 K	0.000 X	0	UNLM	Pos
14608	0100	Classroom 2	1	3	Window Sill	Wood	Satisfactory	7.529 K	0.000 X	0	UNLM	Pos
14609	0100	Classroom 2	1	3	Window Sill	Wood	Satisfactory	7.462 K	0.000 X	0	UNLM	Pos
14610	0100	Classroom 2	1	3	Window Sill	Wood	Satisfactory	7.302 K	0.000 X	0	UNLM	Pos
14611	0100	Classroom 2	1	4	Lower Wall	Plaster	Good	4.888 K	0.000 X	0	UNLM	Pos
14612	0100	Classroom 5	1	1	Ent Dr Frm	Wood	Satisfactory	8.594 K	0.000 X	0	UNLM	Pos
14613	0100	Classroom 5	1	1	Entry Door	Wood	Satisfactory	4.916 K	0.000 X	0	UNLM	Pos
14614	0100	Classroom 5	1	1	Lower Wall	Plaster	Good	0.306 K	0.000 X	0	UNLM	Neg
14615	0100	Classroom 5	1	1	Lower Wall	Plaster	Good	3.300 K	0.000 X	0	UNLM	Pos
14616	0100	Classroom 5	1	2	Lower Wall	Plaster	Good	5.187 K	0.000 X	0	UNLM	Pos
14617	0100	Classroom 5	1	2	Door Frame	Wood	Satisfactory	7.389 K	0.000 X	0	UNLM	Pos
14618	0100	Classroom 5	1	2	Cabinet	Wood	Satisfactory	4.676 K	0.000 X	0	UNLM	Pos

XRF ASSAY DATA

Customer: San Diego Unified School District

Project Name: Franklin School
San Diego

Site Name: Classrooms 1-6

Lab 1.000 mg /cm2

Action Level 1.000

Total Assays Reported 49

#	Site	Room Tested	#	Wall	Component	Substrate	Paint Condition	K-Shell mg/cm2	L-Shell mg/cm2	Map #	Type	Result
14619	0100	Classroom 5	1	2	Baseboard	Wood	Satisfactory	5.818 K	0.000 X	0	UNLM	Pos
14620	0100	Classroom 5	1	2	Baseboard	Wood	Satisfactory	6.485 K	0.000 X	0	UNLM	Pos
14621	0100	Classroom 5	1	3	Sink Cabinet	Wood	Satisfactory	4.560 K	0.000 X	0	UNLM	Pos
14622	0100	Classroom 5	1	3	Window Sill	Wood	Satisfactory	9.260 K	0.000 X	0	UNLM	Pos
14623	0100	Classroom 5	1	3	Window Sill	Wood	Satisfactory	9.011 K	0.000 X	0	UNLM	Pos
14624	0100	Classroom 5	1	3	Cabinet	Wood	Satisfactory	4.719 K	0.000 X	0	UNLM	Pos
14625	0100	Classroom 5	1	4	Lower Wall	Plaster	Good	5.826 K	0.000 X	0	UNLM	Pos
14626	0100	Hallway	1	1	Ent Dr Frm	Wood	Satisfactory	7.504 K	0.000 X	0	UNLM	Pos
14627	0100	Hallway	1	1	Entry Door	Wood	Satisfactory	3.281 K	0.000 X	0	UNLM	Pos
14628	0100	Hallway	1	1	Lower Wall	Plaster	Good	3.086 K	0.000 X	0	UNLM	Pos
14629	0100	Hallway	1	2	Ent Dr Frm	Wood	Satisfactory	6.146 K	0.000 X	0	UNLM	Pos
14630	0100	Hallway	1	2	Door	Wood	Satisfactory	4.712 K	0.000 X	0	UNLM	Pos
14631	0100	Hallway	1	3	Lower Wall	Plaster	Good	3.017 K	0.000 X	0	UNLM	Pos
14633	0100	Exterior	1	1	Exterior Wall	Plaster	Good	0.000 X	0.000 X	0	ID	
14634	0100	Exterior	1	1	Exterior Wall	Plaster	Good	0.024 K	0.000 X	0	UNLM	Neg
14635	0100	Exterior	1	1	Exterior Wall	Plaster	Good	-0.852 K	0.000 X	0	UNLM	Neg
14636	0100	Exterior	1	2	Window Casing	Wood	Poor	9.279 K	0.000 X	0	UNLM	Pos
14637	0100	Exterior	1	2	Window Casing	Wood	Poor	5.849 K	0.000 X	0	UNLM	Pos
14638	0100	Exterior	1	2	Window Casing	Wood	Poor	8.895 K	0.000 X	0	UNLM	Pos
14639	0100	Exterior	1	2	Window Sill	Wood	Satisfactory	8.841 K	0.000 X	0	UNLM	Pos

XRF ASSAY DATA

Customer: San Diego Unified School District

Project Name: Franklin School
San Diego

Site Name: Classrooms 1-6

Lab 1.000 mg /cm2

Action Level 1.000

Total Assays Reported 49

#	Site	Room Tested	#	Wall	Component	Substrate	Paint Condition	K-Shell mg/cm2	L-Shell mg/cm2	Map #	Type	Result
14640	0100	Exterior	1	2	Window Sill	Wood	Satisfactory	7.613 K	0.000 X	0	UNLM	Pos
14641	0100	Exterior	1	2	Window Sill	Wood	Satisfactory	6.664 K	0.000 X	0	UNLM	Pos
14642	0100	Exterior	1	4	Exterior Wall	Plaster	Good	-1.039 K	0.000 X	0	UNLM	Neg
14643	0100	Exterior	1	4	Exterior Wall	Plaster	Good	0.292 K	0.000 X	0	UNLM	Neg
14644	0100	Exterior	1	4	Window Sill	Wood	Satisfactory	8.859 K	0.000 X	0	UNLM	Pos
14645	0100	Exterior	1	4	Window Sill	Wood	Satisfactory	6.741 K	0.000 X	0	UNLM	Pos
14646	0100	Exterior	1	4	Window Sill	Wood	Satisfactory	2.641 K	0.000 X	0	UNLM	Pos
14647	0100	Exterior	1	3	Column, Steel	Wood	Satisfactory	0.478 K	0.000 X	0	UNLM	Neg
14648	0100	Exterior	1	3	Column, Steel	Wood	Satisfactory	5.103 K	0.000 X	0	UNLM	Pos

XRF ASSAY DATA

Customer: San Diego Unified School District

Project Name: Franklin School
San Diego

Site Name: Classrooms 7-12

Lab 1.000 mg /cm2

Action Level 1.000

Total Assays Reported 46

#	Site	Room Tested	#	Wall	Component	Substrate	Paint Condition	K-Shell mg/cm2	L-Shell mg/cm2	Map #	Type	Result
14651	0200	Classroom 8	1	1	Ent Dr Frm	Wood	Satisfactory	2.386 K	0.000 X	0	UNLM	Pos
14652	0200	Classroom 8	1	1	Entry Door	Wood	Satisfactory	3.283 K	0.000 X	0	UNLM	Pos
14653	0200	Classroom 8	1	1	Lower Wall	Plaster	Good	-0.018 K	0.000 X	0	UNLM	Neg
14654	0200	Classroom 8	1	1	Lower Wall	Plaster	Good	-0.930 K	0.000 X	0	UNLM	Neg
14655	0200	Classroom 8	1	2	Lower Wall	Plaster	Good	-0.314 K	0.000 X	0	UNLM	Neg
14656	0200	Classroom 8	1	2	Cabinet	Wood	Satisfactory	1.805 K	0.000 X	0	UNLM	Pos
14657	0200	Classroom 8	1	3	Sink Cabinet	Wood	Satisfactory	0.287 K	0.000 X	0	UNLM	Neg
14658	0200	Classroom 8	1	3	Window Sill	Wood	Satisfactory	6.728 K	0.000 X	0	UNLM	Pos
14659	0200	Classroom 8	1	3	Window Sill	Wood	Satisfactory	2.897 K	0.000 X	0	UNLM	Pos
14660	0200	Classroom 8	1	4	Lower Wall	Plaster	Good	2.161 K	0.000 X	0	UNLM	Pos
14661	0200	Classroom 8	1	4	Lower Wall	Plaster	Good	1.913 K	0.000 X	0	UNLM	Pos
14662	0200	Classroom 11	1	1	Ent Dr Frm	Wood	Satisfactory	2.014 K	0.000 X	0	UNLM	Pos
14663	0200	Classroom 11	1	1	Entry Door	Wood	Satisfactory	3.190 K	0.000 X	0	UNLM	Pos
14664	0200	Classroom 11	1	1	Lower Wall	Plaster	Good	0.750 K	0.000 X	0	UNLM	Incl
14665	0200	Classroom 11	1	1	Lower Wall	Plaster	Good	8.933 K	0.000 X	0	UNLM	Pos
14666	0200	Classroom 11	1	2	Cabinet	Wood	Satisfactory	0.913 K	0.000 X	0	UNLM	Incl
14667	0200	Classroom 11	1	2	Cabinet	Wood	Satisfactory	8.458 K	0.000 X	0	UNLM	Pos
14668	0200	Classroom 11	1	1	Entry Door	Wood	Satisfactory	2.795 K	0.000 X	0	UNLM	Pos
14669	0200	Classroom 11	1	3	Sink Cabinet	Wood	Satisfactory	0.464 K	0.000 X	0	UNLM	Neg
14670	0200	Classroom 11	1	3	Window Sill	Wood	Satisfactory	5.648 K	0.000 X	0	UNLM	Pos

