

Appendix

Appendix B Health Risk Assessment

Appendix

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1. Construction Health Risk Assessment

1.1 INTRODUCTION

Griffin Technology Academy (GTA) proposes the renovation of the Mare Island Technology Academy campus (MITA or MITA campus). The MITA campus is located at 2 Positive Place in Vallejo, California, and includes both the Mare Island Technology Academy, a charter school for middle school students, and MIT Academy, a charter school for high school students. The roughly 11-acre campus is bound by Corcoran Avenue to the north, Rainier Avenue to the east, Mini Drive to the west and Olympic Avenue and District property occupied by ELITE Public Schools to the south. The campus is split into two sections by Positive Place, a private driveway.

The proposed project would renovate the charter school's existing campus, demolish existing buildings, and regrade the project site. The proposed project involves the construction of two-story classrooms buildings, science building, administration building, multipurpose building, gymnasium, soccer/football field, and other outdoor play fields. Site improvements will also include on-site parking, improved vehicle circulation, landscaping, walkways, and other amenities. The proposed project includes the construction of a total of 45 classrooms. The existing campus consists of portable classrooms that are not State approved. All new facilities will meet current state building standards. The construction of the proposed project would occur over four phases in order to maintain enough facilities to operate the educational program. The proposed project would not increase capacity of the school. The proposed project, including all proposed facilities, supporting improvements, and associated discretionary actions comprise the project considered in this Initial Study.

The latest version of the Bay Area Air Quality Management District (BAAQMD) CEQA Air Quality Guidelines requires projects to evaluate the impacts of construction activities on sensitive receptors (BAAQMD, 2017). For the most conservative results, modeling assumed construction would start at the beginning of June 2023 and be completed by August 2025 (approximately 574 workdays or 2.25 years). The nearest sensitive receptors to the project site include single-family residences adjacent to the project site to the northwest across Corcoran Avenue and to the southeast across Olympic Avenue. In addition, the Loma Vista Elementary School is located adjacent to the project site to the northeast across Rainier Avenue. The BAAQMD has developed *Screening Tables for Air Toxics Evaluation During Construction* (2010) that evaluate construction-related health risks associated with residential, commercial, and industrial projects. The previously identified residential and school receptors are closer than the BAAQMD's screening distance of 200 meters (656 feet) that would screen out potential health risks and, therefore, could be adversely affected by the proposed construction activities. As a result, a site-specific construction health risk assessment (HRA) has been prepared for the proposed project. This HRA considers the health impact to on-site and off-site sensitive receptors (i.e., MITA students and nearby schools and residences) from construction emissions at the project site, including diesel equipment exhaust (diesel particulate matter or DPM) and particulate matter less than 2.5 microns (PM_{2.5}).

1.2 METHODOLOGY AND SIGNIFICANCE THRESHOLDS

For this HRA, the BAAQMD significance thresholds were deemed to be appropriate and the thresholds that were used for this project are shown below:

- Excess cancer risk of more than 10 in a million
- Non-cancer hazard index (chronic or acute) greater than 1.0
- Incremental increase in average annual PM_{2.5} concentration of greater than 0.3 µg/m³

The methodology used in this HRA is consistent with the following BAAQMD and the Office of Environmental Health Hazard Assessment (OEHHA) guidance documents:

- BAAQMD, 2017. *California Environmental Quality Act (CEQA) Air Quality Guidelines*. May 2017.
- BAAQMD, 2016. *Planning Healthy Places*. May 2016.
- BAAQMD, 2010. *Screening Tables for Air Toxics Evaluation During Construction*. May 2010.
- BAAQMD, 2012. *Recommended Methods for Screening and Modeling Local Risks and Hazards*. Version 3.0. May 2012.
- OEHHA, 2015. *Air Toxics Hot Spots Program Guidance Manual for the Preparation of Health Risk Assessments*. February 2015.

Potential exposures to DPM and PM_{2.5} from proposed project construction were evaluated for on-site and off-site sensitive receptors surrounding the site. Pollutant concentrations were estimated using an air dispersion model, and excess lifetime cancer risks and chronic non-cancer hazard indexes were calculated. These risks were then compared to the significance thresholds adopted for this HRA.

It should be noted that these health impacts are based on conservative (i.e., health protective) assumptions. The United States Environmental Protection Agency (USEPA, 2005) and OEHHA note that conservative assumptions used in a risk assessment are intended to ensure that the estimated risks do not underestimate the actual risks. Therefore, the estimated risks may not necessarily represent actual risks experienced by populations at or near a site. The use of conservative assumptions tends to produce upper-bound estimates of exposure and thus risk.

For residential-based receptors, the following conservative assumptions were used:

- It was assumed that maximum-exposed off-site residential receptors (principally children) stood outdoors and are subject to DPM at their residence for nearly 20 hours per day, and approximately 350 days per year. In reality, California residents typically will spend on average 2 hours per day outdoors at their residences (USEPA, 2011), so actual exposures and risks would be significantly lower than those calculated in this HRA.
- The calculated risk for infants from third trimester to age 2 is multiplied by a factor of 10 and children from age 3 to age 9 is multiplied by a factor of 3 to account for early life exposure and uncertainty in child versus adult exposure impacts (OEHHA, 2015).

For school- and daycare-based receptors, the following conservative assumptions were used:

- It was assumed that maximum-exposed on-site and off-site receptors stood outdoors and are subject to DPM for nearly 24 hours per day, and approximately 250 days per year for school receptors and 350 days per year for daycare receptors.
- The calculated risk for infants from third trimester to age 2 is multiplied by a factor of 10 and children from age 3 to age 9 is multiplied by a factor of 3 to account for early life exposure and uncertainty in child versus adult exposure impacts (OEHHA, 2015).

1.3 CONSTRUCTION EMISSIONS

Construction emissions were calculated as average daily emissions in pounds per day, using the proposed construction schedule and the latest version of California Emissions Estimation Model, known as CalEEMod Version 2020.4 (CAPCOA, 2021). DPM emissions were based on the CalEEMod construction runs, using annual exhaust PM₁₀ construction emissions presented in tons per year. The PM_{2.5} emissions were taken from the CalEEMod output for exhaust PM_{2.5} also presented in tons per year.

The project was assumed to take place over approximately 26 months (574 workdays) from June 2023 through August 2025. The annual emission rates for each construction year from construction equipment used during the proposed project were retrieved from the unmitigated CalEEMod results. The off-site hauling emission rates were adjusted to evaluate localized emissions from the cumulative 1.15 miles of potential haul routes within 1,000 feet of the project site. The CalEEMod construction emissions output and emission rate calculations are provided in Attachment A of the HRA.

1.4 DISPERSION MODELING

Air quality modeling was performed using the AERMOD atmospheric dispersion model to assess the impact of emitted compounds on sensitive receptors near the project. The model is a steady state Gaussian plume model and is an approved model by BAAQMD for estimating ground level impacts from point and fugitive sources in simple and complex terrain. The on-site construction emissions for the project were modeled as poly-area sources. The off-site mobile sources were modeled as adjacent line volume sources. The model requires additional input parameters, including chemical emission data and local meteorology. Inputs for the construction emission rates are those described in Section 1.3. Meteorological data obtained from the BAAQMD for the nearest representative meteorological station (Napa County Airport) with the five latest available years (2013 through 2017) of record were used to represent local weather conditions and prevailing winds (CARB, 2022) for each construction year modeled.

The modeling analysis also considered the spatial distribution and elevation of each emitting source in relation to the sensitive receptors. To accommodate the model's Cartesian grid format, direction-dependent calculations were obtained by identifying the Universal Transverse Mercator (UTM) coordinates for each source location. In addition, digital elevation model (DEM) data for the area were obtained and included in the model runs to account for complex terrain. An emission release height of 4.15 meters was used as representative of the stack exhaust height for off-road construction equipment and diesel truck traffic (CARB, 2000).

To determine contaminant impacts during construction hours, the model's Season-Hour-Day (HRDOW) variable emission option was invoked to predict flagpole-level concentrations (1.5 m for ground floor receptors) for construction emissions generated between the hours of 7:00 AM and 4:00 PM with a 1-hour lunch break.

Annual construction emissions were reduced to an equivalent gram-per-second emission rate for each construction year model and were utilized directly in the air dispersion modeling to identify the annual DPM and PM_{2.5} fugitive dust concentrations at all nearby off-site and on-site sensitive receptors. The unit emission rates were proportioned over the poly-area sources for on-site construction emissions based on total area and over the volume sources for off-site hauling emissions based on total haul route length within 1,000 feet of the site. The modeled concentrations from the output files were then utilized in cancer risk calculations contained in Attachment A to obtain the anticipated cancer risk and PM_{2.5} concentration at the maximum exposed individual receptor (MEIR) for each receptor type based on land use type and age range (e.g., resident, daycare patron, elementary school student, middle school student). The air dispersion modeling predicted the MEIR which experienced the highest cancer risk is the Loma Vista Farm, which is assumed to host outdoor school sessions, south of the project site.¹

The receptor locations are presented in Figure 1. The air dispersion model output is presented in Attachment B. The DPM and PM_{2.5} concentrations at the MEIR are provided in Attachment C.

1.5 RISK CHARACTERIZATION

1.5.1 Carcinogenic Chemical Risk

A threshold of ten in a million (10×10^{-6}) has been established as a level posing no significant risk for exposures to carcinogens. Health risks associated with exposure to carcinogenic compounds can be defined in terms of the probability of developing cancer as a result of exposure to a chemical at a given concentration. The cancer risk probability is determined by multiplying the chemical's annual concentration by its cancer potency factor (CPF), a measure of the carcinogenic potential of a chemical when a dose is received through the inhalation pathway. It is an upper-limit estimate of the probability of contracting cancer as a result of continuous exposure to an ambient concentration of one microgram per cubic meter ($\mu\text{g}/\text{m}^3$) over a lifetime of 70 years.

Recent guidance from OEHHA recommends a refinement to the standard point estimate approach with the use of age-specific breathing rates and age sensitivity factors (ASFs) to assess risk for susceptible subpopulations such as children. For the inhalation pathway, the procedure requires the incorporation of several discrete variates to effectively quantify dose for each age group. Once determined, contaminant dose is multiplied by the cancer potency factor in units of inverse dose expressed in milligrams per kilogram per day ($\text{mg}/\text{kg}/\text{day}$)⁻¹ to derive the cancer risk estimate. Therefore, to accommodate the unique exposures associated with the sensitive receptors, the following dose algorithm was used.

$$\text{Dose}_{\text{AIR, per age group}} = (C_{\text{air}} \times \text{EF} \times [\frac{\text{BR}}{\text{BW}}] \times A \times \text{CF})$$

¹ The MEIR location is the receptor location associated with the maximum predicted AERMOD concentrations from off-road equipment (i.e., on-site emissions). The calculated on-site emission rates greatly outweigh the calculated off-site (hauling) emission rates (see Attachment A). Therefore, the maximum concentrations associated with the on-site emission sources produce the highest overall ground-level MEIR concentrations and, consequently, highest calculated health risks.

Where:

Dose _{AIR}	=	dose by inhalation (mg/kg-day), per age group
C _{air}	=	concentration of contaminant in air (µg/m ³)
EF	=	exposure frequency (number of days/365 days)
BR/BW	=	daily breathing rate normalized to body weight (L/kg-day)
A	=	inhalation absorption factor (default = 1)
CF	=	conversion factor (1x10 ⁻⁶ , µg to mg, L to m ³)

The inhalation absorption factor (A) is a unitless factor that is only used if the cancer potency factor included a correction for absorption across the lung. The default value of 1 was used for this assessment. For residential and daycare receptors, the exposure frequency (EF) of 0.96 is used to represent 350 days per year to allow for a two-week period away from home each year (OEHHA, 2015). For school receptors, an EF of 0.68 is used to represent 250 school days per year.

For the construction analysis, the exposure duration spans the length of construction (e.g., 574 workdays, approximately 2.25 years). For all receptors, the 95th percentile daily breathing rates (BR/BW), exposure duration (ED), age sensitivity factors (ASFs), and fraction of time at home (FAH) for the various age groups are provided herein:

<u>Age Groups</u>	<u>BR/BW (L/kg-day)</u>	<u>ED</u>	<u>ASF</u>	<u>FAH*</u>
Third trimester	361	0.25	10	0.85
0-2 age group	1,090	2	10	0.85
3-9 age group	861	2.25	3	0.72
3-16 age group	745	2.25	3	0.72

*Note: FAH applies to residential receptors only.

To calculate the overall cancer risk, the risk for each appropriate age group is calculated per the following equation:

$$\text{Cancer Risk}_{\text{AIR}} = \text{Dose}_{\text{AIR}} \times \text{CPF} \times \text{ASF} \times \text{FAH} \times \frac{\text{ED}}{\text{AT}}$$

Where:

Dose _{AIR}	=	dose by inhalation (mg/kg-day), per age group
CPF	=	cancer potency factor, chemical-specific (mg/kg-day) ⁻¹
ASF	=	age sensitivity factor, per age group
FAH	=	fraction of time at home, per age group (for residential receptors only)
ED	=	exposure duration (years)
AT	=	averaging time period over which exposure duration is averaged (70 years)

The CPFs used in the assessment were obtained from OEHHA guidance. The excess lifetime cancer risks during the construction period to the maximally exposed resident were calculated based on the factors provided above. The cancer risks for each age group are summed to estimate the total cancer risk for each toxic chemical species. The final step converts the cancer risk in scientific notation to a whole number that expresses the

cancer risk in “chances per million” by multiplying the cancer risk by a factor of 1×10^6 (i.e., 1 million). The calculated results are provided in Attachment C.

1.5.2 Non-Carcinogenic Hazards

An evaluation was also conducted of the potential non-cancer effects of chronic chemical exposures. Adverse health effects are evaluated by comparing the annual receptor level (flagpole) concentration of each chemical compound with the appropriate reference exposure limit (REL). Available RELs promulgated by OEHHA were considered in the assessment.

The hazard index approach was used to quantify non-carcinogenic impacts. The hazard index assumes that chronic sub-threshold exposures adversely affect a specific organ or organ system (toxicological endpoint). Target organs presented in regulatory guidance were used for each discrete chemical exposure. To calculate the hazard index, each chemical concentration or dose is divided by the appropriate toxicity value. This ratio is summed for compounds affecting the same toxicological endpoint. A health hazard is presumed to exist where the total equals or exceeds one.

The chronic hazard analysis for DPM is provided in Attachment C. The calculations contain the relevant exposure concentrations and corresponding reference dose values used in the evaluation of non-carcinogenic exposures.

1.5.3 Criteria Pollutants

The BAAQMD has recently incorporated $PM_{2.5}$ into the District’s CEQA significance thresholds due to recent studies that show adverse health impacts from exposure to this pollutant. An incremental increase of greater than $0.3 \mu\text{g}/\text{m}^3$ for the annual average $PM_{2.5}$ concentration is considered to be a significant impact.

1.6 CONSTRUCTION HRA RESULTS

The calculated results of the construction health risk assessment are summarized in Table 1.

TABLE 1. CONSTRUCTION RISK SUMMARY - UNMITIGATED

Receptor	Cancer Risk (per million)	Chronic Hazards	PM _{2.5} (µg/m ³)
MEIR – Off-site Community Garden (Outdoor Elementary School)	70.61	0.09	0.43
MEIR – Off-site Daycare Patron	24.89	0.02	0.11
MEIR – Off-site Resident	18.62	0.02	0.10
MEIR – On-site MITA Student	25.55	0.14	0.72
MEIR – Off-site Middle School Student	1.53	0.01	0.05
MEIR – Off-site Elementary School Student	17.70	0.08	0.42
MEIR – Off-site High School Student	5.79	0.04	0.16
BAAQMD Threshold	10	1.0	0.30
Exceeds Threshold?	Yes	No	Yes

Note: Cancer risk calculated using 2015 OEHHA HRA guidance. MEIR = Maximum Exposed Individual Receptor.

Cancer risk for the maximum impacted MEIR from project-related construction emissions was calculated to be 70.61 in a million, which would exceed the 10 in a million significance threshold. As such, Mitigation Measure AQ-2, which would require the use of Tier 4 Final certified construction equipment for engines rated 25 horsepower and greater, would be necessary to reduce impacts during construction to less than significant levels. The calculated results of mitigated construction are provided in Attachment C and the results are summarized in Table 2.

TABLE 2. MITIGATED CONSTRUCTION RISK SUMMARY - UNMITIGATED

Receptor	Cancer Risk (per million)	Chronic Hazards	PM _{2.5} (µg/m ³)
MEIR – Off-site Community Garden (Outdoor Elementary School)	9.88	0.03	0.17
MEIR – Off-site Daycare Patron	3.54	0.01	0.04
MEIR – Off-site Resident	2.67	0.01	0.04
MEIR – On-site MITA Student	3.58	0.06	0.28
MEIR – Off-site Middle School Student	0.22	<0.01	0.02
MEIR – Off-site Elementary School Student	2.49	0.04	0.16
MEIR – Off-site High School Student	0.82	0.01	0.06
BAAQMD Threshold	10	1.0	0.30
Exceeds Threshold?	No	No	No

Note: Cancer risk calculated using 2015 OEHHA HRA guidance. MEIR = Maximum Exposed Individual Receptor.

As shown above, cancer risk for the maximum impacted MEIR from project-related construction emissions after mitigation was calculated to be 9.88 in a million, which would not exceed the 10 in a million significance threshold. In accordance with the latest 2015 OEHHA guidance, the calculated total cancer risk conservatively assumes that the risk for the MEIR consists of a pregnant woman in the third trimester that subsequently gives birth to an infant during the approximately 26-month construction period; therefore, all calculated risk values were multiplied by a factor of 10. In addition, it was conservatively assumed that the receptors were outdoors 24 hours a day.

For non-carcinogenic effects, the chronic hazard index identified for each toxicological endpoint totaled less than one for the MEIR. Therefore, chronic non-carcinogenic hazards are less than significant. The highest PM_{2.5} annual concentration of 0.28 µg/m³ at the MEIR location after mitigation would not exceed the 0.3 µg/m³ significance threshold.

2. References

- Bay Area Air Quality Management District. 2017. *California Environmental Quality Act Air Quality Guidelines*.
- . 2016. *Planning Healthy Places*. Dated May 2016.
- . 2012. *Recommended Methods for Screening and Modeling Local Risks and Hazards*. Version 3.0. Dated May 2012.
- . 2010. *Screening Tables for Air Toxics Evaluation During Construction*. Version 1.0. Dated May 2010.
- California Air Pollution Control Officers Association (CAPCOA). 2021. *California Emissions Estimator Model (CalEEMod)*. Version 2020.4. Prepared by: ENVIRON International Corporation and the California Air Districts.
- California Air Resources Board (CARB). 2022. *Meteorological Files*. <https://ww2.arb.ca.gov/resources/documents/harp-aermod-meteorological-files>, accessed February 18, 2022.
- . 2000. *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles*.
- Office of Environmental Health Hazard Assessment (OEHHA). 2015. *Air Toxics Hot Spots Program Guidance Manual for the Preparation of Health Risk Assessments*. Dated February 2015.
- United States Environmental Protection Agency (USEPA). 2011. *Exposure Factors Handbook 2011 Edition (Final)*. EPA/600/R-09/052F, 2011.
- . 2005. *Guideline on Air Quality Models (Revised)*. EPA-450/2-78-027R.

Attachment A. Emission Rate Calculations

Construction DPM and PM2.5 Fugitive Dust Emissions

Construction Activity & Year	Unmitigated				Mitigated			
	Construction Phase				Construction Phase			
	P1		P2		P1		P2	
	PM10 Exhaust* (lbs/day)	PM2.5 Fugitive Dust (lbs/day)	PM10 Exhaust* (lbs/day)	PM2.5 Fugitive Dust (lbs/day)	PM10 Exhaust* (lbs/day)	PM2.5 Fugitive Dust (lbs/day)	PM10 Exhaust* (lbs/day)	PM2.5 Fugitive Dust (lbs/day)
On-site Demolition (2023)	0.130	0.020	-	-	0.010	0.020	-	-
Off-site Demolition (2023)	0.010	0.010	-	-	0.010	0.010	-	-
On-site Site Preparation (2023)	0.100	0.220	-	-	0.010	0.220	-	-
Off-site Site Preparation (2023)	0.010	0.010	-	-	0.010	0.010	-	-
On-site Grading (2023)	0.110	0.150	-	-	0.010	0.150	-	-
Off-site Grading (2023)	0.010	0.010	-	-	0.010	0.010	-	-
On-site Building Construction (2023)	0.050	-	-	-	0.010	-	-	-
Off-site Building Construction (2023)	0.005	0.005	-	-	0.005	0.005	-	-
On-site Building Construction (2024)	0.360	-	-	-	0.050	-	-	-
Off-site Building Construction (2024)	0.005	0.010	-	-	0.005	0.010	-	-
On-site Demolition (2025)	-	-	0.030	0.010	-	-	0.005	0.005
Off-site Demolition (2025)	-	-	0.010	0.010	-	-	0.010	0.010
On-site Site Preparation (2025)	-	-	0.010	0.020	-	-	0.005	0.020
Off-site Site Preparation (2025)	-	-	0.010	0.010	-	-	0.010	0.010
On-site Grading (2025)	-	-	0.010	0.010	-	-	0.005	0.010
Off-site Grading (2025)	-	-	0.010	0.010	-	-	0.010	0.010
On-site Building Construction (2025)	0.210	-	0.060	-	0.040	-	0.010	-
Off-site Building Construction (2025)	0.005	0.005	-	-	0.005	0.005	-	-
On-site Paving (2025)	0.040	-	-	-	0.005	-	-	-
Off-site Paving (2025)	-	-	-	-	-	-	-	-
On-site Architectural Coating (2025)	0.005	-	-	-	0.005	-	-	-
Off-site Architectural Coating (2025)	-	-	-	-	-	-	-	-
TOTALS								
On-site	1.005	0.390	0.110	0.040	0.140	0.390	0.025	0.035
Off-site	0.045	0.050	0.030	0.030	0.045	0.050	0.030	0.030

*Note: PM10 exhaust emissions includes PM2.5 exhaust emissions.

Average DPM and Fugitive Dust Emission Rates: Unmitigated Construction

On-site Emissions ¹	On-site PM10 Exhaust (DPM)			On-site PM2.5 Fugitive Dust			Construction Duration
Phase	Average Daily PM10 Exhaust Emissions	Average Emission Rate	Average Emission Rate	Average Daily PM2.5 Fugitive Dust Emissions	Average Emission Rate	Average Emission Rate	Workdays
	(lbs/day)	(lbs/hr)	(g/s)	(lbs/day)	(lbs/hr)	(g/s)	
P1: All	1.01	1.26E-01	1.58E-02	0.39	4.88E-02	6.14E-03	574
P2: Demo Site	0.03	3.75E-03	4.73E-04	0.01	1.25E-03	1.58E-04	10
P2: Con Site	0.08	1.00E-02	1.26E-03	0.03	3.75E-03	4.73E-04	55

Note: Phase 1 emissions were evenly distributed over 2 on-site P1 project site poly-area sources. Phase 2 demolition emissions were distributed over the P2 demolition poly-area source; Phase 2 construction emissions were distributed over the P2 construction poly-area source.

Phase 1 Site Distribution

Phase 1 Sites	Approx. Area (m ²)	Average DPM Emission Rate (g/s)	Average Dust Emission Rate (g/s)
Site 1	8,677.4	5.11E-03	1.98E-03
Site 2	18,197.2	1.07E-02	4.16E-03
Totals	26,874.6	1.58E-02	6.14E-03

Hauling Emissions ¹	Off-site PM10 Exhaust (DPM)				Off-site PM2.5 Fugitive Dust			
Phase	Average Daily PM10 Exhaust Emissions	Hauling Emissions w/in 1,000 ft	Average Emission Rate	Average Emission Rate	Average Daily PM2.5 Fugitive Dust Emissions	Hauling Emissions w/in 1,000 ft	Average Emission Rate	Average Emission Rate
	(lbs/day)	(lbs/yr)	(lbs/hr)	(g/s)	(lbs/day)	(lbs/yr)	(lbs/hr)	(g/s)
P1: All	0.05	2.59E-03	3.24E-04	4.08E-05	0.05	2.88E-03	3.60E-04	4.53E-05
P2: Demo Site	0.01	5.76E-04	7.20E-05	9.07E-06	0.01	5.76E-04	7.20E-05	9.07E-06
P2: Con Site	0.02	1.15E-03	1.44E-04	1.81E-05	0.02	1.15E-03	1.44E-04	1.81E-05

Hauling Length (miles) ³

20.0 Weighted Average (mi)

Haul Length within 1,000 ft of Site (miles) ⁴

1.15 mi

Hours per work day (7:00 AM to 4:00 PM, 1-hour lunch breaks) ⁵

8 hours

Hauling Routes within 1,000 Feet of Project Site				Phase 1		Phase 2	
Route Name	Distance	Distance	Proportion of Total	Average DPM Emission Rate	Average Dust Emission Rate	Average DPM Emission Rate	Average Dust Emission Rate
	(meters)	(miles)	(%)	(g/s)	(g/s)	(g/s)	(g/s)
Mini Drive	817.10	0.51	44%	1.80E-05	2.00E-05	1.20E-05	1.20E-05
Corcoran Avenue	480.40	0.30	26%	1.06E-05	1.18E-05	7.05E-06	7.05E-06
Positive Place	312.80	0.19	17%	6.89E-06	7.65E-06	4.59E-06	4.59E-06
Rainier Avenue	242.70	0.15	13%	5.34E-06	5.94E-06	3.56E-06	3.56E-06
Totals	1853.00	1.15	100%	4.08E-05	4.53E-05	2.72E-05	2.72E-05

Note: All off-site hauling emissions were evenly distributed across 4 hauling route volume line sources.

¹ DPM emissions taken as PM2.5 exhaust emissions (CalEEMod average annual emissions), per BAAQMD guidance.

² Removed.

³ Weighted Average haul length for demolition and soil haul.

⁴ Emissions from CalEEMod offsite average annual emissions, which is based on total haul truck trip distances within 1,000 feet of the project site, are adjusted to evaluate local emissions from the cumulative 1.15 miles of hauling routes within 1,000 of the project site.

⁵ Work hours applied in By Hour/Day (HRDOW) variable emissions module in air dispersion model (see App B - Air Dispersion Model Output Files).

Average DPM and Fugitive Dust Emission Rates: Mitigated Construction

On-site Emissions ¹	On-site PM10 Exhaust (DPM)			On-site PM2.5 Fugitive Dust			Construction Duration
Phase	Average Daily PM10 Exhaust Emissions (lbs/day)	Average Emission Rate (lbs/hr)	Average Emission Rate (g/s)	Average Daily PM2.5 Fugitive Dust Emissions (lbs/day)	Average Emission Rate (lbs/hr)	Average Emission Rate (g/s)	Workdays
P1: All	0.14	1.75E-02	2.21E-03	0.39	4.88E-02	6.14E-03	574
P2: Demo Site	0.01	6.25E-04	7.88E-05	0.01	6.25E-04	7.88E-05	10
P2: Con Site	0.02	2.50E-03	3.15E-04	0.03	3.75E-03	4.73E-04	55

Note: Phase 1 emissions were evenly distributed over 2 on-site P1 project site poly-area sources. Phase 2 demolition emissions were distributed over the P2 demolition poly-area source; Phase 2 construction emissions were distributed over the P2 construction poly-area source.

Phase 1 Site Distribution

Phase 1 Sites	Approx. Area (m ²)	Average DPM Emission Rate (g/s)	Average Dust Emission Rate (g/s)
Site 1	8,677.4	7.12E-04	1.98E-03
Site 2	18,197.2	1.49E-03	4.16E-03
Totals	26,874.6	2.21E-03	6.14E-03

Hauling Emissions ¹	Off-site PM10 Exhaust (DPM)				Off-site PM2.5 Fugitive Dust			
Phase	Average Daily PM10 Exhaust Emissions (lbs/day)	Hauling Emissions w/in 1,000 ft (lbs/yr)	Average Emission Rate (lbs/hr)	Average Emission Rate (g/s)	Average Daily PM2.5 Fugitive Dust Emissions (lbs/day)	Hauling Emissions w/in 1,000 ft (lbs/yr)	Average Emission Rate (lbs/hr)	Average Emission Rate (g/s)
P1: All	0.05	2.59E-03	3.24E-04	4.08E-05	0.05	2.88E-03	3.60E-04	4.53E-05
P2: Demo Site	0.01	5.76E-04	7.20E-05	9.07E-06	0.01	5.76E-04	7.20E-05	9.07E-06
P2: Con Site	0.02	1.15E-03	1.44E-04	1.81E-05	0.02	1.15E-03	1.44E-04	1.81E-05

Hauling Length (miles) ³

20.0 Weighted Average (mi)

Haul Length within 1,000 ft of Site (miles) ⁴

1.15 mi

Hours per work day (7:00 AM to 4:00 PM, 1-hour lunch breaks) ⁵

8 hours

Hauling Routes within 1,000 Feet of Project Site				Phase 1		Phase 2	
Route Name	Distance (meters)	Distance (miles)	Proportion of Total (%)	Average DPM Emission Rate (g/s)	Average Dust Emission Rate (g/s)	Average DPM Emission Rate (g/s)	Average Dust Emission Rate (g/s)
Mini Drive	817.10	0.51	44%	1.80E-05	2.00E-05	1.20E-05	1.20E-05
Corcoran Avenue	480.40	0.30	26%	1.06E-05	1.18E-05	7.05E-06	7.05E-06
Positive Place	312.80	0.19	17%	6.89E-06	7.65E-06	4.59E-06	4.59E-06
Rainier Avenue	242.70	0.15	13%	5.34E-06	5.94E-06	3.56E-06	3.56E-06
Totals	1853.00	1.15	100%	4.08E-05	4.53E-05	2.72E-05	2.72E-05

Note: All off-site hauling emissions were evenly distributed across 4 hauling route volume line sources.

¹ DPM emissions taken as PM2.5 exhaust emissions (CalEEMod average annual emissions), per BAAQMD guidance.

² Removed.

³ Weighted Average haul length for demolition and soil haul.

⁴ Emissions from CalEEMod offsite average annual emissions, which is based on total haul truck trip distances within 1,000 feet of the project site, are adjusted to evaluate local emissions from the cumulative 1.15 miles of hauling routes within 1,000 of the project site.

⁵ Work hours applied in By Hour/Day (HRDOW) variable emissions module in air dispersion model (see App B - Air Dispersion Model Output Files).

Attachment B. Air Dispersion Model Output

Control Pathway

AERMOD

Dispersion Options

Titles MIT Academy Renovation Project Unmitigated Construction	
Dispersion Options ☐ Regulatory Default ☒ Non-Default Options	Dispersion Coefficient Urban Population: Name (Optional): Roughness Length:
☒ Flat & Elevated Terrain ☐ No Stack-Tip Downwash (NOSTD) ☐ Run in Screening Mode ☐ Conversion of NOx to NO2 (OLM or PVMRM) ☐ No Checks for Non-Sequential Met Data ☒ Fast All Sources (FASTALL) ☐ Fast Area Sources (FASTAREA) ☐ Optimized Area Source Plume Depletion ☐ Gas Deposition BETA Options: ☐ Capped and Horizontal Stack Releases ☐ Adjusted Friction Velocity (u*) in AERMET (ADJ_U*) ☐ Low Wind Options ☐ SCIM (Sampled Chronological Input Model) ☐ Ignore Urban Night / Daytime Transition (NOURBTRAN)	Output Type ☒ Concentration ☐ Total Deposition (Dry & Wet) ☐ Dry Deposition ☐ Wet Deposition Plume Depletion ☐ Dry Removal ☐ Wet Removal Output Warnings ☐ No Output Warnings ☐ Non-fatal Warnings for Non-sequential Met Data

Pollutant / Averaging Time / Terrain Options

Pollutant Type PM2.5 Averaging Time Options Hours ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 6 ☐ 8 ☐ 12 ☐ 24 ☐ Month ☐ Period ☒ Annual	Exponential Decay ☐ Yes ☒ No Terrain Height Options ☐ Flat ☒ Elevated SO: Meters RE: Meters TG: Meters
Flagpole Receptors ☒ Yes ☐ No Default Height = 1.50 m	

Optional Files



Re-Start File



Init File



Multi-Year Analyses



Event Input File



Error Listing File

Detailed Error Listing File

Filename: MITA-010_Unmit.err

Meteorology Pathway

AERMOD

Met Input Data

Surface Met Data

Filename: \\PW102\Users\LPark\My Documents\07. WIPs\MITA-01 HRA\Met Data\Vallejo2013_2017.SFC
Format Type: Default AERMET format

Profile Met Data

Filename: \\PW102\Users\LPark\My Documents\07. WIPs\MITA-01 HRA\Met Data\Vallejo2013_2017.PFL
Format Type: Default AERMET format

Wind Speed



Wind Speeds are Vector Mean (Not Scalar Means)

Wind Direction

Rotation Adjustment [deg]:

Potential Temperature Profile

Base Elevation above MSL (for Primary Met Tower): 6.00 [m]

Meteorological Station Data

Stations	Station No.	Year	X Coordinate [m]	Y Coordinate [m]	Station Name
Surface		2013			OAKLAND/WSO AP
Upper Air		2013			
On-Site		2013			

Data Period

Data Period to Process

Start Date: 1/1/2013 Start Hour: 1 End Date: 12/31/2017 End Hour: 24

Wind Speed Categories

Stability Category	Wind Speed [m/s]	Stability Category	Wind Speed [m/s]
A	1.54	D	8.23
B	3.09	E	10.8
C	5.14	F	No Upper Bound

Source Pathway - Source Inputs

Unmitigated Construction

AERMOD

Source Pathway - Source Inputs

AERMOD

Polygon Area Sources

Source Type: AREA POLY

Source: PH2_C_DPM (Phase 2, Site 1 - Construction - DPM)

Base Elevation (Optional)	Release Height [m]	Emission Rate [g/ (s-m^2)]	Initial Vertical Dim. [m]	Number of Vertices (or sides)	X Coordinate for Vertices [m]	Y Coordinate for Vertices [m]
31.23	4.15	1.12E-7		18	566104.47	4222793.25
		1.12E-7			566104.82	4222796.27
		1.12E-7			566133.30	4222814.46
		1.12E-7			566140.95	4222819.15
		1.12E-7			566151.59	4222827.48
		1.12E-7			566183.45	4222856.46
		1.12E-7			566185.55	4222858.28
		1.12E-7			566187.36	4222857.67
		1.12E-7			566201.69	4222843.72
		1.12E-7			566245.22	4222801.18
		1.12E-7			566256.74	4222789.49
		1.12E-7			566248.11	4222780.49
		1.12E-7			566252.87	4222775.24
		1.12E-7			566209.00	4222729.85
		1.12E-7			566179.86	4222723.39
		1.12E-7			566164.96	4222737.64
		1.12E-7			566162.50	4222735.25
		1.12E-7			566115.15	4222782.04

Source Type: AREA POLY

Source: PH2_D_DPM (Phase 2, Site 2 - Demolition - DPM)

Base Elevation (Optional)	Release Height [m]	Emission Rate [g/ (s-m^2)]	Initial Vertical Dim. [m]	Number of Vertices (or sides)	X Coordinate for Vertices [m]	Y Coordinate for Vertices [m]
22.35	4.15	2.00E-7		6	566164.32	4222564.54
		2.00E-7			566163.21	4222577.09
		2.00E-7			566158.05	4222617.30
		2.00E-7			566144.65	4222624.68
		2.00E-7			566118.82	4222624.18
		2.00E-7			566123.13	4222564.05

Source Pathway - Source Inputs

AERMOD

Source Type: AREA POLY

Source: PH1_1_DPM (Phase 1, Site 1 - DPM)

Base Elevation (Optional)	Release Height [m]	Emission Rate [g/ (s-m ²)]	Initial Vertical Dim. [m]	Number of Vertices (or sides)	X Coordinate for Vertices [m]	Y Coordinate for Vertices [m]
28.35	4.15	5.89E-7		19	566176.75	4222706.75
		5.89E-7			566179.45	4222686.84
		5.89E-7			566180.51	4222684.08
		5.89E-7			566166.27	4222672.98
		5.89E-7			566131.78	4222662.81
		5.89E-7			566096.03	4222659.03
		5.89E-7			566094.07	4222667.12
		5.89E-7			566086.95	4222696.99
		5.89E-7			566078.59	4222726.53
		5.89E-7			566069.75	4222751.39
		5.89E-7			566062.20	4222770.05
		5.89E-7			566063.24	4222773.37
		5.89E-7			566064.24	4222775.58
		5.89E-7			566066.68	4222777.78
		5.89E-7			566087.99	4222787.84
		5.89E-7			566091.17	4222789.16
		5.89E-7			566095.01	4222787.28
		5.89E-7			566096.98	4222785.49
		5.89E-7			566109.00	4222774.18