XRF ASSAY DATA

Customer: San Diego Unified School District

Project Name: Franklin School
San Diego

Site Name: Classrooms 7-12

Lab 1.000 mg /cm2
Action Level 1.000

Total Assays Reported 46

#	Site	Room Tested	#	Wall	Component	Substrate	Paint Condition	K-Shell mg/cm2	L-Shell mg/cm2	Map #	Type	Result
14671	0200	Classroom 11	1	3	Window Sill	Wood	Satisfactory	6.430 K	0.000 X	0	UNLM	Pos
14672	0200	Classroom 11	1	4	Lower Wall	Plaster	Good	5.188 K	0.000 X	0	UNLM	Pos
14674	0200	Classroom 11	1	1	Entry Door	Wood	Satisfactory	2.821 K	0.000 X	0	UNLM	Pos
14675	0200	Classroom 11	1	1	Lower Wall	Plaster	Good	1.156 K	0.000 X	0	UNLM	Incl
14676	0200	Classroom 11	1	1	Lower Wall	Plaster	Good	2.826 K	0.000 X	0	UNLM	Pos
14677	0200	Classroom 11	1	2	Lower Wall	Plaster	Good	0.112 K	0.000 X	0	UNLM	Neg
14678	0200	Classroom 11	1	2	Door Frame	Wood	Satisfactory	5.394 K	0.000 X	0	UNLM	Pos
14679	0200	Classroom 11	1	2	Door	Wood	Satisfactory	3.560 K	0.000 X	0	UNLM	Pos
14680	0200	Bathroom	1	1	Ent Dr Frm	Wood	Satisfactory	3.930 K	0.000 X	0	UNLM	Pos
14681	0200	Bathroom	1	1	Entry Door	Wood	Satisfactory	0.274 K	0.000 X	0	UNLM	Neg
14682	0200	Bathroom	1	1	Entry Door	Wood	Satisfactory	3.380 K	0.000 X	0	UNLM	Pos
14683	0200	Bathroom	1	1	Lower Wall	Plaster	Good	0.388 K	0.000 X	0	UNLM	Neg
14684	0200	Bathroom	1	2	Lower Wall	Plaster	Good	2.127 K	0.000 X	0	UNLM	Pos
14685	0200	Bathroom	1	3	Lower Wall	Plaster	Good	0.050 K	0.000 X	0	UNLM	Neg
14686	0200	Exterior	1	1	Ent Dr Frm	Wood	Satisfactory	5.924 K	0.000 X	0	UNLM	Pos
14687	0200	Exterior	1	1	Entry Door	Wood	Satisfactory	3.816 K	0.000 X	0	UNLM	Pos
14688	0200	Exterior	1	1	Exterior Wall	Plaster	Good	-0.174 K	0.000 X	0	UNLM	Neg
14689	0200	Exterior	1	2	Exterior Wall	Plaster	Good	-0.086 K	0.000 X	0	UNLM	Neg
14690	0200	Exterior	1	2	Window Sill	Wood	Poor	9.947 K	0.000 X	0	UNLM	Pos
14691	0200	Exterior	1	2	Window Sill	Wood	Poor	6.857 K	0.000 X	0	UNLM	Pos

XRF ASSAY DATA

Customer: San Diego Unified School District

Project Name: Franklin School
San Diego

Site Name: Classrooms 7-12

Lab 1.000 mg /cm2

Action Level 1.000

Total Assays Reported 46

#	Site	Room Tested	#	Wall	Component	Substrate	Paint Condition	K-Shell mg/cm2		L-Shell mg/cm2		Map #	Type	Result
14692	0200	Exterior	1	2	Window Casing	Wood	Poor	9.205	K	0.000	X	0	UNLM	Pos
14693	0200	Exterior	1	2	Window Casing	Wood	Poor	6.808	K	0.000	X	0	UNLM	Pos
14694	0200	Exterior	1	3	Window Sill	Wood	Satisfactory	12.132	K	0.000	X	0	UNLM	Pos
14695	0200	Exterior	1	3	Window Sill	Wood	Satisfactory	11.993	K	0.000	X	0	UNLM	Pos
14696	0200	Exterior	1	2	Column, Steel	Metal	Good	-0.240	K	0.000	X	0	UNLM	Neg
14697	0200	Exterior	1	2	Column, Steel	Metal	Good	0.657	K	0.000	X	0	UNLM	Neg

XRF ASSAY DATA

Customer: San Diego Unified School District

Project Name: Franklin School
San Diego

Site Name: Classrooms 14-18

Lab 1.000 mg /cm2

Action Level 1.000

Total Assays Reported 39

#	Site	Room Tested	#	Wall	Component	Substrate	Paint Condition	K-Shell mg/cm2	L-Shell mg/cm2	Map #	Type	Result
14700	0300	Classroom 15	1	1	Ent Dr Frm	Wood	Satisfactory	6.047 K	0.000 X	0	UNLM	Pos
14701	0300	Classroom 15	1	1	Entry Door	Wood	Satisfactory	-0.493 K	0.000 X	0	UNLM	Neg
14702	0300	Classroom 15	1	1	Entry Door	Wood	Satisfactory	5.603 K	0.000 X	0	UNLM	Pos
14703	0300	Classroom 15	1	1	Window Sill	Wood	Satisfactory	6.533 K	0.000 X	0	UNLM	Pos
14704	0300	Classroom 15	1	1	Lower Wall	Plaster	Good	0.465 K	0.000 X	0	UNLM	Incl
14705	0300	Classroom 15	1	1	Lower Wall	Plaster	Good	3.975 K	0.000 X	0	UNLM	Pos
14706	0300	Classroom 15	1	1	Baseboard	Wood	Satisfactory	4.230 K	0.000 X	0	UNLM	Pos
14707	0300	Classroom 15	1	1	Cabinet	Wood	Satisfactory	0.246 K	0.000 X	0	UNLM	Neg
14708	0300	Classroom 15	1	1	Cabinet	Wood	Satisfactory	-0.120 K	0.000 X	0	UNLM	Neg
14709	0300	Classroom 15	1	2	Cabinet	Wood	Satisfactory	6.872 K	0.000 X	0	UNLM	Pos
14710	0300	Classroom 15	1	2	Cabinet	Wood	Satisfactory	5.262 K	0.000 X	0	UNLM	Pos
14711	0300	Classroom 15	1	2	Cabinet	Wood	Satisfactory	4.042 K	0.000 X	0	UNLM	Pos
14712	0300	Classroom 15	1	3	Lower Wall	Plaster	Good	-0.809 K	0.000 X	0	UNLM	Neg
14713	0300	Classroom 15	1	3	Window Sill	Wood	Satisfactory	4.441 K	0.000 X	0	UNLM	Pos
14714	0300	Classroom 15	1	3	Window Sill	Wood	Satisfactory	3.286 K	0.000 X	0	UNLM	Pos
14715	0300	Exterior	1	1	Ent Dr Frm	Wood	Satisfactory	7.336 K	0.000 X	0	UNLM	Pos
14716	0300	Exterior	1	1	Entry Door	Wood	Satisfactory	-0.992 K	0.000 X	0	UNLM	Neg
14717	0300	Exterior	1	1	Entry Door	Wood	Satisfactory	8.536 K	0.000 X	0	UNLM	Pos
14718	0300	Exterior	1	1	Window Casing	Wood	Satisfactory	10.031 K	0.000 X	0	UNLM	Pos
14719	0300	Exterior	1	1	Window Casing	Wood	Satisfactory	7.072 K	0.000 X	0	UNLM	Pos

XRF ASSAY DATA

Customer: San Diego Unified School District

Project Name: Franklin School
San Diego

Site Name: Classrooms 14-18

Lab 1.000 mg /cm2
Action Level 1.000

Total Assays Reported 39

#	Site	Room Tested	#	Wall	Component	Substrate	Paint Condition	K-Shell mg/cm2		L-Shell mg/cm2		Map #	Type	Result
14720	0300	Exterior	1	1	Lower Wall	Plaster	Good	-0.632	K	0.000	X	0	UNLM	Neg
14721	0300	Exterior	1	1	Lower Wall	Plaster	Good	0.390	K	0.000	X	0	UNLM	Neg
14722	0300	Exterior	1	1	Column, Steel	Wood	Satisfactory	8.382	K	0.000	X	0	UNLM	Pos
14723	0300	Exterior	1	1	Column, Steel	Wood	Satisfactory	8.470	K	0.000	X	0	UNLM	Pos
14724	0300	Exterior	1	1	Column, Steel	Wood	Satisfactory	6.773	K	0.000	X	0	UNLM	Pos
14725	0300	Exterior	1	1	Column, Steel	Wood	Satisfactory	5.579	K	0.000	X	0	UNLM	Pos
14726	0300	Exterior	1	1	Walkway	Wood	Poor	2.488	K	0.000	X	0	UNLM	Pos
14727	0300	Exterior	1	1	Walkway	Wood	Poor	2.931	K	0.000	X	0	UNLM	Pos
14728	0300	Exterior	1	1	Walkway	Wood	Poor	2.666	K	0.000	X	0	UNLM	Pos
14729	0300	Exterior	1	1	Walkway	Wood	Poor	2.620	K	0.000	X	0	UNLM	Pos
14730	0300	Exterior	1	1	Walkway	Wood	Poor	3.791	K	0.000	X	0	UNLM	Pos
14731	0300	Exterior	1	2	Ent Dr Frm	Wood	Poor	9.556	K	0.000	X	0	UNLM	Pos
14732	0300	Exterior	1	2	Entry Door	Wood	Satisfactory	0.156	K	0.000	X	0	UNLM	Neg
14733	0300	Exterior	1	2	Entry Door	Wood	Satisfactory	6.945	K	0.000	X	0	UNLM	Pos
14734	0300	Exterior	1	2	Exterior Wall	Plaster	Good	-0.120	K	0.000	X	0	UNLM	Neg
14735	0300	Exterior	1	3	Window Sill	Wood	Satisfactory	6.643	K	0.000	X	0	UNLM	Pos
14736	0300	Exterior	1	3	Window Sill	Wood	Satisfactory	6.929	K	0.000	X	0	UNLM	Pos
14737	0300	Exterior	1	3	Window Sill	Wood	Satisfactory	4.823	K	0.000	X	0	UNLM	Pos
14738	0300	Exterior	1	3	Window Sill	Wood	Satisfactory	3.904	K	0.000	X	0	UNLM	Pos