Source Pathway - Source Inputs

AERMOD

Source Type: AREA POLY

Source: PH1_2_DPM (Phase 1, Site 2 - DPM)

Base Elevation (Optional)	Release Height [m]	Emission Rate [g/ (s-m^2)]	Initial Vertical Dim. [m]	Number of Vertices (or sides)	X Coordinate for Vertices [m]	Y Coordinate for Vertices [m]
29.09	4.15	5.88E-7		15	566162.50	4222735.25
		5.88E-7			566164.95	4222737.64
		5.88E-7			566179.87	4222723.38
		5.88E-7			566209.02	4222729.84
		5.88E-7			566252.87	4222775.23
		5.88E-7			566248.12	4222780.49
		5.88E-7			566256.73	4222789.50
		5.88E-7			566361.41	4222686.77
		5.88E-7			566353.59	4222679.86
		5.88E-7			566348.68	4222620.04
		5.88E-7			566318.59	4222568.65
		5.88E-7			566312.82	4222576.02
		5.88E-7			566298.20	4222596.94
		5.88E-7			566279.94	4222619.65
		5.88E-7			566192.48	4222706.66

Source Pathway - Source Inputs

AERMOD

Source Type: AREA POLY

Source: PH1_1_FD (Phase 1, Site 1 - Fugitive Dust)

Base Elevation (Optional)	Release Height [m]	Emission Rate [g/ (s-m ²)]	Initial Vertical Dim. [m]	Number of Vertices (or sides)	X Coordinate for Vertices [m]	Y Coordinate for Vertices [m]
28.35	4.15	2.28E-7	0.00	19	566176.75	4222706.75
		2.28E-7			566179.45	4222686.84
		2.28E-7			566180.51	4222684.08
		2.28E-7			566166.27	4222672.98
		2.28E-7			566131.78	4222662.81
		2.28E-7			566096.03	4222659.03
		2.28E-7			566094.07	4222667.12
		2.28E-7			566086.95	4222696.99
		2.28E-7			566078.59	4222726.53
		2.28E-7			566069.75	4222751.39
		2.28E-7			566062.20	4222770.05
		2.28E-7			566063.24	4222773.37
		2.28E-7			566064.24	4222775.58
		2.28E-7			566066.68	4222777.78
		2.28E-7			566087.99	4222787.84
		2.28E-7			566091.17	4222789.16
		2.28E-7			566095.01	4222787.28
		2.28E-7			566096.98	4222785.49
		2.28E-7			566109.00	4222774.18

Source Pathway - Source Inputs

AERMOD

Source Type: AREA POLY

Source: PH1_2_FD (Phase 1, Site 2 - Fugitive Dust)

Base Elevation (Optional)	Release Height [m]	Emission Rate [g/ (s-m ²)]	Initial Vertical Dim. [m]	Number of Vertices (or sides)	X Coordinate for Vertices [m]	Y Coordinate for Vertices [m]
29.09	4.15	2.29E-7	0.00	15	566162.50	4222735.25
		2.29E-7			566164.95	4222737.64
		2.29E-7			566179.87	4222723.38
		2.29E-7			566209.02	4222729.84
		2.29E-7			566252.87	4222775.23
		2.29E-7			566248.12	4222780.49
		2.29E-7			566256.73	4222789.50
		2.29E-7			566361.41	4222686.77
		2.29E-7			566353.59	4222679.86
		2.29E-7			566348.68	4222620.04
		2.29E-7			566318.59	4222568.65
		2.29E-7			566312.82	4222576.02
		2.29E-7			566298.20	4222596.94
		2.29E-7			566279.94	4222619.65
		2.29E-7			566192.48	4222706.66

Source Pathway - Source Inputs

AERMOD

Source Type: AREA POLY

Source: PH2_C_FD (Phase 2, Site 1 - Construction - Fugitive Dust)

Base Elevation (Optional)	Release Height [m]	Emission Rate [g/ (s-m^2)]	Initial Vertical Dim. [m]	Number of Vertices (or sides)	X Coordinate for Vertices [m]	Y Coordinate for Vertices [m]
31.23	4.15	4.20E-8	0.00	18	566104.47	4222793.25
		4.20E-8			566104.82	4222796.27
		4.20E-8			566133.30	4222814.46
		4.20E-8			566140.95	4222819.15
		4.20E-8			566151.59	4222827.48
		4.20E-8			566183.45	4222856.46
		4.20E-8			566185.55	4222858.28
		4.20E-8			566187.36	4222857.67
		4.20E-8			566201.69	4222843.72
		4.20E-8			566245.22	4222801.18
		4.20E-8			566256.74	4222789.49
		4.20E-8			566248.11	4222780.49
		4.20E-8			566252.87	4222775.24
		4.20E-8			566209.00	4222729.85
		4.20E-8			566179.86	4222723.39
		4.20E-8			566164.96	4222737.64
		4.20E-8			566162.50	4222735.25
		4.20E-8			566115.15	4222782.04

Source Type: AREA POLY

Source: PH2_D_FD (Phase 2, Site 2 - Demolition - Fugitive Dust)

Base Elevation (Optional)	Release Height [m]	Emission Rate [g/ (s-m^2)]	Initial Vertical Dim. [m]	Number of Vertices (or sides)	X Coordinate for Vertices [m]	Y Coordinate for Vertices [m]
22.35	4.15	6.69E-8	0.00	6	566164.32	4222564.54
		6.69E-8			566163.21	4222577.09
		6.69E-8			566158.05	4222617.30
		6.69E-8			566144.65	4222624.68
		6.69E-8			566118.82	4222624.18
		6.69E-8			566123.13	4222564.05

Source Pathway - Source Inputs

AERMOD

Line Volume Sources

Source Type: LINE VOLUME

Source: CO.AVE_DPM1 (Off-site: Corcoran Avenue - DPM - phase 1)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
10.00	0.00001		566057.68	4222782.25	31.90	4.15
			566090.41	4222795.96	31.10	4.15
			566117.38	4222812.36	31.93	4.15
			566150.92	4222836.05	32.98	4.15
			566183.87	4222864.17	35.52	4.15
			566207.57	4222890.90	37.50	4.15
			566265.11	4222950.26	43.94	4.15
			566374.82	4223061.34	35.93	4.15
			566412.77	4223100.39	28.44	4.15

Source Type: LINE VOLUME

Source: CO.AVE_DPM2 (Off-site: Corcoran Avenue - DPM - phase 2)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
10.00	7.05E-6		566057.68	4222782.25	31.90	4.15
			566090.41	4222795.96	31.10	4.15
			566117.38	4222812.36	31.93	4.15
			566150.92	4222836.05	32.98	4.15
			566183.87	4222864.17	35.52	4.15
			566207.57	4222890.90	37.50	4.15
			566265.11	4222950.26	43.94	4.15
			566374.82	4223061.34	35.93	4.15
			566412.77	4223100.39	28.44	4.15

Source Pathway - Source Inputs

AERMOD

Source Type: LINE VOLUME

Source: CO.AVE_FD1 (Off-site: Corcoran Avenue - Fugitive Dust - phase 1)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
10.00	0.00001		566057.68	4222782.25	31.90	4.15
			566090.41	4222795.96	31.10	4.15
			566117.38	4222812.36	31.93	4.15
			566150.92	4222836.05	32.98	4.15
			566183.87	4222864.17	35.52	4.15
			566207.57	4222890.90	37.50	4.15
			566265.11	4222950.26	43.94	4.15
			566374.82	4223061.34	35.93	4.15
			566412.77	4223100.39	28.44	4.15

Source Type: LINE VOLUME

Source: CO.AVE_FD2 (Off-site: Corcoran Avenue - Fugitive Dust - phase 2)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
10.00	7.05E-6		566057.68	4222782.25	31.90	4.15
			566090.41	4222795.96	31.10	4.15
			566117.38	4222812.36	31.93	4.15
			566150.92	4222836.05	32.98	4.15
			566183.87	4222864.17	35.52	4.15
			566207.57	4222890.90	37.50	4.15
			566265.11	4222950.26	43.94	4.15
			566374.82	4223061.34	35.93	4.15
			566412.77	4223100.39	28.44	4.15

Source Pathway - Source Inputs

AERMOD

Source Type: LINE VOLUME

Source: MINI.DR_DPM1 (Off-site: Mini Drive - DPM - Phase 1)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
10.00	0.00002		565867.73	4223008.84	29.63	4.15
			565989.46	4222883.30	31.56	4.15
			566006.51	4222858.30	32.00	4.15
			566022.99	4222832.72	32.47	4.15
			566042.88	4222800.33	32.00	4.15
			566059.36	4222764.53	30.86	4.15
			566074.70	4222720.78	29.75	4.15
			566082.68	4222689.53	28.57	4.15
			566091.31	4222644.77	25.08	4.15
			566097.46	4222592.63	24.07	4.15
			566098.29	4222554.03	19.14	4.15
			566096.23	4222517.08	18.04	4.15
			566091.72	4222482.59	18.99	4.15
			566086.56	4222451.81	18.88	4.15
			566078.53	4222421.80	18.53	4.15
			566068.76	4222391.08	18.05	4.15
			566058.99	4222364.21	18.90	4.15
			566037.00	4222319.88	17.92	4.15
			566021.26	4222290.99	17.65	4.15
			566014.73	4222281.49	17.31	4.15

Source Pathway - Source Inputs

AERMOD

Source Type: LINE VOLUME

Source: MINI.DR_DPM2 (Off-site: Mini Drive - DPM - Phase 2)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
10.00	0.00001		565867.73	4223008.84	29.63	4.15
			565989.46	4222883.30	31.56	4.15
			566006.51	4222858.30	32.00	4.15
			566022.99	4222832.72	32.47	4.15
			566042.88	4222800.33	32.00	4.15
			566059.36	4222764.53	30.86	4.15
			566074.70	4222720.78	29.75	4.15
			566082.68	4222689.53	28.57	4.15
			566091.31	4222644.77	25.08	4.15
			566097.46	4222592.63	24.07	4.15
			566098.29	4222554.03	19.14	4.15
			566096.23	4222517.08	18.04	4.15
			566091.72	4222482.59	18.99	4.15
			566086.56	4222451.81	18.88	4.15
			566078.53	4222421.80	18.53	4.15
			566068.76	4222391.08	18.05	4.15
			566058.99	4222364.21	18.90	4.15
			566037.00	4222319.88	17.92	4.15
			566021.26	4222290.99	17.65	4.15
			566014.73	4222281.49	17.31	4.15

Source Pathway - Source Inputs

AERMOD

Source Type: LINE VOLUME

Source: MINI.DR_FD1 (Off-site: Mini Drive - Fugitive Dust)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
10.00	0.00002		565867.73	4223008.84	29.63	4.15
			565989.46	4222883.30	31.56	4.15
			566006.51	4222858.30	32.00	4.15
			566022.99	4222832.72	32.47	4.15
			566042.88	4222800.33	32.00	4.15
			566059.36	4222764.53	30.86	4.15
			566074.70	4222720.78	29.75	4.15
			566082.68	4222689.53	28.57	4.15
			566091.31	4222644.77	25.08	4.15
			566097.46	4222592.63	24.07	4.15
			566098.29	4222554.03	19.14	4.15
			566096.23	4222517.08	18.04	4.15
			566091.72	4222482.59	18.99	4.15
			566086.56	4222451.81	18.88	4.15
			566078.53	4222421.80	18.53	4.15
			566068.76	4222391.08	18.05	4.15
			566058.99	4222364.21	18.90	4.15
			566037.00	4222319.88	17.92	4.15
			566021.26	4222290.99	17.65	4.15
			566014.73	4222281.49	17.31	4.15

Source Pathway - Source Inputs

AERMOD

Source Type: LINE VOLUME

Source: MINI.DR_FD2 (Off-site: Mini Drive - Fugitive Dust - phase 2)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
10.00	0.00001		565867.73	4223008.84	29.63	4.15
			565989.46	4222883.30	31.56	4.15
			566006.51	4222858.30	32.00	4.15
			566022.99	4222832.72	32.47	4.15
			566042.88	4222800.33	32.00	4.15
			566059.36	4222764.53	30.86	4.15
			566074.70	4222720.78	29.75	4.15
			566082.68	4222689.53	28.57	4.15
			566091.31	4222644.77	25.08	4.15
			566097.46	4222592.63	24.07	4.15
			566098.29	4222554.03	19.14	4.15
			566096.23	4222517.08	18.04	4.15
			566091.72	4222482.59	18.99	4.15
			566086.56	4222451.81	18.88	4.15
			566078.53	4222421.80	18.53	4.15
			566068.76	4222391.08	18.05	4.15
			566058.99	4222364.21	18.90	4.15
			566037.00	4222319.88	17.92	4.15
			566021.26	4222290.99	17.65	4.15
			566014.73	4222281.49	17.31	4.15

Source Pathway - Source Inputs

AERMOD

Source Type: LINE VOLUME

Source: PO.PL_DPM1 (Off-site: Positive Place - DPM - phase 1)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
8.00	6.89E-6		566098.05	4222793.15	31.02	4.15
			566110.71	4222779.04	30.84	4.15
			566133.00	4222758.09	29.87	4.15
			566156.85	4222734.69	28.94	4.15
			566197.32	4222695.40	27.97	4.15
			566220.87	4222671.12	27.12	4.15
			566264.02	4222628.00	26.92	4.15
			566279.22	4222611.96	26.17	4.15
			566293.02	4222595.68	27.25	4.15
			566313.17	4222566.85	27.26	4.15

Source Type: LINE VOLUME

Source: PO.PL_DPM2 (Off-site: Positive Place - DPM - phase 2)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
8.00	4.59E-6		566098.05	4222793.15	31.02	4.15
			566110.71	4222779.04	30.84	4.15
			566133.00	4222758.09	29.87	4.15
			566156.85	4222734.69	28.94	4.15
			566197.32	4222695.40	27.97	4.15
			566220.87	4222671.12	27.12	4.15
			566264.02	4222628.00	26.92	4.15
			566279.22	4222611.96	26.17	4.15
			566293.02	4222595.68	27.25	4.15
			566313.17	4222566.85	27.26	4.15

Source Pathway - Source Inputs

AERMOD

Source Type: LINE VOLUME

Source: PO.PL_FD1 (Off-site: Positive Place - Fugitive Dust - phase 1)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
8.00	7.65E-6		566098.05	4222793.15	31.02	4.15
			566110.71	4222779.04	30.84	4.15
			566133.00	4222758.09	29.87	4.15
			566156.85	4222734.69	28.94	4.15
			566197.32	4222695.40	27.97	4.15
			566220.87	4222671.12	27.12	4.15
			566264.02	4222628.00	26.92	4.15
			566279.22	4222611.96	26.17	4.15
			566293.02	4222595.68	27.25	4.15
			566313.17	4222566.85	27.26	4.15

Source Type: LINE VOLUME

Source: PO.PL_FD2 (Off-site: Positive Place - Fugitive Dust - phase 2)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
8.00	4.59E-6		566098.05	4222793.15	31.02	4.15
			566110.71	4222779.04	30.84	4.15
			566133.00	4222758.09	29.87	4.15
			566156.85	4222734.69	28.94	4.15
			566197.32	4222695.40	27.97	4.15
			566220.87	4222671.12	27.12	4.15
			566264.02	4222628.00	26.92	4.15
			566279.22	4222611.96	26.17	4.15
			566293.02	4222595.68	27.25	4.15
			566313.17	4222566.85	27.26	4.15

Source Pathway - Source Inputs

AERMOD

Source Type: LINE VOLUME

Source: RA.AVE_DPM1 (Off-site: Rainier Avenue - DPM - phase 1)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
8.00	5.34E-6		566191.06	4222861.93	35.77	4.15
			566203.29	4222849.00	33.50	4.15
			566241.61	4222810.50	32.98	4.15
			566260.67	4222792.78	33.67	4.15
			566333.03	4222722.10	29.99	4.15
			566363.86	4222691.49	30.00	4.15

Source Type: LINE VOLUME

Source: RA.AVE_DPM2 (Off-site: Rainier Avenue - DPM - phase 2)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
8.00	3.56E-6		566191.06	4222861.93	35.77	4.15
			566203.29	4222849.00	33.50	4.15
			566241.61	4222810.50	32.98	4.15
			566260.67	4222792.78	33.67	4.15
			566333.03	4222722.10	29.99	4.15
			566363.86	4222691.49	30.00	4.15

Source Type: LINE VOLUME

Source: RA.AVE_FD1 (Off-site: Rainier Avenue - Fugitive Dust - phase 1)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
8.00	5.94E-6		566191.06	4222861.93	35.77	4.15
			566203.29	4222849.00	33.50	4.15
			566241.61	4222810.50	32.98	4.15
			566260.67	4222792.78	33.67	4.15
			566333.03	4222722.10	29.99	4.15
			566363.86	4222691.49	30.00	4.15

Source Pathway - Source Inputs

AERMOD

Source Type: LINE VOLUME

Source: RA.AVE_FD2 (Off-site: Rainier Avenue - Fugitive Dust - phase 2)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
8.00	3.56E-6		566191.06	4222861.93	35.77	4.15
			566203.29	4222849.00	33.50	4.15
			566241.61	4222810.50	32.98	4.15
			566260.67	4222792.78	33.67	4.15
			566333.03	4222722.10	29.99	4.15
			566363.86	4222691.49	30.00	4.15

Source Pathway - Source Inputs

AERMOD

Volume Sources Generated from Line Sources

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimension [m]	Initial Vertical Dimension [m]
MINI.DR_DPM1	PH104414	565871.21	4223005.25	29.69	4.15	2.20E-7	10.00		4.65	3.86
	PH104415	565878.17	4222998.07	29.80	4.15	2.20E-7	10.00		4.65	3.86
	PH104416	565885.13	4222990.90	29.91	4.15	2.20E-7	10.00		4.65	3.86
	PH104417	565892.09	4222983.72	30.02	4.15	2.20E-7	10.00		4.65	3.86
	PH104418	565899.05	4222976.54	30.13	4.15	2.20E-7	10.00		4.65	3.86
	PH104419	565906.01	4222969.36	30.24	4.15	2.20E-7	10.00		4.65	3.86
	PH104420	565912.98	4222962.18	30.35	4.15	2.20E-7	10.00		4.65	3.86
	PH104421	565919.94	4222955.00	30.46	4.15	2.20E-7	10.00		4.65	3.86
	PH104422	565926.90	4222947.82	30.57	4.15	2.20E-7	10.00		4.65	3.86
	PH104423	565933.86	4222940.64	30.68	4.15	2.20E-7	10.00		4.65	3.86
	PH104424	565940.82	4222933.46	30.79	4.15	2.20E-7	10.00		4.65	3.86
	PH104425	565947.78	4222926.28	30.90	4.15	2.20E-7	10.00		4.65	3.86
	PH104426	565954.74	4222919.10	31.01	4.15	2.20E-7	10.00		4.65	3.86
	PH104427	565961.70	4222911.92	31.12	4.15	2.20E-7	10.00		4.65	3.86
	PH104428	565968.67	4222904.74	31.23	4.15	2.20E-7	10.00		4.65	3.86
	PH104429	565975.63	4222897.57	31.34	4.15	2.20E-7	10.00		4.65	3.86
	PH104430	565982.59	4222890.39	31.45	4.15	2.20E-7	10.00		4.65	3.86
	PH104431	565989.53	4222883.19	31.56	4.15	2.20E-7	10.00		4.65	3.86
	PH104432	565995.17	4222874.93	31.71	4.15	2.20E-7	10.00		4.65	3.86
	PH104433	566000.80	4222866.67	31.85	4.15	2.20E-7	10.00		4.65	3.86
	PH104434	566006.43	4222858.41	32.00	4.15	2.20E-7	10.00		4.65	3.86
	PH104435	566011.85	4222850.00	32.15	4.15	2.20E-7	10.00		4.65	3.86
	PH104436	566017.27	4222841.60	32.31	4.15	2.20E-7	10.00		4.65	3.86
	PH104437	566022.69	4222833.19	32.46	4.15	2.20E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
MINI.DR_DPM1	PH104438	566027.93	4222824.68	32.35	4.15	2.20E-7	10.00		4.65	3.86
	PH104439	566033.16	4222816.15	32.23	4.15	2.20E-7	10.00		4.65	3.86
	PH104440	566038.39	4222807.63	32.11	4.15	2.20E-7	10.00		4.65	3.86
	PH104441	566043.48	4222799.03	31.96	4.15	2.20E-7	10.00		4.65	3.86
	PH104442	566047.66	4222789.95	31.67	4.15	2.20E-7	10.00		4.65	3.86
	PH104443	566051.84	4222780.86	31.38	4.15	2.20E-7	10.00		4.65	3.86
	PH104444	566056.02	4222771.78	31.09	4.15	2.20E-7	10.00		4.65	3.86
	PH104445	566060.03	4222762.62	30.81	4.15	2.20E-7	10.00		4.65	3.86
	PH104446	566063.33	4222753.19	30.57	4.15	2.20E-7	10.00		4.65	3.86
	PH104447	566066.64	4222743.75	30.33	4.15	2.20E-7	10.00		4.65	3.86
	PH104448	566069.95	4222734.31	30.09	4.15	2.20E-7	10.00		4.65	3.86
	PH104449	566073.26	4222724.88	29.85	4.15	2.20E-7	10.00		4.65	3.86
	PH104450	566076.10	4222715.30	29.54	4.15	2.20E-7	10.00		4.65	3.86
	PH104451	566078.57	4222705.61	29.18	4.15	2.20E-7	10.00		4.65	3.86
	PH104452	566081.05	4222695.92	28.81	4.15	2.20E-7	10.00		4.65	3.86
	PH104453	566083.33	4222686.19	28.31	4.15	2.20E-7	10.00		4.65	3.86
	PH104454	566085.22	4222676.37	27.54	4.15	2.20E-7	10.00		4.65	3.86
	PH104455	566087.11	4222666.55	26.78	4.15	2.20E-7	10.00		4.65	3.86
	PH104456	566089.00	4222656.73	26.01	4.15	2.20E-7	10.00		4.65	3.86
	PH104457	566090.89	4222646.91	25.25	4.15	2.20E-7	10.00		4.65	3.86
	PH104458	566092.22	4222637.00	24.93	4.15	2.20E-7	10.00		4.65	3.86
	PH104459	566093.40	4222627.07	24.74	4.15	2.20E-7	10.00		4.65	3.86
	PH104460	566094.57	4222617.14	24.54	4.15	2.20E-7	10.00		4.65	3.86
	PH104461	566095.74	4222607.21	24.35	4.15	2.20E-7	10.00		4.65	3.86
	PH104462	566096.91	4222597.28	24.16	4.15	2.20E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
MINI.DR_DPM1	PH104463	566097.58	4222587.31	23.39	4.15	2.20E-7	10.00		4.65	3.86
	PH104464	566097.79	4222577.31	22.11	4.15	2.20E-7	10.00		4.65	3.86
	PH104465	566098.00	4222567.32	20.84	4.15	2.20E-7	10.00		4.65	3.86
	PH104466	566098.22	4222557.32	19.56	4.15	2.20E-7	10.00		4.65	3.86
	PH104467	566097.91	4222547.33	18.94	4.15	2.20E-7	10.00		4.65	3.86
	PH104468	566097.36	4222537.35	18.64	4.15	2.20E-7	10.00		4.65	3.86
	PH104469	566096.80	4222527.36	18.35	4.15	2.20E-7	10.00		4.65	3.86
	PH104470	566096.25	4222517.38	18.05	4.15	2.20E-7	10.00		4.65	3.86
	PH104471	566094.97	4222507.46	18.30	4.15	2.20E-7	10.00		4.65	3.86
	PH104472	566093.67	4222497.54	18.58	4.15	2.20E-7	10.00		4.65	3.86
	PH104473	566092.38	4222487.63	18.85	4.15	2.20E-7	10.00		4.65	3.86
	PH104474	566090.90	4222477.74	18.97	4.15	2.20E-7	10.00		4.65	3.86
	PH104475	566089.25	4222467.88	18.94	4.15	2.20E-7	10.00		4.65	3.86
	PH104476	566087.60	4222458.01	18.90	4.15	2.20E-7	10.00		4.65	3.86
	PH104477	566085.60	4222448.23	18.84	4.15	2.20E-7	10.00		4.65	3.86
	PH104478	566083.02	4222438.57	18.73	4.15	2.20E-7	10.00		4.65	3.86
	PH104479	566080.43	4222428.91	18.61	4.15	2.20E-7	10.00		4.65	3.86
	PH104480	566077.73	4222419.28	18.49	4.15	2.20E-7	10.00		4.65	3.86
	PH104481	566074.70	4222409.75	18.34	4.15	2.20E-7	10.00		4.65	3.86
	PH104482	566071.67	4222400.22	18.19	4.15	2.20E-7	10.00		4.65	3.86
	PH104483	566068.62	4222390.70	18.06	4.15	2.20E-7	10.00		4.65	3.86
	PH104484	566065.20	4222381.30	18.36	4.15	2.20E-7	10.00		4.65	3.86
	PH104485	566061.78	4222371.90	18.66	4.15	2.20E-7	10.00		4.65	3.86
	PH104486	566058.18	4222362.58	18.86	4.15	2.20E-7	10.00		4.65	3.86
	PH104487	566053.74	4222353.62	18.67	4.15	2.20E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
MINI.DR_DPM1	PH104488	566049.29	4222344.67	18.47	4.15	2.20E-7	10.00		4.65	3.86
	PH104489	566044.85	4222335.71	18.27	4.15	2.20E-7	10.00		4.65	3.86
	PH104490	566040.40	4222326.75	18.07	4.15	2.20E-7	10.00		4.65	3.86
	PH104491	566035.88	4222317.83	17.90	4.15	2.20E-7	10.00		4.65	3.86
	PH104492	566031.10	4222309.05	17.82	4.15	2.20E-7	10.00		4.65	3.86
	PH104493	566026.31	4222300.27	17.74	4.15	2.20E-7	10.00		4.65	3.86
	PH104494	566021.53	4222291.49	17.65	4.15	2.20E-7	10.00		4.65	3.86
	PH104495	566015.91	4222283.22	17.37	4.15	2.20E-7	10.00		4.65	3.86

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
MINI.DR_FD1	L0004578	565871.21	4223005.25	29.69	4.15	2.44E-7	10.00		4.65	3.86
	L0004579	565878.17	4222998.07	29.80	4.15	2.44E-7	10.00		4.65	3.86
	L0004580	565885.13	4222990.90	29.91	4.15	2.44E-7	10.00		4.65	3.86
	L0004581	565892.09	4222983.72	30.02	4.15	2.44E-7	10.00		4.65	3.86
	L0004582	565899.05	4222976.54	30.13	4.15	2.44E-7	10.00		4.65	3.86
	L0004583	565906.01	4222969.36	30.24	4.15	2.44E-7	10.00		4.65	3.86
	L0004584	565912.98	4222962.18	30.35	4.15	2.44E-7	10.00		4.65	3.86
	L0004585	565919.94	4222955.00	30.46	4.15	2.44E-7	10.00		4.65	3.86
	L0004586	565926.90	4222947.82	30.57	4.15	2.44E-7	10.00		4.65	3.86
	L0004587	565933.86	4222940.64	30.68	4.15	2.44E-7	10.00		4.65	3.86
	L0004588	565940.82	4222933.46	30.79	4.15	2.44E-7	10.00		4.65	3.86
	L0004589	565947.78	4222926.28	30.90	4.15	2.44E-7	10.00		4.65	3.86
	L0004590	565954.74	4222919.10	31.01	4.15	2.44E-7	10.00		4.65	3.86
	L0004591	565961.70	4222911.92	31.12	4.15	2.44E-7	10.00		4.65	3.86
	L0004592	565968.67	4222904.74	31.23	4.15	2.44E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
MINI.DR_FD1	L0004593	565975.63	4222897.57	31.34	4.15	2.44E-7	10.00		4.65	3.86
	L0004594	565982.59	4222890.39	31.45	4.15	2.44E-7	10.00		4.65	3.86
	L0004595	565989.53	4222883.19	31.56	4.15	2.44E-7	10.00		4.65	3.86
	L0004596	565995.17	4222874.93	31.71	4.15	2.44E-7	10.00		4.65	3.86
	L0004597	566000.80	4222866.67	31.85	4.15	2.44E-7	10.00		4.65	3.86
	L0004598	566006.43	4222858.41	32.00	4.15	2.44E-7	10.00		4.65	3.86
	L0004599	566011.85	4222850.00	32.15	4.15	2.44E-7	10.00		4.65	3.86
	L0004600	566017.27	4222841.60	32.31	4.15	2.44E-7	10.00		4.65	3.86
	L0004601	566022.69	4222833.19	32.46	4.15	2.44E-7	10.00		4.65	3.86
	L0004602	566027.93	4222824.68	32.35	4.15	2.44E-7	10.00		4.65	3.86
	L0004603	566033.16	4222816.15	32.23	4.15	2.44E-7	10.00		4.65	3.86
	L0004604	566038.39	4222807.63	32.11	4.15	2.44E-7	10.00		4.65	3.86
	L0004605	566043.48	4222799.03	31.96	4.15	2.44E-7	10.00		4.65	3.86
	L0004606	566047.66	4222789.95	31.67	4.15	2.44E-7	10.00		4.65	3.86
	L0004607	566051.84	4222780.86	31.38	4.15	2.44E-7	10.00		4.65	3.86
	L0004608	566056.02	4222771.78	31.09	4.15	2.44E-7	10.00		4.65	3.86
	L0004609	566060.03	4222762.62	30.81	4.15	2.44E-7	10.00		4.65	3.86
	L0004610	566063.33	4222753.19	30.57	4.15	2.44E-7	10.00		4.65	3.86
	L0004611	566066.64	4222743.75	30.33	4.15	2.44E-7	10.00		4.65	3.86
	L0004612	566069.95	4222734.31	30.09	4.15	2.44E-7	10.00		4.65	3.86
	L0004613	566073.26	4222724.88	29.85	4.15	2.44E-7	10.00		4.65	3.86
	L0004614	566076.10	4222715.30	29.54	4.15	2.44E-7	10.00		4.65	3.86
	L0004615	566078.57	4222705.61	29.18	4.15	2.44E-7	10.00		4.65	3.86
	L0004616	566081.05	4222695.92	28.81	4.15	2.44E-7	10.00		4.65	3.86
	L0004617	566083.33	4222686.19	28.31	4.15	2.44E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

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Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
MINI.DR_FD1	L0004618	566085.22	4222676.37	27.54	4.15	2.44E-7	10.00		4.65	3.86
	L0004619	566087.11	4222666.55	26.78	4.15	2.44E-7	10.00		4.65	3.86
	L0004620	566089.00	4222656.73	26.01	4.15	2.44E-7	10.00		4.65	3.86
	L0004621	566090.89	4222646.91	25.25	4.15	2.44E-7	10.00		4.65	3.86
	L0004622	566092.22	4222637.00	24.93	4.15	2.44E-7	10.00		4.65	3.86
	L0004623	566093.40	4222627.07	24.74	4.15	2.44E-7	10.00		4.65	3.86
	L0004624	566094.57	4222617.14	24.54	4.15	2.44E-7	10.00		4.65	3.86
	L0004625	566095.74	4222607.21	24.35	4.15	2.44E-7	10.00		4.65	3.86
	L0004626	566096.91	4222597.28	24.16	4.15	2.44E-7	10.00		4.65	3.86
	L0004627	566097.58	4222587.31	23.39	4.15	2.44E-7	10.00		4.65	3.86
	L0004628	566097.79	4222577.31	22.11	4.15	2.44E-7	10.00		4.65	3.86
	L0004629	566098.00	4222567.32	20.84	4.15	2.44E-7	10.00		4.65	3.86
	L0004630	566098.22	4222557.32	19.56	4.15	2.44E-7	10.00		4.65	3.86
	L0004631	566097.91	4222547.33	18.94	4.15	2.44E-7	10.00		4.65	3.86
	L0004632	566097.36	4222537.35	18.64	4.15	2.44E-7	10.00		4.65	3.86
	L0004633	566096.80	4222527.36	18.35	4.15	2.44E-7	10.00		4.65	3.86
	L0004634	566096.25	4222517.38	18.05	4.15	2.44E-7	10.00		4.65	3.86
	L0004635	566094.97	4222507.46	18.30	4.15	2.44E-7	10.00		4.65	3.86
	L0004636	566093.67	4222497.54	18.58	4.15	2.44E-7	10.00		4.65	3.86
	L0004637	566092.38	4222487.63	18.85	4.15	2.44E-7	10.00		4.65	3.86
	L0004638	566090.90	4222477.74	18.97	4.15	2.44E-7	10.00		4.65	3.86
	L0004639	566089.25	4222467.88	18.94	4.15	2.44E-7	10.00		4.65	3.86
	L0004640	566087.60	4222458.01	18.90	4.15	2.44E-7	10.00		4.65	3.86
	L0004641	566085.60	4222448.23	18.84	4.15	2.44E-7	10.00		4.65	3.86
	L0004642	566083.02	4222438.57	18.73	4.15	2.44E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

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Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
MINI.DR_FD1	L0004643	566080.43	4222428.91	18.61	4.15	2.44E-7	10.00		4.65	3.86
	L0004644	566077.73	4222419.28	18.49	4.15	2.44E-7	10.00		4.65	3.86
	L0004645	566074.70	4222409.75	18.34	4.15	2.44E-7	10.00		4.65	3.86
	L0004646	566071.67	4222400.22	18.19	4.15	2.44E-7	10.00		4.65	3.86
	L0004647	566068.62	4222390.70	18.06	4.15	2.44E-7	10.00		4.65	3.86
	L0004648	566065.20	4222381.30	18.36	4.15	2.44E-7	10.00		4.65	3.86
	L0004649	566061.78	4222371.90	18.66	4.15	2.44E-7	10.00		4.65	3.86
	L0004650	566058.18	4222362.58	18.86	4.15	2.44E-7	10.00		4.65	3.86
	L0004651	566053.74	4222353.62	18.67	4.15	2.44E-7	10.00		4.65	3.86
	L0004652	566049.29	4222344.67	18.47	4.15	2.44E-7	10.00		4.65	3.86
	L0004653	566044.85	4222335.71	18.27	4.15	2.44E-7	10.00		4.65	3.86
	L0004654	566040.40	4222326.75	18.07	4.15	2.44E-7	10.00		4.65	3.86
	L0004655	566035.88	4222317.83	17.90	4.15	2.44E-7	10.00		4.65	3.86
	L0004656	566031.10	4222309.05	17.82	4.15	2.44E-7	10.00		4.65	3.86
	L0004657	566026.31	4222300.27	17.74	4.15	2.44E-7	10.00		4.65	3.86
	L0004658	566021.53	4222291.49	17.65	4.15	2.44E-7	10.00		4.65	3.86
	L0004659	566015.91	4222283.22	17.37	4.15	2.44E-7	10.00		4.65	3.86

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
MINI.DR_DPM2	L0004660	565871.21	4223005.25	29.69	4.15	1.46E-7	10.00		4.65	3.86
	L0004661	565878.17	4222998.07	29.80	4.15	1.46E-7	10.00		4.65	3.86
	L0004662	565885.13	4222990.90	29.91	4.15	1.46E-7	10.00		4.65	3.86
	L0004663	565892.09	4222983.72	30.02	4.15	1.46E-7	10.00		4.65	3.86
	L0004664	565899.05	4222976.54	30.13	4.15	1.46E-7	10.00		4.65	3.86
	L0004665	565906.01	4222969.36	30.24	4.15	1.46E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