XRF ASSAY DATA

Customer: San Diego Unified School District

Project Name: Franklin School
San Diego

Site Name: Administation / Cafeteria

Lab 1.000 mg /cm2
Action Level 1.000

Total Assays Reported 67

#	Site	Room Tested	#	Wall	Component	Substrate	Paint Condition	K-Shell mg/cm2	L-Shell mg/cm2	Map #	Type	Result
14741	0400	Main Office	1	1	Ent Dr Frm	Wood	Satisfactory	0.773 K	0.000 X	0	UNLM	Neg
14742	0400	Main Office	1	1	Entry Door	Wood	Satisfactory	0.566 K	0.000 X	0	UNLM	Neg
14743	0400	Main Office	1	1	Lower Wall	Plaster	Good	0.995 K	0.000 X	0	UNLM	Incl
14744	0400	Main Office	1	1	Lower Wall	Plaster	Good	0.376 K	0.000 X	0	UNLM	Neg
14745	0400	Main Office	1	1	Cabinet	Wood	Satisfactory	0.788 K	0.000 X	0	UNLM	Neg
14746	0400	Main Office	1	1	Cabinet	Wood	Satisfactory	1.395 K	0.000 X	0	UNLM	Pos
14747	0400	Main Office	1	2	Window Sill	Wood	Satisfactory	3.260 K	0.000 X	0	UNLM	Pos
14748	0400	Main Office	1	2	Window Sill	Wood	Satisfactory	2.306 K	0.000 X	0	UNLM	Pos
14749	0400	Main Office	1	1	Baseboard	Wood	Satisfactory	-0.493 K	0.000 X	0	UNLM	Neg
14750	0400	Main Office	1	2	Door Frame	Wood	Satisfactory	4.532 K	0.000 X	0	UNLM	Pos
14751	0400	Main Office	1	2	Door	Wood	Satisfactory	2.722 K	0.000 X	0	UNLM	Pos
14752	0400	Main Office	1	2	Door Frame	Wood	Satisfactory	3.944 K	0.000 X	0	UNLM	Pos
14753	0400	Main Office	1	2	Door	Wood	Satisfactory	0.427 K	0.000 X	0	UNLM	Incl
14754	0400	Main Office	1	2	Door	Wood	Satisfactory	4.015 K	0.000 X	0	UNLM	Pos
14755	0400	Main Office	1	2	Window Sill	Wood	Satisfactory	1.784 K	0.000 X	0	UNLM	Pos
14756	0400	Main Office	1	2	Cabinet	Wood	Satisfactory	0.685 K	0.000 X	0	UNLM	Neg
14757	0400	Main Office	1	3	Door Frame	Wood	Satisfactory	0.929 K	0.000 X	0	UNLM	Incl
14758	0400	Main Office	1	3	Door Frame	Wood	Satisfactory	3.056 K	0.000 X	0	UNLM	Pos
14759	0400	Main Office	1	3	Door	Wood	Satisfactory	4.204 K	0.000 X	0	UNLM	Pos
14760	0400	Main Office	1	3	Window Sill	Wood	Satisfactory	3.178 K	0.000 X	0	UNLM	Pos

XRF ASSAY DATA

Customer: San Diego Unified School District

Project Name: Franklin School
San Diego

Site Name: Administation / Cafeteria

Lab 1.000 mg /cm2

Action Level 1.000

Total Assays Reported 67

#	Site	Room Tested	#	Wall	Component	Substrate	Paint Condition	K-Shell mg/cm2	L-Shell mg/cm2	Map #	Type	Result
14761	0400	Main Office	1	4	Cabinet	Wood	Satisfactory	0.688 K	0.000 X	0	UNLM	Incl
14762	0400	Main Office	1	4	Cabinet	Wood	Satisfactory	4.617 K	0.000 X	0	UNLM	Pos
14763	0400	Main Office	1	3	Window Sill	Wood	Satisfactory	3.160 K	0.000 X	0	UNLM	Pos
14764	0400	Main Office	1	4	Lower Wall	Plaster	Good	0.975 K	0.000 X	0	UNLM	Incl
14765	0400	Main Office	1	4	Lower Wall	Plaster	Good	1.276 K	0.000 X	0	UNLM	Pos
14766	0400	Main Office	1	4	Lower Wall	Plaster	Good	-0.022 K	0.000 X	0	UNLM	Neg
14767	0400	Auditorium	1	1	Ent Dr Frm	Wood	Satisfactory	-1.340 K	0.000 X	0	UNLM	Neg
14768	0400	Auditorium	1	1	Ent Dr Frm	Wood	Satisfactory	-0.183 K	0.000 X	0	UNLM	Neg
14769	0400	Auditorium	1	1	Entry Door	Wood	Satisfactory	0.618 K	0.000 X	0	UNLM	Neg
14770	0400	Auditorium	1	1	Molding, Wood	Wood	Satisfactory	-0.437 K	0.000 X	0	UNLM	Neg
14771	0400	Auditorium	1	1	Lower Wall	Plaster	Good	0.359 K	0.000 X	0	UNLM	Neg
14772	0400	Auditorium	1	1	Baseboard	Wood	Satisfactory	0.561 K	0.000 X	0	UNLM	Neg
14773	0400	Auditorium	1	3	Lower Wall	Wood	Poor	0.618 K	0.000 X	0	UNLM	Incl
14774	0400	Auditorium	1	3	Lower Wall	Wood	Poor	0.916 K	0.000 X	0	UNLM	Incl
14775	0400	Auditorium	1	3	Lower Wall	Wood	Poor	0.411 K	0.000 X	0	UNLM	Neg
14776	0400	Auditorium	1	3	Lower Wall	Plaster	Good	-0.012 K	0.000 X	0	UNLM	Neg
14777	0400	Auditorium	1	3	Ent Dr Frm	Wood	Satisfactory	1.075 K	0.000 X	0	UNLM	Incl
14778	0400	Auditorium	1	3	Ent Dr Frm	Wood	Satisfactory	1.301 K	0.000 X	0	UNLM	Pos
14779	0400	Auditorium	1	3	Entry Door	Wood	Satisfactory	0.687 K	0.000 X	0	UNLM	Incl
14780	0400	Auditorium	1	3	Entry Door	Wood	Satisfactory	1.097 K	0.000 X	0	UNLM	Pos

XRF ASSAY DATA

Customer: San Diego Unified School District

Project Name: Franklin School
San Diego

Site Name: Administation / Cafeteria

Lab 1.000 mg /cm2
Action Level 1.000

Total Assays Reported 67

#	Site	Room Tested	#	Wall	Component	Substrate	Paint Condition	K-Shell mg/cm2	L-Shell mg/cm2	Map #	Type	Result
14781	0400	Auditorium	1	4	Stage	Wood	Satisfactory	0.855 K	0.000 X	0	UNLM	Incl
14782	0400	Auditorium	1	4	Stage	Wood	Satisfactory	0.989 K	0.000 X	0	UNLM	Incl
14783	0400	Auditorium	1	4	Stage	Wood	Satisfactory	0.735 K	0.000 X	0	UNLM	Incl
14784	0400	Auditorium	1	4	Stage	Wood	Satisfactory	-0.368 K	0.000 X	0	UNLM	Neg
14786	0400	Auditorium	1	1	Entry Door	Wood	Satisfactory	0.438 K	0.000 X	0	UNLM	Neg
14787	0400	Auditorium	1	1	Lower Wall	Plaster	Good	-0.544 K	0.000 X	0	UNLM	Neg
14788	0400	Auditorium	1	2	Door Frame	Wood	Satisfactory	2.133 K	0.000 X	0	UNLM	Pos
14789	0400	Auditorium	1	2	Door	Wood	Satisfactory	-0.204 K	0.000 X	0	UNLM	Neg
14790	0400	Auditorium	1	2	Door Frame	Wood	Satisfactory	1.463 K	0.000 X	0	UNLM	Pos
14791	0400	Auditorium	1	2	Stair Handrail	Metal	Poor	0.313 K	0.000 X	0	UNLM	Neg
14792	0400	Auditorium	1	3	Ent Dr Frm	Wood	Satisfactory	2.532 K	0.000 X	0	UNLM	Pos
14793	0400	Auditorium	1	3	Entry Door	Wood	Poor	1.573 K	0.000 X	0	UNLM	Incl
14794	0400	Auditorium	1	4	Lower Wall	Plaster	Good	0.616 K	0.000 X	0	UNLM	Neg
14796	0400	Exterior	1	1	Exterior Wall	Plaster	Good	2.709 K	0.000 X	0	UNLM	Pos
14797	0400	Exterior	1	1	Exterior Wall	Plaster	Good	2.442 K	0.000 X	0	UNLM	Pos
14798	0400	Exterior	1	1	Exterior Wall	Plaster	Good	5.104 K	0.000 X	0	UNLM	Pos
14799	0400	Exterior	1	1	Exterior Wall	Plaster	Good	3.398 K	0.000 X	0	UNLM	Pos
14800	0400	Exterior	1	4	Exterior Wall	Plaster	Good	-0.446 K	0.000 X	0	UNLM	Neg
14801	0400	Exterior	1	4	Exterior Wall	Plaster	Good	0.522 K	0.000 X	0	UNLM	Incl
14802	0400	Exterior	1	4	Exterior Wall	Plaster	Good	2.069 K	0.000 X	0	UNLM	Pos