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Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
MINI.DR_DPM2	L0004666	565912.98	4222962.18	30.35	4.15	1.46E-7	10.00		4.65	3.86
	L0004667	565919.94	4222955.00	30.46	4.15	1.46E-7	10.00		4.65	3.86
	L0004668	565926.90	4222947.82	30.57	4.15	1.46E-7	10.00		4.65	3.86
	L0004669	565933.86	4222940.64	30.68	4.15	1.46E-7	10.00		4.65	3.86
	L0004670	565940.82	4222933.46	30.79	4.15	1.46E-7	10.00		4.65	3.86
	L0004671	565947.78	4222926.28	30.90	4.15	1.46E-7	10.00		4.65	3.86
	L0004672	565954.74	4222919.10	31.01	4.15	1.46E-7	10.00		4.65	3.86
	L0004673	565961.70	4222911.92	31.12	4.15	1.46E-7	10.00		4.65	3.86
	L0004674	565968.67	4222904.74	31.23	4.15	1.46E-7	10.00		4.65	3.86
	L0004675	565975.63	4222897.57	31.34	4.15	1.46E-7	10.00		4.65	3.86
	L0004676	565982.59	4222890.39	31.45	4.15	1.46E-7	10.00		4.65	3.86
	L0004677	565989.53	4222883.19	31.56	4.15	1.46E-7	10.00		4.65	3.86
	L0004678	565995.17	4222874.93	31.71	4.15	1.46E-7	10.00		4.65	3.86
	L0004679	566000.80	4222866.67	31.85	4.15	1.46E-7	10.00		4.65	3.86
	L0004680	566006.43	4222858.41	32.00	4.15	1.46E-7	10.00		4.65	3.86
	L0004681	566011.85	4222850.00	32.15	4.15	1.46E-7	10.00		4.65	3.86
	L0004682	566017.27	4222841.60	32.31	4.15	1.46E-7	10.00		4.65	3.86
	L0004683	566022.69	4222833.19	32.46	4.15	1.46E-7	10.00		4.65	3.86
	L0004684	566027.93	4222824.68	32.35	4.15	1.46E-7	10.00		4.65	3.86
	L0004685	566033.16	4222816.15	32.23	4.15	1.46E-7	10.00		4.65	3.86
	L0004686	566038.39	4222807.63	32.11	4.15	1.46E-7	10.00		4.65	3.86
	L0004687	566043.48	4222799.03	31.96	4.15	1.46E-7	10.00		4.65	3.86
	L0004688	566047.66	4222789.95	31.67	4.15	1.46E-7	10.00		4.65	3.86
	L0004689	566051.84	4222780.86	31.38	4.15	1.46E-7	10.00		4.65	3.86
	L0004690	566056.02	4222771.78	31.09	4.15	1.46E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

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Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
MINI.DR_DPM2	L0004691	566060.03	4222762.62	30.81	4.15	1.46E-7	10.00		4.65	3.86
	L0004692	566063.33	4222753.19	30.57	4.15	1.46E-7	10.00		4.65	3.86
	L0004693	566066.64	4222743.75	30.33	4.15	1.46E-7	10.00		4.65	3.86
	L0004694	566069.95	4222734.31	30.09	4.15	1.46E-7	10.00		4.65	3.86
	L0004695	566073.26	4222724.88	29.85	4.15	1.46E-7	10.00		4.65	3.86
	L0004696	566076.10	4222715.30	29.54	4.15	1.46E-7	10.00		4.65	3.86
	L0004697	566078.57	4222705.61	29.18	4.15	1.46E-7	10.00		4.65	3.86
	L0004698	566081.05	4222695.92	28.81	4.15	1.46E-7	10.00		4.65	3.86
	L0004699	566083.33	4222686.19	28.31	4.15	1.46E-7	10.00		4.65	3.86
	L0004700	566085.22	4222676.37	27.54	4.15	1.46E-7	10.00		4.65	3.86
	L0004701	566087.11	4222666.55	26.78	4.15	1.46E-7	10.00		4.65	3.86
	L0004702	566089.00	4222656.73	26.01	4.15	1.46E-7	10.00		4.65	3.86
	L0004703	566090.89	4222646.91	25.25	4.15	1.46E-7	10.00		4.65	3.86
	L0004704	566092.22	4222637.00	24.93	4.15	1.46E-7	10.00		4.65	3.86
	L0004705	566093.40	4222627.07	24.74	4.15	1.46E-7	10.00		4.65	3.86
	L0004706	566094.57	4222617.14	24.54	4.15	1.46E-7	10.00		4.65	3.86
	L0004707	566095.74	4222607.21	24.35	4.15	1.46E-7	10.00		4.65	3.86
	L0004708	566096.91	4222597.28	24.16	4.15	1.46E-7	10.00		4.65	3.86
	L0004709	566097.58	4222587.31	23.39	4.15	1.46E-7	10.00		4.65	3.86
	L0004710	566097.79	4222577.31	22.11	4.15	1.46E-7	10.00		4.65	3.86
	L0004711	566098.00	4222567.32	20.84	4.15	1.46E-7	10.00		4.65	3.86
	L0004712	566098.22	4222557.32	19.56	4.15	1.46E-7	10.00		4.65	3.86
	L0004713	566097.91	4222547.33	18.94	4.15	1.46E-7	10.00		4.65	3.86
	L0004714	566097.36	4222537.35	18.64	4.15	1.46E-7	10.00		4.65	3.86
	L0004715	566096.80	4222527.36	18.35	4.15	1.46E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

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Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
MINI.DR_DPM2	L0004716	566096.25	4222517.38	18.05	4.15	1.46E-7	10.00		4.65	3.86
	L0004717	566094.97	4222507.46	18.30	4.15	1.46E-7	10.00		4.65	3.86
	L0004718	566093.67	4222497.54	18.58	4.15	1.46E-7	10.00		4.65	3.86
	L0004719	566092.38	4222487.63	18.85	4.15	1.46E-7	10.00		4.65	3.86
	L0004720	566090.90	4222477.74	18.97	4.15	1.46E-7	10.00		4.65	3.86
	L0004721	566089.25	4222467.88	18.94	4.15	1.46E-7	10.00		4.65	3.86
	L0004722	566087.60	4222458.01	18.90	4.15	1.46E-7	10.00		4.65	3.86
	L0004723	566085.60	4222448.23	18.84	4.15	1.46E-7	10.00		4.65	3.86
	L0004724	566083.02	4222438.57	18.73	4.15	1.46E-7	10.00		4.65	3.86
	L0004725	566080.43	4222428.91	18.61	4.15	1.46E-7	10.00		4.65	3.86
	L0004726	566077.73	4222419.28	18.49	4.15	1.46E-7	10.00		4.65	3.86
	L0004727	566074.70	4222409.75	18.34	4.15	1.46E-7	10.00		4.65	3.86
	L0004728	566071.67	4222400.22	18.19	4.15	1.46E-7	10.00		4.65	3.86
	L0004729	566068.62	4222390.70	18.06	4.15	1.46E-7	10.00		4.65	3.86
	L0004730	566065.20	4222381.30	18.36	4.15	1.46E-7	10.00		4.65	3.86
	L0004731	566061.78	4222371.90	18.66	4.15	1.46E-7	10.00		4.65	3.86
	L0004732	566058.18	4222362.58	18.86	4.15	1.46E-7	10.00		4.65	3.86
	L0004733	566053.74	4222353.62	18.67	4.15	1.46E-7	10.00		4.65	3.86
	L0004734	566049.29	4222344.67	18.47	4.15	1.46E-7	10.00		4.65	3.86
	L0004735	566044.85	4222335.71	18.27	4.15	1.46E-7	10.00		4.65	3.86
	L0004736	566040.40	4222326.75	18.07	4.15	1.46E-7	10.00		4.65	3.86
	L0004737	566035.88	4222317.83	17.90	4.15	1.46E-7	10.00		4.65	3.86
	L0004738	566031.10	4222309.05	17.82	4.15	1.46E-7	10.00		4.65	3.86
	L0004739	566026.31	4222300.27	17.74	4.15	1.46E-7	10.00		4.65	3.86
	L0004740	566021.53	4222291.49	17.65	4.15	1.46E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimension [m]	Initial Vertical Dimension [m]
MINI.DR_DPM2	L0004741	566015.91	4222283.22	17.37	4.15	1.46E-7	10.00		4.65	3.86

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimension [m]	Initial Vertical Dimension [m]
MINI.DR_FD2	L0004742	565871.21	4223005.25	29.69	4.15	1.46E-7	10.00		4.65	3.86
	L0004743	565878.17	4222998.07	29.80	4.15	1.46E-7	10.00		4.65	3.86
	L0004744	565885.13	4222990.90	29.91	4.15	1.46E-7	10.00		4.65	3.86
	L0004745	565892.09	4222983.72	30.02	4.15	1.46E-7	10.00		4.65	3.86
	L0004746	565899.05	4222976.54	30.13	4.15	1.46E-7	10.00		4.65	3.86
	L0004747	565906.01	4222969.36	30.24	4.15	1.46E-7	10.00		4.65	3.86
	L0004748	565912.98	4222962.18	30.35	4.15	1.46E-7	10.00		4.65	3.86
	L0004749	565919.94	4222955.00	30.46	4.15	1.46E-7	10.00		4.65	3.86
	L0004750	565926.90	4222947.82	30.57	4.15	1.46E-7	10.00		4.65	3.86
	L0004751	565933.86	4222940.64	30.68	4.15	1.46E-7	10.00		4.65	3.86
	L0004752	565940.82	4222933.46	30.79	4.15	1.46E-7	10.00		4.65	3.86
	L0004753	565947.78	4222926.28	30.90	4.15	1.46E-7	10.00		4.65	3.86
	L0004754	565954.74	4222919.10	31.01	4.15	1.46E-7	10.00		4.65	3.86
	L0004755	565961.70	4222911.92	31.12	4.15	1.46E-7	10.00		4.65	3.86
	L0004756	565968.67	4222904.74	31.23	4.15	1.46E-7	10.00		4.65	3.86
	L0004757	565975.63	4222897.57	31.34	4.15	1.46E-7	10.00		4.65	3.86
	L0004758	565982.59	4222890.39	31.45	4.15	1.46E-7	10.00		4.65	3.86
	L0004759	565989.53	4222883.19	31.56	4.15	1.46E-7	10.00		4.65	3.86
	L0004760	565995.17	4222874.93	31.71	4.15	1.46E-7	10.00		4.65	3.86
	L0004761	566000.80	4222866.67	31.85	4.15	1.46E-7	10.00		4.65	3.86
	L0004762	566006.43	4222858.41	32.00	4.15	1.46E-7	10.00		4.65	3.86
	L0004763	566011.85	4222850.00	32.15	4.15	1.46E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
MINI.DR_FD2	L0004764	566017.27	4222841.60	32.31	4.15	1.46E-7	10.00		4.65	3.86
	L0004765	566022.69	4222833.19	32.46	4.15	1.46E-7	10.00		4.65	3.86
	L0004766	566027.93	4222824.68	32.35	4.15	1.46E-7	10.00		4.65	3.86
	L0004767	566033.16	4222816.15	32.23	4.15	1.46E-7	10.00		4.65	3.86
	L0004768	566038.39	4222807.63	32.11	4.15	1.46E-7	10.00		4.65	3.86
	L0004769	566043.48	4222799.03	31.96	4.15	1.46E-7	10.00		4.65	3.86
	L0004770	566047.66	4222789.95	31.67	4.15	1.46E-7	10.00		4.65	3.86
	L0004771	566051.84	4222780.86	31.38	4.15	1.46E-7	10.00		4.65	3.86
	L0004772	566056.02	4222771.78	31.09	4.15	1.46E-7	10.00		4.65	3.86
	L0004773	566060.03	4222762.62	30.81	4.15	1.46E-7	10.00		4.65	3.86
	L0004774	566063.33	4222753.19	30.57	4.15	1.46E-7	10.00		4.65	3.86
	L0004775	566066.64	4222743.75	30.33	4.15	1.46E-7	10.00		4.65	3.86
	L0004776	566069.95	4222734.31	30.09	4.15	1.46E-7	10.00		4.65	3.86
	L0004777	566073.26	4222724.88	29.85	4.15	1.46E-7	10.00		4.65	3.86
	L0004778	566076.10	4222715.30	29.54	4.15	1.46E-7	10.00		4.65	3.86
	L0004779	566078.57	4222705.61	29.18	4.15	1.46E-7	10.00		4.65	3.86
	L0004780	566081.05	4222695.92	28.81	4.15	1.46E-7	10.00		4.65	3.86
	L0004781	566083.33	4222686.19	28.31	4.15	1.46E-7	10.00		4.65	3.86
	L0004782	566085.22	4222676.37	27.54	4.15	1.46E-7	10.00		4.65	3.86
	L0004783	566087.11	4222666.55	26.78	4.15	1.46E-7	10.00		4.65	3.86
	L0004784	566089.00	4222656.73	26.01	4.15	1.46E-7	10.00		4.65	3.86
	L0004785	566090.89	4222646.91	25.25	4.15	1.46E-7	10.00		4.65	3.86
	L0004786	566092.22	4222637.00	24.93	4.15	1.46E-7	10.00		4.65	3.86
	L0004787	566093.40	4222627.07	24.74	4.15	1.46E-7	10.00		4.65	3.86
	L0004788	566094.57	4222617.14	24.54	4.15	1.46E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
MINI.DR_FD2	L0004789	566095.74	4222607.21	24.35	4.15	1.46E-7	10.00		4.65	3.86
	L0004790	566096.91	4222597.28	24.16	4.15	1.46E-7	10.00		4.65	3.86
	L0004791	566097.58	4222587.31	23.39	4.15	1.46E-7	10.00		4.65	3.86
	L0004792	566097.79	4222577.31	22.11	4.15	1.46E-7	10.00		4.65	3.86
	L0004793	566098.00	4222567.32	20.84	4.15	1.46E-7	10.00		4.65	3.86
	L0004794	566098.22	4222557.32	19.56	4.15	1.46E-7	10.00		4.65	3.86
	L0004795	566097.91	4222547.33	18.94	4.15	1.46E-7	10.00		4.65	3.86
	L0004796	566097.36	4222537.35	18.64	4.15	1.46E-7	10.00		4.65	3.86
	L0004797	566096.80	4222527.36	18.35	4.15	1.46E-7	10.00		4.65	3.86
	L0004798	566096.25	4222517.38	18.05	4.15	1.46E-7	10.00		4.65	3.86
	L0004799	566094.97	4222507.46	18.30	4.15	1.46E-7	10.00		4.65	3.86
	L0004800	566093.67	4222497.54	18.58	4.15	1.46E-7	10.00		4.65	3.86
	L0004801	566092.38	4222487.63	18.85	4.15	1.46E-7	10.00		4.65	3.86
	L0004802	566090.90	4222477.74	18.97	4.15	1.46E-7	10.00		4.65	3.86
	L0004803	566089.25	4222467.88	18.94	4.15	1.46E-7	10.00		4.65	3.86
	L0004804	566087.60	4222458.01	18.90	4.15	1.46E-7	10.00		4.65	3.86
	L0004805	566085.60	4222448.23	18.84	4.15	1.46E-7	10.00		4.65	3.86
	L0004806	566083.02	4222438.57	18.73	4.15	1.46E-7	10.00		4.65	3.86
	L0004807	566080.43	4222428.91	18.61	4.15	1.46E-7	10.00		4.65	3.86
	L0004808	566077.73	4222419.28	18.49	4.15	1.46E-7	10.00		4.65	3.86
	L0004809	566074.70	4222409.75	18.34	4.15	1.46E-7	10.00		4.65	3.86
	L0004810	566071.67	4222400.22	18.19	4.15	1.46E-7	10.00		4.65	3.86
	L0004811	566068.62	4222390.70	18.06	4.15	1.46E-7	10.00		4.65	3.86
	L0004812	566065.20	4222381.30	18.36	4.15	1.46E-7	10.00		4.65	3.86
	L0004813	566061.78	4222371.90	18.66	4.15	1.46E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
MINI.DR_FD2	L0004814	566058.18	4222362.58	18.86	4.15	1.46E-7	10.00		4.65	3.86
	L0004815	566053.74	4222353.62	18.67	4.15	1.46E-7	10.00		4.65	3.86
	L0004816	566049.29	4222344.67	18.47	4.15	1.46E-7	10.00		4.65	3.86
	L0004817	566044.85	4222335.71	18.27	4.15	1.46E-7	10.00		4.65	3.86
	L0004818	566040.40	4222326.75	18.07	4.15	1.46E-7	10.00		4.65	3.86
	L0004819	566035.88	4222317.83	17.90	4.15	1.46E-7	10.00		4.65	3.86
	L0004820	566031.10	4222309.05	17.82	4.15	1.46E-7	10.00		4.65	3.86
	L0004821	566026.31	4222300.27	17.74	4.15	1.46E-7	10.00		4.65	3.86
	L0004822	566021.53	4222291.49	17.65	4.15	1.46E-7	10.00		4.65	3.86
	L0004823	566015.91	4222283.22	17.37	4.15	1.46E-7	10.00		4.65	3.86

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
CO.AVE_DPM1	L0004824	566062.30	4222784.18	31.79	4.15	2.21E-7	10.00		4.65	3.86
	L0004825	566071.52	4222788.05	31.56	4.15	2.21E-7	10.00		4.65	3.86
	L0004826	566080.74	4222791.91	31.34	4.15	2.21E-7	10.00		4.65	3.86
	L0004827	566089.97	4222795.77	31.11	4.15	2.21E-7	10.00		4.65	3.86
	L0004828	566098.54	4222800.90	31.35	4.15	2.21E-7	10.00		4.65	3.86
	L0004829	566107.09	4222806.10	31.61	4.15	2.21E-7	10.00		4.65	3.86
	L0004830	566115.63	4222811.30	31.88	4.15	2.21E-7	10.00		4.65	3.86
	L0004831	566123.88	4222816.95	32.13	4.15	2.21E-7	10.00		4.65	3.86
	L0004832	566132.04	4222822.72	32.39	4.15	2.21E-7	10.00		4.65	3.86
	L0004833	566140.21	4222828.49	32.64	4.15	2.21E-7	10.00		4.65	3.86
	L0004834	566148.38	4222834.26	32.90	4.15	2.21E-7	10.00		4.65	3.86
	L0004835	566156.16	4222840.53	33.38	4.15	2.21E-7	10.00		4.65	3.86
	L0004836	566163.77	4222847.02	33.97	4.15	2.21E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
CO.AVE_DPM1	L0004837	566171.37	4222853.51	34.56	4.15	2.21E-7	10.00		4.65	3.86
	L0004838	566178.98	4222860.00	35.14	4.15	2.21E-7	10.00		4.65	3.86
	L0004839	566186.24	4222866.84	35.72	4.15	2.21E-7	10.00		4.65	3.86
	L0004840	566192.88	4222874.32	36.27	4.15	2.21E-7	10.00		4.65	3.86
	L0004841	566199.51	4222881.81	36.83	4.15	2.21E-7	10.00		4.65	3.86
	L0004842	566206.15	4222889.29	37.38	4.15	2.21E-7	10.00		4.65	3.86
	L0004843	566213.04	4222896.53	38.11	4.15	2.21E-7	10.00		4.65	3.86
	L0004844	566220.00	4222903.71	38.89	4.15	2.21E-7	10.00		4.65	3.86
	L0004845	566226.95	4222910.89	39.67	4.15	2.21E-7	10.00		4.65	3.86
	L0004846	566233.91	4222918.08	40.45	4.15	2.21E-7	10.00		4.65	3.86
	L0004847	566240.87	4222925.26	41.23	4.15	2.21E-7	10.00		4.65	3.86
	L0004848	566247.83	4222932.44	42.01	4.15	2.21E-7	10.00		4.65	3.86
	L0004849	566254.79	4222939.62	42.79	4.15	2.21E-7	10.00		4.65	3.86
	L0004850	566261.75	4222946.80	43.56	4.15	2.21E-7	10.00		4.65	3.86
	L0004851	566268.75	4222953.94	43.67	4.15	2.21E-7	10.00		4.65	3.86
	L0004852	566275.78	4222961.06	43.16	4.15	2.21E-7	10.00		4.65	3.86
	L0004853	566282.80	4222968.17	42.65	4.15	2.21E-7	10.00		4.65	3.86
	L0004854	566289.83	4222975.29	42.14	4.15	2.21E-7	10.00		4.65	3.86
	L0004855	566296.86	4222982.40	41.62	4.15	2.21E-7	10.00		4.65	3.86
	L0004856	566303.88	4222989.52	41.11	4.15	2.21E-7	10.00		4.65	3.86
	L0004857	566310.91	4222996.63	40.60	4.15	2.21E-7	10.00		4.65	3.86
	L0004858	566317.94	4223003.75	40.08	4.15	2.21E-7	10.00		4.65	3.86
	L0004859	566324.96	4223010.86	39.57	4.15	2.21E-7	10.00		4.65	3.86
	L0004860	566331.99	4223017.98	39.06	4.15	2.21E-7	10.00		4.65	3.86
	L0004861	566339.02	4223025.09	38.54	4.15	2.21E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
CO.AVE_DPM1	L0004862	566346.04	4223032.21	38.03	4.15	2.21E-7	10.00		4.65	3.86
	L0004863	566353.07	4223039.32	37.52	4.15	2.21E-7	10.00		4.65	3.86
	L0004864	566360.10	4223046.44	37.00	4.15	2.21E-7	10.00		4.65	3.86
	L0004865	566367.12	4223053.55	36.49	4.15	2.21E-7	10.00		4.65	3.86
	L0004866	566374.15	4223060.67	35.98	4.15	2.21E-7	10.00		4.65	3.86
	L0004867	566381.13	4223067.83	34.68	4.15	2.21E-7	10.00		4.65	3.86
	L0004868	566388.10	4223075.01	33.31	4.15	2.21E-7	10.00		4.65	3.86
	L0004869	566395.07	4223082.18	31.93	4.15	2.21E-7	10.00		4.65	3.86
	L0004870	566402.04	4223089.35	30.56	4.15	2.21E-7	10.00		4.65	3.86
	L0004871	566409.01	4223096.52	29.18	4.15	2.21E-7	10.00		4.65	3.86

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
CO.AVE_FD1	L0004872	566062.30	4222784.18	31.79	4.15	2.46E-7	10.00		4.65	3.86
	L0004873	566071.52	4222788.05	31.56	4.15	2.46E-7	10.00		4.65	3.86
	L0004874	566080.74	4222791.91	31.34	4.15	2.46E-7	10.00		4.65	3.86
	L0004875	566089.97	4222795.77	31.11	4.15	2.46E-7	10.00		4.65	3.86
	L0004876	566098.54	4222800.90	31.35	4.15	2.46E-7	10.00		4.65	3.86
	L0004877	566107.09	4222806.10	31.61	4.15	2.46E-7	10.00		4.65	3.86
	L0004878	566115.63	4222811.30	31.88	4.15	2.46E-7	10.00		4.65	3.86
	L0004879	566123.88	4222816.95	32.13	4.15	2.46E-7	10.00		4.65	3.86
	L0004880	566132.04	4222822.72	32.39	4.15	2.46E-7	10.00		4.65	3.86
	L0004881	566140.21	4222828.49	32.64	4.15	2.46E-7	10.00		4.65	3.86
	L0004882	566148.38	4222834.26	32.90	4.15	2.46E-7	10.00		4.65	3.86
	L0004883	566156.16	4222840.53	33.38	4.15	2.46E-7	10.00		4.65	3.86
	L0004884	566163.77	4222847.02	33.97	4.15	2.46E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
CO.AVE_FD1	L0004885	566171.37	4222853.51	34.56	4.15	2.46E-7	10.00		4.65	3.86
	L0004886	566178.98	4222860.00	35.14	4.15	2.46E-7	10.00		4.65	3.86
	L0004887	566186.24	4222866.84	35.72	4.15	2.46E-7	10.00		4.65	3.86
	L0004888	566192.88	4222874.32	36.27	4.15	2.46E-7	10.00		4.65	3.86
	L0004889	566199.51	4222881.81	36.83	4.15	2.46E-7	10.00		4.65	3.86
	L0004890	566206.15	4222889.29	37.38	4.15	2.46E-7	10.00		4.65	3.86
	L0004891	566213.04	4222896.53	38.11	4.15	2.46E-7	10.00		4.65	3.86
	L0004892	566220.00	4222903.71	38.89	4.15	2.46E-7	10.00		4.65	3.86
	L0004893	566226.95	4222910.89	39.67	4.15	2.46E-7	10.00		4.65	3.86
	L0004894	566233.91	4222918.08	40.45	4.15	2.46E-7	10.00		4.65	3.86
	L0004895	566240.87	4222925.26	41.23	4.15	2.46E-7	10.00		4.65	3.86
	L0004896	566247.83	4222932.44	42.01	4.15	2.46E-7	10.00		4.65	3.86
	L0004897	566254.79	4222939.62	42.79	4.15	2.46E-7	10.00		4.65	3.86
	L0004898	566261.75	4222946.80	43.56	4.15	2.46E-7	10.00		4.65	3.86
	L0004899	566268.75	4222953.94	43.67	4.15	2.46E-7	10.00		4.65	3.86
	L0004900	566275.78	4222961.06	43.16	4.15	2.46E-7	10.00		4.65	3.86
	L0004901	566282.80	4222968.17	42.65	4.15	2.46E-7	10.00		4.65	3.86
	L0004902	566289.83	4222975.29	42.14	4.15	2.46E-7	10.00		4.65	3.86
	L0004903	566296.86	4222982.40	41.62	4.15	2.46E-7	10.00		4.65	3.86
	L0004904	566303.88	4222989.52	41.11	4.15	2.46E-7	10.00		4.65	3.86
	L0004905	566310.91	4222996.63	40.60	4.15	2.46E-7	10.00		4.65	3.86
	L0004906	566317.94	4223003.75	40.08	4.15	2.46E-7	10.00		4.65	3.86
	L0004907	566324.96	4223010.86	39.57	4.15	2.46E-7	10.00		4.65	3.86
	L0004908	566331.99	4223017.98	39.06	4.15	2.46E-7	10.00		4.65	3.86
	L0004909	566339.02	4223025.09	38.54	4.15	2.46E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
CO.AVE_FD1	L0004910	566346.04	4223032.21	38.03	4.15	2.46E-7	10.00		4.65	3.86
	L0004911	566353.07	4223039.32	37.52	4.15	2.46E-7	10.00		4.65	3.86
	L0004912	566360.10	4223046.44	37.00	4.15	2.46E-7	10.00		4.65	3.86
	L0004913	566367.12	4223053.55	36.49	4.15	2.46E-7	10.00		4.65	3.86
	L0004914	566374.15	4223060.67	35.98	4.15	2.46E-7	10.00		4.65	3.86
	L0004915	566381.13	4223067.83	34.68	4.15	2.46E-7	10.00		4.65	3.86
	L0004916	566388.10	4223075.01	33.31	4.15	2.46E-7	10.00		4.65	3.86
	L0004917	566395.07	4223082.18	31.93	4.15	2.46E-7	10.00		4.65	3.86
	L0004918	566402.04	4223089.35	30.56	4.15	2.46E-7	10.00		4.65	3.86
	L0004919	566409.01	4223096.52	29.18	4.15	2.46E-7	10.00		4.65	3.86

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
CO.AVE_DPM2	L0004920	566062.30	4222784.18	31.79	4.15	1.47E-7	10.00		4.65	3.86
	L0004921	566071.52	4222788.05	31.56	4.15	1.47E-7	10.00		4.65	3.86
	L0004922	566080.74	4222791.91	31.34	4.15	1.47E-7	10.00		4.65	3.86
	L0004923	566089.97	4222795.77	31.11	4.15	1.47E-7	10.00		4.65	3.86
	L0004924	566098.54	4222800.90	31.35	4.15	1.47E-7	10.00		4.65	3.86
	L0004925	566107.09	4222806.10	31.61	4.15	1.47E-7	10.00		4.65	3.86
	L0004926	566115.63	4222811.30	31.88	4.15	1.47E-7	10.00		4.65	3.86
	L0004927	566123.88	4222816.95	32.13	4.15	1.47E-7	10.00		4.65	3.86
	L0004928	566132.04	4222822.72	32.39	4.15	1.47E-7	10.00		4.65	3.86
	L0004929	566140.21	4222828.49	32.64	4.15	1.47E-7	10.00		4.65	3.86
	L0004930	566148.38	4222834.26	32.90	4.15	1.47E-7	10.00		4.65	3.86
	L0004931	566156.16	4222840.53	33.38	4.15	1.47E-7	10.00		4.65	3.86
	L0004932	566163.77	4222847.02	33.97	4.15	1.47E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
CO.AVE_DPM2	L0004933	566171.37	4222853.51	34.56	4.15	1.47E-7	10.00		4.65	3.86
	L0004934	566178.98	4222860.00	35.14	4.15	1.47E-7	10.00		4.65	3.86
	L0004935	566186.24	4222866.84	35.72	4.15	1.47E-7	10.00		4.65	3.86
	L0004936	566192.88	4222874.32	36.27	4.15	1.47E-7	10.00		4.65	3.86
	L0004937	566199.51	4222881.81	36.83	4.15	1.47E-7	10.00		4.65	3.86
	L0004938	566206.15	4222889.29	37.38	4.15	1.47E-7	10.00		4.65	3.86
	L0004939	566213.04	4222896.53	38.11	4.15	1.47E-7	10.00		4.65	3.86
	L0004940	566220.00	4222903.71	38.89	4.15	1.47E-7	10.00		4.65	3.86
	L0004941	566226.95	4222910.89	39.67	4.15	1.47E-7	10.00		4.65	3.86
	L0004942	566233.91	4222918.08	40.45	4.15	1.47E-7	10.00		4.65	3.86
	L0004943	566240.87	4222925.26	41.23	4.15	1.47E-7	10.00		4.65	3.86
	L0004944	566247.83	4222932.44	42.01	4.15	1.47E-7	10.00		4.65	3.86
	L0004945	566254.79	4222939.62	42.79	4.15	1.47E-7	10.00		4.65	3.86
	L0004946	566261.75	4222946.80	43.56	4.15	1.47E-7	10.00		4.65	3.86
	L0004947	566268.75	4222953.94	43.67	4.15	1.47E-7	10.00		4.65	3.86
	L0004948	566275.78	4222961.06	43.16	4.15	1.47E-7	10.00		4.65	3.86
	L0004949	566282.80	4222968.17	42.65	4.15	1.47E-7	10.00		4.65	3.86
	L0004950	566289.83	4222975.29	42.14	4.15	1.47E-7	10.00		4.65	3.86
	L0004951	566296.86	4222982.40	41.62	4.15	1.47E-7	10.00		4.65	3.86
	L0004952	566303.88	4222989.52	41.11	4.15	1.47E-7	10.00		4.65	3.86
	L0004953	566310.91	4222996.63	40.60	4.15	1.47E-7	10.00		4.65	3.86
	L0004954	566317.94	4223003.75	40.08	4.15	1.47E-7	10.00		4.65	3.86
	L0004955	566324.96	4223010.86	39.57	4.15	1.47E-7	10.00		4.65	3.86
	L0004956	566331.99	4223017.98	39.06	4.15	1.47E-7	10.00		4.65	3.86
	L0004957	566339.02	4223025.09	38.54	4.15	1.47E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
CO.AVE_DPM2	L0004958	566346.04	4223032.21	38.03	4.15	1.47E-7	10.00		4.65	3.86
	L0004959	566353.07	4223039.32	37.52	4.15	1.47E-7	10.00		4.65	3.86
	L0004960	566360.10	4223046.44	37.00	4.15	1.47E-7	10.00		4.65	3.86
	L0004961	566367.12	4223053.55	36.49	4.15	1.47E-7	10.00		4.65	3.86
	L0004962	566374.15	4223060.67	35.98	4.15	1.47E-7	10.00		4.65	3.86
	L0004963	566381.13	4223067.83	34.68	4.15	1.47E-7	10.00		4.65	3.86
	L0004964	566388.10	4223075.01	33.31	4.15	1.47E-7	10.00		4.65	3.86
	L0004965	566395.07	4223082.18	31.93	4.15	1.47E-7	10.00		4.65	3.86
	L0004966	566402.04	4223089.35	30.56	4.15	1.47E-7	10.00		4.65	3.86
	L0004967	566409.01	4223096.52	29.18	4.15	1.47E-7	10.00		4.65	3.86

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
CO.AVE_FD2	L0004968	566062.30	4222784.18	31.79	4.15	1.47E-7	10.00		4.65	3.86
	L0004969	566071.52	4222788.05	31.56	4.15	1.47E-7	10.00		4.65	3.86
	L0004970	566080.74	4222791.91	31.34	4.15	1.47E-7	10.00		4.65	3.86
	L0004971	566089.97	4222795.77	31.11	4.15	1.47E-7	10.00		4.65	3.86
	L0004972	566098.54	4222800.90	31.35	4.15	1.47E-7	10.00		4.65	3.86
	L0004973	566107.09	4222806.10	31.61	4.15	1.47E-7	10.00		4.65	3.86
	L0004974	566115.63	4222811.30	31.88	4.15	1.47E-7	10.00		4.65	3.86
	L0004975	566123.88	4222816.95	32.13	4.15	1.47E-7	10.00		4.65	3.86
	L0004976	566132.04	4222822.72	32.39	4.15	1.47E-7	10.00		4.65	3.86
	L0004977	566140.21	4222828.49	32.64	4.15	1.47E-7	10.00		4.65	3.86
	L0004978	566148.38	4222834.26	32.90	4.15	1.47E-7	10.00		4.65	3.86
	L0004979	566156.16	4222840.53	33.38	4.15	1.47E-7	10.00		4.65	3.86
	L0004980	566163.77	4222847.02	33.97	4.15	1.47E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
CO.AVE_FD2	L0004981	566171.37	4222853.51	34.56	4.15	1.47E-7	10.00		4.65	3.86
	L0004982	566178.98	4222860.00	35.14	4.15	1.47E-7	10.00		4.65	3.86
	L0004983	566186.24	4222866.84	35.72	4.15	1.47E-7	10.00		4.65	3.86
	L0004984	566192.88	4222874.32	36.27	4.15	1.47E-7	10.00		4.65	3.86
	L0004985	566199.51	4222881.81	36.83	4.15	1.47E-7	10.00		4.65	3.86
	L0004986	566206.15	4222889.29	37.38	4.15	1.47E-7	10.00		4.65	3.86
	L0004987	566213.04	4222896.53	38.11	4.15	1.47E-7	10.00		4.65	3.86
	L0004988	566220.00	4222903.71	38.89	4.15	1.47E-7	10.00		4.65	3.86
	L0004989	566226.95	4222910.89	39.67	4.15	1.47E-7	10.00		4.65	3.86
	L0004990	566233.91	4222918.08	40.45	4.15	1.47E-7	10.00		4.65	3.86
	L0004991	566240.87	4222925.26	41.23	4.15	1.47E-7	10.00		4.65	3.86
	L0004992	566247.83	4222932.44	42.01	4.15	1.47E-7	10.00		4.65	3.86
	L0004993	566254.79	4222939.62	42.79	4.15	1.47E-7	10.00		4.65	3.86
	L0004994	566261.75	4222946.80	43.56	4.15	1.47E-7	10.00		4.65	3.86
	L0004995	566268.75	4222953.94	43.67	4.15	1.47E-7	10.00		4.65	3.86
	L0004996	566275.78	4222961.06	43.16	4.15	1.47E-7	10.00		4.65	3.86
	L0004997	566282.80	4222968.17	42.65	4.15	1.47E-7	10.00		4.65	3.86
	L0004998	566289.83	4222975.29	42.14	4.15	1.47E-7	10.00		4.65	3.86
	L0004999	566296.86	4222982.40	41.62	4.15	1.47E-7	10.00		4.65	3.86
	L0005000	566303.88	4222989.52	41.11	4.15	1.47E-7	10.00		4.65	3.86
	L0005001	566310.91	4222996.63	40.60	4.15	1.47E-7	10.00		4.65	3.86
	L0005002	566317.94	4223003.75	40.08	4.15	1.47E-7	10.00		4.65	3.86
	L0005003	566324.96	4223010.86	39.57	4.15	1.47E-7	10.00		4.65	3.86
	L0005004	566331.99	4223017.98	39.06	4.15	1.47E-7	10.00		4.65	3.86
	L0005005	566339.02	4223025.09	38.54	4.15	1.47E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
CO.AVE_FD2	L0005006	566346.04	4223032.21	38.03	4.15	1.47E-7	10.00		4.65	3.86
	L0005007	566353.07	4223039.32	37.52	4.15	1.47E-7	10.00		4.65	3.86
	L0005008	566360.10	4223046.44	37.00	4.15	1.47E-7	10.00		4.65	3.86
	L0005009	566367.12	4223053.55	36.49	4.15	1.47E-7	10.00		4.65	3.86
	L0005010	566374.15	4223060.67	35.98	4.15	1.47E-7	10.00		4.65	3.86
	L0005011	566381.13	4223067.83	34.68	4.15	1.47E-7	10.00		4.65	3.86
	L0005012	566388.10	4223075.01	33.31	4.15	1.47E-7	10.00		4.65	3.86
	L0005013	566395.07	4223082.18	31.93	4.15	1.47E-7	10.00		4.65	3.86
	L0005014	566402.04	4223089.35	30.56	4.15	1.47E-7	10.00		4.65	3.86
	L0005015	566409.01	4223096.52	29.18	4.15	1.47E-7	10.00		4.65	3.86

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
PO.PL_DPM1	L0005016	566100.72	4222790.17	30.98	4.15	1.77E-7	8.00		3.72	3.86
	L0005017	566106.07	4222784.21	30.91	4.15	1.77E-7	8.00		3.72	3.86
	L0005018	566111.47	4222778.32	30.81	4.15	1.77E-7	8.00		3.72	3.86
	L0005019	566117.30	4222772.84	30.55	4.15	1.77E-7	8.00		3.72	3.86
	L0005020	566123.13	4222767.36	30.30	4.15	1.77E-7	8.00		3.72	3.86
	L0005021	566128.96	4222761.89	30.05	4.15	1.77E-7	8.00		3.72	3.86
	L0005022	566134.75	4222756.37	29.80	4.15	1.77E-7	8.00		3.72	3.86
	L0005023	566140.46	4222750.77	29.58	4.15	1.77E-7	8.00		3.72	3.86
	L0005024	566146.17	4222745.16	29.36	4.15	1.77E-7	8.00		3.72	3.86
	L0005025	566151.88	4222739.56	29.13	4.15	1.77E-7	8.00		3.72	3.86
	L0005026	566157.60	4222733.96	28.92	4.15	1.77E-7	8.00		3.72	3.86
	L0005027	566163.34	4222728.39	28.78	4.15	1.77E-7	8.00		3.72	3.86
	L0005028	566169.08	4222722.82	28.65	4.15	1.77E-7	8.00		3.72	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
PO.PL_DPM1	L0005029	566174.82	4222717.24	28.51	4.15	1.77E-7	8.00		3.72	3.86
	L0005030	566180.56	4222711.67	28.37	4.15	1.77E-7	8.00		3.72	3.86
	L0005031	566186.30	4222706.10	28.23	4.15	1.77E-7	8.00		3.72	3.86
	L0005032	566192.04	4222700.53	28.10	4.15	1.77E-7	8.00		3.72	3.86
	L0005033	566197.76	4222694.94	27.95	4.15	1.77E-7	8.00		3.72	3.86
	L0005034	566203.34	4222689.20	27.75	4.15	1.77E-7	8.00		3.72	3.86
	L0005035	566208.91	4222683.46	27.55	4.15	1.77E-7	8.00		3.72	3.86
	L0005036	566214.48	4222677.71	27.35	4.15	1.77E-7	8.00		3.72	3.86
	L0005037	566220.05	4222671.97	27.15	4.15	1.77E-7	8.00		3.72	3.86
	L0005038	566225.69	4222666.30	27.10	4.15	1.77E-7	8.00		3.72	3.86
	L0005039	566231.35	4222660.65	27.07	4.15	1.77E-7	8.00		3.72	3.86
	L0005040	566237.01	4222654.99	27.05	4.15	1.77E-7	8.00		3.72	3.86
	L0005041	566242.67	4222649.34	27.02	4.15	1.77E-7	8.00		3.72	3.86
	L0005042	566248.32	4222643.68	26.99	4.15	1.77E-7	8.00		3.72	3.86
	L0005043	566253.98	4222638.03	26.97	4.15	1.77E-7	8.00		3.72	3.86
	L0005044	566259.64	4222632.37	26.94	4.15	1.77E-7	8.00		3.72	3.86
	L0005045	566265.26	4222626.68	26.86	4.15	1.77E-7	8.00		3.72	3.86
	L0005046	566270.77	4222620.88	26.59	4.15	1.77E-7	8.00		3.72	3.86
	L0005047	566276.27	4222615.07	26.32	4.15	1.77E-7	8.00		3.72	3.86
	L0005048	566281.62	4222609.13	26.36	4.15	1.77E-7	8.00		3.72	3.86
	L0005049	566286.79	4222603.02	26.76	4.15	1.77E-7	8.00		3.72	3.86
	L0005050	566291.97	4222596.92	27.17	4.15	1.77E-7	8.00		3.72	3.86
	L0005051	566296.67	4222590.46	27.25	4.15	1.77E-7	8.00		3.72	3.86
	L0005052	566301.26	4222583.90	27.25	4.15	1.77E-7	8.00		3.72	3.86
	L0005053	566305.84	4222577.35	27.26	4.15	1.77E-7	8.00		3.72	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimension [m]	Initial Vertical Dimension [m]
PO.PL_DPM1	L0005054	566310.42	4222570.79	27.26	4.15	1.77E-7	8.00		3.72	3.86

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimension [m]	Initial Vertical Dimension [m]
PO.PL_FD1	L0005055	566100.72	4222790.17	30.98	4.15	1.96E-7	8.00		3.72	3.86
	L0005056	566106.07	4222784.21	30.91	4.15	1.96E-7	8.00		3.72	3.86
	L0005057	566111.47	4222778.32	30.81	4.15	1.96E-7	8.00		3.72	3.86
	L0005058	566117.30	4222772.84	30.55	4.15	1.96E-7	8.00		3.72	3.86
	L0005059	566123.13	4222767.36	30.30	4.15	1.96E-7	8.00		3.72	3.86
	L0005060	566128.96	4222761.89	30.05	4.15	1.96E-7	8.00		3.72	3.86
	L0005061	566134.75	4222756.37	29.80	4.15	1.96E-7	8.00		3.72	3.86
	L0005062	566140.46	4222750.77	29.58	4.15	1.96E-7	8.00		3.72	3.86
	L0005063	566146.17	4222745.16	29.36	4.15	1.96E-7	8.00		3.72	3.86
	L0005064	566151.88	4222739.56	29.13	4.15	1.96E-7	8.00		3.72	3.86
	L0005065	566157.60	4222733.96	28.92	4.15	1.96E-7	8.00		3.72	3.86
	L0005066	566163.34	4222728.39	28.78	4.15	1.96E-7	8.00		3.72	3.86
	L0005067	566169.08	4222722.82	28.65	4.15	1.96E-7	8.00		3.72	3.86
	L0005068	566174.82	4222717.24	28.51	4.15	1.96E-7	8.00		3.72	3.86
	L0005069	566180.56	4222711.67	28.37	4.15	1.96E-7	8.00		3.72	3.86
	L0005070	566186.30	4222706.10	28.23	4.15	1.96E-7	8.00		3.72	3.86
	L0005071	566192.04	4222700.53	28.10	4.15	1.96E-7	8.00		3.72	3.86
	L0005072	566197.76	4222694.94	27.95	4.15	1.96E-7	8.00		3.72	3.86
	L0005073	566203.34	4222689.20	27.75	4.15	1.96E-7	8.00		3.72	3.86
	L0005074	566208.91	4222683.46	27.55	4.15	1.96E-7	8.00		3.72	3.86
	L0005075	566214.48	4222677.71	27.35	4.15	1.96E-7	8.00		3.72	3.86
	L0005076	566220.05	4222671.97	27.15	4.15	1.96E-7	8.00		3.72	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimension [m]	Initial Vertical Dimension [m]
PO.PL_FD1	L0005077	566225.69	4222666.30	27.10	4.15	1.96E-7	8.00		3.72	3.86
	L0005078	566231.35	4222660.65	27.07	4.15	1.96E-7	8.00		3.72	3.86
	L0005079	566237.01	4222654.99	27.05	4.15	1.96E-7	8.00		3.72	3.86
	L0005080	566242.67	4222649.34	27.02	4.15	1.96E-7	8.00		3.72	3.86
	L0005081	566248.32	4222643.68	26.99	4.15	1.96E-7	8.00		3.72	3.86
	L0005082	566253.98	4222638.03	26.97	4.15	1.96E-7	8.00		3.72	3.86
	L0005083	566259.64	4222632.37	26.94	4.15	1.96E-7	8.00		3.72	3.86
	L0005084	566265.26	4222626.68	26.86	4.15	1.96E-7	8.00		3.72	3.86
	L0005085	566270.77	4222620.88	26.59	4.15	1.96E-7	8.00		3.72	3.86
	L0005086	566276.27	4222615.07	26.32	4.15	1.96E-7	8.00		3.72	3.86
	L0005087	566281.62	4222609.13	26.36	4.15	1.96E-7	8.00		3.72	3.86
	L0005088	566286.79	4222603.02	26.76	4.15	1.96E-7	8.00		3.72	3.86
	L0005089	566291.97	4222596.92	27.17	4.15	1.96E-7	8.00		3.72	3.86
	L0005090	566296.67	4222590.46	27.25	4.15	1.96E-7	8.00		3.72	3.86
	L0005091	566301.26	4222583.90	27.25	4.15	1.96E-7	8.00		3.72	3.86
	L0005092	566305.84	4222577.35	27.26	4.15	1.96E-7	8.00		3.72	3.86
	L0005093	566310.42	4222570.79	27.26	4.15	1.96E-7	8.00		3.72	3.86

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimension [m]	Initial Vertical Dimension [m]
PO.PL_DPM2	L0005094	566100.72	4222790.17	30.98	4.15	1.18E-7	8.00		3.72	3.86
	L0005095	566106.07	4222784.21	30.91	4.15	1.18E-7	8.00		3.72	3.86
	L0005096	566111.47	4222778.32	30.81	4.15	1.18E-7	8.00		3.72	3.86
	L0005097	566117.30	4222772.84	30.55	4.15	1.18E-7	8.00		3.72	3.86
	L0005098	566123.13	4222767.36	30.30	4.15	1.18E-7	8.00		3.72	3.86
	L0005099	566128.96	4222761.89	30.05	4.15	1.18E-7	8.00		3.72	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimension [m]	Initial Vertical Dimension [m]
PO.PL_DPM2	L0005100	566134.75	4222756.37	29.80	4.15	1.18E-7	8.00		3.72	3.86
	L0005101	566140.46	4222750.77	29.58	4.15	1.18E-7	8.00		3.72	3.86
	L0005102	566146.17	4222745.16	29.36	4.15	1.18E-7	8.00		3.72	3.86
	L0005103	566151.88	4222739.56	29.13	4.15	1.18E-7	8.00		3.72	3.86
	L0005104	566157.60	4222733.96	28.92	4.15	1.18E-7	8.00		3.72	3.86
	L0005105	566163.34	4222728.39	28.78	4.15	1.18E-7	8.00		3.72	3.86
	L0005106	566169.08	4222722.82	28.65	4.15	1.18E-7	8.00		3.72	3.86
	L0005107	566174.82	4222717.24	28.51	4.15	1.18E-7	8.00		3.72	3.86
	L0005108	566180.56	4222711.67	28.37	4.15	1.18E-7	8.00		3.72	3.86
	L0005109	566186.30	4222706.10	28.23	4.15	1.18E-7	8.00		3.72	3.86
	L0005110	566192.04	4222700.53	28.10	4.15	1.18E-7	8.00		3.72	3.86
	L0005111	566197.76	4222694.94	27.95	4.15	1.18E-7	8.00		3.72	3.86
	L0005112	566203.34	4222689.20	27.75	4.15	1.18E-7	8.00		3.72	3.86
	L0005113	566208.91	4222683.46	27.55	4.15	1.18E-7	8.00		3.72	3.86
	L0005114	566214.48	4222677.71	27.35	4.15	1.18E-7	8.00		3.72	3.86
	L0005115	566220.05	4222671.97	27.15	4.15	1.18E-7	8.00		3.72	3.86
	L0005116	566225.69	4222666.30	27.10	4.15	1.18E-7	8.00		3.72	3.86
	L0005117	566231.35	4222660.65	27.07	4.15	1.18E-7	8.00		3.72	3.86
	L0005118	566237.01	4222654.99	27.05	4.15	1.18E-7	8.00		3.72	3.86
	L0005119	566242.67	4222649.34	27.02	4.15	1.18E-7	8.00		3.72	3.86
	L0005120	566248.32	4222643.68	26.99	4.15	1.18E-7	8.00		3.72	3.86
	L0005121	566253.98	4222638.03	26.97	4.15	1.18E-7	8.00		3.72	3.86
	L0005122	566259.64	4222632.37	26.94	4.15	1.18E-7	8.00		3.72	3.86
	L0005123	566265.26	4222626.68	26.86	4.15	1.18E-7	8.00		3.72	3.86
	L0005124	566270.77	4222620.88	26.59	4.15	1.18E-7	8.00		3.72	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
PO.PL_DPM2	L0005125	566276.27	4222615.07	26.32	4.15	1.18E-7	8.00		3.72	3.86
	L0005126	566281.62	4222609.13	26.36	4.15	1.18E-7	8.00		3.72	3.86
	L0005127	566286.79	4222603.02	26.76	4.15	1.18E-7	8.00		3.72	3.86
	L0005128	566291.97	4222596.92	27.17	4.15	1.18E-7	8.00		3.72	3.86
	L0005129	566296.67	4222590.46	27.25	4.15	1.18E-7	8.00		3.72	3.86
	L0005130	566301.26	4222583.90	27.25	4.15	1.18E-7	8.00		3.72	3.86
	L0005131	566305.84	4222577.35	27.26	4.15	1.18E-7	8.00		3.72	3.86
	L0005132	566310.42	4222570.79	27.26	4.15	1.18E-7	8.00		3.72	3.86

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
PO.PL_FD2	L0005133	566100.72	4222790.17	30.98	4.15	1.18E-7	8.00		3.72	3.86
	L0005134	566106.07	4222784.21	30.91	4.15	1.18E-7	8.00		3.72	3.86
	L0005135	566111.47	4222778.32	30.81	4.15	1.18E-7	8.00		3.72	3.86
	L0005136	566117.30	4222772.84	30.55	4.15	1.18E-7	8.00		3.72	3.86
	L0005137	566123.13	4222767.36	30.30	4.15	1.18E-7	8.00		3.72	3.86
	L0005138	566128.96	4222761.89	30.05	4.15	1.18E-7	8.00		3.72	3.86
	L0005139	566134.75	4222756.37	29.80	4.15	1.18E-7	8.00		3.72	3.86
	L0005140	566140.46	4222750.77	29.58	4.15	1.18E-7	8.00		3.72	3.86
	L0005141	566146.17	4222745.16	29.36	4.15	1.18E-7	8.00		3.72	3.86
	L0005142	566151.88	4222739.56	29.13	4.15	1.18E-7	8.00		3.72	3.86
	L0005143	566157.60	4222733.96	28.92	4.15	1.18E-7	8.00		3.72	3.86
	L0005144	566163.34	4222728.39	28.78	4.15	1.18E-7	8.00		3.72	3.86
	L0005145	566169.08	4222722.82	28.65	4.15	1.18E-7	8.00		3.72	3.86
	L0005146	566174.82	4222717.24	28.51	4.15	1.18E-7	8.00		3.72	3.86
	L0005147	566180.56	4222711.67	28.37	4.15	1.18E-7	8.00		3.72	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimension [m]	Initial Vertical Dimension [m]
PO.PL_FD2	L0005148	566186.30	4222706.10	28.23	4.15	1.18E-7	8.00		3.72	3.86
	L0005149	566192.04	4222700.53	28.10	4.15	1.18E-7	8.00		3.72	3.86
	L0005150	566197.76	4222694.94	27.95	4.15	1.18E-7	8.00		3.72	3.86
	L0005151	566203.34	4222689.20	27.75	4.15	1.18E-7	8.00		3.72	3.86
	L0005152	566208.91	4222683.46	27.55	4.15	1.18E-7	8.00		3.72	3.86
	L0005153	566214.48	4222677.71	27.35	4.15	1.18E-7	8.00		3.72	3.86
	L0005154	566220.05	4222671.97	27.15	4.15	1.18E-7	8.00		3.72	3.86
	L0005155	566225.69	4222666.30	27.10	4.15	1.18E-7	8.00		3.72	3.86
	L0005156	566231.35	4222660.65	27.07	4.15	1.18E-7	8.00		3.72	3.86
	L0005157	566237.01	4222654.99	27.05	4.15	1.18E-7	8.00		3.72	3.86
	L0005158	566242.67	4222649.34	27.02	4.15	1.18E-7	8.00		3.72	3.86
	L0005159	566248.32	4222643.68	26.99	4.15	1.18E-7	8.00		3.72	3.86
	L0005160	566253.98	4222638.03	26.97	4.15	1.18E-7	8.00		3.72	3.86
	L0005161	566259.64	4222632.37	26.94	4.15	1.18E-7	8.00		3.72	3.86
	L0005162	566265.26	4222626.68	26.86	4.15	1.18E-7	8.00		3.72	3.86
	L0005163	566270.77	4222620.88	26.59	4.15	1.18E-7	8.00		3.72	3.86
	L0005164	566276.27	4222615.07	26.32	4.15	1.18E-7	8.00		3.72	3.86
	L0005165	566281.62	4222609.13	26.36	4.15	1.18E-7	8.00		3.72	3.86
	L0005166	566286.79	4222603.02	26.76	4.15	1.18E-7	8.00		3.72	3.86
	L0005167	566291.97	4222596.92	27.17	4.15	1.18E-7	8.00		3.72	3.86
	L0005168	566296.67	4222590.46	27.25	4.15	1.18E-7	8.00		3.72	3.86
	L0005169	566301.26	4222583.90	27.25	4.15	1.18E-7	8.00		3.72	3.86
	L0005170	566305.84	4222577.35	27.26	4.15	1.18E-7	8.00		3.72	3.86
	L0005171	566310.42	4222570.79	27.26	4.15	1.18E-7	8.00		3.72	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
RA.AVE_DPM1	L0005172	566193.81	4222859.03	35.26	4.15	1.78E-7	8.00		3.72	3.86
	L0005173	566199.30	4222853.21	34.24	4.15	1.78E-7	8.00		3.72	3.86
	L0005174	566204.84	4222847.44	33.48	4.15	1.78E-7	8.00		3.72	3.86
	L0005175	566210.48	4222841.77	33.40	4.15	1.78E-7	8.00		3.72	3.86
	L0005176	566216.13	4222836.10	33.33	4.15	1.78E-7	8.00		3.72	3.86
	L0005177	566221.77	4222830.43	33.25	4.15	1.78E-7	8.00		3.72	3.86
	L0005178	566227.41	4222824.76	33.17	4.15	1.78E-7	8.00		3.72	3.86
	L0005179	566233.06	4222819.09	33.10	4.15	1.78E-7	8.00		3.72	3.86
	L0005180	566238.70	4222813.42	33.02	4.15	1.78E-7	8.00		3.72	3.86
	L0005181	566244.45	4222807.86	33.08	4.15	1.78E-7	8.00		3.72	3.86
	L0005182	566250.31	4222802.41	33.29	4.15	1.78E-7	8.00		3.72	3.86
	L0005183	566256.17	4222796.97	33.51	4.15	1.78E-7	8.00		3.72	3.86
	L0005184	566262.00	4222791.49	33.60	4.15	1.78E-7	8.00		3.72	3.86
	L0005185	566267.72	4222785.90	33.31	4.15	1.78E-7	8.00		3.72	3.86
	L0005186	566273.44	4222780.31	33.02	4.15	1.78E-7	8.00		3.72	3.86
	L0005187	566279.16	4222774.72	32.73	4.15	1.78E-7	8.00		3.72	3.86
	L0005188	566284.89	4222769.13	32.44	4.15	1.78E-7	8.00		3.72	3.86
	L0005189	566290.61	4222763.54	32.15	4.15	1.78E-7	8.00		3.72	3.86
	L0005190	566296.33	4222757.95	31.86	4.15	1.78E-7	8.00		3.72	3.86
	L0005191	566302.06	4222752.36	31.57	4.15	1.78E-7	8.00		3.72	3.86
	L0005192	566307.78	4222746.76	31.27	4.15	1.78E-7	8.00		3.72	3.86
	L0005193	566313.50	4222741.17	30.98	4.15	1.78E-7	8.00		3.72	3.86
	L0005194	566319.22	4222735.58	30.69	4.15	1.78E-7	8.00		3.72	3.86
	L0005195	566324.95	4222729.99	30.40	4.15	1.78E-7	8.00		3.72	3.86
	L0005196	566330.67	4222724.40	30.11	4.15	1.78E-7	8.00		3.72	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
RA.AVE_DPM1	L0005197	566336.36	4222718.79	29.99	4.15	1.78E-7	8.00		3.72	3.86
	L0005198	566342.04	4222713.15	29.99	4.15	1.78E-7	8.00		3.72	3.86
	L0005199	566347.72	4222707.51	29.99	4.15	1.78E-7	8.00		3.72	3.86
	L0005200	566353.39	4222701.88	30.00	4.15	1.78E-7	8.00		3.72	3.86
	L0005201	566359.07	4222696.24	30.00	4.15	1.78E-7	8.00		3.72	3.86

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
RA.AVE_FD1	L0005202	566193.81	4222859.03	35.26	4.15	1.98E-7	8.00		3.72	3.86
	L0005203	566199.30	4222853.21	34.24	4.15	1.98E-7	8.00		3.72	3.86
	L0005204	566204.84	4222847.44	33.48	4.15	1.98E-7	8.00		3.72	3.86
	L0005205	566210.48	4222841.77	33.40	4.15	1.98E-7	8.00		3.72	3.86
	L0005206	566216.13	4222836.10	33.33	4.15	1.98E-7	8.00		3.72	3.86
	L0005207	566221.77	4222830.43	33.25	4.15	1.98E-7	8.00		3.72	3.86
	L0005208	566227.41	4222824.76	33.17	4.15	1.98E-7	8.00		3.72	3.86
	L0005209	566233.06	4222819.09	33.10	4.15	1.98E-7	8.00		3.72	3.86
	L0005210	566238.70	4222813.42	33.02	4.15	1.98E-7	8.00		3.72	3.86
	L0005211	566244.45	4222807.86	33.08	4.15	1.98E-7	8.00		3.72	3.86
	L0005212	566250.31	4222802.41	33.29	4.15	1.98E-7	8.00		3.72	3.86
	L0005213	566256.17	4222796.97	33.51	4.15	1.98E-7	8.00		3.72	3.86
	L0005214	566262.00	4222791.49	33.60	4.15	1.98E-7	8.00		3.72	3.86
	L0005215	566267.72	4222785.90	33.31	4.15	1.98E-7	8.00		3.72	3.86
	L0005216	566273.44	4222780.31	33.02	4.15	1.98E-7	8.00		3.72	3.86
	L0005217	566279.16	4222774.72	32.73	4.15	1.98E-7	8.00		3.72	3.86
	L0005218	566284.89	4222769.13	32.44	4.15	1.98E-7	8.00		3.72	3.86
	L0005219	566290.61	4222763.54	32.15	4.15	1.98E-7	8.00		3.72	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimension [m]	Initial Vertical Dimension [m]
RA.AVE_FD1	L0005220	566296.33	4222757.95	31.86	4.15	1.98E-7	8.00		3.72	3.86
	L0005221	566302.06	4222752.36	31.57	4.15	1.98E-7	8.00		3.72	3.86
	L0005222	566307.78	4222746.76	31.27	4.15	1.98E-7	8.00		3.72	3.86
	L0005223	566313.50	4222741.17	30.98	4.15	1.98E-7	8.00		3.72	3.86
	L0005224	566319.22	4222735.58	30.69	4.15	1.98E-7	8.00		3.72	3.86
	L0005225	566324.95	4222729.99	30.40	4.15	1.98E-7	8.00		3.72	3.86
	L0005226	566330.67	4222724.40	30.11	4.15	1.98E-7	8.00		3.72	3.86
	L0005227	566336.36	4222718.79	29.99	4.15	1.98E-7	8.00		3.72	3.86
	L0005228	566342.04	4222713.15	29.99	4.15	1.98E-7	8.00		3.72	3.86
	L0005229	566347.72	4222707.51	29.99	4.15	1.98E-7	8.00		3.72	3.86
	L0005230	566353.39	4222701.88	30.00	4.15	1.98E-7	8.00		3.72	3.86
	L0005231	566359.07	4222696.24	30.00	4.15	1.98E-7	8.00		3.72	3.86

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimension [m]	Initial Vertical Dimension [m]
RA.AVE_DPM2	L0005232	566193.81	4222859.03	35.26	4.15	1.19E-7	8.00		3.72	3.86
	L0005233	566199.30	4222853.21	34.24	4.15	1.19E-7	8.00		3.72	3.86
	L0005234	566204.84	4222847.44	33.48	4.15	1.19E-7	8.00		3.72	3.86
	L0005235	566210.48	4222841.77	33.40	4.15	1.19E-7	8.00		3.72	3.86
	L0005236	566216.13	4222836.10	33.33	4.15	1.19E-7	8.00		3.72	3.86
	L0005237	566221.77	4222830.43	33.25	4.15	1.19E-7	8.00		3.72	3.86
	L0005238	566227.41	4222824.76	33.17	4.15	1.19E-7	8.00		3.72	3.86
	L0005239	566233.06	4222819.09	33.10	4.15	1.19E-7	8.00		3.72	3.86
	L0005240	566238.70	4222813.42	33.02	4.15	1.19E-7	8.00		3.72	3.86
	L0005241	566244.45	4222807.86	33.08	4.15	1.19E-7	8.00		3.72	3.86
	L0005242	566250.31	4222802.41	33.29	4.15	1.19E-7	8.00		3.72	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
RA.AVE_DPM2	L0005243	566256.17	4222796.97	33.51	4.15	1.19E-7	8.00		3.72	3.86
	L0005244	566262.00	4222791.49	33.60	4.15	1.19E-7	8.00		3.72	3.86
	L0005245	566267.72	4222785.90	33.31	4.15	1.19E-7	8.00		3.72	3.86
	L0005246	566273.44	4222780.31	33.02	4.15	1.19E-7	8.00		3.72	3.86
	L0005247	566279.16	4222774.72	32.73	4.15	1.19E-7	8.00		3.72	3.86
	L0005248	566284.89	4222769.13	32.44	4.15	1.19E-7	8.00		3.72	3.86
	L0005249	566290.61	4222763.54	32.15	4.15	1.19E-7	8.00		3.72	3.86
	L0005250	566296.33	4222757.95	31.86	4.15	1.19E-7	8.00		3.72	3.86
	L0005251	566302.06	4222752.36	31.57	4.15	1.19E-7	8.00		3.72	3.86
	L0005252	566307.78	4222746.76	31.27	4.15	1.19E-7	8.00		3.72	3.86
	L0005253	566313.50	4222741.17	30.98	4.15	1.19E-7	8.00		3.72	3.86
	L0005254	566319.22	4222735.58	30.69	4.15	1.19E-7	8.00		3.72	3.86
	L0005255	566324.95	4222729.99	30.40	4.15	1.19E-7	8.00		3.72	3.86
	L0005256	566330.67	4222724.40	30.11	4.15	1.19E-7	8.00		3.72	3.86
	L0005257	566336.36	4222718.79	29.99	4.15	1.19E-7	8.00		3.72	3.86
	L0005258	566342.04	4222713.15	29.99	4.15	1.19E-7	8.00		3.72	3.86
	L0005259	566347.72	4222707.51	29.99	4.15	1.19E-7	8.00		3.72	3.86
	L0005260	566353.39	4222701.88	30.00	4.15	1.19E-7	8.00		3.72	3.86
	L0005261	566359.07	4222696.24	30.00	4.15	1.19E-7	8.00		3.72	3.86

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
RA.AVE_FD2	L0005262	566193.81	4222859.03	35.26	4.15	1.19E-7	8.00		3.72	3.86
	L0005263	566199.30	4222853.21	34.24	4.15	1.19E-7	8.00		3.72	3.86
	L0005264	566204.84	4222847.44	33.48	4.15	1.19E-7	8.00		3.72	3.86
	L0005265	566210.48	4222841.77	33.40	4.15	1.19E-7	8.00		3.72	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
RA.AVE_FD2	L0005266	566216.13	4222836.10	33.33	4.15	1.19E-7	8.00		3.72	3.86
	L0005267	566221.77	4222830.43	33.25	4.15	1.19E-7	8.00		3.72	3.86
	L0005268	566227.41	4222824.76	33.17	4.15	1.19E-7	8.00		3.72	3.86
	L0005269	566233.06	4222819.09	33.10	4.15	1.19E-7	8.00		3.72	3.86
	L0005270	566238.70	4222813.42	33.02	4.15	1.19E-7	8.00		3.72	3.86
	L0005271	566244.45	4222807.86	33.08	4.15	1.19E-7	8.00		3.72	3.86
	L0005272	566250.31	4222802.41	33.29	4.15	1.19E-7	8.00		3.72	3.86
	L0005273	566256.17	4222796.97	33.51	4.15	1.19E-7	8.00		3.72	3.86
	L0005274	566262.00	4222791.49	33.60	4.15	1.19E-7	8.00		3.72	3.86
	L0005275	566267.72	4222785.90	33.31	4.15	1.19E-7	8.00		3.72	3.86
	L0005276	566273.44	4222780.31	33.02	4.15	1.19E-7	8.00		3.72	3.86
	L0005277	566279.16	4222774.72	32.73	4.15	1.19E-7	8.00		3.72	3.86
	L0005278	566284.89	4222769.13	32.44	4.15	1.19E-7	8.00		3.72	3.86
	L0005279	566290.61	4222763.54	32.15	4.15	1.19E-7	8.00		3.72	3.86
	L0005280	566296.33	4222757.95	31.86	4.15	1.19E-7	8.00		3.72	3.86
	L0005281	566302.06	4222752.36	31.57	4.15	1.19E-7	8.00		3.72	3.86
	L0005282	566307.78	4222746.76	31.27	4.15	1.19E-7	8.00		3.72	3.86
	L0005283	566313.50	4222741.17	30.98	4.15	1.19E-7	8.00		3.72	3.86
	L0005284	566319.22	4222735.58	30.69	4.15	1.19E-7	8.00		3.72	3.86
	L0005285	566324.95	4222729.99	30.40	4.15	1.19E-7	8.00		3.72	3.86
	L0005286	566330.67	4222724.40	30.11	4.15	1.19E-7	8.00		3.72	3.86
	L0005287	566336.36	4222718.79	29.99	4.15	1.19E-7	8.00		3.72	3.86
	L0005288	566342.04	4222713.15	29.99	4.15	1.19E-7	8.00		3.72	3.86
	L0005289	566347.72	4222707.51	29.99	4.15	1.19E-7	8.00		3.72	3.86
	L0005290	566353.39	4222701.88	30.00	4.15	1.19E-7	8.00		3.72	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
RA.AVE_FD2	L0005291	566359.07	4222696.24	30.00	4.15	1.19E-7	8.00		3.72	3.86

Source Pathway - Source Inputs

AERMOD

Mitigated Construction

Source Pathway - Source Inputs

AERMOD

Polygon Area Sources

Source Type: AREA POLY

Source: PH2_C_DPM (Phase 2, Site 1 - Construction - DPM)

Base Elevation (Optional)	Release Height [m]	Emission Rate [g/ (s-m^2)]	Initial Vertical Dim. [m]	Number of Vertices (or sides)	X Coordinate for Vertices [m]	Y Coordinate for Vertices [m]
31.23	4.15	2.80E-8		18	566104.47	4222793.25
		2.80E-8			566104.82	4222796.27
		2.80E-8			566133.30	4222814.46
		2.80E-8			566140.95	4222819.15
		2.80E-8			566151.59	4222827.48
		2.80E-8			566183.45	4222856.46
		2.80E-8			566185.55	4222858.28
		2.80E-8			566187.36	4222857.67
		2.80E-8			566201.69	4222843.72
		2.80E-8			566245.22	4222801.18
		2.80E-8			566256.74	4222789.49
		2.80E-8			566248.11	4222780.49
		2.80E-8			566252.87	4222775.24
		2.80E-8			566209.00	4222729.85
		2.80E-8			566179.86	4222723.39
		2.80E-8			566164.96	4222737.64
		2.80E-8			566162.50	4222735.25
		2.80E-8			566115.15	4222782.04

Source Type: AREA POLY

Source: PH2_D_DPM (Phase 2, Site 2 - Demolition - DPM)

Base Elevation (Optional)	Release Height [m]	Emission Rate [g/ (s-m^2)]	Initial Vertical Dim. [m]	Number of Vertices (or sides)	X Coordinate for Vertices [m]	Y Coordinate for Vertices [m]
22.35	4.15	3.34E-8		6	566164.32	4222564.54
		3.34E-8			566163.21	4222577.09
		3.34E-8			566158.05	4222617.30
		3.34E-8			566144.65	4222624.68
		3.34E-8			566118.82	4222624.18
		3.34E-8			566123.13	4222564.05

Source Pathway - Source Inputs

AERMOD

Source Type: AREA POLY

Source: PH1_1_DPM (Phase 1, Site 1 - DPM)

Base Elevation (Optional)	Release Height [m]	Emission Rate [g/ (s-m ²)]	Initial Vertical Dim. [m]	Number of Vertices (or sides)	X Coordinate for Vertices [m]	Y Coordinate for Vertices [m]
28.35	4.15	8.21E-8		19	566176.75	4222706.75
		8.21E-8			566179.45	4222686.84
		8.21E-8			566180.51	4222684.08
		8.21E-8			566166.27	4222672.98
		8.21E-8			566131.78	4222662.81
		8.21E-8			566096.03	4222659.03
		8.21E-8			566094.07	4222667.12
		8.21E-8			566086.95	4222696.99
		8.21E-8			566078.59	4222726.53
		8.21E-8			566069.75	4222751.39
		8.21E-8			566062.20	4222770.05
		8.21E-8			566063.24	4222773.37
		8.21E-8			566064.24	4222775.58
		8.21E-8			566066.68	4222777.78
		8.21E-8			566087.99	4222787.84
		8.21E-8			566091.17	4222789.16
		8.21E-8			566095.01	4222787.28
		8.21E-8			566096.98	4222785.49
		8.21E-8			566109.00	4222774.18

Source Pathway - Source Inputs

AERMOD

Source Type: AREA POLY

Source: PH1_2_DPM (Phase 1, Site 2 - DPM)

Base Elevation (Optional)	Release Height [m]	Emission Rate [g/ (s-m ²)]	Initial Vertical Dim. [m]	Number of Vertices (or sides)	X Coordinate for Vertices [m]	Y Coordinate for Vertices [m]
29.09	4.15	8.19E-8		15	566162.50	4222735.25
		8.19E-8			566164.95	4222737.64
		8.19E-8			566179.87	4222723.38
		8.19E-8			566209.02	4222729.84
		8.19E-8			566252.87	4222775.23
		8.19E-8			566248.12	4222780.49
		8.19E-8			566256.73	4222789.50
		8.19E-8			566361.41	4222686.77
		8.19E-8			566353.59	4222679.86
		8.19E-8			566348.68	4222620.04
		8.19E-8			566318.59	4222568.65
		8.19E-8			566312.82	4222576.02
		8.19E-8			566298.20	4222596.94
		8.19E-8			566279.94	4222619.65
		8.19E-8			566192.48	4222706.66

Source Pathway - Source Inputs

AERMOD

Source Type: AREA POLY

Source: PH1_1_FD (Phase 1, Site 1 - Fugitive Dust)

Base Elevation (Optional)	Release Height [m]	Emission Rate [g/ (s-m^2)]	Initial Vertical Dim. [m]	Number of Vertices (or sides)	X Coordinate for Vertices [m]	Y Coordinate for Vertices [m]
28.35	4.15	2.28E-7	0.00	19	566176.75	4222706.75
		2.28E-7			566179.45	4222686.84
		2.28E-7			566180.51	4222684.08
		2.28E-7			566166.27	4222672.98
		2.28E-7			566131.78	4222662.81
		2.28E-7			566096.03	4222659.03
		2.28E-7			566094.07	4222667.12
		2.28E-7			566086.95	4222696.99
		2.28E-7			566078.59	4222726.53
		2.28E-7			566069.75	4222751.39
		2.28E-7			566062.20	4222770.05
		2.28E-7			566063.24	4222773.37
		2.28E-7			566064.24	4222775.58
		2.28E-7			566066.68	4222777.78
		2.28E-7			566087.99	4222787.84
		2.28E-7			566091.17	4222789.16
		2.28E-7			566095.01	4222787.28
		2.28E-7			566096.98	4222785.49
		2.28E-7			566109.00	4222774.18

Source Pathway - Source Inputs

AERMOD

Source Type: AREA POLY

Source: PH1_2_FD (Phase 1, Site 2 - Fugitive Dust)

Base Elevation (Optional)	Release Height [m]	Emission Rate [g/ (s-m ²)]	Initial Vertical Dim. [m]	Number of Vertices (or sides)	X Coordinate for Vertices [m]	Y Coordinate for Vertices [m]
29.09	4.15	2.29E-7	0.00	15	566162.50	4222735.25
		2.29E-7			566164.95	4222737.64
		2.29E-7			566179.87	4222723.38
		2.29E-7			566209.02	4222729.84
		2.29E-7			566252.87	4222775.23
		2.29E-7			566248.12	4222780.49
		2.29E-7			566256.73	4222789.50
		2.29E-7			566361.41	4222686.77
		2.29E-7			566353.59	4222679.86
		2.29E-7			566348.68	4222620.04
		2.29E-7			566318.59	4222568.65
		2.29E-7			566312.82	4222576.02
		2.29E-7			566298.20	4222596.94
		2.29E-7			566279.94	4222619.65
		2.29E-7			566192.48	4222706.66