XRF ASSAY DATA

Customer: San Diego Unified School District

Project Name: Franklin School
San Diego

Site Name: Administation / Cafeteria

Lab 1.000 mg /cm2

Action Level 1.000

Total Assays Reported 67

#	Site	Room Tested	#	Wall	Component	Substrate	Paint Condition	K-Shell mg/cm2	L-Shell mg/cm2	Map #	Type	Result
14803	0400	Exterior	1	3	Exterior Wall	Plaster	Good	1.720 K	0.000 X	0	UNLM	Pos
14804	0400	Exterior	1	3	Exterior Wall	Plaster	Good	2.249 K	0.000 X	0	UNLM	Pos
14805	0400	Exterior	1	2	Window Sill	Wood	Satisfactory	5.333 K	0.000 X	0	UNLM	Pos
14806	0400	Exterior	1	2	Window Sill	Wood	Satisfactory	5.516 K	0.000 X	0	UNLM	Pos
14807	0400	Exterior	1	2	Window Casing	Wood	Poor	4.782 K	0.000 X	0	UNLM	Pos
14808	0400	Exterior	1	2	Exterior Wall	Plaster	Good	-1.172 K	0.000 X	0	UNLM	Neg
14809	0400	Exterior	1	2	Exterior Wall	Plaster	Good	4.696 K	0.000 X	0	UNLM	Pos

XRF ASSAY DATA

Customer: San Diego Unified School District

Project Name: Franklin School
San Diego

Site Name: Bungalows

Lab 1.000 mg /cm2
Action Level 1.000

Total Assays Reported 21

#	Site	Room Tested	#	Wall	Component	Substrate	Paint Condition	K-Shell mg/cm2	L-Shell mg/cm2	Map #	Type	Result
14812	0500	B-1	1	1	Ent Dr Frm	Wood	Satisfactory	0.000 X	0.000 X	0	ID	
14813	0500	B-1	1	1	Ent Dr Frm	Wood	Satisfactory	0.115 K	0.000 X	0	UNLM	Neg
14814	0500	B-1	1	1	Entry Door	Wood	Stain Varnish	-0.333 K	0.000 X	0	UNLM	Neg
14815	0500	B-1	1	3	Window Casing	Wood	Satisfactory	0.481 K	0.000 X	0	UNLM	Neg
14816	0500	B-1	1	1	Window Casing	Wood	Satisfactory	0.022 K	0.000 X	0	UNLM	Neg
14817	0500	Exterior	1	1	Ent Dr Frm	Wood	Satisfactory	0.587 K	0.000 X	0	UNLM	Neg
14818	0500	Exterior	1	1	Entry Door	Wood	Satisfactory	0.889 K	0.000 X	0	UNLM	Incl
14819	0500	Exterior	1	1	Entry Door	Wood	Satisfactory	0.387 K	0.000 X	0	UNLM	Neg
14820	0500	Exterior	1	1	Exterior Wall	Plaster	Good	0.084 K	0.000 X	0	UNLM	Neg
14821	0500	Exterior	1	1	Bldg. Skirt	Wood	Satisfactory	0.680 K	0.000 X	0	UNLM	Neg
14822	0500	Exterior	1	1	Stair Handrail	Wood	Good	0.511 K	0.000 X	0	UNLM	Neg
14823	0500	B-8	1	1	Ent Dr Frm	Wood	Satisfactory	-0.594 K	0.000 X	0	UNLM	Neg
14824	0500	B-8	1	1	Entry Door	Wood	Satisfactory	0.282 K	0.000 X	0	UNLM	Neg
14825	0500	B-8	1	1	Window Sill	Wood	Satisfactory	0.894 K	0.000 X	0	UNLM	Incl
14826	0500	B-8	1	1	Window Sill	Wood	Satisfactory	-0.104 K	0.000 X	0	UNLM	Neg
14827	0500	B-8	1	1	Lower Wall	Sheetrk	Good	0.373 K	0.000 X	0	UNLM	Neg
14828	0500	Exterior	1	1	Ent Dr Frm	Wood	Satisfactory	-0.714 K	0.000 X	0	UNLM	Neg
14829	0500	Exterior	1	1	Entry Door	Wood	Satisfactory	0.143 K	0.000 X	0	UNLM	Neg
14830	0500	Exterior	1	1	Exterior Wall	Plaster	Good	0.068 K	0.000 X	0	UNLM	Neg
14831	0500	Exterior	1	1	Bldg. Skirt	Wood	Satisfactory	-0.294 K	0.000 X	0	UNLM	Neg

XRF ASSAY DATA

Customer: San Diego Unified School District

Project Name: Franklin School
San Diego

Site Name: Bungalows

Lab 1.000 mg /cm2

Action Level 1.000

Total Assays Reported 21

#	Site	Room Tested	#	Wall	Component	Substrate	Paint Condition	K-Shell mg/cm2		L-Shell mg/cm2		Map #	Type	Result
14832	**0500**	**Exterior**	**1**	**4**	**Exterior Wall**	**Plaster**	**Good**	**0.241**	**K**	**0.000**	**X**	**0**	**UNLM**	**Neg**

LAB RESULTS

159 Pasadena Avenue
South Pasadena, CA 91030
Phone (800) 303-0047 Fax (323) 254-9982

LA TESTING

JMR Environmental Servicea Inc.
3491 Kurtz Street
San Diego, CA 92110

Date Analyzed: May 1, 1999

Reference Number: PS991666
Attention: Jaimee Brown

Atomic Absorption Spectrometry (AAS)
Lead (Pb) in Paint Samples
Method EPA SW846-3050-7420

Project: 1-11, Franklin

Sample ID	Sample Weight g	Volume ml	Dilution Factor	Concentration mg/l	Results	
					mg/kg (ppm)	% weight
1	0.2416	50	10	10.30	21300	2.130
2	0.1684	50	10	4.56	1350	0.135
3	0.2330	50	10	<0.40	<100	<0.010
4	0.2072	50	10	<0.40	<100	<0.010
5	0.2067	50	10	<0.40	<100	<0.010
6	0.1003	50	10	1.15	573	0.057
7	0.2267	50	10	9.45	2080	0.208
8	0.2235	50	10	1.68	376	0.038
9	0.2017	50	10	<0.40	<100	<0.010
10	0.2316	50	10	10.63	2290	0.229
11	0.2040	50	10	7.93	1940	0.194
12	0.2065	50	1	2.16	523	0.052
13	0.2163	50	25	8.54	49400	4.940
14	0.2014	50	1	12.07	3000	0.300
15	0.2138	50	1	4.74	1110	0.110

mg/kg-milligrams per kilogram
ppm-parts per million

Analyst

Approved Signature

159 Pasadena Avenue
South Pasadena, CA 91030
Phone (800) 303-0047 Fax (323) 254-9982

LA TESTING

Atomic Absorption Spectrometry (AAS)
Lead (Pb) in Paint Samples
Method EPA SW846-3050-7420

Project: 1-11, Franklin

Sample ID	Sample Weight g	Volume ml	Dilution Factor	Concentration mg/l	Results	
					mg/kg (ppm)	% weight
16	0.2097	50	1	10.38	2470	0.247
17	0.2036	2	1	5.66	1390	0.139
18	0.2202	50	1	5.32	1210	0.121
19	0.2022	50	1	6.87	1700	0.170
20	0.2100	50	1	<0.40	<100	<0.010
21	0.2018	50	2	14.63	7250	0.725
22	0.2016	50	1	2.99	742	0.074

mg/kg-milligrams per kilogram
ppm-parts per million

Analyst

Approved Signature

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LEAD CHAIN OF CUSTODY

JMR ENVIRONMENTAL SERVICES INC.
3491 Kurtz Street
San Diego, CA 92110-4430
Tel: (619) 222-0544 Fax: 224-7260

Project Name: Franklin
Job Address:
JMR Job #: 1-11
Collected By & Date: RC 4/28/99

Company Name: [redacted]
Attention: [redacted]
Address:
City, State, Zip:

Phone #:
Fax #:
Client Job #:
Client PO#:

☐ **RUSH (Next Day)** RC 24HR ☐ **Two Days** ☐ **Three Days** ☐ **Normal (5-7 Days)**

Lab #	Sample #	Materials Sampled	Location	Results
	1	Ext. Window Casing	B-9	21300
	2	Int. Door		1350
	3	Int. Door FR.		<100
	4	Int. Wall		<100
	5	Ext. Wall		<100
	6	Int Window Sit		573
	7	BLDG SKirt		2080
	8	Ext. Wall	100 BLDG	376
	9	Ext. Wall	200 BLDG	<100
	10	Int. Wall	Boys RR	2290

Relinquished By: [signature]
Date: Time:

Received By: Donna Nikka via Fed Express
Date: 4/30/99 Time: 9:00 am

Comments: 24HR TAT
Need Results 8:00am Monday

VJ 991666

LEAD CHAIN OF CUSTODY

JMR ENVIRONMENTAL SERVICES INC.
3491 Kurtz Street
San Diego, CA 92110-4430
Tel: (619) 222-0544 Fax: 224-7260

Project Name: Franklin
Job Address:
JMR Job #: 1-11
Collected By & Date: RC 4/28/99

Company Name: [redacted]
Attention: [redacted]
Address:
City, State, Zip:

Phone #:
Fax #:
Client Job #:
Client PO#:

☐ RUSH (Next Day) ~~24HR~~ ☐ Two Days ☐ Three Days ☐ Normal (5-7 Days)

Lab #	Sample #	Materials Sampled	Location	Results
	11	Int. Wall	CR-8	1940
	12	Int. Wall	CR-14	523
	13	Overhead Walkway	300 BLDG	49400
	14	Int Wall	Boys RR	3000
	15	Baseboard	Cafeteria	1110
	16	Folding Doors	↓	2470
	17	Int. Wall	↓	1390
	18	Stage	↓	1210
	19	Int. Wall	Entry Foyer By Main Office	1700
	20	Int. Wall	Main Office	<100

Relinquished By:
Date: Time:

Received By:
Date: Time:

Comments: 24HR TAT

05/01/1999 17:27 1-323-254-9982 LA TESTING PASADENA PAGE 04

P-5 771666

LEAD CHAIN OF CUSTODY

JMR ENVIRONMENTAL SERVICES INC.
3491 Kurtz Street
San Diego, CA 92110-4430
Tel: (619) 222-0544 Fax: 224-7260

Project Name: Franklin
Job Address:
JMR Job #: 1-11
Collected By & Date: RC 4/28/99

Company Name: [redacted]
Attention: [redacted]
Address:
City, State, Zip:

Phone #:
Fax #:
Client Job #:
Client PO#:

☐ RUSH (Next Day) RC 24hr ☐ Two Days ☐ Three Days ☐ Normal (5-7 Days)

Lab #	Sample #	Materials Sampled	Location	Results
	21	Cabinet	Main Office	7250
	22	Ext. Wall	100 BLDG	742

Relinquished By:
Date: Time:

Received By:
Date: Time:

Comments: 24HR TAT

05/01/1999 17:27 1-323-254-9982 LA TESTING PASADENA PAGE 05

CAL/OSHA TITLE 8 CCR 1532.1 SUMMARY

A Summary of Cal/OSHA's Lead in Construction Standard
Title 8, CCR Section 1532.1

NOTE: This standard originally became effective on November 4, 1993, shortly after the federal standard (29 CFR 1926.62). California's standard has since been revised, effective march 7, 1997. The revisions are highlighted by underlining and represent the additional requirements in California. A copy of the complete Cal/OSHA standard, in a reformatted, easier-to-read version, is available from Occupational Lead Poisoning Prevention Program at (510) 540-3448. The federal standard is available from Federal OSHA Publications Office at (415) 744-7112.

(a) Scope

This standard covers all construction work where an employee may be exposed to lead, including metallic lead, inorganic lead compounds, and organic lead soaps, but not organic lead compounds.

(b) Definitions

The Action Level (AL) is 30 $\mu g/m^3$ of airborne lead. Having airborne lead concentrations at or above the AL triggers certain health and safety measures described in this standard.

(c) Permissible Exposure Limit

The 8 hour Permissible Exposure Limit (PEL) is 50 $\mu g/m^3$ f airborne lead. If the work day is longer than 8 hours, the PEL is 400/number of hours worked per day. No employee may be exposed to lead at concentrations over the PEL.

(d) Exposure Assessment

Exposure assessment must be performed in all workplaces where employees may be exposed to lead.

(d)(2) Protection of Employees During Assessment of Exposure

Three sets of specified tasks trigger basic protective provisions where lead in present, until the employer performs an employee exposure assessment (exposure assessment is an initial determination via air monitoring, or a previous monitoring of a similar job within the last 12 months.)

For all three sets of tasks, employers are required to provide the following basic protective provisions until air monitoring indicates exposure levels are at or below the PEL:

- ☐ appropriate respiratory protection (type of respirator is specified according to assumed airborne lead level and requirements of Table 1),
- ☐ appropriate personal protective equipment - clean work clothes at least weekly (daily if > 200 $\mu g/m^3$ in air) - such as coveralls, gloves, hats, shoes or disposable shoe coverlets, face shields, vented goggles or other appropriate equipment,
- ☐ change areas with separate storage facilities for work and street clothes - the employer shall assure that employees do not leave the workplace with work clothes or equipment.
- ☐ hand washing facilities - the employer shall assure that employees wash their hands and face at the end of each work-shift
- ☐ biological monitoring, consisting of initial or baseline blood sampling for lead and zinc protoporphyrin(ZPP)
- ☐ training (includes Hazard Communication, respirator and lead training).

Lowest Exposure Trigger Tasks - Assume exposures > 50 and up to 500 $\mu g/m^3$ unless proven otherwise:

- ☐ where lead coatings or paint are present:
  - ☐ manual demolition of structures
  - ☐ manual scraping
  - ☐ manual sanding
  - ☐ heat gun applications
  - ☐ power tool cleaning with dust collection system
- ☐ spray painting with lead
- ☐ any other task where the employer has reason to believe employees may be exposed over the PEL.

Medium Exposure Trigger Tasks - Assume exposures > 500 and up to 2,500 $\mu g/m^3$ unless proven otherwise:

- ☐ use of lead-containing mortar
- ☐ where lead coatings or paint are present
  - ☐ lead burning
  - ☐ rivet busting
  - ☐ power tool cleaning without dust collection systems
  - ☐ cleanup of dry expendable abrasives
  - ☐ abrasive blasting enclosure movement and removal

Highest Exposure Trigger Tasks - Assume exposures > 2,500 $\mu g/m^3$ unless proven otherwise:

- ☐ where lead coatings or paint are present
  - ☐ abrasive blasting
  - ☐ welding
  - ☐ cutting
  - ☐ torch burning

(d) Exposure Assessment

When air monitoring is conducted, the employer shall collect personal samples representative of a full shift including at least one sample for each job classification in each work area either for each shift or for the shift with the highest exposure level. (For the initial determination, the employer may monitor only those employees expected to have the highest exposure levels.)

(d)(3) Basis of Initial Determination

The basis of initial determination, or initial assessment of employee exposure, will be employee exposure monitoring results and relevant considerations (e.g. complaints) with the following two exceptions:

- where the employer has previously monitored for lead exposures and the data were obtained within the past 12 months during similar workplace operations and conditions, the employer may rely on earlier results; or
- where the employer has objective data, demonstrating that a particular product or material containing lead or specific process, operation or activity involving lead cannot result in an employee exposure to lead ≥ the AL during processing, use or handling, the employer may rely upon such data instead of implementing initial monitoring. Objective data confirming that materials or surface coatings contain less than 0.06% (600 ppm) of lead may be used to demonstrate that employee exposure will not exceed the AL, as long as every unique surface or material has been sampled and analyzed.

Note: Objective data is not permitted to be used for exposure assessment in connection with any of the trigger tasks.

(d)(6) Frequency of Exposure Assessment

If the initial determination is < the AL, no further assessment is needed until there has been a change of equipment, process, control, personnel or a new task has been initiated.

If the initial determinations is at or above the AL but at or below the PEL, then monitoring shall be done at least every six months.

If the initial determination is above the PEL, then monitoring shall be done quarterly.

(d)(8) Employee Notification

Within 5 days after completion of the exposure assessment, the employer shall notify each employee in writing of the results which represent that employee's airborne lead exposure.

(e) Methods of Compliance

Exposures over the PEL shall be reduced through engineering, work practice and administrative controls, to the extent feasible. Respirators may be used to supplement other controls.

Prior to the commencement of any job where exposures may reach the PEL, the employer shall establish and implement a written compliance program, describing the lead-emitting activities and the means by which exposures will be controlled.

Where mechanical ventilation is used, the employer shall evaluate the performance as necessary to maintain effectiveness.

(f) Respiratory Protection

Where respirators are used, they shall be selected on the basis of air monitoring results, with the minimum level of respirator as indicated in Table 1 (or, until monitoring results are available, as determined by the task being performed).

Respirators shall be approved by MSHA/NIOSH for protection against lead dust, fume and mist.

Employees assigned to respirator use must receive a medical determination that they are able to wear a respirator and work safely.

Employers shall perform quantitative or qualitative fit testing of respirators at the time of initial fitting, and at least every 6 months thereafter, for employees wearing negative pressure respirators.

If an employee exhibits difficulty breathing with the respirator, the employer shall make available a medical examination to determine whether the employee can wear a respirator safely while performing the work.

Where respirators are used, the employer shall institute a complete, written respiratory protection program that outlines procedures for selection, use, cleaning, storage and maintenance of respirators.

PAPRs (powered air-purifying respirators) must be provided to any employee who requests one, where a PAPR would provide adequate protection as per Table 1.

(g) Protective Work Clothing and Equipment

When an employee is exposed to lead above the PEL (without regard to respirator use), or to lead compounds which may cause irritation, the employer shall provide and assure the employee uses appropriate protective work clothing, such as coveralls or other full-body work clothing, gloves, hats, shoes or shoe coverings, and face shields, goggles or other protective equipment as needed.