Source Pathway - Source Inputs

AERMOD

Source Type: AREA POLY

Source: PH2_C_FD (Phase 2, Site 1 - Construction - Fugitive Dust)

Base Elevation (Optional)	Release Height [m]	Emission Rate [g/ (s-m ²)]	Initial Vertical Dim. [m]	Number of Vertices (or sides)	X Coordinate for Vertices [m]	Y Coordinate for Vertices [m]
31.23	4.15	4.20E-8	0.00	18	566104.47	4222793.25
		4.20E-8			566104.82	4222796.27
		4.20E-8			566133.30	4222814.46
		4.20E-8			566140.95	4222819.15
		4.20E-8			566151.59	4222827.48
		4.20E-8			566183.45	4222856.46
		4.20E-8			566185.55	4222858.28
		4.20E-8			566187.36	4222857.67
		4.20E-8			566201.69	4222843.72
		4.20E-8			566245.22	4222801.18
		4.20E-8			566256.74	4222789.49
		4.20E-8			566248.11	4222780.49
		4.20E-8			566252.87	4222775.24
		4.20E-8			566209.00	4222729.85
		4.20E-8			566179.86	4222723.39
		4.20E-8			566164.96	4222737.64
		4.20E-8			566162.50	4222735.25
		4.20E-8			566115.15	4222782.04

Source Type: AREA POLY

Source: PH2_D_FD (Phase 2, Site 2 - Demolition - Fugitive Dust)

Base Elevation (Optional)	Release Height [m]	Emission Rate [g/ (s-m ²)]	Initial Vertical Dim. [m]	Number of Vertices (or sides)	X Coordinate for Vertices [m]	Y Coordinate for Vertices [m]
22.35	4.15	3.34E-8	0.00	6	566164.32	4222564.54
		3.34E-8			566163.21	4222577.09
		3.34E-8			566158.05	4222617.30
		3.34E-8			566144.65	4222624.68
		3.34E-8			566118.82	4222624.18
		3.34E-8			566123.13	4222564.05

Source Pathway - Source Inputs

AERMOD

Line Volume Sources

Source Type: LINE VOLUME

Source: CO.AVE_DPM1 (Off-site: Corcoran Avenue - DPM - phase 1)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
10.00	0.00001		566057.68	4222782.25	31.90	4.15
			566090.41	4222795.96	31.10	4.15
			566117.38	4222812.36	31.93	4.15
			566150.92	4222836.05	32.98	4.15
			566183.87	4222864.17	35.52	4.15
			566207.57	4222890.90	37.50	4.15
			566265.11	4222950.26	43.94	4.15
			566374.82	4223061.34	35.93	4.15
			566412.77	4223100.39	28.44	4.15

Source Type: LINE VOLUME

Source: CO.AVE_DPM2 (Off-site: Corcoran Avenue - DPM - phase 2)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
10.00	7.05E-6		566057.68	4222782.25	31.90	4.15
			566090.41	4222795.96	31.10	4.15
			566117.38	4222812.36	31.93	4.15
			566150.92	4222836.05	32.98	4.15
			566183.87	4222864.17	35.52	4.15
			566207.57	4222890.90	37.50	4.15
			566265.11	4222950.26	43.94	4.15
			566374.82	4223061.34	35.93	4.15
			566412.77	4223100.39	28.44	4.15

Source Pathway - Source Inputs

AERMOD

Source Type: LINE VOLUME

Source: CO.AVE_FD1 (Off-site: Corcoran Avenue - Fugitive Dust - phase 1)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
10.00	0.00001		566057.68	4222782.25	31.90	4.15
			566090.41	4222795.96	31.10	4.15
			566117.38	4222812.36	31.93	4.15
			566150.92	4222836.05	32.98	4.15
			566183.87	4222864.17	35.52	4.15
			566207.57	4222890.90	37.50	4.15
			566265.11	4222950.26	43.94	4.15
			566374.82	4223061.34	35.93	4.15
			566412.77	4223100.39	28.44	4.15

Source Type: LINE VOLUME

Source: CO.AVE_FD2 (Off-site: Corcoran Avenue - Fugitive Dust - phase 2)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
10.00	7.05E-6		566057.68	4222782.25	31.90	4.15
			566090.41	4222795.96	31.10	4.15
			566117.38	4222812.36	31.93	4.15
			566150.92	4222836.05	32.98	4.15
			566183.87	4222864.17	35.52	4.15
			566207.57	4222890.90	37.50	4.15
			566265.11	4222950.26	43.94	4.15
			566374.82	4223061.34	35.93	4.15
			566412.77	4223100.39	28.44	4.15

Source Pathway - Source Inputs

AERMOD

Source Type: LINE VOLUME

Source: MINI.DR_DPM1 (Off-site: Mini Drive - DPM - Phase 1)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
10.00	0.00002		565867.73	4223008.84	29.63	4.15
			565989.46	4222883.30	31.56	4.15
			566006.51	4222858.30	32.00	4.15
			566022.99	4222832.72	32.47	4.15
			566042.88	4222800.33	32.00	4.15
			566059.36	4222764.53	30.86	4.15
			566074.70	4222720.78	29.75	4.15
			566082.68	4222689.53	28.57	4.15
			566091.31	4222644.77	25.08	4.15
			566097.46	4222592.63	24.07	4.15
			566098.29	4222554.03	19.14	4.15
			566096.23	4222517.08	18.04	4.15
			566091.72	4222482.59	18.99	4.15
			566086.56	4222451.81	18.88	4.15
			566078.53	4222421.80	18.53	4.15
			566068.76	4222391.08	18.05	4.15
			566058.99	4222364.21	18.90	4.15
			566037.00	4222319.88	17.92	4.15
			566021.26	4222290.99	17.65	4.15
			566014.73	4222281.49	17.31	4.15

Source Pathway - Source Inputs

AERMOD

Source Type: LINE VOLUME

Source: MINI.DR_DPM2 (Off-site: Mini Drive - DPM - Phase 2)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
10.00	0.00001		565867.73	4223008.84	29.63	4.15
			565989.46	4222883.30	31.56	4.15
			566006.51	4222858.30	32.00	4.15
			566022.99	4222832.72	32.47	4.15
			566042.88	4222800.33	32.00	4.15
			566059.36	4222764.53	30.86	4.15
			566074.70	4222720.78	29.75	4.15
			566082.68	4222689.53	28.57	4.15
			566091.31	4222644.77	25.08	4.15
			566097.46	4222592.63	24.07	4.15
			566098.29	4222554.03	19.14	4.15
			566096.23	4222517.08	18.04	4.15
			566091.72	4222482.59	18.99	4.15
			566086.56	4222451.81	18.88	4.15
			566078.53	4222421.80	18.53	4.15
			566068.76	4222391.08	18.05	4.15
			566058.99	4222364.21	18.90	4.15
			566037.00	4222319.88	17.92	4.15
			566021.26	4222290.99	17.65	4.15
			566014.73	4222281.49	17.31	4.15

Source Pathway - Source Inputs

AERMOD

Source Type: LINE VOLUME

Source: MINI.DR_FD1 (Off-site: Mini Drive - Fugitive Dust)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
10.00	0.00002		565867.73	4223008.84	29.63	4.15
			565989.46	4222883.30	31.56	4.15
			566006.51	4222858.30	32.00	4.15
			566022.99	4222832.72	32.47	4.15
			566042.88	4222800.33	32.00	4.15
			566059.36	4222764.53	30.86	4.15
			566074.70	4222720.78	29.75	4.15
			566082.68	4222689.53	28.57	4.15
			566091.31	4222644.77	25.08	4.15
			566097.46	4222592.63	24.07	4.15
			566098.29	4222554.03	19.14	4.15
			566096.23	4222517.08	18.04	4.15
			566091.72	4222482.59	18.99	4.15
			566086.56	4222451.81	18.88	4.15
			566078.53	4222421.80	18.53	4.15
			566068.76	4222391.08	18.05	4.15
			566058.99	4222364.21	18.90	4.15
			566037.00	4222319.88	17.92	4.15
			566021.26	4222290.99	17.65	4.15
			566014.73	4222281.49	17.31	4.15

Source Pathway - Source Inputs

AERMOD

Source Type: LINE VOLUME

Source: MINI.DR_FD2 (Off-site: Mini Drive - Fugitive Dust - phase 2)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
10.00	0.00001		565867.73	4223008.84	29.63	4.15
			565989.46	4222883.30	31.56	4.15
			566006.51	4222858.30	32.00	4.15
			566022.99	4222832.72	32.47	4.15
			566042.88	4222800.33	32.00	4.15
			566059.36	4222764.53	30.86	4.15
			566074.70	4222720.78	29.75	4.15
			566082.68	4222689.53	28.57	4.15
			566091.31	4222644.77	25.08	4.15
			566097.46	4222592.63	24.07	4.15
			566098.29	4222554.03	19.14	4.15
			566096.23	4222517.08	18.04	4.15
			566091.72	4222482.59	18.99	4.15
			566086.56	4222451.81	18.88	4.15
			566078.53	4222421.80	18.53	4.15
			566068.76	4222391.08	18.05	4.15
			566058.99	4222364.21	18.90	4.15
			566037.00	4222319.88	17.92	4.15
			566021.26	4222290.99	17.65	4.15
			566014.73	4222281.49	17.31	4.15

Source Pathway - Source Inputs

AERMOD

Source Type: LINE VOLUME

Source: PO.PL_DPM1 (Off-site: Positive Place - DPM - phase 1)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
8.00	6.89E-6		566098.05	4222793.15	31.02	4.15
			566110.71	4222779.04	30.84	4.15
			566133.00	4222758.09	29.87	4.15
			566156.85	4222734.69	28.94	4.15
			566197.32	4222695.40	27.97	4.15
			566220.87	4222671.12	27.12	4.15
			566264.02	4222628.00	26.92	4.15
			566279.22	4222611.96	26.17	4.15
			566293.02	4222595.68	27.25	4.15
			566313.17	4222566.85	27.26	4.15

Source Type: LINE VOLUME

Source: PO.PL_DPM2 (Off-site: Positive Place - DPM - phase 2)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
8.00	4.59E-6		566098.05	4222793.15	31.02	4.15
			566110.71	4222779.04	30.84	4.15
			566133.00	4222758.09	29.87	4.15
			566156.85	4222734.69	28.94	4.15
			566197.32	4222695.40	27.97	4.15
			566220.87	4222671.12	27.12	4.15
			566264.02	4222628.00	26.92	4.15
			566279.22	4222611.96	26.17	4.15
			566293.02	4222595.68	27.25	4.15
			566313.17	4222566.85	27.26	4.15

Source Pathway - Source Inputs

AERMOD

Source Type: LINE VOLUME

Source: PO.PL_FD1 (Off-site: Positive Place - Fugitive Dust - phase 1)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
8.00	7.65E-6		566098.05	4222793.15	31.02	4.15
			566110.71	4222779.04	30.84	4.15
			566133.00	4222758.09	29.87	4.15
			566156.85	4222734.69	28.94	4.15
			566197.32	4222695.40	27.97	4.15
			566220.87	4222671.12	27.12	4.15
			566264.02	4222628.00	26.92	4.15
			566279.22	4222611.96	26.17	4.15
			566293.02	4222595.68	27.25	4.15
			566313.17	4222566.85	27.26	4.15

Source Type: LINE VOLUME

Source: PO.PL_FD2 (Off-site: Positive Place - Fugitive Dust - phase 2)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
8.00	4.59E-6		566098.05	4222793.15	31.02	4.15
			566110.71	4222779.04	30.84	4.15
			566133.00	4222758.09	29.87	4.15
			566156.85	4222734.69	28.94	4.15
			566197.32	4222695.40	27.97	4.15
			566220.87	4222671.12	27.12	4.15
			566264.02	4222628.00	26.92	4.15
			566279.22	4222611.96	26.17	4.15
			566293.02	4222595.68	27.25	4.15
			566313.17	4222566.85	27.26	4.15

Source Pathway - Source Inputs

AERMOD

Source Type: LINE VOLUME

Source: RA.AVE_DPM1 (Off-site: Rainier Avenue - DPM - phase 1)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
8.00	5.34E-6		566191.06	4222861.93	35.77	4.15
			566203.29	4222849.00	33.50	4.15
			566241.61	4222810.50	32.98	4.15
			566260.67	4222792.78	33.67	4.15
			566333.03	4222722.10	29.99	4.15
			566363.86	4222691.49	30.00	4.15

Source Type: LINE VOLUME

Source: RA.AVE_DPM2 (Off-site: Rainier Avenue - DPM - phase 2)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
8.00	3.56E-6		566191.06	4222861.93	35.77	4.15
			566203.29	4222849.00	33.50	4.15
			566241.61	4222810.50	32.98	4.15
			566260.67	4222792.78	33.67	4.15
			566333.03	4222722.10	29.99	4.15
			566363.86	4222691.49	30.00	4.15

Source Type: LINE VOLUME

Source: RA.AVE_FD1 (Off-site: Rainier Avenue - Fugitive Dust - phase 1)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
8.00	5.94E-6		566191.06	4222861.93	35.77	4.15
			566203.29	4222849.00	33.50	4.15
			566241.61	4222810.50	32.98	4.15
			566260.67	4222792.78	33.67	4.15
			566333.03	4222722.10	29.99	4.15
			566363.86	4222691.49	30.00	4.15

Source Pathway - Source Inputs

AERMOD

Source Type: LINE VOLUME

Source: RA.AVE_FD2 (Off-site: Rainier Avenue - Fugitive Dust - phase 2)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
8.00	3.56E-6		566191.06	4222861.93	35.77	4.15
			566203.29	4222849.00	33.50	4.15
			566241.61	4222810.50	32.98	4.15
			566260.67	4222792.78	33.67	4.15
			566333.03	4222722.10	29.99	4.15
			566363.86	4222691.49	30.00	4.15

Source Pathway - Source Inputs

AERMOD

Volume Sources Generated from Line Sources

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimension [m]	Initial Vertical Dimension [m]
MINI.DR_DPM1	PH104414	565871.21	4223005.25	29.69	4.15	2.20E-7	10.00		4.65	3.86
	PH104415	565878.17	4222998.07	29.80	4.15	2.20E-7	10.00		4.65	3.86
	PH104416	565885.13	4222990.90	29.91	4.15	2.20E-7	10.00		4.65	3.86
	PH104417	565892.09	4222983.72	30.02	4.15	2.20E-7	10.00		4.65	3.86
	PH104418	565899.05	4222976.54	30.13	4.15	2.20E-7	10.00		4.65	3.86
	PH104419	565906.01	4222969.36	30.24	4.15	2.20E-7	10.00		4.65	3.86
	PH104420	565912.98	4222962.18	30.35	4.15	2.20E-7	10.00		4.65	3.86
	PH104421	565919.94	4222955.00	30.46	4.15	2.20E-7	10.00		4.65	3.86
	PH104422	565926.90	4222947.82	30.57	4.15	2.20E-7	10.00		4.65	3.86
	PH104423	565933.86	4222940.64	30.68	4.15	2.20E-7	10.00		4.65	3.86
	PH104424	565940.82	4222933.46	30.79	4.15	2.20E-7	10.00		4.65	3.86
	PH104425	565947.78	4222926.28	30.90	4.15	2.20E-7	10.00		4.65	3.86
	PH104426	565954.74	4222919.10	31.01	4.15	2.20E-7	10.00		4.65	3.86
	PH104427	565961.70	4222911.92	31.12	4.15	2.20E-7	10.00		4.65	3.86
	PH104428	565968.67	4222904.74	31.23	4.15	2.20E-7	10.00		4.65	3.86
	PH104429	565975.63	4222897.57	31.34	4.15	2.20E-7	10.00		4.65	3.86
	PH104430	565982.59	4222890.39	31.45	4.15	2.20E-7	10.00		4.65	3.86
	PH104431	565989.53	4222883.19	31.56	4.15	2.20E-7	10.00		4.65	3.86
	PH104432	565995.17	4222874.93	31.71	4.15	2.20E-7	10.00		4.65	3.86
	PH104433	566000.80	4222866.67	31.85	4.15	2.20E-7	10.00		4.65	3.86
	PH104434	566006.43	4222858.41	32.00	4.15	2.20E-7	10.00		4.65	3.86
	PH104435	566011.85	4222850.00	32.15	4.15	2.20E-7	10.00		4.65	3.86
	PH104436	566017.27	4222841.60	32.31	4.15	2.20E-7	10.00		4.65	3.86
	PH104437	566022.69	4222833.19	32.46	4.15	2.20E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
MINI.DR_DPM1	PH104438	566027.93	4222824.68	32.35	4.15	2.20E-7	10.00		4.65	3.86
	PH104439	566033.16	4222816.15	32.23	4.15	2.20E-7	10.00		4.65	3.86
	PH104440	566038.39	4222807.63	32.11	4.15	2.20E-7	10.00		4.65	3.86
	PH104441	566043.48	4222799.03	31.96	4.15	2.20E-7	10.00		4.65	3.86
	PH104442	566047.66	4222789.95	31.67	4.15	2.20E-7	10.00		4.65	3.86
	PH104443	566051.84	4222780.86	31.38	4.15	2.20E-7	10.00		4.65	3.86
	PH104444	566056.02	4222771.78	31.09	4.15	2.20E-7	10.00		4.65	3.86
	PH104445	566060.03	4222762.62	30.81	4.15	2.20E-7	10.00		4.65	3.86
	PH104446	566063.33	4222753.19	30.57	4.15	2.20E-7	10.00		4.65	3.86
	PH104447	566066.64	4222743.75	30.33	4.15	2.20E-7	10.00		4.65	3.86
	PH104448	566069.95	4222734.31	30.09	4.15	2.20E-7	10.00		4.65	3.86
	PH104449	566073.26	4222724.88	29.85	4.15	2.20E-7	10.00		4.65	3.86
	PH104450	566076.10	4222715.30	29.54	4.15	2.20E-7	10.00		4.65	3.86
	PH104451	566078.57	4222705.61	29.18	4.15	2.20E-7	10.00		4.65	3.86
	PH104452	566081.05	4222695.92	28.81	4.15	2.20E-7	10.00		4.65	3.86
	PH104453	566083.33	4222686.19	28.31	4.15	2.20E-7	10.00		4.65	3.86
	PH104454	566085.22	4222676.37	27.54	4.15	2.20E-7	10.00		4.65	3.86
	PH104455	566087.11	4222666.55	26.78	4.15	2.20E-7	10.00		4.65	3.86
	PH104456	566089.00	4222656.73	26.01	4.15	2.20E-7	10.00		4.65	3.86
	PH104457	566090.89	4222646.91	25.25	4.15	2.20E-7	10.00		4.65	3.86
	PH104458	566092.22	4222637.00	24.93	4.15	2.20E-7	10.00		4.65	3.86
	PH104459	566093.40	4222627.07	24.74	4.15	2.20E-7	10.00		4.65	3.86
	PH104460	566094.57	4222617.14	24.54	4.15	2.20E-7	10.00		4.65	3.86
	PH104461	566095.74	4222607.21	24.35	4.15	2.20E-7	10.00		4.65	3.86
	PH104462	566096.91	4222597.28	24.16	4.15	2.20E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
MINI.DR_DPM1	PH104463	566097.58	4222587.31	23.39	4.15	2.20E-7	10.00		4.65	3.86
	PH104464	566097.79	4222577.31	22.11	4.15	2.20E-7	10.00		4.65	3.86
	PH104465	566098.00	4222567.32	20.84	4.15	2.20E-7	10.00		4.65	3.86
	PH104466	566098.22	4222557.32	19.56	4.15	2.20E-7	10.00		4.65	3.86
	PH104467	566097.91	4222547.33	18.94	4.15	2.20E-7	10.00		4.65	3.86
	PH104468	566097.36	4222537.35	18.64	4.15	2.20E-7	10.00		4.65	3.86
	PH104469	566096.80	4222527.36	18.35	4.15	2.20E-7	10.00		4.65	3.86
	PH104470	566096.25	4222517.38	18.05	4.15	2.20E-7	10.00		4.65	3.86
	PH104471	566094.97	4222507.46	18.30	4.15	2.20E-7	10.00		4.65	3.86
	PH104472	566093.67	4222497.54	18.58	4.15	2.20E-7	10.00		4.65	3.86
	PH104473	566092.38	4222487.63	18.85	4.15	2.20E-7	10.00		4.65	3.86
	PH104474	566090.90	4222477.74	18.97	4.15	2.20E-7	10.00		4.65	3.86
	PH104475	566089.25	4222467.88	18.94	4.15	2.20E-7	10.00		4.65	3.86
	PH104476	566087.60	4222458.01	18.90	4.15	2.20E-7	10.00		4.65	3.86
	PH104477	566085.60	4222448.23	18.84	4.15	2.20E-7	10.00		4.65	3.86
	PH104478	566083.02	4222438.57	18.73	4.15	2.20E-7	10.00		4.65	3.86
	PH104479	566080.43	4222428.91	18.61	4.15	2.20E-7	10.00		4.65	3.86
	PH104480	566077.73	4222419.28	18.49	4.15	2.20E-7	10.00		4.65	3.86
	PH104481	566074.70	4222409.75	18.34	4.15	2.20E-7	10.00		4.65	3.86
	PH104482	566071.67	4222400.22	18.19	4.15	2.20E-7	10.00		4.65	3.86
	PH104483	566068.62	4222390.70	18.06	4.15	2.20E-7	10.00		4.65	3.86
	PH104484	566065.20	4222381.30	18.36	4.15	2.20E-7	10.00		4.65	3.86
	PH104485	566061.78	4222371.90	18.66	4.15	2.20E-7	10.00		4.65	3.86
	PH104486	566058.18	4222362.58	18.86	4.15	2.20E-7	10.00		4.65	3.86
	PH104487	566053.74	4222353.62	18.67	4.15	2.20E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

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Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
MINI.DR_DPM1	PH104488	566049.29	4222344.67	18.47	4.15	2.20E-7	10.00		4.65	3.86
	PH104489	566044.85	4222335.71	18.27	4.15	2.20E-7	10.00		4.65	3.86
	PH104490	566040.40	4222326.75	18.07	4.15	2.20E-7	10.00		4.65	3.86
	PH104491	566035.88	4222317.83	17.90	4.15	2.20E-7	10.00		4.65	3.86
	PH104492	566031.10	4222309.05	17.82	4.15	2.20E-7	10.00		4.65	3.86
	PH104493	566026.31	4222300.27	17.74	4.15	2.20E-7	10.00		4.65	3.86
	PH104494	566021.53	4222291.49	17.65	4.15	2.20E-7	10.00		4.65	3.86
	PH104495	566015.91	4222283.22	17.37	4.15	2.20E-7	10.00		4.65	3.86

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
MINI.DR_FD1	L0004578	565871.21	4223005.25	29.69	4.15	2.44E-7	10.00		4.65	3.86
	L0004579	565878.17	4222998.07	29.80	4.15	2.44E-7	10.00		4.65	3.86
	L0004580	565885.13	4222990.90	29.91	4.15	2.44E-7	10.00		4.65	3.86
	L0004581	565892.09	4222983.72	30.02	4.15	2.44E-7	10.00		4.65	3.86
	L0004582	565899.05	4222976.54	30.13	4.15	2.44E-7	10.00		4.65	3.86
	L0004583	565906.01	4222969.36	30.24	4.15	2.44E-7	10.00		4.65	3.86
	L0004584	565912.98	4222962.18	30.35	4.15	2.44E-7	10.00		4.65	3.86
	L0004585	565919.94	4222955.00	30.46	4.15	2.44E-7	10.00		4.65	3.86
	L0004586	565926.90	4222947.82	30.57	4.15	2.44E-7	10.00		4.65	3.86
	L0004587	565933.86	4222940.64	30.68	4.15	2.44E-7	10.00		4.65	3.86
	L0004588	565940.82	4222933.46	30.79	4.15	2.44E-7	10.00		4.65	3.86
	L0004589	565947.78	4222926.28	30.90	4.15	2.44E-7	10.00		4.65	3.86
	L0004590	565954.74	4222919.10	31.01	4.15	2.44E-7	10.00		4.65	3.86
	L0004591	565961.70	4222911.92	31.12	4.15	2.44E-7	10.00		4.65	3.86
	L0004592	565968.67	4222904.74	31.23	4.15	2.44E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

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Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
MINI.DR_FD1	L0004593	565975.63	4222897.57	31.34	4.15	2.44E-7	10.00		4.65	3.86
	L0004594	565982.59	4222890.39	31.45	4.15	2.44E-7	10.00		4.65	3.86
	L0004595	565989.53	4222883.19	31.56	4.15	2.44E-7	10.00		4.65	3.86
	L0004596	565995.17	4222874.93	31.71	4.15	2.44E-7	10.00		4.65	3.86
	L0004597	566000.80	4222866.67	31.85	4.15	2.44E-7	10.00		4.65	3.86
	L0004598	566006.43	4222858.41	32.00	4.15	2.44E-7	10.00		4.65	3.86
	L0004599	566011.85	4222850.00	32.15	4.15	2.44E-7	10.00		4.65	3.86
	L0004600	566017.27	4222841.60	32.31	4.15	2.44E-7	10.00		4.65	3.86
	L0004601	566022.69	4222833.19	32.46	4.15	2.44E-7	10.00		4.65	3.86
	L0004602	566027.93	4222824.68	32.35	4.15	2.44E-7	10.00		4.65	3.86
	L0004603	566033.16	4222816.15	32.23	4.15	2.44E-7	10.00		4.65	3.86
	L0004604	566038.39	4222807.63	32.11	4.15	2.44E-7	10.00		4.65	3.86
	L0004605	566043.48	4222799.03	31.96	4.15	2.44E-7	10.00		4.65	3.86
	L0004606	566047.66	4222789.95	31.67	4.15	2.44E-7	10.00		4.65	3.86
	L0004607	566051.84	4222780.86	31.38	4.15	2.44E-7	10.00		4.65	3.86
	L0004608	566056.02	4222771.78	31.09	4.15	2.44E-7	10.00		4.65	3.86
	L0004609	566060.03	4222762.62	30.81	4.15	2.44E-7	10.00		4.65	3.86
	L0004610	566063.33	4222753.19	30.57	4.15	2.44E-7	10.00		4.65	3.86
	L0004611	566066.64	4222743.75	30.33	4.15	2.44E-7	10.00		4.65	3.86
	L0004612	566069.95	4222734.31	30.09	4.15	2.44E-7	10.00		4.65	3.86
	L0004613	566073.26	4222724.88	29.85	4.15	2.44E-7	10.00		4.65	3.86
	L0004614	566076.10	4222715.30	29.54	4.15	2.44E-7	10.00		4.65	3.86
	L0004615	566078.57	4222705.61	29.18	4.15	2.44E-7	10.00		4.65	3.86
	L0004616	566081.05	4222695.92	28.81	4.15	2.44E-7	10.00		4.65	3.86
	L0004617	566083.33	4222686.19	28.31	4.15	2.44E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

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Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
MINI.DR_FD1	L0004618	566085.22	4222676.37	27.54	4.15	2.44E-7	10.00		4.65	3.86
	L0004619	566087.11	4222666.55	26.78	4.15	2.44E-7	10.00		4.65	3.86
	L0004620	566089.00	4222656.73	26.01	4.15	2.44E-7	10.00		4.65	3.86
	L0004621	566090.89	4222646.91	25.25	4.15	2.44E-7	10.00		4.65	3.86
	L0004622	566092.22	4222637.00	24.93	4.15	2.44E-7	10.00		4.65	3.86
	L0004623	566093.40	4222627.07	24.74	4.15	2.44E-7	10.00		4.65	3.86
	L0004624	566094.57	4222617.14	24.54	4.15	2.44E-7	10.00		4.65	3.86
	L0004625	566095.74	4222607.21	24.35	4.15	2.44E-7	10.00		4.65	3.86
	L0004626	566096.91	4222597.28	24.16	4.15	2.44E-7	10.00		4.65	3.86
	L0004627	566097.58	4222587.31	23.39	4.15	2.44E-7	10.00		4.65	3.86
	L0004628	566097.79	4222577.31	22.11	4.15	2.44E-7	10.00		4.65	3.86
	L0004629	566098.00	4222567.32	20.84	4.15	2.44E-7	10.00		4.65	3.86
	L0004630	566098.22	4222557.32	19.56	4.15	2.44E-7	10.00		4.65	3.86
	L0004631	566097.91	4222547.33	18.94	4.15	2.44E-7	10.00		4.65	3.86
	L0004632	566097.36	4222537.35	18.64	4.15	2.44E-7	10.00		4.65	3.86
	L0004633	566096.80	4222527.36	18.35	4.15	2.44E-7	10.00		4.65	3.86
	L0004634	566096.25	4222517.38	18.05	4.15	2.44E-7	10.00		4.65	3.86
	L0004635	566094.97	4222507.46	18.30	4.15	2.44E-7	10.00		4.65	3.86
	L0004636	566093.67	4222497.54	18.58	4.15	2.44E-7	10.00		4.65	3.86
	L0004637	566092.38	4222487.63	18.85	4.15	2.44E-7	10.00		4.65	3.86
	L0004638	566090.90	4222477.74	18.97	4.15	2.44E-7	10.00		4.65	3.86
	L0004639	566089.25	4222467.88	18.94	4.15	2.44E-7	10.00		4.65	3.86
	L0004640	566087.60	4222458.01	18.90	4.15	2.44E-7	10.00		4.65	3.86
	L0004641	566085.60	4222448.23	18.84	4.15	2.44E-7	10.00		4.65	3.86
	L0004642	566083.02	4222438.57	18.73	4.15	2.44E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

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Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
MINI.DR_FD1	L0004643	566080.43	4222428.91	18.61	4.15	2.44E-7	10.00		4.65	3.86
	L0004644	566077.73	4222419.28	18.49	4.15	2.44E-7	10.00		4.65	3.86
	L0004645	566074.70	4222409.75	18.34	4.15	2.44E-7	10.00		4.65	3.86
	L0004646	566071.67	4222400.22	18.19	4.15	2.44E-7	10.00		4.65	3.86
	L0004647	566068.62	4222390.70	18.06	4.15	2.44E-7	10.00		4.65	3.86
	L0004648	566065.20	4222381.30	18.36	4.15	2.44E-7	10.00		4.65	3.86
	L0004649	566061.78	4222371.90	18.66	4.15	2.44E-7	10.00		4.65	3.86
	L0004650	566058.18	4222362.58	18.86	4.15	2.44E-7	10.00		4.65	3.86
	L0004651	566053.74	4222353.62	18.67	4.15	2.44E-7	10.00		4.65	3.86
	L0004652	566049.29	4222344.67	18.47	4.15	2.44E-7	10.00		4.65	3.86
	L0004653	566044.85	4222335.71	18.27	4.15	2.44E-7	10.00		4.65	3.86
	L0004654	566040.40	4222326.75	18.07	4.15	2.44E-7	10.00		4.65	3.86
	L0004655	566035.88	4222317.83	17.90	4.15	2.44E-7	10.00		4.65	3.86
	L0004656	566031.10	4222309.05	17.82	4.15	2.44E-7	10.00		4.65	3.86
	L0004657	566026.31	4222300.27	17.74	4.15	2.44E-7	10.00		4.65	3.86
	L0004658	566021.53	4222291.49	17.65	4.15	2.44E-7	10.00		4.65	3.86
	L0004659	566015.91	4222283.22	17.37	4.15	2.44E-7	10.00		4.65	3.86

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
MINI.DR_DPM2	L0004660	565871.21	4223005.25	29.69	4.15	1.46E-7	10.00		4.65	3.86
	L0004661	565878.17	4222998.07	29.80	4.15	1.46E-7	10.00		4.65	3.86
	L0004662	565885.13	4222990.90	29.91	4.15	1.46E-7	10.00		4.65	3.86
	L0004663	565892.09	4222983.72	30.02	4.15	1.46E-7	10.00		4.65	3.86
	L0004664	565899.05	4222976.54	30.13	4.15	1.46E-7	10.00		4.65	3.86
	L0004665	565906.01	4222969.36	30.24	4.15	1.46E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

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Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
MINI.DR_DPM2	L0004666	565912.98	4222962.18	30.35	4.15	1.46E-7	10.00		4.65	3.86
	L0004667	565919.94	4222955.00	30.46	4.15	1.46E-7	10.00		4.65	3.86
	L0004668	565926.90	4222947.82	30.57	4.15	1.46E-7	10.00		4.65	3.86
	L0004669	565933.86	4222940.64	30.68	4.15	1.46E-7	10.00		4.65	3.86
	L0004670	565940.82	4222933.46	30.79	4.15	1.46E-7	10.00		4.65	3.86
	L0004671	565947.78	4222926.28	30.90	4.15	1.46E-7	10.00		4.65	3.86
	L0004672	565954.74	4222919.10	31.01	4.15	1.46E-7	10.00		4.65	3.86
	L0004673	565961.70	4222911.92	31.12	4.15	1.46E-7	10.00		4.65	3.86
	L0004674	565968.67	4222904.74	31.23	4.15	1.46E-7	10.00		4.65	3.86
	L0004675	565975.63	4222897.57	31.34	4.15	1.46E-7	10.00		4.65	3.86
	L0004676	565982.59	4222890.39	31.45	4.15	1.46E-7	10.00		4.65	3.86
	L0004677	565989.53	4222883.19	31.56	4.15	1.46E-7	10.00		4.65	3.86
	L0004678	565995.17	4222874.93	31.71	4.15	1.46E-7	10.00		4.65	3.86
	L0004679	566000.80	4222866.67	31.85	4.15	1.46E-7	10.00		4.65	3.86
	L0004680	566006.43	4222858.41	32.00	4.15	1.46E-7	10.00		4.65	3.86
	L0004681	566011.85	4222850.00	32.15	4.15	1.46E-7	10.00		4.65	3.86
	L0004682	566017.27	4222841.60	32.31	4.15	1.46E-7	10.00		4.65	3.86
	L0004683	566022.69	4222833.19	32.46	4.15	1.46E-7	10.00		4.65	3.86
	L0004684	566027.93	4222824.68	32.35	4.15	1.46E-7	10.00		4.65	3.86
	L0004685	566033.16	4222816.15	32.23	4.15	1.46E-7	10.00		4.65	3.86
	L0004686	566038.39	4222807.63	32.11	4.15	1.46E-7	10.00		4.65	3.86
	L0004687	566043.48	4222799.03	31.96	4.15	1.46E-7	10.00		4.65	3.86
	L0004688	566047.66	4222789.95	31.67	4.15	1.46E-7	10.00		4.65	3.86
	L0004689	566051.84	4222780.86	31.38	4.15	1.46E-7	10.00		4.65	3.86
	L0004690	566056.02	4222771.78	31.09	4.15	1.46E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

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Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
MINI.DR_DPM2	L0004691	566060.03	4222762.62	30.81	4.15	1.46E-7	10.00		4.65	3.86
	L0004692	566063.33	4222753.19	30.57	4.15	1.46E-7	10.00		4.65	3.86
	L0004693	566066.64	4222743.75	30.33	4.15	1.46E-7	10.00		4.65	3.86
	L0004694	566069.95	4222734.31	30.09	4.15	1.46E-7	10.00		4.65	3.86
	L0004695	566073.26	4222724.88	29.85	4.15	1.46E-7	10.00		4.65	3.86
	L0004696	566076.10	4222715.30	29.54	4.15	1.46E-7	10.00		4.65	3.86
	L0004697	566078.57	4222705.61	29.18	4.15	1.46E-7	10.00		4.65	3.86
	L0004698	566081.05	4222695.92	28.81	4.15	1.46E-7	10.00		4.65	3.86
	L0004699	566083.33	4222686.19	28.31	4.15	1.46E-7	10.00		4.65	3.86
	L0004700	566085.22	4222676.37	27.54	4.15	1.46E-7	10.00		4.65	3.86
	L0004701	566087.11	4222666.55	26.78	4.15	1.46E-7	10.00		4.65	3.86
	L0004702	566089.00	4222656.73	26.01	4.15	1.46E-7	10.00		4.65	3.86
	L0004703	566090.89	4222646.91	25.25	4.15	1.46E-7	10.00		4.65	3.86
	L0004704	566092.22	4222637.00	24.93	4.15	1.46E-7	10.00		4.65	3.86
	L0004705	566093.40	4222627.07	24.74	4.15	1.46E-7	10.00		4.65	3.86
	L0004706	566094.57	4222617.14	24.54	4.15	1.46E-7	10.00		4.65	3.86
	L0004707	566095.74	4222607.21	24.35	4.15	1.46E-7	10.00		4.65	3.86
	L0004708	566096.91	4222597.28	24.16	4.15	1.46E-7	10.00		4.65	3.86
	L0004709	566097.58	4222587.31	23.39	4.15	1.46E-7	10.00		4.65	3.86
	L0004710	566097.79	4222577.31	22.11	4.15	1.46E-7	10.00		4.65	3.86
	L0004711	566098.00	4222567.32	20.84	4.15	1.46E-7	10.00		4.65	3.86
	L0004712	566098.22	4222557.32	19.56	4.15	1.46E-7	10.00		4.65	3.86
	L0004713	566097.91	4222547.33	18.94	4.15	1.46E-7	10.00		4.65	3.86
	L0004714	566097.36	4222537.35	18.64	4.15	1.46E-7	10.00		4.65	3.86
	L0004715	566096.80	4222527.36	18.35	4.15	1.46E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
MINI.DR_DPM2	L0004716	566096.25	4222517.38	18.05	4.15	1.46E-7	10.00		4.65	3.86
	L0004717	566094.97	4222507.46	18.30	4.15	1.46E-7	10.00		4.65	3.86
	L0004718	566093.67	4222497.54	18.58	4.15	1.46E-7	10.00		4.65	3.86
	L0004719	566092.38	4222487.63	18.85	4.15	1.46E-7	10.00		4.65	3.86
	L0004720	566090.90	4222477.74	18.97	4.15	1.46E-7	10.00		4.65	3.86
	L0004721	566089.25	4222467.88	18.94	4.15	1.46E-7	10.00		4.65	3.86
	L0004722	566087.60	4222458.01	18.90	4.15	1.46E-7	10.00		4.65	3.86
	L0004723	566085.60	4222448.23	18.84	4.15	1.46E-7	10.00		4.65	3.86
	L0004724	566083.02	4222438.57	18.73	4.15	1.46E-7	10.00		4.65	3.86
	L0004725	566080.43	4222428.91	18.61	4.15	1.46E-7	10.00		4.65	3.86
	L0004726	566077.73	4222419.28	18.49	4.15	1.46E-7	10.00		4.65	3.86
	L0004727	566074.70	4222409.75	18.34	4.15	1.46E-7	10.00		4.65	3.86
	L0004728	566071.67	4222400.22	18.19	4.15	1.46E-7	10.00		4.65	3.86
	L0004729	566068.62	4222390.70	18.06	4.15	1.46E-7	10.00		4.65	3.86
	L0004730	566065.20	4222381.30	18.36	4.15	1.46E-7	10.00		4.65	3.86
	L0004731	566061.78	4222371.90	18.66	4.15	1.46E-7	10.00		4.65	3.86
	L0004732	566058.18	4222362.58	18.86	4.15	1.46E-7	10.00		4.65	3.86
	L0004733	566053.74	4222353.62	18.67	4.15	1.46E-7	10.00		4.65	3.86
	L0004734	566049.29	4222344.67	18.47	4.15	1.46E-7	10.00		4.65	3.86
	L0004735	566044.85	4222335.71	18.27	4.15	1.46E-7	10.00		4.65	3.86
	L0004736	566040.40	4222326.75	18.07	4.15	1.46E-7	10.00		4.65	3.86
	L0004737	566035.88	4222317.83	17.90	4.15	1.46E-7	10.00		4.65	3.86
	L0004738	566031.10	4222309.05	17.82	4.15	1.46E-7	10.00		4.65	3.86
	L0004739	566026.31	4222300.27	17.74	4.15	1.46E-7	10.00		4.65	3.86
	L0004740	566021.53	4222291.49	17.65	4.15	1.46E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimension [m]	Initial Vertical Dimension [m]
MINI.DR_DPM2	L0004741	566015.91	4222283.22	17.37	4.15	1.46E-7	10.00		4.65	3.86

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimension [m]	Initial Vertical Dimension [m]
MINI.DR_FD2	L0004742	565871.21	4223005.25	29.69	4.15	1.46E-7	10.00		4.65	3.86
	L0004743	565878.17	4222998.07	29.80	4.15	1.46E-7	10.00		4.65	3.86
	L0004744	565885.13	4222990.90	29.91	4.15	1.46E-7	10.00		4.65	3.86
	L0004745	565892.09	4222983.72	30.02	4.15	1.46E-7	10.00		4.65	3.86
	L0004746	565899.05	4222976.54	30.13	4.15	1.46E-7	10.00		4.65	3.86
	L0004747	565906.01	4222969.36	30.24	4.15	1.46E-7	10.00		4.65	3.86
	L0004748	565912.98	4222962.18	30.35	4.15	1.46E-7	10.00		4.65	3.86
	L0004749	565919.94	4222955.00	30.46	4.15	1.46E-7	10.00		4.65	3.86
	L0004750	565926.90	4222947.82	30.57	4.15	1.46E-7	10.00		4.65	3.86
	L0004751	565933.86	4222940.64	30.68	4.15	1.46E-7	10.00		4.65	3.86
	L0004752	565940.82	4222933.46	30.79	4.15	1.46E-7	10.00		4.65	3.86
	L0004753	565947.78	4222926.28	30.90	4.15	1.46E-7	10.00		4.65	3.86
	L0004754	565954.74	4222919.10	31.01	4.15	1.46E-7	10.00		4.65	3.86
	L0004755	565961.70	4222911.92	31.12	4.15	1.46E-7	10.00		4.65	3.86
	L0004756	565968.67	4222904.74	31.23	4.15	1.46E-7	10.00		4.65	3.86
	L0004757	565975.63	4222897.57	31.34	4.15	1.46E-7	10.00		4.65	3.86
	L0004758	565982.59	4222890.39	31.45	4.15	1.46E-7	10.00		4.65	3.86
	L0004759	565989.53	4222883.19	31.56	4.15	1.46E-7	10.00		4.65	3.86
	L0004760	565995.17	4222874.93	31.71	4.15	1.46E-7	10.00		4.65	3.86
	L0004761	566000.80	4222866.67	31.85	4.15	1.46E-7	10.00		4.65	3.86
	L0004762	566006.43	4222858.41	32.00	4.15	1.46E-7	10.00		4.65	3.86
	L0004763	566011.85	4222850.00	32.15	4.15	1.46E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
MINI.DR_FD2	L0004764	566017.27	4222841.60	32.31	4.15	1.46E-7	10.00		4.65	3.86
	L0004765	566022.69	4222833.19	32.46	4.15	1.46E-7	10.00		4.65	3.86
	L0004766	566027.93	4222824.68	32.35	4.15	1.46E-7	10.00		4.65	3.86
	L0004767	566033.16	4222816.15	32.23	4.15	1.46E-7	10.00		4.65	3.86
	L0004768	566038.39	4222807.63	32.11	4.15	1.46E-7	10.00		4.65	3.86
	L0004769	566043.48	4222799.03	31.96	4.15	1.46E-7	10.00		4.65	3.86
	L0004770	566047.66	4222789.95	31.67	4.15	1.46E-7	10.00		4.65	3.86
	L0004771	566051.84	4222780.86	31.38	4.15	1.46E-7	10.00		4.65	3.86
	L0004772	566056.02	4222771.78	31.09	4.15	1.46E-7	10.00		4.65	3.86
	L0004773	566060.03	4222762.62	30.81	4.15	1.46E-7	10.00		4.65	3.86
	L0004774	566063.33	4222753.19	30.57	4.15	1.46E-7	10.00		4.65	3.86
	L0004775	566066.64	4222743.75	30.33	4.15	1.46E-7	10.00		4.65	3.86
	L0004776	566069.95	4222734.31	30.09	4.15	1.46E-7	10.00		4.65	3.86
	L0004777	566073.26	4222724.88	29.85	4.15	1.46E-7	10.00		4.65	3.86
	L0004778	566076.10	4222715.30	29.54	4.15	1.46E-7	10.00		4.65	3.86
	L0004779	566078.57	4222705.61	29.18	4.15	1.46E-7	10.00		4.65	3.86
	L0004780	566081.05	4222695.92	28.81	4.15	1.46E-7	10.00		4.65	3.86
	L0004781	566083.33	4222686.19	28.31	4.15	1.46E-7	10.00		4.65	3.86
	L0004782	566085.22	4222676.37	27.54	4.15	1.46E-7	10.00		4.65	3.86
	L0004783	566087.11	4222666.55	26.78	4.15	1.46E-7	10.00		4.65	3.86
	L0004784	566089.00	4222656.73	26.01	4.15	1.46E-7	10.00		4.65	3.86
	L0004785	566090.89	4222646.91	25.25	4.15	1.46E-7	10.00		4.65	3.86
	L0004786	566092.22	4222637.00	24.93	4.15	1.46E-7	10.00		4.65	3.86
	L0004787	566093.40	4222627.07	24.74	4.15	1.46E-7	10.00		4.65	3.86
	L0004788	566094.57	4222617.14	24.54	4.15	1.46E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
MINI.DR_FD2	L0004789	566095.74	4222607.21	24.35	4.15	1.46E-7	10.00		4.65	3.86
	L0004790	566096.91	4222597.28	24.16	4.15	1.46E-7	10.00		4.65	3.86
	L0004791	566097.58	4222587.31	23.39	4.15	1.46E-7	10.00		4.65	3.86
	L0004792	566097.79	4222577.31	22.11	4.15	1.46E-7	10.00		4.65	3.86
	L0004793	566098.00	4222567.32	20.84	4.15	1.46E-7	10.00		4.65	3.86
	L0004794	566098.22	4222557.32	19.56	4.15	1.46E-7	10.00		4.65	3.86
	L0004795	566097.91	4222547.33	18.94	4.15	1.46E-7	10.00		4.65	3.86
	L0004796	566097.36	4222537.35	18.64	4.15	1.46E-7	10.00		4.65	3.86
	L0004797	566096.80	4222527.36	18.35	4.15	1.46E-7	10.00		4.65	3.86
	L0004798	566096.25	4222517.38	18.05	4.15	1.46E-7	10.00		4.65	3.86
	L0004799	566094.97	4222507.46	18.30	4.15	1.46E-7	10.00		4.65	3.86
	L0004800	566093.67	4222497.54	18.58	4.15	1.46E-7	10.00		4.65	3.86
	L0004801	566092.38	4222487.63	18.85	4.15	1.46E-7	10.00		4.65	3.86
	L0004802	566090.90	4222477.74	18.97	4.15	1.46E-7	10.00		4.65	3.86
	L0004803	566089.25	4222467.88	18.94	4.15	1.46E-7	10.00		4.65	3.86
	L0004804	566087.60	4222458.01	18.90	4.15	1.46E-7	10.00		4.65	3.86
	L0004805	566085.60	4222448.23	18.84	4.15	1.46E-7	10.00		4.65	3.86
	L0004806	566083.02	4222438.57	18.73	4.15	1.46E-7	10.00		4.65	3.86
	L0004807	566080.43	4222428.91	18.61	4.15	1.46E-7	10.00		4.65	3.86
	L0004808	566077.73	4222419.28	18.49	4.15	1.46E-7	10.00		4.65	3.86
	L0004809	566074.70	4222409.75	18.34	4.15	1.46E-7	10.00		4.65	3.86
	L0004810	566071.67	4222400.22	18.19	4.15	1.46E-7	10.00		4.65	3.86
	L0004811	566068.62	4222390.70	18.06	4.15	1.46E-7	10.00		4.65	3.86
	L0004812	566065.20	4222381.30	18.36	4.15	1.46E-7	10.00		4.65	3.86
	L0004813	566061.78	4222371.90	18.66	4.15	1.46E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
MINI.DR_FD2	L0004814	566058.18	4222362.58	18.86	4.15	1.46E-7	10.00		4.65	3.86
	L0004815	566053.74	4222353.62	18.67	4.15	1.46E-7	10.00		4.65	3.86
	L0004816	566049.29	4222344.67	18.47	4.15	1.46E-7	10.00		4.65	3.86
	L0004817	566044.85	4222335.71	18.27	4.15	1.46E-7	10.00		4.65	3.86
	L0004818	566040.40	4222326.75	18.07	4.15	1.46E-7	10.00		4.65	3.86
	L0004819	566035.88	4222317.83	17.90	4.15	1.46E-7	10.00		4.65	3.86
	L0004820	566031.10	4222309.05	17.82	4.15	1.46E-7	10.00		4.65	3.86
	L0004821	566026.31	4222300.27	17.74	4.15	1.46E-7	10.00		4.65	3.86
	L0004822	566021.53	4222291.49	17.65	4.15	1.46E-7	10.00		4.65	3.86
	L0004823	566015.91	4222283.22	17.37	4.15	1.46E-7	10.00		4.65	3.86

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
CO.AVE_DPM1	L0004824	566062.30	4222784.18	31.79	4.15	2.21E-7	10.00		4.65	3.86
	L0004825	566071.52	4222788.05	31.56	4.15	2.21E-7	10.00		4.65	3.86
	L0004826	566080.74	4222791.91	31.34	4.15	2.21E-7	10.00		4.65	3.86
	L0004827	566089.97	4222795.77	31.11	4.15	2.21E-7	10.00		4.65	3.86
	L0004828	566098.54	4222800.90	31.35	4.15	2.21E-7	10.00		4.65	3.86
	L0004829	566107.09	4222806.10	31.61	4.15	2.21E-7	10.00		4.65	3.86
	L0004830	566115.63	4222811.30	31.88	4.15	2.21E-7	10.00		4.65	3.86
	L0004831	566123.88	4222816.95	32.13	4.15	2.21E-7	10.00		4.65	3.86
	L0004832	566132.04	4222822.72	32.39	4.15	2.21E-7	10.00		4.65	3.86
	L0004833	566140.21	4222828.49	32.64	4.15	2.21E-7	10.00		4.65	3.86
	L0004834	566148.38	4222834.26	32.90	4.15	2.21E-7	10.00		4.65	3.86
	L0004835	566156.16	4222840.53	33.38	4.15	2.21E-7	10.00		4.65	3.86
	L0004836	566163.77	4222847.02	33.97	4.15	2.21E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
CO.AVE_DPM1	L0004837	566171.37	4222853.51	34.56	4.15	2.21E-7	10.00		4.65	3.86
	L0004838	566178.98	4222860.00	35.14	4.15	2.21E-7	10.00		4.65	3.86
	L0004839	566186.24	4222866.84	35.72	4.15	2.21E-7	10.00		4.65	3.86
	L0004840	566192.88	4222874.32	36.27	4.15	2.21E-7	10.00		4.65	3.86
	L0004841	566199.51	4222881.81	36.83	4.15	2.21E-7	10.00		4.65	3.86
	L0004842	566206.15	4222889.29	37.38	4.15	2.21E-7	10.00		4.65	3.86
	L0004843	566213.04	4222896.53	38.11	4.15	2.21E-7	10.00		4.65	3.86
	L0004844	566220.00	4222903.71	38.89	4.15	2.21E-7	10.00		4.65	3.86
	L0004845	566226.95	4222910.89	39.67	4.15	2.21E-7	10.00		4.65	3.86
	L0004846	566233.91	4222918.08	40.45	4.15	2.21E-7	10.00		4.65	3.86
	L0004847	566240.87	4222925.26	41.23	4.15	2.21E-7	10.00		4.65	3.86
	L0004848	566247.83	4222932.44	42.01	4.15	2.21E-7	10.00		4.65	3.86
	L0004849	566254.79	4222939.62	42.79	4.15	2.21E-7	10.00		4.65	3.86
	L0004850	566261.75	4222946.80	43.56	4.15	2.21E-7	10.00		4.65	3.86
	L0004851	566268.75	4222953.94	43.67	4.15	2.21E-7	10.00		4.65	3.86
	L0004852	566275.78	4222961.06	43.16	4.15	2.21E-7	10.00		4.65	3.86
	L0004853	566282.80	4222968.17	42.65	4.15	2.21E-7	10.00		4.65	3.86
	L0004854	566289.83	4222975.29	42.14	4.15	2.21E-7	10.00		4.65	3.86
	L0004855	566296.86	4222982.40	41.62	4.15	2.21E-7	10.00		4.65	3.86
	L0004856	566303.88	4222989.52	41.11	4.15	2.21E-7	10.00		4.65	3.86
	L0004857	566310.91	4222996.63	40.60	4.15	2.21E-7	10.00		4.65	3.86
	L0004858	566317.94	4223003.75	40.08	4.15	2.21E-7	10.00		4.65	3.86
	L0004859	566324.96	4223010.86	39.57	4.15	2.21E-7	10.00		4.65	3.86
	L0004860	566331.99	4223017.98	39.06	4.15	2.21E-7	10.00		4.65	3.86
	L0004861	566339.02	4223025.09	38.54	4.15	2.21E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
CO.AVE_DPM1	L0004862	566346.04	4223032.21	38.03	4.15	2.21E-7	10.00		4.65	3.86
	L0004863	566353.07	4223039.32	37.52	4.15	2.21E-7	10.00		4.65	3.86
	L0004864	566360.10	4223046.44	37.00	4.15	2.21E-7	10.00		4.65	3.86
	L0004865	566367.12	4223053.55	36.49	4.15	2.21E-7	10.00		4.65	3.86
	L0004866	566374.15	4223060.67	35.98	4.15	2.21E-7	10.00		4.65	3.86
	L0004867	566381.13	4223067.83	34.68	4.15	2.21E-7	10.00		4.65	3.86
	L0004868	566388.10	4223075.01	33.31	4.15	2.21E-7	10.00		4.65	3.86
	L0004869	566395.07	4223082.18	31.93	4.15	2.21E-7	10.00		4.65	3.86
	L0004870	566402.04	4223089.35	30.56	4.15	2.21E-7	10.00		4.65	3.86
	L0004871	566409.01	4223096.52	29.18	4.15	2.21E-7	10.00		4.65	3.86

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
CO.AVE_FD1	L0004872	566062.30	4222784.18	31.79	4.15	2.46E-7	10.00		4.65	3.86
	L0004873	566071.52	4222788.05	31.56	4.15	2.46E-7	10.00		4.65	3.86
	L0004874	566080.74	4222791.91	31.34	4.15	2.46E-7	10.00		4.65	3.86
	L0004875	566089.97	4222795.77	31.11	4.15	2.46E-7	10.00		4.65	3.86
	L0004876	566098.54	4222800.90	31.35	4.15	2.46E-7	10.00		4.65	3.86
	L0004877	566107.09	4222806.10	31.61	4.15	2.46E-7	10.00		4.65	3.86
	L0004878	566115.63	4222811.30	31.88	4.15	2.46E-7	10.00		4.65	3.86
	L0004879	566123.88	4222816.95	32.13	4.15	2.46E-7	10.00		4.65	3.86
	L0004880	566132.04	4222822.72	32.39	4.15	2.46E-7	10.00		4.65	3.86
	L0004881	566140.21	4222828.49	32.64	4.15	2.46E-7	10.00		4.65	3.86
	L0004882	566148.38	4222834.26	32.90	4.15	2.46E-7	10.00		4.65	3.86
	L0004883	566156.16	4222840.53	33.38	4.15	2.46E-7	10.00		4.65	3.86
	L0004884	566163.77	4222847.02	33.97	4.15	2.46E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimension [m]	Initial Vertical Dimension [m]
CO.AVE_FD1	L0004885	566171.37	4222853.51	34.56	4.15	2.46E-7	10.00		4.65	3.86
	L0004886	566178.98	4222860.00	35.14	4.15	2.46E-7	10.00		4.65	3.86
	L0004887	566186.24	4222866.84	35.72	4.15	2.46E-7	10.00		4.65	3.86
	L0004888	566192.88	4222874.32	36.27	4.15	2.46E-7	10.00		4.65	3.86
	L0004889	566199.51	4222881.81	36.83	4.15	2.46E-7	10.00		4.65	3.86
	L0004890	566206.15	4222889.29	37.38	4.15	2.46E-7	10.00		4.65	3.86
	L0004891	566213.04	4222896.53	38.11	4.15	2.46E-7	10.00		4.65	3.86
	L0004892	566220.00	4222903.71	38.89	4.15	2.46E-7	10.00		4.65	3.86
	L0004893	566226.95	4222910.89	39.67	4.15	2.46E-7	10.00		4.65	3.86
	L0004894	566233.91	4222918.08	40.45	4.15	2.46E-7	10.00		4.65	3.86
	L0004895	566240.87	4222925.26	41.23	4.15	2.46E-7	10.00		4.65	3.86
	L0004896	566247.83	4222932.44	42.01	4.15	2.46E-7	10.00		4.65	3.86
	L0004897	566254.79	4222939.62	42.79	4.15	2.46E-7	10.00		4.65	3.86
	L0004898	566261.75	4222946.80	43.56	4.15	2.46E-7	10.00		4.65	3.86
	L0004899	566268.75	4222953.94	43.67	4.15	2.46E-7	10.00		4.65	3.86
	L0004900	566275.78	4222961.06	43.16	4.15	2.46E-7	10.00		4.65	3.86
	L0004901	566282.80	4222968.17	42.65	4.15	2.46E-7	10.00		4.65	3.86
	L0004902	566289.83	4222975.29	42.14	4.15	2.46E-7	10.00		4.65	3.86
	L0004903	566296.86	4222982.40	41.62	4.15	2.46E-7	10.00		4.65	3.86
	L0004904	566303.88	4222989.52	41.11	4.15	2.46E-7	10.00		4.65	3.86
	L0004905	566310.91	4222996.63	40.60	4.15	2.46E-7	10.00		4.65	3.86
	L0004906	566317.94	4223003.75	40.08	4.15	2.46E-7	10.00		4.65	3.86
	L0004907	566324.96	4223010.86	39.57	4.15	2.46E-7	10.00		4.65	3.86
	L0004908	566331.99	4223017.98	39.06	4.15	2.46E-7	10.00		4.65	3.86
	L0004909	566339.02	4223025.09	38.54	4.15	2.46E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
CO.AVE_FD1	L0004910	566346.04	4223032.21	38.03	4.15	2.46E-7	10.00		4.65	3.86
	L0004911	566353.07	4223039.32	37.52	4.15	2.46E-7	10.00		4.65	3.86
	L0004912	566360.10	4223046.44	37.00	4.15	2.46E-7	10.00		4.65	3.86
	L0004913	566367.12	4223053.55	36.49	4.15	2.46E-7	10.00		4.65	3.86
	L0004914	566374.15	4223060.67	35.98	4.15	2.46E-7	10.00		4.65	3.86
	L0004915	566381.13	4223067.83	34.68	4.15	2.46E-7	10.00		4.65	3.86
	L0004916	566388.10	4223075.01	33.31	4.15	2.46E-7	10.00		4.65	3.86
	L0004917	566395.07	4223082.18	31.93	4.15	2.46E-7	10.00		4.65	3.86
	L0004918	566402.04	4223089.35	30.56	4.15	2.46E-7	10.00		4.65	3.86
	L0004919	566409.01	4223096.52	29.18	4.15	2.46E-7	10.00		4.65	3.86

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
CO.AVE_DPM2	L0004920	566062.30	4222784.18	31.79	4.15	1.47E-7	10.00		4.65	3.86
	L0004921	566071.52	4222788.05	31.56	4.15	1.47E-7	10.00		4.65	3.86
	L0004922	566080.74	4222791.91	31.34	4.15	1.47E-7	10.00		4.65	3.86
	L0004923	566089.97	4222795.77	31.11	4.15	1.47E-7	10.00		4.65	3.86
	L0004924	566098.54	4222800.90	31.35	4.15	1.47E-7	10.00		4.65	3.86
	L0004925	566107.09	4222806.10	31.61	4.15	1.47E-7	10.00		4.65	3.86
	L0004926	566115.63	4222811.30	31.88	4.15	1.47E-7	10.00		4.65	3.86
	L0004927	566123.88	4222816.95	32.13	4.15	1.47E-7	10.00		4.65	3.86
	L0004928	566132.04	4222822.72	32.39	4.15	1.47E-7	10.00		4.65	3.86
	L0004929	566140.21	4222828.49	32.64	4.15	1.47E-7	10.00		4.65	3.86
	L0004930	566148.38	4222834.26	32.90	4.15	1.47E-7	10.00		4.65	3.86
	L0004931	566156.16	4222840.53	33.38	4.15	1.47E-7	10.00		4.65	3.86
	L0004932	566163.77	4222847.02	33.97	4.15	1.47E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
CO.AVE_DPM2	L0004933	566171.37	4222853.51	34.56	4.15	1.47E-7	10.00		4.65	3.86
	L0004934	566178.98	4222860.00	35.14	4.15	1.47E-7	10.00		4.65	3.86
	L0004935	566186.24	4222866.84	35.72	4.15	1.47E-7	10.00		4.65	3.86
	L0004936	566192.88	4222874.32	36.27	4.15	1.47E-7	10.00		4.65	3.86
	L0004937	566199.51	4222881.81	36.83	4.15	1.47E-7	10.00		4.65	3.86
	L0004938	566206.15	4222889.29	37.38	4.15	1.47E-7	10.00		4.65	3.86
	L0004939	566213.04	4222896.53	38.11	4.15	1.47E-7	10.00		4.65	3.86
	L0004940	566220.00	4222903.71	38.89	4.15	1.47E-7	10.00		4.65	3.86
	L0004941	566226.95	4222910.89	39.67	4.15	1.47E-7	10.00		4.65	3.86
	L0004942	566233.91	4222918.08	40.45	4.15	1.47E-7	10.00		4.65	3.86
	L0004943	566240.87	4222925.26	41.23	4.15	1.47E-7	10.00		4.65	3.86
	L0004944	566247.83	4222932.44	42.01	4.15	1.47E-7	10.00		4.65	3.86
	L0004945	566254.79	4222939.62	42.79	4.15	1.47E-7	10.00		4.65	3.86
	L0004946	566261.75	4222946.80	43.56	4.15	1.47E-7	10.00		4.65	3.86
	L0004947	566268.75	4222953.94	43.67	4.15	1.47E-7	10.00		4.65	3.86
	L0004948	566275.78	4222961.06	43.16	4.15	1.47E-7	10.00		4.65	3.86
	L0004949	566282.80	4222968.17	42.65	4.15	1.47E-7	10.00		4.65	3.86
	L0004950	566289.83	4222975.29	42.14	4.15	1.47E-7	10.00		4.65	3.86
	L0004951	566296.86	4222982.40	41.62	4.15	1.47E-7	10.00		4.65	3.86
	L0004952	566303.88	4222989.52	41.11	4.15	1.47E-7	10.00		4.65	3.86
	L0004953	566310.91	4222996.63	40.60	4.15	1.47E-7	10.00		4.65	3.86
	L0004954	566317.94	4223003.75	40.08	4.15	1.47E-7	10.00		4.65	3.86
	L0004955	566324.96	4223010.86	39.57	4.15	1.47E-7	10.00		4.65	3.86
	L0004956	566331.99	4223017.98	39.06	4.15	1.47E-7	10.00		4.65	3.86
	L0004957	566339.02	4223025.09	38.54	4.15	1.47E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
CO.AVE_DPM2	L0004958	566346.04	4223032.21	38.03	4.15	1.47E-7	10.00		4.65	3.86
	L0004959	566353.07	4223039.32	37.52	4.15	1.47E-7	10.00		4.65	3.86
	L0004960	566360.10	4223046.44	37.00	4.15	1.47E-7	10.00		4.65	3.86
	L0004961	566367.12	4223053.55	36.49	4.15	1.47E-7	10.00		4.65	3.86
	L0004962	566374.15	4223060.67	35.98	4.15	1.47E-7	10.00		4.65	3.86
	L0004963	566381.13	4223067.83	34.68	4.15	1.47E-7	10.00		4.65	3.86
	L0004964	566388.10	4223075.01	33.31	4.15	1.47E-7	10.00		4.65	3.86
	L0004965	566395.07	4223082.18	31.93	4.15	1.47E-7	10.00		4.65	3.86
	L0004966	566402.04	4223089.35	30.56	4.15	1.47E-7	10.00		4.65	3.86
	L0004967	566409.01	4223096.52	29.18	4.15	1.47E-7	10.00		4.65	3.86

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
CO.AVE_FD2	L0004968	566062.30	4222784.18	31.79	4.15	1.47E-7	10.00		4.65	3.86
	L0004969	566071.52	4222788.05	31.56	4.15	1.47E-7	10.00		4.65	3.86
	L0004970	566080.74	4222791.91	31.34	4.15	1.47E-7	10.00		4.65	3.86
	L0004971	566089.97	4222795.77	31.11	4.15	1.47E-7	10.00		4.65	3.86
	L0004972	566098.54	4222800.90	31.35	4.15	1.47E-7	10.00		4.65	3.86
	L0004973	566107.09	4222806.10	31.61	4.15	1.47E-7	10.00		4.65	3.86
	L0004974	566115.63	4222811.30	31.88	4.15	1.47E-7	10.00		4.65	3.86
	L0004975	566123.88	4222816.95	32.13	4.15	1.47E-7	10.00		4.65	3.86
	L0004976	566132.04	4222822.72	32.39	4.15	1.47E-7	10.00		4.65	3.86
	L0004977	566140.21	4222828.49	32.64	4.15	1.47E-7	10.00		4.65	3.86
	L0004978	566148.38	4222834.26	32.90	4.15	1.47E-7	10.00		4.65	3.86
	L0004979	566156.16	4222840.53	33.38	4.15	1.47E-7	10.00		4.65	3.86
	L0004980	566163.77	4222847.02	33.97	4.15	1.47E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
CO.AVE_FD2	L0004981	566171.37	4222853.51	34.56	4.15	1.47E-7	10.00		4.65	3.86
	L0004982	566178.98	4222860.00	35.14	4.15	1.47E-7	10.00		4.65	3.86
	L0004983	566186.24	4222866.84	35.72	4.15	1.47E-7	10.00		4.65	3.86
	L0004984	566192.88	4222874.32	36.27	4.15	1.47E-7	10.00		4.65	3.86
	L0004985	566199.51	4222881.81	36.83	4.15	1.47E-7	10.00		4.65	3.86
	L0004986	566206.15	4222889.29	37.38	4.15	1.47E-7	10.00		4.65	3.86
	L0004987	566213.04	4222896.53	38.11	4.15	1.47E-7	10.00		4.65	3.86
	L0004988	566220.00	4222903.71	38.89	4.15	1.47E-7	10.00		4.65	3.86
	L0004989	566226.95	4222910.89	39.67	4.15	1.47E-7	10.00		4.65	3.86
	L0004990	566233.91	4222918.08	40.45	4.15	1.47E-7	10.00		4.65	3.86
	L0004991	566240.87	4222925.26	41.23	4.15	1.47E-7	10.00		4.65	3.86
	L0004992	566247.83	4222932.44	42.01	4.15	1.47E-7	10.00		4.65	3.86
	L0004993	566254.79	4222939.62	42.79	4.15	1.47E-7	10.00		4.65	3.86
	L0004994	566261.75	4222946.80	43.56	4.15	1.47E-7	10.00		4.65	3.86
	L0004995	566268.75	4222953.94	43.67	4.15	1.47E-7	10.00		4.65	3.86
	L0004996	566275.78	4222961.06	43.16	4.15	1.47E-7	10.00		4.65	3.86
	L0004997	566282.80	4222968.17	42.65	4.15	1.47E-7	10.00		4.65	3.86
	L0004998	566289.83	4222975.29	42.14	4.15	1.47E-7	10.00		4.65	3.86
	L0004999	566296.86	4222982.40	41.62	4.15	1.47E-7	10.00		4.65	3.86
	L0005000	566303.88	4222989.52	41.11	4.15	1.47E-7	10.00		4.65	3.86
	L0005001	566310.91	4222996.63	40.60	4.15	1.47E-7	10.00		4.65	3.86
	L0005002	566317.94	4223003.75	40.08	4.15	1.47E-7	10.00		4.65	3.86
	L0005003	566324.96	4223010.86	39.57	4.15	1.47E-7	10.00		4.65	3.86
	L0005004	566331.99	4223017.98	39.06	4.15	1.47E-7	10.00		4.65	3.86
	L0005005	566339.02	4223025.09	38.54	4.15	1.47E-7	10.00		4.65	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
CO.AVE_FD2	L0005006	566346.04	4223032.21	38.03	4.15	1.47E-7	10.00		4.65	3.86
	L0005007	566353.07	4223039.32	37.52	4.15	1.47E-7	10.00		4.65	3.86
	L0005008	566360.10	4223046.44	37.00	4.15	1.47E-7	10.00		4.65	3.86
	L0005009	566367.12	4223053.55	36.49	4.15	1.47E-7	10.00		4.65	3.86
	L0005010	566374.15	4223060.67	35.98	4.15	1.47E-7	10.00		4.65	3.86
	L0005011	566381.13	4223067.83	34.68	4.15	1.47E-7	10.00		4.65	3.86
	L0005012	566388.10	4223075.01	33.31	4.15	1.47E-7	10.00		4.65	3.86
	L0005013	566395.07	4223082.18	31.93	4.15	1.47E-7	10.00		4.65	3.86
	L0005014	566402.04	4223089.35	30.56	4.15	1.47E-7	10.00		4.65	3.86
	L0005015	566409.01	4223096.52	29.18	4.15	1.47E-7	10.00		4.65	3.86

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
PO.PL_DPM1	L0005016	566100.72	4222790.17	30.98	4.15	1.77E-7	8.00		3.72	3.86
	L0005017	566106.07	4222784.21	30.91	4.15	1.77E-7	8.00		3.72	3.86
	L0005018	566111.47	4222778.32	30.81	4.15	1.77E-7	8.00		3.72	3.86
	L0005019	566117.30	4222772.84	30.55	4.15	1.77E-7	8.00		3.72	3.86
	L0005020	566123.13	4222767.36	30.30	4.15	1.77E-7	8.00		3.72	3.86
	L0005021	566128.96	4222761.89	30.05	4.15	1.77E-7	8.00		3.72	3.86
	L0005022	566134.75	4222756.37	29.80	4.15	1.77E-7	8.00		3.72	3.86
	L0005023	566140.46	4222750.77	29.58	4.15	1.77E-7	8.00		3.72	3.86
	L0005024	566146.17	4222745.16	29.36	4.15	1.77E-7	8.00		3.72	3.86
	L0005025	566151.88	4222739.56	29.13	4.15	1.77E-7	8.00		3.72	3.86
	L0005026	566157.60	4222733.96	28.92	4.15	1.77E-7	8.00		3.72	3.86
	L0005027	566163.34	4222728.39	28.78	4.15	1.77E-7	8.00		3.72	3.86
	L0005028	566169.08	4222722.82	28.65	4.15	1.77E-7	8.00		3.72	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
PO.PL_DPM1	L0005029	566174.82	4222717.24	28.51	4.15	1.77E-7	8.00		3.72	3.86
	L0005030	566180.56	4222711.67	28.37	4.15	1.77E-7	8.00		3.72	3.86
	L0005031	566186.30	4222706.10	28.23	4.15	1.77E-7	8.00		3.72	3.86
	L0005032	566192.04	4222700.53	28.10	4.15	1.77E-7	8.00		3.72	3.86
	L0005033	566197.76	4222694.94	27.95	4.15	1.77E-7	8.00		3.72	3.86
	L0005034	566203.34	4222689.20	27.75	4.15	1.77E-7	8.00		3.72	3.86
	L0005035	566208.91	4222683.46	27.55	4.15	1.77E-7	8.00		3.72	3.86
	L0005036	566214.48	4222677.71	27.35	4.15	1.77E-7	8.00		3.72	3.86
	L0005037	566220.05	4222671.97	27.15	4.15	1.77E-7	8.00		3.72	3.86
	L0005038	566225.69	4222666.30	27.10	4.15	1.77E-7	8.00		3.72	3.86
	L0005039	566231.35	4222660.65	27.07	4.15	1.77E-7	8.00		3.72	3.86
	L0005040	566237.01	4222654.99	27.05	4.15	1.77E-7	8.00		3.72	3.86
	L0005041	566242.67	4222649.34	27.02	4.15	1.77E-7	8.00		3.72	3.86
	L0005042	566248.32	4222643.68	26.99	4.15	1.77E-7	8.00		3.72	3.86
	L0005043	566253.98	4222638.03	26.97	4.15	1.77E-7	8.00		3.72	3.86
	L0005044	566259.64	4222632.37	26.94	4.15	1.77E-7	8.00		3.72	3.86
	L0005045	566265.26	4222626.68	26.86	4.15	1.77E-7	8.00		3.72	3.86
	L0005046	566270.77	4222620.88	26.59	4.15	1.77E-7	8.00		3.72	3.86
	L0005047	566276.27	4222615.07	26.32	4.15	1.77E-7	8.00		3.72	3.86
	L0005048	566281.62	4222609.13	26.36	4.15	1.77E-7	8.00		3.72	3.86
	L0005049	566286.79	4222603.02	26.76	4.15	1.77E-7	8.00		3.72	3.86
	L0005050	566291.97	4222596.92	27.17	4.15	1.77E-7	8.00		3.72	3.86
	L0005051	566296.67	4222590.46	27.25	4.15	1.77E-7	8.00		3.72	3.86
	L0005052	566301.26	4222583.90	27.25	4.15	1.77E-7	8.00		3.72	3.86
	L0005053	566305.84	4222577.35	27.26	4.15	1.77E-7	8.00		3.72	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimension [m]	Initial Vertical Dimension [m]
PO.PL_DPM1	L0005054	566310.42	4222570.79	27.26	4.15	1.77E-7	8.00		3.72	3.86