Work clothing shall be provided at least weekly for employees exposed over the PEL, except daily for those exposed at levels higher than 200 $\mu g/m^3$.

The employer shall provide for the cleaning or disposal of protective clothing and equipment. Clothing to be laundered must be placed in a closed container, labeled to indicate it contains lead, and the laundered must be notified of the potentially harmful effects of lead exposure.

Cleaning of protective clothing or equipment by blowing, shaking or any other means that disperses lead into the air is prohibited.

(h) Housekeeping

All surfaces shall be maintained as free as practicable of accumulations of lead.

Vacuums equipped with toxic dust-removing HEPA filters are the preferred method of cleaning surfaces where lead accumulates. Other types of vacuums may not be used.

Shoveling, dry or wet sweeping, and brushing may be used only where HEPA vacuuming has been tried and found to be ineffective.

Use of compressed air for cleaning is prohibited, unless there is a ventilation system to capture the dust created by the compressed air.

(i) Hygiene Facilities and Practices

The employer shall assure that all employees exposed to lead > PEL wash their hands and face prior to eating, drinking, smoking or applying cosmetics.

The employer shall provide, for ALL employees exposed to lead, adequate hand washing facilities, and assures (in the absence of shower facilities) that employees wash their hands and face at the end of the work shift.

In areas where employees are exposed to lead > PEL, the employer shall assure that food or beverages are not present or consumed, tobacco products are not present or used and cosmetics are not applied.

Employees exposed to lead > PEL shall be provided with clean change areas with separate storage facilities for work and street clothing, to prevent cross-contamination.

The employer shall assure that employees do not leave the workplace wearing any protective clothing or equipment that was work during the work shift.

Shower facilities, soap and towels shall be provided, where feasible, for employees exposed to lead > PEL, and the employer shall assure that these employees shower a the end of the work shift.

Employees exposed to lead > PEL shall be provided with a clean lunchroom or eating area. The employer shall assure that the lunch area is kept free from lead accumulation and that employees do not enter the lunch area with protective work clothing or equipment that has not been cleaned by vacuuming or other methods that limits dispersion of lead dust.

Employers shall establish regulated areas, where feasible, wherever employees are exposed above the PEL or performing trigger tasks (section (d)(2)). Warning signs shall be posted (section (m)), and access shall be restricted to authorized persons. Appropriate protective equipment shall be provided to and worn by employees and other persons who enter the regulated area.

(j) Medical Surveillance

The employer shall assure that all medical examinations and procedures are performed by or under the supervision of a licensed physician.

The employee has the right to seek a second medical opinion regarding the lead medical evaluation, at the expense of the employer, and if necessary a third physician may be requested to resolve any disagreements between the first two.

Prophylactic chelation, the routine use of chelating drugs to lower blood lead levels (BLL) in persons occupationally exposed to lead is prohibited.

(j)(2) Biological Monitoring

Initial blood sampling and analysis for BLL and zinc protoporphyrin (ZPP) are required for employees performing any of the specified trigger tasks, or for any employee exposed to an air lead level at or above the AL for at least 1 day.

Employees who are or may be exposed at or above the AL for more than 30 days in any consecutive 12 months, must be enrolled in a medical surveillance program, including BLLs and ZPP at least every 2 months for the first 6 months, and every 6 months thereafter.

Any employee with a BLL at or above 40 µg/dl, shall have a BLL and ZPP every two months until two consecutive samples are < 40.

Any employee with a BLL above 50 µg/dl shall receive a follow-up BLL within 2 weeks after the employer receives the results of the first test.

For those employees temporarily removed from their jobs involving lead exposure, a BLL and ZPP must be provided every month during the removal period.

All analysis of blood samples shall be conducted by a laboratory approved by OSHA.

The employer shall notify all employees, in writing, of their blood sampling results within 5 working days after receipt of the results.

(j)(3) Medical Examinations and Consultations

A medical exam shall be provided annually for all employees who had a BLL at or above 40 µg/dl during the preceding 12 months.

A medical exam shall be provided to any employee who reports signs or symptoms related to lead poisoning, desires medical advice regarding the effects of lead exposure on the employee's ability to produce a healthy child, is pregnant, or has difficulty breathing while wearing a respirator.

A medical exam shall be provided as medically appropriate to any employee removed from his/her usual job involving exposure to lead.

A medical exam shall include: detailed work history, with particular attention to past lead exposure; history and physical exam, with particular attention to teeth, gums, hematologic, gastrointestinal, renal, cardiovascular, neurological systems, and pulmonary system if respirators are used; blood pressure measurement; blood sample and analysis including BLL, ZPP, hemoglobin and hematocrit determinations, red cell indices, examination of peripheral smear morphology, blood urea nitrogen, serum creatinine; urinalysis with microscopic examination; pregnancy or male fertility evaluation, if requested by the employee; any other test deemed necessary by the physician.

(k) Medical Removal Protection (MRP)

(k)(1) Temporary Medical Removal and Return

The employer shall remove an employee from work having an exposure to lead at or above the AL on each occasion that a BLL and follow-up test is at or above 50 µg/dl.

An employee who has been removed due to an elevated BLL can return to his/her former job after having two consecutive BLLs at or below 40 µg/dl.

The employer shall remove an employee from work having an exposure to lead at or above the AL on each occasion that a final medical determination results in a medical finding, determination, or opinion that the employee has a detected medical condition which places the employee at increased risk of material impairment to health from exposure to lead.

An employee who has been removed due to a final medical determination can return to his/her former job when a subsequent medical determination indicates he/she no longer has a medical condition which places that employee at increased risk of health impairment from exposure to lead.

(k)(2) Medical Removal Protection (MRP) Benefits

As long as the job the employee was removed from continues, the employer shall provide up to 18 months of MRP benefits on each occasion that an employee is removed from exposure to lead.

MRP benefits means the normal earnings, seniority and other employment rights, and benefits, as though the employee had not been removed from the former job.

(l) Employee Information and Training

The employer shall provide information about lead hazards, according to the Hazard Communication Standard, to all employees exposed to lead.

For all employees exposed to lead at or above the AL on any day, exposed to lead compounds that cause eye or skin irritation, or who perform any of the specified trigger tasks, the employer shall provide initial (pre-placement) training that includes: the content of this standard and appendices; the operations that may cause lead exposure > AL; the purpose, proper selection, fitting, use and limitations of respirators; the purpose and description of the medical surveillance program, including the adverse health effects of lead exposure (especially on reproduction); the engineering controls and work practices relevant to the employee's job assignment; the contents of any compliance plan in effect; the location of regulated areas; the prohibition against routine use of chelation agents; the employee's right of access to records.

For all employees exposed to lead at or above the AL on any day, the above training must be provided annually.

(l)(3) Training and Certification for Residential and Public Buildings

All employees and supervisors who are engaged in lead-related construction in residences or buildings generally accessible to the public, and shown to be exposed to lead at or above the PEL, shall be trained by state-accredited training providers and certified by the California Department of Health Services (CDHS).

(Call 1-800-597-LEAD for information about accredited training providers and CDHS certification.)

(m) Signs

In work areas where employee exposure is >PEL, the employer shall post a warning sign with the words:

WARNING: LEAD WORK AREA
POISON - NO SMOKING OR EATING

(n) Record Keeping

The employer is required to maintain detailed records on exposure assessment, including any objective data used for exemption from air monitoring requirements, medical surveillance and medical removals.

Table 1: Respiratory Protection for Lead Aerosols

	Airborne Lead Concentration	Required Respirator
Lowest exposure trigger tasks	Not > 500 µg/m³ (up to 10 x PEL)	half-mask air purifying with HEPA* filters, or half-mask supplied air in negative pressure mode
	Not > 1,250 µg/m³ (up to 25 x PEL)	loose-fitting or helmet PAPR** with HEPA filters, or supplied air in continuous-supply mode
Medium exposure trigger tasks	Not > 2,500 µg/m³ (up to 50 x PEL)	full-face piece air purifying with HEPA filters, or full-face piece supplies air in demand mode, or half-mask supplied air in continuous-flow mode, or SCBA*** in demand mode
Highest exposure trigger tasks	Not > 50,000 µg/m³ (up to 1,000 x PEL)	half-mask supplied air in positive-pressure mode
	Not > 100,000 µg/m³ (up to 2,000 x PEL)	full-face piece supplied air in positive-pressure mode
	> 100,000 µg/m³ (>2,000 x PEL)	full-face piece SCBA in positive-pressure mode

* HEPA = high efficiency particulate filter that is 99.97% effective against particles 0.3 µm or larger.
** PAPR = powered air-purifying respirator
*** SCBA = self contained breathing apparatus

DISCUSSION

In this summary the tested surfaces are grouped into one of two ranges of lead content. The purpose of this is to categorize the surface lead content as relatively high, mid-ranged, or relatively low. This will help in complying with the Cal/OSHA lead standard as explained later. Furthermore, this categorization identifies which surface coatings HUD, DHS, and CPSC consider to be "lead-based."

Based on XRF and laboratory results, the following surfaces are considered to contain lead concentrations in excess of 1.0 mg/cm^2 or 5000 ppm.