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimension [m]	Initial Vertical Dimension [m]
PO.PL_FD1	L0005055	566100.72	4222790.17	30.98	4.15	1.96E-7	8.00		3.72	3.86
	L0005056	566106.07	4222784.21	30.91	4.15	1.96E-7	8.00		3.72	3.86
	L0005057	566111.47	4222778.32	30.81	4.15	1.96E-7	8.00		3.72	3.86
	L0005058	566117.30	4222772.84	30.55	4.15	1.96E-7	8.00		3.72	3.86
	L0005059	566123.13	4222767.36	30.30	4.15	1.96E-7	8.00		3.72	3.86
	L0005060	566128.96	4222761.89	30.05	4.15	1.96E-7	8.00		3.72	3.86
	L0005061	566134.75	4222756.37	29.80	4.15	1.96E-7	8.00		3.72	3.86
	L0005062	566140.46	4222750.77	29.58	4.15	1.96E-7	8.00		3.72	3.86
	L0005063	566146.17	4222745.16	29.36	4.15	1.96E-7	8.00		3.72	3.86
	L0005064	566151.88	4222739.56	29.13	4.15	1.96E-7	8.00		3.72	3.86
	L0005065	566157.60	4222733.96	28.92	4.15	1.96E-7	8.00		3.72	3.86
	L0005066	566163.34	4222728.39	28.78	4.15	1.96E-7	8.00		3.72	3.86
	L0005067	566169.08	4222722.82	28.65	4.15	1.96E-7	8.00		3.72	3.86
	L0005068	566174.82	4222717.24	28.51	4.15	1.96E-7	8.00		3.72	3.86
	L0005069	566180.56	4222711.67	28.37	4.15	1.96E-7	8.00		3.72	3.86
	L0005070	566186.30	4222706.10	28.23	4.15	1.96E-7	8.00		3.72	3.86
	L0005071	566192.04	4222700.53	28.10	4.15	1.96E-7	8.00		3.72	3.86
	L0005072	566197.76	4222694.94	27.95	4.15	1.96E-7	8.00		3.72	3.86
	L0005073	566203.34	4222689.20	27.75	4.15	1.96E-7	8.00		3.72	3.86
	L0005074	566208.91	4222683.46	27.55	4.15	1.96E-7	8.00		3.72	3.86
	L0005075	566214.48	4222677.71	27.35	4.15	1.96E-7	8.00		3.72	3.86
	L0005076	566220.05	4222671.97	27.15	4.15	1.96E-7	8.00		3.72	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimension [m]	Initial Vertical Dimension [m]
PO.PL_FD1	L0005077	566225.69	4222666.30	27.10	4.15	1.96E-7	8.00		3.72	3.86
	L0005078	566231.35	4222660.65	27.07	4.15	1.96E-7	8.00		3.72	3.86
	L0005079	566237.01	4222654.99	27.05	4.15	1.96E-7	8.00		3.72	3.86
	L0005080	566242.67	4222649.34	27.02	4.15	1.96E-7	8.00		3.72	3.86
	L0005081	566248.32	4222643.68	26.99	4.15	1.96E-7	8.00		3.72	3.86
	L0005082	566253.98	4222638.03	26.97	4.15	1.96E-7	8.00		3.72	3.86
	L0005083	566259.64	4222632.37	26.94	4.15	1.96E-7	8.00		3.72	3.86
	L0005084	566265.26	4222626.68	26.86	4.15	1.96E-7	8.00		3.72	3.86
	L0005085	566270.77	4222620.88	26.59	4.15	1.96E-7	8.00		3.72	3.86
	L0005086	566276.27	4222615.07	26.32	4.15	1.96E-7	8.00		3.72	3.86
	L0005087	566281.62	4222609.13	26.36	4.15	1.96E-7	8.00		3.72	3.86
	L0005088	566286.79	4222603.02	26.76	4.15	1.96E-7	8.00		3.72	3.86
	L0005089	566291.97	4222596.92	27.17	4.15	1.96E-7	8.00		3.72	3.86
	L0005090	566296.67	4222590.46	27.25	4.15	1.96E-7	8.00		3.72	3.86
	L0005091	566301.26	4222583.90	27.25	4.15	1.96E-7	8.00		3.72	3.86
	L0005092	566305.84	4222577.35	27.26	4.15	1.96E-7	8.00		3.72	3.86
	L0005093	566310.42	4222570.79	27.26	4.15	1.96E-7	8.00		3.72	3.86

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimension [m]	Initial Vertical Dimension [m]
PO.PL_DPM2	L0005094	566100.72	4222790.17	30.98	4.15	1.18E-7	8.00		3.72	3.86
	L0005095	566106.07	4222784.21	30.91	4.15	1.18E-7	8.00		3.72	3.86
	L0005096	566111.47	4222778.32	30.81	4.15	1.18E-7	8.00		3.72	3.86
	L0005097	566117.30	4222772.84	30.55	4.15	1.18E-7	8.00		3.72	3.86
	L0005098	566123.13	4222767.36	30.30	4.15	1.18E-7	8.00		3.72	3.86
	L0005099	566128.96	4222761.89	30.05	4.15	1.18E-7	8.00		3.72	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
PO.PL_DPM2	L0005100	566134.75	4222756.37	29.80	4.15	1.18E-7	8.00		3.72	3.86
	L0005101	566140.46	4222750.77	29.58	4.15	1.18E-7	8.00		3.72	3.86
	L0005102	566146.17	4222745.16	29.36	4.15	1.18E-7	8.00		3.72	3.86
	L0005103	566151.88	4222739.56	29.13	4.15	1.18E-7	8.00		3.72	3.86
	L0005104	566157.60	4222733.96	28.92	4.15	1.18E-7	8.00		3.72	3.86
	L0005105	566163.34	4222728.39	28.78	4.15	1.18E-7	8.00		3.72	3.86
	L0005106	566169.08	4222722.82	28.65	4.15	1.18E-7	8.00		3.72	3.86
	L0005107	566174.82	4222717.24	28.51	4.15	1.18E-7	8.00		3.72	3.86
	L0005108	566180.56	4222711.67	28.37	4.15	1.18E-7	8.00		3.72	3.86
	L0005109	566186.30	4222706.10	28.23	4.15	1.18E-7	8.00		3.72	3.86
	L0005110	566192.04	4222700.53	28.10	4.15	1.18E-7	8.00		3.72	3.86
	L0005111	566197.76	4222694.94	27.95	4.15	1.18E-7	8.00		3.72	3.86
	L0005112	566203.34	4222689.20	27.75	4.15	1.18E-7	8.00		3.72	3.86
	L0005113	566208.91	4222683.46	27.55	4.15	1.18E-7	8.00		3.72	3.86
	L0005114	566214.48	4222677.71	27.35	4.15	1.18E-7	8.00		3.72	3.86
	L0005115	566220.05	4222671.97	27.15	4.15	1.18E-7	8.00		3.72	3.86
	L0005116	566225.69	4222666.30	27.10	4.15	1.18E-7	8.00		3.72	3.86
	L0005117	566231.35	4222660.65	27.07	4.15	1.18E-7	8.00		3.72	3.86
	L0005118	566237.01	4222654.99	27.05	4.15	1.18E-7	8.00		3.72	3.86
	L0005119	566242.67	4222649.34	27.02	4.15	1.18E-7	8.00		3.72	3.86
	L0005120	566248.32	4222643.68	26.99	4.15	1.18E-7	8.00		3.72	3.86
	L0005121	566253.98	4222638.03	26.97	4.15	1.18E-7	8.00		3.72	3.86
	L0005122	566259.64	4222632.37	26.94	4.15	1.18E-7	8.00		3.72	3.86
	L0005123	566265.26	4222626.68	26.86	4.15	1.18E-7	8.00		3.72	3.86
	L0005124	566270.77	4222620.88	26.59	4.15	1.18E-7	8.00		3.72	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
PO.PL_DPM2	L0005125	566276.27	4222615.07	26.32	4.15	1.18E-7	8.00		3.72	3.86
	L0005126	566281.62	4222609.13	26.36	4.15	1.18E-7	8.00		3.72	3.86
	L0005127	566286.79	4222603.02	26.76	4.15	1.18E-7	8.00		3.72	3.86
	L0005128	566291.97	4222596.92	27.17	4.15	1.18E-7	8.00		3.72	3.86
	L0005129	566296.67	4222590.46	27.25	4.15	1.18E-7	8.00		3.72	3.86
	L0005130	566301.26	4222583.90	27.25	4.15	1.18E-7	8.00		3.72	3.86
	L0005131	566305.84	4222577.35	27.26	4.15	1.18E-7	8.00		3.72	3.86
	L0005132	566310.42	4222570.79	27.26	4.15	1.18E-7	8.00		3.72	3.86

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
PO.PL_FD2	L0005133	566100.72	4222790.17	30.98	4.15	1.18E-7	8.00		3.72	3.86
	L0005134	566106.07	4222784.21	30.91	4.15	1.18E-7	8.00		3.72	3.86
	L0005135	566111.47	4222778.32	30.81	4.15	1.18E-7	8.00		3.72	3.86
	L0005136	566117.30	4222772.84	30.55	4.15	1.18E-7	8.00		3.72	3.86
	L0005137	566123.13	4222767.36	30.30	4.15	1.18E-7	8.00		3.72	3.86
	L0005138	566128.96	4222761.89	30.05	4.15	1.18E-7	8.00		3.72	3.86
	L0005139	566134.75	4222756.37	29.80	4.15	1.18E-7	8.00		3.72	3.86
	L0005140	566140.46	4222750.77	29.58	4.15	1.18E-7	8.00		3.72	3.86
	L0005141	566146.17	4222745.16	29.36	4.15	1.18E-7	8.00		3.72	3.86
	L0005142	566151.88	4222739.56	29.13	4.15	1.18E-7	8.00		3.72	3.86
	L0005143	566157.60	4222733.96	28.92	4.15	1.18E-7	8.00		3.72	3.86
	L0005144	566163.34	4222728.39	28.78	4.15	1.18E-7	8.00		3.72	3.86
	L0005145	566169.08	4222722.82	28.65	4.15	1.18E-7	8.00		3.72	3.86
	L0005146	566174.82	4222717.24	28.51	4.15	1.18E-7	8.00		3.72	3.86
	L0005147	566180.56	4222711.67	28.37	4.15	1.18E-7	8.00		3.72	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimension [m]	Initial Vertical Dimension [m]
PO.PL_FD2	L0005148	566186.30	4222706.10	28.23	4.15	1.18E-7	8.00		3.72	3.86
	L0005149	566192.04	4222700.53	28.10	4.15	1.18E-7	8.00		3.72	3.86
	L0005150	566197.76	4222694.94	27.95	4.15	1.18E-7	8.00		3.72	3.86
	L0005151	566203.34	4222689.20	27.75	4.15	1.18E-7	8.00		3.72	3.86
	L0005152	566208.91	4222683.46	27.55	4.15	1.18E-7	8.00		3.72	3.86
	L0005153	566214.48	4222677.71	27.35	4.15	1.18E-7	8.00		3.72	3.86
	L0005154	566220.05	4222671.97	27.15	4.15	1.18E-7	8.00		3.72	3.86
	L0005155	566225.69	4222666.30	27.10	4.15	1.18E-7	8.00		3.72	3.86
	L0005156	566231.35	4222660.65	27.07	4.15	1.18E-7	8.00		3.72	3.86
	L0005157	566237.01	4222654.99	27.05	4.15	1.18E-7	8.00		3.72	3.86
	L0005158	566242.67	4222649.34	27.02	4.15	1.18E-7	8.00		3.72	3.86
	L0005159	566248.32	4222643.68	26.99	4.15	1.18E-7	8.00		3.72	3.86
	L0005160	566253.98	4222638.03	26.97	4.15	1.18E-7	8.00		3.72	3.86
	L0005161	566259.64	4222632.37	26.94	4.15	1.18E-7	8.00		3.72	3.86
	L0005162	566265.26	4222626.68	26.86	4.15	1.18E-7	8.00		3.72	3.86
	L0005163	566270.77	4222620.88	26.59	4.15	1.18E-7	8.00		3.72	3.86
	L0005164	566276.27	4222615.07	26.32	4.15	1.18E-7	8.00		3.72	3.86
	L0005165	566281.62	4222609.13	26.36	4.15	1.18E-7	8.00		3.72	3.86
	L0005166	566286.79	4222603.02	26.76	4.15	1.18E-7	8.00		3.72	3.86
	L0005167	566291.97	4222596.92	27.17	4.15	1.18E-7	8.00		3.72	3.86
	L0005168	566296.67	4222590.46	27.25	4.15	1.18E-7	8.00		3.72	3.86
	L0005169	566301.26	4222583.90	27.25	4.15	1.18E-7	8.00		3.72	3.86
	L0005170	566305.84	4222577.35	27.26	4.15	1.18E-7	8.00		3.72	3.86
	L0005171	566310.42	4222570.79	27.26	4.15	1.18E-7	8.00		3.72	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
RA.AVE_DPM1	L0005172	566193.81	4222859.03	35.26	4.15	1.78E-7	8.00		3.72	3.86
	L0005173	566199.30	4222853.21	34.24	4.15	1.78E-7	8.00		3.72	3.86
	L0005174	566204.84	4222847.44	33.48	4.15	1.78E-7	8.00		3.72	3.86
	L0005175	566210.48	4222841.77	33.40	4.15	1.78E-7	8.00		3.72	3.86
	L0005176	566216.13	4222836.10	33.33	4.15	1.78E-7	8.00		3.72	3.86
	L0005177	566221.77	4222830.43	33.25	4.15	1.78E-7	8.00		3.72	3.86
	L0005178	566227.41	4222824.76	33.17	4.15	1.78E-7	8.00		3.72	3.86
	L0005179	566233.06	4222819.09	33.10	4.15	1.78E-7	8.00		3.72	3.86
	L0005180	566238.70	4222813.42	33.02	4.15	1.78E-7	8.00		3.72	3.86
	L0005181	566244.45	4222807.86	33.08	4.15	1.78E-7	8.00		3.72	3.86
	L0005182	566250.31	4222802.41	33.29	4.15	1.78E-7	8.00		3.72	3.86
	L0005183	566256.17	4222796.97	33.51	4.15	1.78E-7	8.00		3.72	3.86
	L0005184	566262.00	4222791.49	33.60	4.15	1.78E-7	8.00		3.72	3.86
	L0005185	566267.72	4222785.90	33.31	4.15	1.78E-7	8.00		3.72	3.86
	L0005186	566273.44	4222780.31	33.02	4.15	1.78E-7	8.00		3.72	3.86
	L0005187	566279.16	4222774.72	32.73	4.15	1.78E-7	8.00		3.72	3.86
	L0005188	566284.89	4222769.13	32.44	4.15	1.78E-7	8.00		3.72	3.86
	L0005189	566290.61	4222763.54	32.15	4.15	1.78E-7	8.00		3.72	3.86
	L0005190	566296.33	4222757.95	31.86	4.15	1.78E-7	8.00		3.72	3.86
	L0005191	566302.06	4222752.36	31.57	4.15	1.78E-7	8.00		3.72	3.86
	L0005192	566307.78	4222746.76	31.27	4.15	1.78E-7	8.00		3.72	3.86
	L0005193	566313.50	4222741.17	30.98	4.15	1.78E-7	8.00		3.72	3.86
	L0005194	566319.22	4222735.58	30.69	4.15	1.78E-7	8.00		3.72	3.86
	L0005195	566324.95	4222729.99	30.40	4.15	1.78E-7	8.00		3.72	3.86
	L0005196	566330.67	4222724.40	30.11	4.15	1.78E-7	8.00		3.72	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimension [m]	Initial Vertical Dimension [m]
RA.AVE_DPM1	L0005197	566336.36	4222718.79	29.99	4.15	1.78E-7	8.00		3.72	3.86
	L0005198	566342.04	4222713.15	29.99	4.15	1.78E-7	8.00		3.72	3.86
	L0005199	566347.72	4222707.51	29.99	4.15	1.78E-7	8.00		3.72	3.86
	L0005200	566353.39	4222701.88	30.00	4.15	1.78E-7	8.00		3.72	3.86
	L0005201	566359.07	4222696.24	30.00	4.15	1.78E-7	8.00		3.72	3.86

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimension [m]	Initial Vertical Dimension [m]
RA.AVE_FD1	L0005202	566193.81	4222859.03	35.26	4.15	1.98E-7	8.00		3.72	3.86
	L0005203	566199.30	4222853.21	34.24	4.15	1.98E-7	8.00		3.72	3.86
	L0005204	566204.84	4222847.44	33.48	4.15	1.98E-7	8.00		3.72	3.86
	L0005205	566210.48	4222841.77	33.40	4.15	1.98E-7	8.00		3.72	3.86
	L0005206	566216.13	4222836.10	33.33	4.15	1.98E-7	8.00		3.72	3.86
	L0005207	566221.77	4222830.43	33.25	4.15	1.98E-7	8.00		3.72	3.86
	L0005208	566227.41	4222824.76	33.17	4.15	1.98E-7	8.00		3.72	3.86
	L0005209	566233.06	4222819.09	33.10	4.15	1.98E-7	8.00		3.72	3.86
	L0005210	566238.70	4222813.42	33.02	4.15	1.98E-7	8.00		3.72	3.86
	L0005211	566244.45	4222807.86	33.08	4.15	1.98E-7	8.00		3.72	3.86
	L0005212	566250.31	4222802.41	33.29	4.15	1.98E-7	8.00		3.72	3.86
	L0005213	566256.17	4222796.97	33.51	4.15	1.98E-7	8.00		3.72	3.86
	L0005214	566262.00	4222791.49	33.60	4.15	1.98E-7	8.00		3.72	3.86
	L0005215	566267.72	4222785.90	33.31	4.15	1.98E-7	8.00		3.72	3.86
	L0005216	566273.44	4222780.31	33.02	4.15	1.98E-7	8.00		3.72	3.86
	L0005217	566279.16	4222774.72	32.73	4.15	1.98E-7	8.00		3.72	3.86
	L0005218	566284.89	4222769.13	32.44	4.15	1.98E-7	8.00		3.72	3.86
	L0005219	566290.61	4222763.54	32.15	4.15	1.98E-7	8.00		3.72	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimension [m]	Initial Vertical Dimension [m]
RA.AVE_FD1	L0005220	566296.33	4222757.95	31.86	4.15	1.98E-7	8.00		3.72	3.86
	L0005221	566302.06	4222752.36	31.57	4.15	1.98E-7	8.00		3.72	3.86
	L0005222	566307.78	4222746.76	31.27	4.15	1.98E-7	8.00		3.72	3.86
	L0005223	566313.50	4222741.17	30.98	4.15	1.98E-7	8.00		3.72	3.86
	L0005224	566319.22	4222735.58	30.69	4.15	1.98E-7	8.00		3.72	3.86
	L0005225	566324.95	4222729.99	30.40	4.15	1.98E-7	8.00		3.72	3.86
	L0005226	566330.67	4222724.40	30.11	4.15	1.98E-7	8.00		3.72	3.86
	L0005227	566336.36	4222718.79	29.99	4.15	1.98E-7	8.00		3.72	3.86
	L0005228	566342.04	4222713.15	29.99	4.15	1.98E-7	8.00		3.72	3.86
	L0005229	566347.72	4222707.51	29.99	4.15	1.98E-7	8.00		3.72	3.86
	L0005230	566353.39	4222701.88	30.00	4.15	1.98E-7	8.00		3.72	3.86
	L0005231	566359.07	4222696.24	30.00	4.15	1.98E-7	8.00		3.72	3.86

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimension [m]	Initial Vertical Dimension [m]
RA.AVE_DPM2	L0005232	566193.81	4222859.03	35.26	4.15	1.19E-7	8.00		3.72	3.86
	L0005233	566199.30	4222853.21	34.24	4.15	1.19E-7	8.00		3.72	3.86
	L0005234	566204.84	4222847.44	33.48	4.15	1.19E-7	8.00		3.72	3.86
	L0005235	566210.48	4222841.77	33.40	4.15	1.19E-7	8.00		3.72	3.86
	L0005236	566216.13	4222836.10	33.33	4.15	1.19E-7	8.00		3.72	3.86
	L0005237	566221.77	4222830.43	33.25	4.15	1.19E-7	8.00		3.72	3.86
	L0005238	566227.41	4222824.76	33.17	4.15	1.19E-7	8.00		3.72	3.86
	L0005239	566233.06	4222819.09	33.10	4.15	1.19E-7	8.00		3.72	3.86
	L0005240	566238.70	4222813.42	33.02	4.15	1.19E-7	8.00		3.72	3.86
	L0005241	566244.45	4222807.86	33.08	4.15	1.19E-7	8.00		3.72	3.86
	L0005242	566250.31	4222802.41	33.29	4.15	1.19E-7	8.00		3.72	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
RA.AVE_DPM2	L0005243	566256.17	4222796.97	33.51	4.15	1.19E-7	8.00		3.72	3.86
	L0005244	566262.00	4222791.49	33.60	4.15	1.19E-7	8.00		3.72	3.86
	L0005245	566267.72	4222785.90	33.31	4.15	1.19E-7	8.00		3.72	3.86
	L0005246	566273.44	4222780.31	33.02	4.15	1.19E-7	8.00		3.72	3.86
	L0005247	566279.16	4222774.72	32.73	4.15	1.19E-7	8.00		3.72	3.86
	L0005248	566284.89	4222769.13	32.44	4.15	1.19E-7	8.00		3.72	3.86
	L0005249	566290.61	4222763.54	32.15	4.15	1.19E-7	8.00		3.72	3.86
	L0005250	566296.33	4222757.95	31.86	4.15	1.19E-7	8.00		3.72	3.86
	L0005251	566302.06	4222752.36	31.57	4.15	1.19E-7	8.00		3.72	3.86
	L0005252	566307.78	4222746.76	31.27	4.15	1.19E-7	8.00		3.72	3.86
	L0005253	566313.50	4222741.17	30.98	4.15	1.19E-7	8.00		3.72	3.86
	L0005254	566319.22	4222735.58	30.69	4.15	1.19E-7	8.00		3.72	3.86
	L0005255	566324.95	4222729.99	30.40	4.15	1.19E-7	8.00		3.72	3.86
	L0005256	566330.67	4222724.40	30.11	4.15	1.19E-7	8.00		3.72	3.86
	L0005257	566336.36	4222718.79	29.99	4.15	1.19E-7	8.00		3.72	3.86
	L0005258	566342.04	4222713.15	29.99	4.15	1.19E-7	8.00		3.72	3.86
	L0005259	566347.72	4222707.51	29.99	4.15	1.19E-7	8.00		3.72	3.86
	L0005260	566353.39	4222701.88	30.00	4.15	1.19E-7	8.00		3.72	3.86
	L0005261	566359.07	4222696.24	30.00	4.15	1.19E-7	8.00		3.72	3.86

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
RA.AVE_FD2	L0005262	566193.81	4222859.03	35.26	4.15	1.19E-7	8.00		3.72	3.86
	L0005263	566199.30	4222853.21	34.24	4.15	1.19E-7	8.00		3.72	3.86
	L0005264	566204.84	4222847.44	33.48	4.15	1.19E-7	8.00		3.72	3.86
	L0005265	566210.48	4222841.77	33.40	4.15	1.19E-7	8.00		3.72	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimension [m]	Initial Vertical Dimension [m]
RA.AVE_FD2	L0005266	566216.13	4222836.10	33.33	4.15	1.19E-7	8.00		3.72	3.86
	L0005267	566221.77	4222830.43	33.25	4.15	1.19E-7	8.00		3.72	3.86
	L0005268	566227.41	4222824.76	33.17	4.15	1.19E-7	8.00		3.72	3.86
	L0005269	566233.06	4222819.09	33.10	4.15	1.19E-7	8.00		3.72	3.86
	L0005270	566238.70	4222813.42	33.02	4.15	1.19E-7	8.00		3.72	3.86
	L0005271	566244.45	4222807.86	33.08	4.15	1.19E-7	8.00		3.72	3.86
	L0005272	566250.31	4222802.41	33.29	4.15	1.19E-7	8.00		3.72	3.86
	L0005273	566256.17	4222796.97	33.51	4.15	1.19E-7	8.00		3.72	3.86
	L0005274	566262.00	4222791.49	33.60	4.15	1.19E-7	8.00		3.72	3.86
	L0005275	566267.72	4222785.90	33.31	4.15	1.19E-7	8.00		3.72	3.86
	L0005276	566273.44	4222780.31	33.02	4.15	1.19E-7	8.00		3.72	3.86
	L0005277	566279.16	4222774.72	32.73	4.15	1.19E-7	8.00		3.72	3.86
	L0005278	566284.89	4222769.13	32.44	4.15	1.19E-7	8.00		3.72	3.86
	L0005279	566290.61	4222763.54	32.15	4.15	1.19E-7	8.00		3.72	3.86
	L0005280	566296.33	4222757.95	31.86	4.15	1.19E-7	8.00		3.72	3.86
	L0005281	566302.06	4222752.36	31.57	4.15	1.19E-7	8.00		3.72	3.86
	L0005282	566307.78	4222746.76	31.27	4.15	1.19E-7	8.00		3.72	3.86
	L0005283	566313.50	4222741.17	30.98	4.15	1.19E-7	8.00		3.72	3.86
	L0005284	566319.22	4222735.58	30.69	4.15	1.19E-7	8.00		3.72	3.86
	L0005285	566324.95	4222729.99	30.40	4.15	1.19E-7	8.00		3.72	3.86
	L0005286	566330.67	4222724.40	30.11	4.15	1.19E-7	8.00		3.72	3.86
	L0005287	566336.36	4222718.79	29.99	4.15	1.19E-7	8.00		3.72	3.86
	L0005288	566342.04	4222713.15	29.99	4.15	1.19E-7	8.00		3.72	3.86
	L0005289	566347.72	4222707.51	29.99	4.15	1.19E-7	8.00		3.72	3.86
	L0005290	566353.39	4222701.88	30.00	4.15	1.19E-7	8.00		3.72	3.86

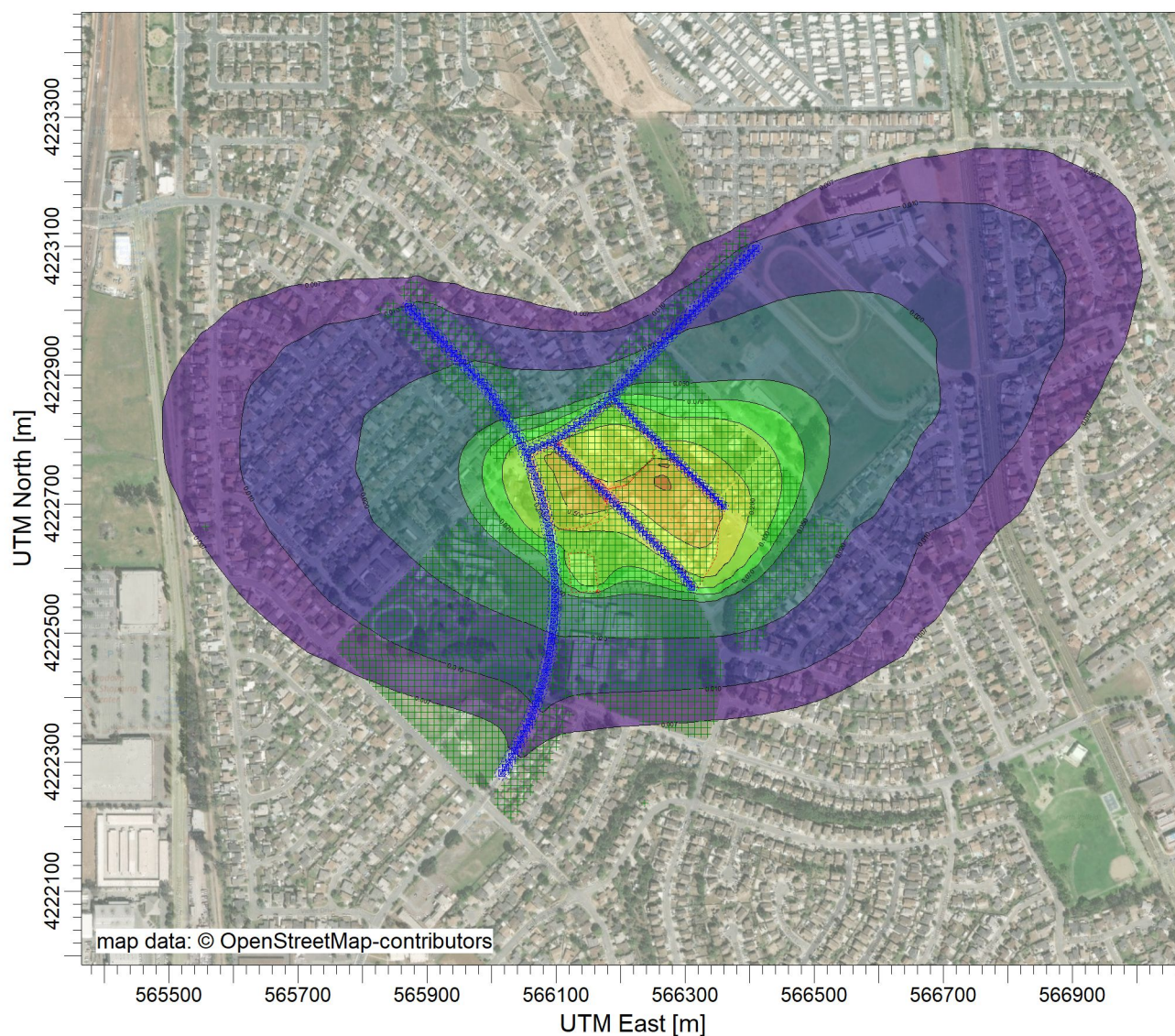
Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimension [m]	Initial Vertical Dimension [m]
RA.AVE_FD2	L0005291	566359.07	4222696.24	30.00	4.15	1.19E-7	8.00		3.72	3.86

PROJECT TITLE:

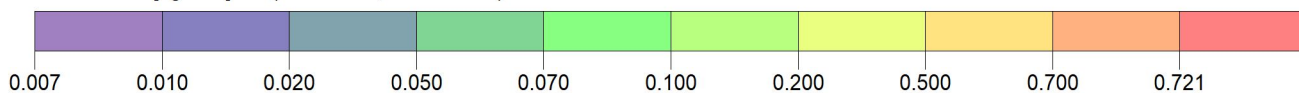
**MIT Academy Renovation Project
Unmitigated Construction**



PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS 5 YEARS FOR SOURCE GROUP: ALL

ug/m³

Max: 0.721 [ug/m³] at (566262.47, 4222761.30)



COMMENTS:

SOURCES:

COMPANY NAME:

24

RECEPTORS:

MODELER:

4392

OUTPUT TYPE:

SCALE:

1:10,740

Concentration

0

0.4 km

MAX:

DATE:

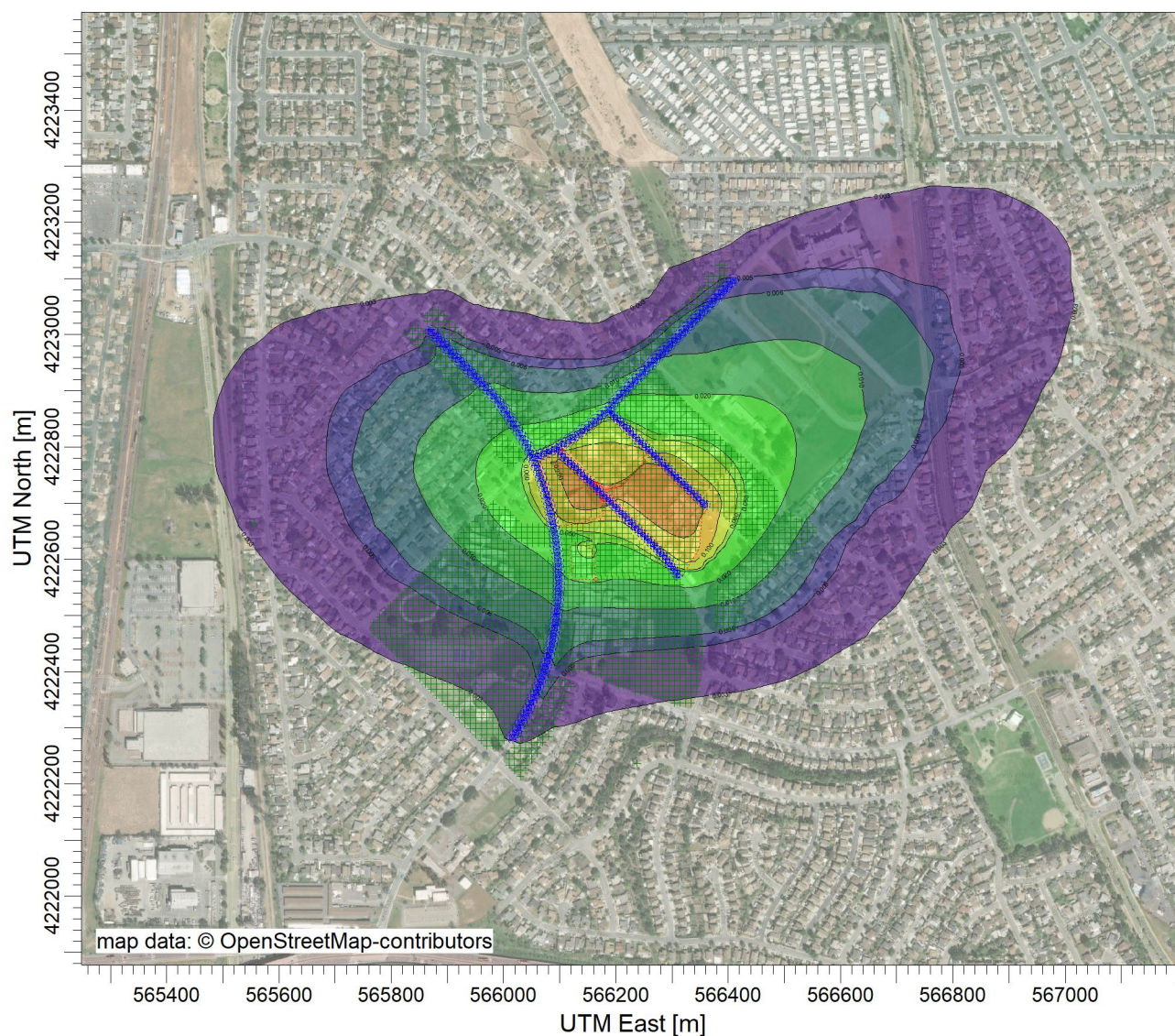
PROJECT NO.:

0.721 ug/m³

10/14/2022

PROJECT TITLE:

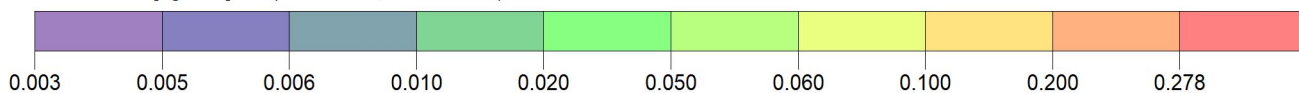
**MIT Academy Renovation Project
Mitigated Construction**



PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS 5 YEARS FOR SOURCE GROUP: ALL

ug/m³

Max: 0.278 [ug/m³] at (566262.47, 4222761.30)



COMMENTS:

SOURCES:

COMPANY NAME:

24

RECEPTORS:

MODELER:

4392

OUTPUT TYPE:

SCALE:

1:12,341

Concentration

0  0.4 km

MAX:

DATE:

PROJECT NO.:

0.278 ug/m³

10/14/2022

Attachment C. Construction Risk Calculations

MEIR Identification and Risk Results - Unmitigated Construction

Receptor ID	Description
CG1_	Loma Vista Farms
DC1_	Setterquist Early Head Start & Park
DC2_	Chalvary Church
DC3_	The Little Playhouse Childcare
DC4_	Tiny Tots
ES1_	Loma Vista Elementary School
MS1_	Griffin Academy Charter School
MS2_	On-site MITA students irrespective of phasing
HS1_	Elite Public Schools
Res_	Residence
P1_OS_	On-site MITA students during Phase 1
P2_OS_	On-site MITA students during Phase 2

Group Name	Description
Res	Residence (Start Age: 3rd Trimester)
DC	Daycare (Start Age: 3rd Trimester)
CG	Community Garden/Outdoor Classroom (Start Age: 3rd Trimester)
ES	Elementary School (Start Age: 5 Years)
MS	Middle School (Start Age: 11 Years)
HS	High School (Start Age: 14 Years)
OS	On-site MITA Students (Start Age: 11 Years)

Cancer Risk Calculation Equations (OEHA 2015):

A. Equation 8.2.4 A: $RISK_{inh-res} = DOSE_{air} \times CPF \times ASF \times ED/AT \times FAH$

7. $RISK_{inh-res}$ = Residential inhalation cancer risk
8. $DOSE_{air}$ = Daily inhalation dose (mg/kg-day)
9. CPF = Inhalation cancer potency factor (mg/kg-day⁻¹)
10. ASF = Age sensitivity factor for a specified age group (unitless)
11. ED = Exposure duration (in years) for a specified age group
12. AT = Averaging time for lifetime cancer risk (years)
13. FAH = Fraction of time spent at home (unitless)

Factors	Description/Source			
	Age: 3rd Trimester	Age: 0<2	Age: 2<9	Age: 2<16
Dose-air =	Results of Equation 5.4.1.1			
CPF =	1.1	1.1	1.1	1.1
ASF =	10	10	3	3
ED (total) =	0.25	1.9	2.15	2.15
AT =	70	70	70	70
FAH (res only) =	0.85	0.85	0.72	0.72

Year	Annual Exposure Duration (ED)*			
	Age: 3rd Trimester	Age: 0<2	Age: 2<9	Age: 2<16
Phase 1	0.25	1.9	2.15	2.15
Phase 2	-	0.18	0.18	0.18

*Note: Daycares, Residences, and Outdoor Classes (Community Gardens) are assigned a starting age of 3rd Trimester. Elementary schools are assigned a starting age of 5 years. Middle schools are assigned a starting age of 11 years. High schools are assigned a starting age of 14 years.