CLASSROOMS 1-6 SITE 100

Interior Walls
Cabinets
Doors
Door Frames
Interior & Exterior Window Components
Baseboards
Exterior Steel Support Poles

CLASSROOMS 7-12 SITE 200

Doors
Door Frames
Interior & Exterior Window Components
Interior Walls
Cabinets

CLASSROOMS 14-18 SITE 300

Doors
Door Frames
Interior & Exterior Window Components
Interior Walls
Baseboards
Cabinets
Exterior Steel Support Poles
Walkway Underside

Based on XRF and laboratory results, the following surfaces are considered to contain lead concentrations in excess of 1.0 mg/cm^2 or 5000 ppm.

ADMINISTRATION / CAFETERIA SITE 400

Cabinets
Interior & Exterior Window Components
Doors
Door Frames
Interior & Exterior Walls

BUNGALOWS SITE 500

Exterior Window Casings

Based on laboratory results, the following surfaces are considered to contain lead concentrations between 600 ppm and 5000 ppm.

CLASSROOMS 7-12 SITE 200

Interior Wall - Boys Restroom
Interior Walls

CLASSROOMS 14-18 SITE 300

Interior Wall - Boys Restroom

ADMINISTRATION / CAFETERIA SITE 400

Baseboards
Folding doors
Interior Walls
Stage Front

BUNGALOWS SITE 500

Doors
Building Skirt

Cal/OSHA Compliance Recommendations

The Cal/OSHA Lead in Construction Standard (Title 8 CCR Section 1532.1) requirements apply to all construction activities where lead is disturbed and a potential for employee exposure exists. Since common lead analysis methods have a minimum detection limit, a painted surface can not be shown by practical means to be completely lead free. In effect, Cal/OSHA's requirements apply to all paint that is disturbed by an employee. Newer paints often contain small amounts of lead (up to 600 ppm is allowed) due to contamination during the manufacturing process.

When any amount of lead is disturbed an employee initial exposure assessment must be performed. If an employer has exposure data (air sample results) from similar workplace operations and conditions within the past 12 months then this data can be used.

If employee exposure data from similar workplace operations are not available then initial air monitoring is required. Several provisions are required during the initial air monitoring including respiratory protection, protective clothing, change areas with storage facilities, hand washing facilities, biological monitoring, and various types of training (see the included summary of Cal/OSHA standard 8 CCR 1532.1).

We recommend initial air monitoring begin in areas where painted surfaces have higher lead concentrations so that the results, if favorable, can apply to other painted surfaces with similar or lower lead concentrations (if the work practices are similar). Favorable results would be those that are below the action level of 30 ug/ m^3.

JMR Environmental Services Inc. appreciates the opportunity to provide these services.

Sincerely,

JMR ENVIRONMENTAL SERVICES INC.

Robert Cox, Project Manager
Interim Lead Certification #I-2458

Roofing

JMR Environmental Services, Inc.

5-18-99
copy to R. Rogers. RCS

San Diego Unified School District
Glenn Boogren
4860 Ruffner Street
San Diego, CA 92111

NVLAP CODE 200067-0

1-07-051299-A
05/16/99

A bulk sample analysis was performed by JMR Environmental Services Inc. on 05/13/99. Twenty sample(s) submitted and identified by the Client on 05/12/99 from Franklin Elementary.

Project:

The samples described above were analyzed for asbestos content. Results are expressed in approximate percent of each type of asbestos present. Results included in this report are representative of the submitted samples only.

Procedure:

Sample analysis of bulk materials was performed in accordance with procedures described in Appendix A, 'Interim Method for the Determination of Asbestiform Minerals in Bulk Insulation Samples', published in 40 CFR Ch. I (7-1-91 edition) Pt. 763, Subpart F App. A, pages 293 - 299. This procedure involves examination of the samples with a petrographic microscope utilizing polarized light, a procedure commonly known as polarized light microscopy (PLM).

JMR Environmental Services Inc. appreciates the opportunity to provide these services.

This report shall not be reproduced, except in full, without prior authorization by JMR, and shall not be used by client to claim NVLAP or U.S. Government product endorsement.

Prepared by:

Laboratory Analyst

Craig Sobotka
Laboratory Manager

3491 Kurtz Street San Diego, CA 92110-4430 Tel: 619-222-0544 Fax: 619-224-7260

1-07-051299-A
05/16/99

Results:

Sample Number	Sample ID	Type of Asbestos Present	Total Percentage by Volume	Other Materials Present		Gross Appearance
4025	1; Franklin Elementary Built Up Roofing Area 1 - Administration	None Detected		Cellulose Quartz Asphalt Clay	10%	Layered Fibrous Black
4026	2; Franklin Elementary Built Up Roofing Area 2 - Auditorium/Cafeteria	None Detected		Cellulose Quartz Asphalt Clay	15%	Layered Fibrous Black
4027	3; Franklin Elementary Built Up Roofing Area 3 - Kitchen	None Detected		Cellulose Quartz Asphalt Clay	15%	Layered Fibrous Black
4028	4; Franklin Elementary Built Up Roofing Area 4 - Kitchen Porch	Chrysotile	7%	Cellulose Quartz Asphalt Clay	20% Gravel	Layered Fibrous Gray/Black Non-Friable
4029	5; Franklin Elementary Built Up Roofing Area 5 - Curved Arcade	Chrysotile	10%	Cellulose Quartz Asphalt Clay	15% Gravel	Layered Fibrous Gray/Black Non-Friable
4030	6; Franklin Elementary Built Up Roofing Area 6 - CR Building	Chrysotile	12%	Cellulose Glass Wool Quartz Asphalt	10% Gravel Clay	Layered Fibrous Gray/Black Non-Friable
4031	7; Franklin Elementary Built Up Roofing Area 7 - K Building #1	Chrysotile	5%	Cellulose Glass Wool Quartz Asphalt	20% 5% Clay	Layered Fibrous Gray/Black Non-Friable
4032	8; Franklin Elementary Built Up Roofing Area 8 - K Building Porch	None Detected		Cellulose Glass Wool Quartz Asphalt	5% 25% Clay	Layered Fibrous Black
4033	9; Franklin Elementary Built Up Roofing Area 9 - Main Foyer	None Detected		Cellulose Quartz Asphalt Clay	15%	Layered Fibrous Black
4034	10; Franklin Elementary Built Up Roofing Area 9A - Sign	None Detected		Cellulose Quartz Asphalt Clay	20%	Layered Fibrous Black

1-07-051299-A
05/16/99

Results:

Sample Number	Sample ID	Type of Asbestos Present	Total Percentage by Volume	Other Materials Present		Gross Appearance
4035	11; Franklin Elementary Built Up Roofing Area 10 - Auditorium Breezeway	Chrysotile	20%	Cellulose Quartz Asphalt Clay	10%	Layered Fibrous Black Non-Friable
4036	12; Franklin Elementary Built Up Roofing Area 11 - #6 Arcade	None Detected		Cellulose Glass Wool Quartz Asphalt	3% 25% Clay	Layered Fibrous Black
4037	13; Franklin Elementary Built Up Roofing Area 12 - K Building #2	None Detected		Cellulose Glass Wool Quartz Asphalt	15% 15% Clay	Layered Fibrous Black
4038	14; Franklin Elementary Built Up Roofing Area 13 - Old "North" CR Building	Chrysotile	25%	Cellulose Quartz Asphalt Clay	2%	Layered Fibrous Black Non-Friable
4039	15; Franklin Elementary Built Up Roofing Area 14 - Connecting Arcade	Chrysotile	20%	Cellulose Quartz Asphalt Clay	10%	Layered Fibrous Black Non-Friable
4040	16; Franklin Elementary Built Up Roofing Area 15 - Old "South" CR Building	Chrysotile	5%	Cellulose Quartz Asphalt Clay	30% Gravel	Layered Fibrous Gray/Black Non-Friable
4041	17; Franklin Elementary Built Up Roofing Area 15A - South 15 Eye Brow	Chrysotile	2%	Cellulose Quartz Asphalt Clay	30% Gravel Copper	Layered Fibrous Gray/Black Non-Friable
4042	18; Franklin Elementary Wall Flashing Typical	Chrysotile	30%	Cellulose Quartz Asphalt Clay	5% Gravel	Layered Fibrous Gray/Black Non-Friable
4043	19; Franklin Elementary Base Flashing Typical	Chrysotile	7%	Cellulose Quartz Asphalt Clay	30%	Layered Fibrous Black Non-Friable
4044	20; Franklin Elementary Roof Mastic Typical	Chrysotile	10%	Cellulose Quartz Asphalt Clay	<1%	Layered Fibrous Gray/Black Surface Friable

BULK ASBESTOS CHAIN OF CUSTODY

JMR ENVIRONMENTAL SERVICES INC.
3491 Kurtz Street
San Diego, CA 92110-4430
Tel: (619) 222-0544 Fax: 224-7260

Project Name: FRANKLIN ELEM. Company Name: San Diego Unified School District Phone #: (619) 627-7190
Job Address: Attention: Glenn C. Boogren / BOB ROGERS Fax #: (619) 627-7230
JMR Job #: 1-07-051299-A Address: 4860 Ruffner Street Client Job #: 791000
Collected By & Date: BOB ROGERS 5/10 City, State, Zip: San Diego, CA 92111-1522 Client PO #: 9800041

☐ RUSH (Same Day) ☑ Next Day ☐ Two Days ☐ Normal (5 Days)

Lab #	Sample #	Materials Sampled	Location	Results
4025	1 OF 26	BUILT UP ROOFING	AREA 1 ADMIN	NONE DETECTED
4026	2		AREA 2 ANNEX / CAFETERIA	" "
4027	3		AREA 3 KITCHEN	" "
4028	4		AREA 4 KITCHEN PORCH	7% CHRYSOTILE
4029	5		AREA 5 CURVED ARCADE	10% "
303 4030	6		AREA 6 C.R. BLDG.	12% "
4031	7		AREA 7 K. BLDG #1	5% "
4032	8		AREA 8 K. BLDG. PORCH	NONE DETECTED
4033	9		AREA 9 MAIN FOYER	" "
4034	10		AREA 9A SIGN	" "

Relinquished By: [signature]
Date: 5/12/99 Time: 1:53 pm

Received By: Anna Brown
Date: 5/12/99 Time: 1:54 pm

Comments: MAP ATTACHED

BULK ASBESTOS CHAIN OF CUSTODY

JMR ENVIRONMENTAL SERVICES INC.
3491 Kurtz Street
San Diego, CA 92110-4430
Tel: (619) 222-0544 Fax: 224-7260

Project Name:
Job Address:
JMR Job #:
Collected By & Date:

Company Name: San Diego Unified School District Phone #: (619) 627-7190
Attention: Glenn C. Boogren/~~Rob Rogers~~ Fax #: (619) 627-7230
Address: 4860 Ruffner Street Client Job #:
City, State, Zip: San Diego, CA 92111-1522 Client PO#:

☐ RUSH (Same Day) ☑ Next Day ☐ Two Days ☐ Normal (5 Days)

Lab #	Sample #	Materials Sampled	Location	Results
4035	11 of 20	BUILT UP ROOFING	AREA 10 AUDITORIUM BREEZEWAY	20% CHRYSOTILE
4036	12		AREA 11 #6 ARCADE	NONE DETECTED
4037	13		AREA 12 L. BLDG. #2	" "
4038	14		AREA 13 00 "NORTH" C.R. BLDG.	25% CHRYSOTILE
4039	15		AREA 14 CONNECTING ARCADE	20% "
4040	16		AREA 15 000 "SOUTH" C.R. BLDG.	5% "
4041	17	↓ ↓ ↓	AREA 15A SOUTH 15 EYEBROW	2% "
4042	18	WALL FLASHING	TYPICAL	3% "
4043	19 ↓	BASE FLASHING	TYPICAL	7% "
4044	20 of 20	ROOF MASTIC	TYPICAL	10% (SURFACE FRIABLE) "

304

Relinquished By:
Date: Time:

Received By:
Date: Time:

Comments:

JMR Environmental Services, Inc.

May 24, 2001

San Diego Unified School District
Glenn Boogren
4486 Ruffner Street
San Diego, CA 92111

PROJECT: Franklin Elementary

SUBJECT: Roof Sampling

Mr. Boogren:

At your request roof core sampling was performed by JMR Environmental Services, Inc. at Franklin Elementary. The purpose of this sampling was to determine if asbestos is present in the roofing materials. Layers of roofing were also counted during analysis.

Procedure

Sample analysis of bulk materials was performed in accordance with procedures described in Appendix A, *Interim Method for the Determination of Asbestiform Minerals in Bulk Insulation Samples*, published in 40 CFR Ch. 1 (7-1-91 Edition) Pt. 763; subpart F, app. A, pages 293-299. This procedure involves examination of the samples with a petrographic microscope utilizing polarized light, a procedure commonly known as Polarized Light Microscopy (PLM).

Included are the laboratory results. JMR Environmental Services, Inc. appreciates the opportunity to provide these services.

Sincerely,

Robert Cox, Operations Manager
Asbestos Certification #94-1504

Reviewed by,

Derik Martin, General Manager
Asbestos Certification #96-2068

4560 Alvarado Canyon Rd., Ste. 2D San Diego, CA 92120 Tel: 619-858-7260 Fax: 619-858-7264

1-482-051701-A
05/24/01

Results:

Sample Number	Sample ID	Type of Asbestos Present	Total Percentage by Volume	Other Materials Present		Gross Appearance
32927	F-01: Benj. Franklin Elem. School A 911755 (B - 1) 4 Layers Roofing Material	Chrysotile	15%	Cellulose Bitumen	35%	Layered Fibrous Black Non-Friable
32928	F-02: Benj. Franklin Elem. School A 911765 (B - 2) 4 Layers Roofing Material	Chrysotile	15%	Cellulose Bitumen	35%	Layered Fibrous Black Non-Friable
32929	F-03: Benj. Franklin Elem. School A 80856 (B - 8) 5 Layers Roofing Material	None Detected		Cellulose Bitumen	30%	Layered Fibrous Black Non-Friable

1-482-051701-A

JMR ENVIRONMENTAL SERVICES INC.
3491 Kurtz Street
San Diego, CA 92110-4430
Tel: (619) 222-0544 Fax: 224-7260

BULK ASBESTOS CHAIN OF CUSTODY

Project Name: Benj Franklin Elem School Company Name: SDUSD Phone #:
Job Address: 4461 Copeland Av. SD # 92116 Attention: Glenn Boeyden Fax #:
JMR Job #: 1-482 Address: Client Job #:
Collected By & Date: GW 5/16/01 City, State, Zip: Client PO#:

☐ **RUSH (Same Day)** ☐ **Next Day** ☐ **Two Days** ☒ **Normal (5 Days)**

Lab #	Sample #	Materials Sampled	Location	Results
32927	F-01	ROOFING MASTIC	A 911755 (B-1) 4 layers	15% ch
32928	-02	" "	A 911765 (B-2) 4 "	"
32929	-03	" "	A 80856 (B-8) 5 "	20% ch.

Relinquished By: GW
Date: 5/17/01 Time:

Received By:
Date: Time:

Comments: 5/30/01 O'quina/martinez

Appendix G
Noise Appendix

ESA

Noise Appendix
Table of Contents

1 Construction Noise Calculations
2 Construction Vibration Calculations

1. Construction Noise Calculations

Project: Franklin Elementary

Construction Noise Impact on Sensitive Receptors

Parameters

Construction Hours:	8	Daytime hours (7 am to 7 pm)
	0	Evening hours (7 pm to 10 pm)
	0	Nighttime hours (10 pm to 7 am)
Leq to L10 factor	3	

Construction Phase **Equipment Type**	**No. of Equip.**	**Reference Noise Level at 50ft, Lmax**	**Acoustical Usage Factor**	**Distance (ft)**	**Lmax**	**Leq**	**L10**	**Estimated Noise Shielding, dBA**
Modernization					**73**	***71***		
Man Lift	1	75	20%	60	73	66	69	0
Air Compressor	3	78	40%	160	73	69	72	0
Demolition					**88**	***82***		
Concrete Saw	1	90	20%	60	88	81	84	0
Dozer	1	82	40%	160	72	68	71	0
Tractor/Loader/Backhoe	3	80	25%	260	70	64	67	0
Grading					**83**	***80***		
Graders	1	85	40%	60	83	79	82	0
Dozer	1	82	40%	160	72	68	71	0
Tractor/Loader/Backhoe	1	80	25%	260	66	60	63	0
Building Construction					**79**	***74***		
Cranes	1	81	16%	60	79	71	74	0
Forklift	1	75	10%	60	73	63	66	0
Generator Sets	1	81	50%	160	71	68	71	0
Tractor/Loader/Backhoe	1	80	25%	160	70	64	67	0
Welders	3	74	40%	260	64	60	63	0
Paving/Architectural Coating					**77**	***78***		
Cement and Mortar Mixers	1	79	40%	60	77	73	76	0
Paver	1	77	50%	60	75	72	75	0
Other Equipment	1	85	50%	160	75	72	75	0
Roller	4	80	20%	160	76	69	72	0
Tractor/Loader/Backhoe	4	80	25%	260	72	66	69	0
Air Compressor	1	78	40%	260	64	60	63	0

2. Construction Vibration Calculations

Franklin School

Vibration Level Calculations

Based on Federal Transit Administration, Office of Planning and Environment

N =	1.5

Construction Equipment	Project Equipment	Equipment Peak Particle Velocity @ 25 Feet* (inches/second)	Distance to Receptor for < 0.5 PPV (Feet)	Estimated Velocity Decibels @ Distance** (VdB)	Estimated Peak Particle Velocity @ Distance*** (inches/second)
Unmitigated Vibration Levels					
R1					
Vibratory Roller	Yes	0.210	60	83.0	0.056
Large Bulldozer or Bore/Drill Rig	Yes	0.089	60	75.5	0.024
Loaded Trucks	Yes	0.076	60	74.2	0.020
Jackhammer	Yes	0.035	60	67.4	0.009
Small Bulldozer	Yes	0.003	60	46.1	0.001

Source:

Federal Transit Administration, *Transit Noise and Vibration Impact Assessment Manual,* 2018.

Notes:

* Values taken from Table 7-4.

** Based on the formula VdB = 20 x LOG10 (v/v_{ref}), where v_{ref} is equal to 1×10^{-6} in/sec (see page 111).
The approximate rms vibration velocity level (v) is calculated from PPV using a crest factor of 4 (see page 184).

*** Based on the formula PPV(D) = PPV(25 ft) x $(25/D)^N$, where D is equal to the distance (see page 185).
N = soil type classification factor (typically ranges from 1 to 1.5)

Off-Site Construction Haul Trucks

Equipment	Reference Vibration Levels at 50 ft, in/sec PPV	Estimated Vibration Levels , in/sec PPV	
		20 ft	
Typical Road Surface	0.00565	0.071	

Ref. Levels based on FTA Figure 5-4 (converted from VdB to PPV)