A. Equation 5.4.1.1: $Dose_{air} = C_{air} \times \{BR/BW\} \times A \times EF \times 10^{-6}$

1. $Dose_{air}$ = Dose through inhalation (mg/kg/d)
2. C_{air} = Concentration in air (µg/m³)
3. $\{BR/BW\}$ = Daily Breathing rate normalized to body weight (L/kg body weight - day)
4. A = Inhalation absorption factor (unitless)
5. EF = Exposure frequency (unitless), days/365 days
6. 10^{-6} = Micrograms to milligrams conversion, liters to cubic meters conversion

Factors	Description/Source			
	Age: 3rd Trimester	Age: 0<2	Age: 2<9	Age: 2<16
C-air =	Results of AERMOD modeling			
DBR =	361	1090	861	745
A =	1	1	1	1
EF (res, DC) =	0.96	0.96	0.96	0.96
EF (CG, schools) =	0.68	0.68	0.68	0.68
10^{-6} =	0.000001	0.000001	0.000001	0.000001

PM_{2.5} Concentrations and Estimated Cancer Risk - Sorted by Highest Cumulative Cancer Risk

*Note: Maximum annual PM_{2.5} exhaust concentrations shown below include PM₁₀ exhaust emissions for a conservative assessment.

Receptor IDs & UTM Coordinates			Unmitigated Construction Results								
			Annual DPM Concentration (µg/m ³)		Cumulative Cancer Risk	Maximum Annual Exhaust Concentration	Cancer Risk per One Million People		PM2.5 Fugitive Dust Annual Concentration (µg/m ³)*	Cumulative PM2.5 Concentration (µg/m ³)*	
						(µg/m ³)* Exhaust					
ID (Group Name)	X	Y	Phase 1	Phase 2							
Off-site Community Garden (Outdoor Classroom) Receptors											
CG1_0001 (CG)	566362.17	4222702.33	3.05E-01	4.89E-03	7.06E-05	0.31017	70.61		0.12104	0.43121	
CG1_0002 (CG)	566362.17	4222712.33	2.66E-01	5.48E-03	6.15E-05	0.27131	61.51		0.10625	0.37756	
CG1_0003 (CG)	566372.17	4222692.33	2.62E-01	4.37E-03	6.06E-05	0.26633	60.59		0.10404	0.37037	
CG1_0004 (CG)	566372.17	4222702.33	2.51E-01	4.69E-03	5.81E-05	0.25564	58.05		0.09997	0.35561	
CG1_0005 (CG)	566372.17	4222712.33	2.27E-01	4.90E-03	5.26E-05	0.23219	52.59		0.09086	0.32305	
CG1_0007 (CG)	566382.17	4222692.33	2.04E-01	3.94E-03	4.72E-05	0.20811	47.23		0.08131	0.28942	
CG1_0008 (CG)	566382.17	4222702.33	2.04E-01	4.19E-03	4.71E-05	0.20783	47.12		0.08125	0.28908	
CG1_0006 (CG)	566372.17	4222722.33	2.02E-01	5.07E-03	4.66E-05	0.20660	46.65		0.08088	0.28748	
CG1_0009 (CG)	566382.17	4222712.33	1.92E-01	4.41E-03	4.45E-05	0.19668	44.50		0.07694	0.27362	
CG1_0010 (CG)	566382.17	4222722.33	1.76E-01	4.59E-03	4.07E-05	0.18021	40.65		0.07053	0.25074	
CG1_0014 (CG)	566392.17	4222702.33	1.66E-01	3.80E-03	3.85E-05	0.17016	38.50		0.06652	0.23668	
CG1_0013 (CG)	566392.17	4222692.33	1.64E-01	3.59E-03	3.81E-05	0.16803	38.05		0.06567	0.23370	
CG1_0015 (CG)	566392.17	4222712.33	1.62E-01	3.99E-03	3.74E-05	0.16570	37.43		0.06481	0.23051	
CG1_0011 (CG)	566382.17	4222732.33	1.58E-01	4.75E-03	3.66E-05	0.16295	36.64		0.06379	0.22674	
CG1_0012 (CG)	566392.17	4222682.33	1.58E-01	3.37E-03	3.64E-05	0.16089	36.45		0.06286	0.22375	
CG1_0016 (CG)	566392.17	4222722.33	1.52E-01	4.17E-03	3.53E-05	0.15654	35.28		0.06124	0.21778	
CG1_0017 (CG)	566392.17	4222732.33	1.41E-01	4.32E-03	3.26E-05	0.14518	32.62		0.05682	0.20200	
CG1_0022 (CG)	566402.17	4222702.33	1.37E-01	3.46E-03	3.18E-05	0.14087	31.81		0.05508	0.19595	
CG1_0023 (CG)	566402.17	4222712.33	1.36E-01	3.63E-03	3.15E-05	0.13985	31.54		0.05470	0.19455	
CG1_0021 (CG)	566402.17	4222692.33	1.35E-01	3.28E-03	3.12E-05	0.13809	31.20		0.05399	0.19208	
CG1_0024 (CG)	566402.17	4222722.33	1.32E-01	3.79E-03	3.05E-05	0.13541	30.48		0.05298	0.18839	
CG1_0018 (CG)	566392.17	4222742.33	1.29E-01	4.46E-03	3.00E-05	0.13391	29.99		0.05243	0.18634	
CG1_0020 (CG)	566402.17	4222682.33	1.29E-01	3.10E-03	2.99E-05	0.13242	29.93		0.05176	0.18418	
CG1_0025 (CG)	566402.17	4222732.33	1.25E-01	3.94E-03	2.88E-05	0.12848	28.84		0.05028	0.17876	
CG1_0019 (CG)	566402.17	4222672.33	1.22E-01	2.92E-03	2.83E-05	0.12506	28.27		0.04889	0.17395	
CG1_0026 (CG)	566402.17	4222742.33	1.16E-01	4.07E-03	2.70E-05	0.12053	26.98		0.04718	0.16771	
CG1_0033 (CG)	566412.17	4222712.33	1.16E-01	3.33E-03	2.68E-05	0.11901	26.79		0.04656	0.16557	
CG1_0032 (CG)	566412.17	4222702.33	1.15E-01	3.18E-03	2.67E-05	0.11829	26.65		0.04626	0.16455	
CG1_0034 (CG)	566412.17	4222722.33	1.14E-01	3.47E-03	2.64E-05	0.11735	26.37		0.04592	0.16327	
CG1_0031 (CG)	566412.17	4222692.33	1.12E-01	3.02E-03	2.60E-05	0.11530	25.99		0.04509	0.16039	
CG1_0035 (CG)	566412.17	4222732.33	1.10E-01	3.61E-03	2.54E-05	0.11344	25.44		0.04439	0.15783	
CG1_0027 (CG)	566402.17	4222752.33	1.08E-01	4.20E-03	2.51E-05	0.11266	25.14		0.04412	0.15678	
CG1_0030 (CG)	566412.17	4222682.33	1.07E-01	2.86E-03	2.49E-05	0.11035	24.88		0.04316	0.15351	
CG1_0036 (CG)	566412.17	4222742.33	1.04E-01	3.73E-03	2.41E-05	0.10774	24.10		0.04218	0.14992	
CG1_0029 (CG)	566412.17	4222672.33	1.01E-01	2.71E-03	2.35E-05	0.10404	23.46		0.04069	0.14473	
CG1_0045 (CG)	566422.17	4222712.33	9.87E-02	3.06E-03	2.29E-05	0.10175	22.86		0.03981	0.14156	
CG1_0046 (CG)	566422.17	4222722.33	9.85E-02	3.19E-03	2.28E-05	0.10167	22.81		0.03979	0.14146	
CG1_0037 (CG)	566412.17	4222752.33	9.81E-02	3.85E-03	2.27E-05	0.10199	22.75		0.03994	0.14193	
CG1_0044 (CG)	566422.17	4222702.33	9.72E-02	2.92E-03	2.25E-05	0.10012	22.51		0.03918	0.13930	
CG1_0047 (CG)	566422.17	4222732.33	9.65E-02	3.31E-03	2.23E-05	0.09976	22.34		0.03905	0.13881	
CG1_0043 (CG)	566422.17	4222692.33	9.42E-02	2.79E-03	2.18E-05	0.09695	21.80		0.03793	0.13488	
CG1_0028 (CG)	566412.17	4222662.33	9.41E-02	2.56E-03	2.18E-05	0.09661	21.77		0.03780	0.13441	
CG1_0048 (CG)	566422.17	4222742.33	9.31E-02	3.43E-03	2.16E-05	0.09649	21.56		0.03777	0.13426	
CG1_0038 (CG)	566412.17	4222762.33	9.23E-02	3.97E-03	2.14E-05	0.09627	21.40		0.03771	0.13398	
CG1_0042 (CG)	566422.17	4222682.33	8.99E-02	2.65E-03	2.08E-05	0.09252	20.81		0.03620	0.12872	
CG1_0049 (CG)	566422.17	4222752.33	8.89E-02	3.55E-03	2.06E-05	0.09249	20.61		0.03623	0.12872	
CG1_0061 (CG)	566432.17	4222722.33	8.59E-02	2.95E-03	1.99E-05	0.08880	19.89		0.03477	0.12357	
CG1_0062 (CG)	566432.17	4222732.33	8.52E-02	3.07E-03	1.97E-05	0.08824	19.73		0.03456	0.12280	
CG1_0060 (CG)	566432.17	4222712.33	8.51E-02	2.83E-03	1.97E-05	0.08795	19.72		0.03444	0.12239	
CG1_0050 (CG)	566422.17	4222762.33	8.46E-02	3.67E-03	1.96E-05	0.08830	19.62		0.03460	0.12290	
CG1_0041 (CG)	566422.17	4222672.33	8.45E-02	2.51E-03	1.96E-05	0.08697	19.56		0.03404	0.12101	
CG1_0063 (CG)	566432.17	4222742.33	8.33E-02	3.18E-03	1.93E-05	0.08651	19.31		0.03388	0.12039	
CG1_0059 (CG)	566432.17	4222702.33	8.32E-02	2.71E-03	1.93E-05	0.08587	19.26		0.03362	0.11949	
CG1_0064 (CG)	566432.17	4222752.33	8.07E-02	3.29E-03	1.87E-05	0.08396	18.70		0.03289	0.11685	
CG1_0051 (CG)	566422.17	4222772.33	8.03E-02	3.79E-03	1.86E-05	0.08409	18.62		0.03295	0.11704	
CG1_0058 (CG)	566432.17	4222692.33	8.01E-02	2.58E-03	1.85E-05	0.08263	18.54		0.03235	0.11498	
CG1_0040 (CG)	566422.17	4222662.33	7.82E-02	2.38E-03	1.81E-05	0.08057	18.11		0.03155	0.11212	
CG1_0065 (CG)	566432.17	4222762.33	7.76E-02	3.40E-03	1.80E-05	0.08100	17.99		0.03174	0.11274	
CG1_0052 (CG)	566422.17	4222782.33	7.59E-02	3.92E-03	1.76E-05	0.07986	17.62		0.03130	0.11116	
CG1_0057 (CG)	566432.17	4222682.33	7.59E-02	2.46E-03	1.76E-05	0.07840	17.59		0.03070	0.10910	
CG1_0076 (CG)	566442.17	4222732.33	7.54E-02	2.84E-03	1.75E-05	0.07822	17.47		0.03064	0.10886	
CG1_0075 (CG)	566442.17	4222722.33	7.52E-02	2.74E-03	1.74E-05	0.07790	17.42		0.03051	0.10841	
CG1_0077 (CG)	566442.17	4222742.33	7.46E-02	2.95E-03	1.73E-05	0.07758	17.30		0.03040	0.10798	
CG1_0066 (CG)	566432.17	4222772.33	7.43E-02	3.51E-03	1.72E-05	0.07778	17.23		0.03048	0.10826	
CG1_0074 (CG)	566442.17	4222712.33	7.39E-02	2.62E-03	1.71E-05	0.07652	17.12		0.02998	0.10650	
CG1_0078 (CG)	566442.17	4222752.33	7.31E-02	3.05E-03	1.69E-05	0.07616	16.95		0.02984	0.10600	
CG1_0073 (CG)	566442.17	4222702.33	7.17E-02	2.51E-03	1.66E-05	0.07422	16.61		0.02907	0.10329	
CG1_0039 (CG)	566422.17	4222652.33	7.13E-02	2.25E-03	1.65E-05	0.07350	16.50		0.02879	0.10229	
CG1_0079 (CG)	566442.17	4222762.33	7.10E-02	3.15E-03	1.65E-05	0.07418	16.47		0.02907	0.10325	
CG1_0056 (CG)	566432.17	4222672.33	7.11E-02	2.33E-03	1.65E-05	0.07338	16.46		0.02874	0.10212	
CG1_0072 (CG)	566442.17	4222692.33	6.86E-02	2.40E-03	1.59E-05	0.07102	15.90		0.02782	0.09884	
CG1_0089 (CG)	566452.17	4222742.33	6.69E-02	2.73E-03	1.55E-05	0.06962	15.51		0.02729	0.09691	
CG1_0088 (CG)	566452.17	4222732.33	6.69E-02	2.63E-03	1.55E-05	0.06950	15.50		0.02724	0.09674	
CG1_0090 (CG)	566452.17	4222752.33	6.62E-02	2.83E-03	1.54E-05	0.06904	15.35		0.02706	0.09610	

CG1_0095 (CG)	566462.17	4222702.33	5.42E-02	2.17E-03	1.26E-05	0.05635	12.56	0.02211	0.07846
CG1_0053 (CG)	566432.17	4222642.33	5.39E-02	1.98E-03	1.25E-05	0.05585	12.48	0.02191	0.07776
CG1_0106 (CG)	566472.17	4222732.33	5.28E-02	2.28E-03	1.22E-05	0.05507	12.24	0.02161	0.07668
CG1_0082 (CG)	566452.17	4222672.33	5.17E-02	2.02E-03	1.20E-05	0.05369	11.98	0.02107	0.07476
CG1_0094 (CG)	566462.17	4222692.33	5.14E-02	2.08E-03	1.19E-05	0.05348	11.91	0.02099	0.07447
CG1_0105 (CG)	566472.17	4222722.33	5.14E-02	2.19E-03	1.19E-05	0.05354	11.90	0.02101	0.07455
CG1_0068 (CG)	566442.17	4222652.33	5.07E-02	1.95E-03	1.18E-05	0.05268	11.76	0.02068	0.07336
CG1_0104 (CG)	566472.17	4222712.33	4.96E-02	2.11E-03	1.15E-05	0.05169	11.49	0.02029	0.07198
CG1_0093 (CG)	566462.17	4222682.33	4.82E-02	1.98E-03	1.12E-05	0.05013	11.16	0.01968	0.06981
CG1_0081 (CG)	566452.17	4222662.33	4.76E-02	1.92E-03	1.10E-05	0.04949	11.03	0.01943	0.06892
CG1_0103 (CG)	566472.17	4222702.33	4.74E-02	2.02E-03	1.10E-05	0.04944	10.99	0.01941	0.06885
CG1_0067 (CG)	566442.17	4222642.33	4.59E-02	1.85E-03	1.06E-05	0.04775	10.64	0.01875	0.06650
CG1_0111 (CG)	566482.17	4222722.33	4.55E-02	2.04E-03	1.06E-05	0.04755	10.55	0.01867	0.06622
CG1_0102 (CG)	566472.17	4222692.33	4.49E-02	1.94E-03	1.04E-05	0.04680	10.40	0.01838	0.06518
CG1_0092 (CG)	566462.17	4222672.33	4.47E-02	1.89E-03	1.04E-05	0.04654	10.35	0.01828	0.06482
CG1_0110 (CG)	566482.17	4222712.33	4.38E-02	1.96E-03	1.01E-05	0.04572	10.15	0.01796	0.06368
CG1_0080 (CG)	566452.17	4222652.33	4.35E-02	1.83E-03	1.01E-05	0.04537	10.09	0.01783	0.06320
CG1_0101 (CG)	566472.17	4222682.33	4.19E-02	1.85E-03	9.72E-06	0.04379	9.72	0.01721	0.06100
CG1_0109 (CG)	566482.17	4222702.33	4.17E-02	1.89E-03	9.67E-06	0.04361	9.67	0.01713	0.06074
CG1_0091 (CG)	566462.17	4222662.33	4.12E-02	1.80E-03	9.55E-06	0.04297	9.55	0.01689	0.05986
CG1_0108 (CG)	566482.17	4222692.33	3.94E-02	1.81E-03	9.13E-06	0.04119	9.13	0.01619	0.05738
CG1_0100 (CG)	566472.17	4222672.33	3.89E-02	1.77E-03	9.02E-06	0.04066	9.02	0.01598	0.05664
CG1_0107 (CG)	566482.17	4222682.33	3.68E-02	1.73E-03	8.53E-06	0.03851	8.53	0.01515	0.05366
Off-site Daycare Receptors									
DC2_0047 (DC)	566072.14	4222658.07	7.58E-02	6.31E-03	2.49E-05	0.08207	24.89	0.03235	0.11442
DC2_0050 (DC)	566082.14	4222648.07	6.61E-02	7.76E-03	2.18E-05	0.07390	21.79	0.02912	0.10302
DC2_0043 (DC)	566062.14	4222658.07	6.44E-02	5.87E-03	2.12E-05	0.07029	21.18	0.02766	0.09795
DC2_0046 (DC)	566072.14	4222648.07	6.09E-02	7.21E-03	2.01E-05	0.06815	20.08	0.02686	0.09501
DC2_0039 (DC)	566052.14	4222658.07	5.65E-02	5.51E-03	1.86E-05	0.06202	18.59	0.02438	0.08640
DC2_0042 (DC)	566062.14	4222648.07	5.44E-02	6.58E-03	1.79E-05	0.06102	17.94	0.02400	0.08502
DC2_0049 (DC)	566082.14	4222638.07	5.26E-02	9.70E-03	1.74E-05	0.06229	17.43	0.02447	0.08676
DC2_0035 (DC)	566042.14	4222658.07	5.03E-02	5.17E-03	1.65E-05	0.05545	16.55	0.02178	0.07723
DC2_0045 (DC)	566072.14	4222638.07	4.91E-02	8.35E-03	1.62E-05	0.05741	16.24	0.02259	0.08000
DC2_0038 (DC)	566052.14	4222648.07	4.91E-02	6.05E-03	1.62E-05	0.05516	16.19	0.02167	0.07683
DC2_0028 (DC)	566022.14	4222668.07	4.58E-02	4.42E-03	1.51E-05	0.05026	15.08	0.01974	0.07000
DC2_0041 (DC)	566062.14	4222638.07	4.54E-02	7.39E-03	1.50E-05	0.05275	15.01	0.02072	0.07347
DC2_0024 (DC)	566012.14	4222678.07	4.56E-02	4.13E-03	1.50E-05	0.04972	14.99	0.01953	0.06925
DC2_0031 (DC)	566032.14	4222658.07	4.53E-02	4.85E-03	1.49E-05	0.05017	14.92	0.01970	0.06987
DC2_0034 (DC)	566042.14	4222648.07	4.46E-02	5.57E-03	1.47E-05	0.05013	14.69	0.01968	0.06981
DC2_0019 (DC)	566002.14	4222688.07	4.44E-02	3.90E-03	1.46E-05	0.04834	14.60	0.01899	0.06733
DC2_0048 (DC)	566082.14	4222628.07	4.33E-02	1.15E-02	1.45E-05	0.05477	14.46	0.02154	0.07631
DC2_0037 (DC)	566052.14	4222638.07	4.19E-02	6.63E-03	1.39E-05	0.04851	13.85	0.01903	0.06754
DC2_0023 (DC)	566012.14	4222668.07	4.19E-02	4.22E-03	1.38E-05	0.04612	13.79	0.01810	0.06422
DC2_0027 (DC)	566022.14	4222658.07	4.16E-02	4.60E-03	1.37E-05	0.04620	13.70	0.01813	0.06433
DC2_0018 (DC)	566002.14	4222678.07	4.15E-02	3.94E-03	1.36E-05	0.04541	13.64	0.01783	0.06324
DC2_0044 (DC)	566072.14	4222628.07	4.09E-02	9.61E-03	1.36E-05	0.05054	13.63	0.01982	0.07036
DC2_0030 (DC)	566032.14	4222648.07	4.07E-02	5.15E-03	1.34E-05	0.04588	13.43	0.01800	0.06388
DC2_0014 (DC)	565992.14	4222688.07	4.05E-02	3.73E-03	1.33E-05	0.04418	13.30	0.01735	0.06153
DC2_0009 (DC)	565982.14	4222698.07	3.90E-02	3.56E-03	1.28E-05	0.04258	12.83	0.01672	0.05930
DC2_0033 (DC)	566042.14	4222638.07	3.88E-02	5.98E-03	1.28E-05	0.04474	12.81	0.01754	0.06228
DC2_0040 (DC)	566062.14	4222628.07	3.85E-02	8.22E-03	1.28E-05	0.04675	12.81	0.01831	0.06506
DC2_0017 (DC)	566002.14	4222668.07	3.84E-02	4.01E-03	1.26E-05	0.04238	12.63	0.01663	0.05901
DC2_0022 (DC)	566012.14	4222658.07	3.83E-02	4.34E-03	1.26E-05	0.04259	12.60	0.01671	0.05930
DC2_0013 (DC)	565992.14	4222678.07	3.79E-02	3.75E-03	1.25E-05	0.04166	12.47	0.01635	0.05801
DC2_0026 (DC)	566022.14	4222648.07	3.75E-02	4.79E-03	1.24E-05	0.04227	12.36	0.01658	0.05885
DC2_0008 (DC)	565982.14	4222688.07	3.70E-02	3.55E-03	1.22E-05	0.04051	12.16	0.01591	0.05642
DC2_0036 (DC)	566052.14	4222628.07	3.61E-02	7.16E-03	1.20E-05	0.04330	12.00	0.01696	0.06026
DC2_0029 (DC)	566032.14	4222638.07	3.60E-02	5.43E-03	1.19E-05	0.04138	11.88	0.01622	0.05760
DC2_0016 (DC)	566002.14	4222658.07	3.50E-02	4.08E-03	1.15E-05	0.03912	11.55	0.01535	0.05447
DC2_0012 (DC)	565992.14	4222668.07	3.51E-02	3.79E-03	1.15E-05	0.03885	11.54	0.01524	0.05409
DC2_0007 (DC)	565982.14	4222678.07	3.46E-02	3.56E-03	1.14E-05	0.03817	11.39	0.01498	0.05315
DC2_0021 (DC)	566012.14	4222648.07	3.45E-02	4.46E-03	1.14E-05	0.03896	11.38	0.01528	0.05424
DC2_0032 (DC)	566042.14	4222628.07	3.39E-02	6.31E-03	1.12E-05	0.04021	11.24	0.01575	0.05596
DC2_0004 (DC)	565972.14	4222688.07	3.38E-02	3.38E-03	1.11E-05	0.03714	11.11	0.01458	0.05172
DC2_0025 (DC)	566022.14	4222638.07	3.34E-02	4.98E-03	1.10E-05	0.03833	11.02	0.01502	0.05335
DC2_0011 (DC)	565992.14	4222658.07	3.22E-02	3.84E-03	1.06E-05	0.03608	10.63	0.01415	0.05023
DC2_0006 (DC)	565982.14	4222668.07	3.22E-02	3.59E-03	1.06E-05	0.03576	10.59	0.01403	0.04979
DC2_0015 (DC)	566002.14	4222648.07	3.19E-02	4.15E-03	1.05E-05	0.03601	10.51	0.01412	0.05013
DC2_0003 (DC)	565972.14	4222678.07	3.17E-02	3.39E-03	1.04E-05	0.03512	10.45	0.01378	0.04890
DC2_0020 (DC)	566012.14	4222638.07	3.10E-02	4.55E-03	1.02E-05	0.03557	10.25	0.01394	0.04951
DC2_0005 (DC)	565982.14	4222658.07	2.98E-02	3.60E-03	9.82E-06	0.03338	9.82	0.01309	0.04647
DC2_0002 (DC)	565972.14	4222668.07	2.96E-02	3.38E-03	9.76E-06	0.03302	9.76	0.01296	0.04598
DC2_0010 (DC)	565992.14	4222648.07	2.96E-02	3.86E-03	9.75E-06	0.03341	9.75	0.01310	0.04651
DC2_0001 (DC)	565962.14	4222678.07	2.93E-02	3.20E-03	9.63E-06	0.03246	9.63	0.01274	0.04520
DC1_0349 (DC)	566070.67	4222457.78	7.74E-03	1.92E-03	2.58E-06	0.00966	2.58	0.00435	0.01401
DC1_0345 (DC)	566060.67	4222457.78	7.60E-03	1.73E-03	2.53E-06	0.00933	2.53	0.00410	0.01343
DC1_0338 (DC)	566050.67	4222457.78	7.48E-03	1.61E-03	2.49E-06	0.00909	2.49	0.00392	0.01301
DC1_0328 (DC)	566040.67	4222457.78	7.37E-03	1.51E-03	2.45E-06	0.00888	2.45	0.00378	0.01266
DC1_0348 (DC)	566070.67	4222447.78	7.25E-03	1.86E-03	2.42E-06	0.00911	2.42	0.00418	0.01329
DC1_0316 (DC)	566030.67	4222457.78	7.26E-03	1.44E-03	2.41E-06	0.00870	2.41	0.00367	0.01237
DC1_0302 (DC)	566020.67	4222457.78	7.18E-03	1.38E-03	2.38E-06	0.00856	2.38	0.00358	0.01214
DC1_0344 (DC)	566060.67	4222447.78	7.13E-03	1.66E-03	2.37E-06	0.00879	2.37	0.00391	0.01270
DC1_0286 (DC)	566010.67	4222457.78	7.09E-03	1.33E-03	2.35E-06	0.00842	2.35	0.00350	0.01192
DC1_0337 (DC)	566050.67	4222447.78	7.02E-03	1.53E-03	2.33E-06	0.00855	2.33	0.00373	0.01228
DC1_0269 (DC)	566000.67	4222457.78	7.00E-03	1.28E-03	2.32E-06	0.00828	2.32	0.00342	0.01170
DC1_0327 (DC)	566040.67	4222447.78	6.91E-03	1.43E-03	2.30E-06	0.00834	2.30	0.00358	0.01192
DC1_0250 (DC)	565990.67	4222457.78	6.91E-03	1.23E-03	2.29E-06	0.00814	2.29	0.00335	0.01149
DC1_0347 (DC)	566070.67	4222437.78	6.81E-03	1.84E-03	2.27E-06	0.00865	2.27	0.00407	0.01272
DC1_0315 (DC)	566030.67	4222447.78	6.82E-03	1.35E-03	2.26E-06	0.00817	2.26	0.00347	0.01164
DC1_0230 (DC)	565980.67	4222457.78	6.81E-03	1.19E-03	2.26E-06	0.00800	2.26	0.00328	0.01128
DC1_0301 (DC)	566020.67	4222447.78	6.74E-03	1.29E-03	2.24E-06	0.00803	2.24	0.00338	0.01141
DC1_0343 (DC)	566060.67	4222437.78	6.69E-03	1.61E-03	2.23E-06	0.00830	2.23	0.00375	0.01205
DC1_0210 (DC)	565970.67	4222457.78	6.71E-03	1.16E-03	2.22E-06	0.00787	2.22	0.00321	0.01108
DC1_0285 (DC)	566010.67	4222447.78	6.6						

DC1_0171 (DC)	565950.67	4222457.78	6.52E-03	1.09E-03	2.16E-06	0.00761	2.16	0.00309	0.01070
DC1_0249 (DC)	565990.67	4222447.78	6.50E-03	1.16E-03	2.15E-06	0.00766	2.15	0.00317	0.01083
DC1_0346 (DC)	566070.67	4222427.78	6.39E-03	1.70E-03	2.13E-06	0.00809	2.13	0.00381	0.01190
DC1_0314 (DC)	566030.67	4222437.78	6.42E-03	1.28E-03	2.13E-06	0.00770	2.13	0.00330	0.01100
DC1_0229 (DC)	565980.67	4222447.78	6.42E-03	1.12E-03	2.13E-06	0.00754	2.13	0.00310	0.01064
DC1_0153 (DC)	565940.67	4222457.78	6.42E-03	1.05E-03	2.12E-06	0.00747	2.12	0.00303	0.01050
DC1_0300 (DC)	566020.67	4222437.78	6.34E-03	1.22E-03	2.10E-06	0.00756	2.10	0.00321	0.01077
DC1_0342 (DC)	566060.67	4222427.78	6.30E-03	1.58E-03	2.10E-06	0.00788	2.10	0.00363	0.01151
DC1_0209 (DC)	565970.67	4222447.78	6.33E-03	1.09E-03	2.10E-06	0.00742	2.10	0.00304	0.01046
DC1_0136 (DC)	565930.67	4222457.78	6.31E-03	1.02E-03	2.09E-06	0.00733	2.09	0.00297	0.01030
DC1_0284 (DC)	566010.67	4222437.78	6.27E-03	1.17E-03	2.08E-06	0.00744	2.08	0.00313	0.01057
DC1_0189 (DC)	565960.67	4222447.78	6.25E-03	1.05E-03	2.07E-06	0.00730	2.07	0.00298	0.01028
DC1_0335 (DC)	566050.67	4222427.78	6.21E-03	1.42E-03	2.07E-06	0.00763	2.07	0.00342	0.01105
DC1_0267 (DC)	566000.67	4222437.78	6.20E-03	1.13E-03	2.05E-06	0.00733	2.05	0.00306	0.01039
DC1_0120 (DC)	565920.67	4222457.78	6.20E-03	9.90E-04	2.05E-06	0.00719	2.05	0.00291	0.01010
DC1_0170 (DC)	565950.67	4222447.78	6.16E-03	1.02E-03	2.04E-06	0.00718	2.04	0.00293	0.01011
DC1_0325 (DC)	566040.67	4222427.78	6.12E-03	1.31E-03	2.03E-06	0.00743	2.03	0.00326	0.01069
DC1_0248 (DC)	565990.67	4222437.78	6.13E-03	1.09E-03	2.03E-06	0.00722	2.03	0.00300	0.01022
DC1_0105 (DC)	565910.67	4222457.78	6.10E-03	9.60E-04	2.02E-06	0.00706	2.02	0.00285	0.00991
DC1_0152 (DC)	565940.67	4222447.78	6.07E-03	9.90E-04	2.01E-06	0.00706	2.01	0.00287	0.00993
DC1_0228 (DC)	565980.67	4222437.78	6.06E-03	1.06E-03	2.01E-06	0.00712	2.01	0.00294	0.01006
DC1_0313 (DC)	566030.67	4222427.78	6.04E-03	1.23E-03	2.01E-06	0.00727	2.01	0.00314	0.01041
DC1_0091 (DC)	565900.67	4222457.78	6.01E-03	9.30E-04	1.99E-06	0.00694	1.99	0.00279	0.00973
DC1_0341 (DC)	566060.67	4222417.78	5.95E-03	1.58E-03	1.99E-06	0.00753	1.99	0.00354	0.01107
DC1_0299 (DC)	566020.67	4222427.78	5.98E-03	1.17E-03	1.98E-06	0.00715	1.98	0.00305	0.01020
DC1_0208 (DC)	565970.67	4222437.78	5.98E-03	1.03E-03	1.98E-06	0.00701	1.98	0.00288	0.00989
DC1_0135 (DC)	565930.67	4222447.78	5.98E-03	9.70E-04	1.98E-06	0.00695	1.98	0.00282	0.00977
DC1_0283 (DC)	566010.67	4222427.78	5.91E-03	1.11E-03	1.96E-06	0.00702	1.96	0.00298	0.01000
DC1_0188 (DC)	565960.67	4222437.78	5.91E-03	1.00E-03	1.96E-06	0.00691	1.96	0.00283	0.00974
DC1_0078 (DC)	565890.67	4222457.78	5.91E-03	9.10E-04	1.95E-06	0.00682	1.95	0.00274	0.00956
DC1_0334 (DC)	566050.67	4222417.78	5.86E-03	1.39E-03	1.95E-06	0.00725	1.95	0.00330	0.01055
DC1_0119 (DC)	565920.67	4222447.78	5.89E-03	9.40E-04	1.95E-06	0.00683	1.95	0.00276	0.00959
DC1_0266 (DC)	566000.67	4222427.78	5.85E-03	1.07E-03	1.94E-06	0.00692	1.94	0.00291	0.00983
DC1_0169 (DC)	565950.67	4222437.78	5.83E-03	9.70E-04	1.93E-06	0.00680	1.93	0.00278	0.00958
DC1_0066 (DC)	565880.67	4222457.78	5.82E-03	8.80E-04	1.92E-06	0.00670	1.92	0.00269	0.00939
DC1_0324 (DC)	566040.67	4222417.78	5.78E-03	1.27E-03	1.92E-06	0.00705	1.92	0.00314	0.01019
DC1_0104 (DC)	565910.67	4222447.78	5.80E-03	9.10E-04	1.92E-06	0.00671	1.92	0.00271	0.00942
DC1_0247 (DC)	565990.67	4222427.78	5.78E-03	1.03E-03	1.91E-06	0.00681	1.91	0.00285	0.00966
DC1_0151 (DC)	565940.67	4222437.78	5.75E-03	9.40E-04	1.90E-06	0.00669	1.90	0.00273	0.00942
DC1_0312 (DC)	566030.67	4222417.78	5.71E-03	1.18E-03	1.90E-06	0.00689	1.90	0.00301	0.00990
DC1_0227 (DC)	565980.67	4222427.78	5.72E-03	1.00E-03	1.89E-06	0.00672	1.89	0.00279	0.00951
DC1_0055 (DC)	565870.67	4222457.78	5.72E-03	8.60E-04	1.89E-06	0.00658	1.89	0.00264	0.00922
DC1_0090 (DC)	565900.67	4222447.78	5.71E-03	8.90E-04	1.89E-06	0.00660	1.89	0.00266	0.00926
DC1_0340 (DC)	566060.67	4222407.78	5.63E-03	1.60E-03	1.88E-06	0.00723	1.88	0.00349	0.01072
DC1_0134 (DC)	565930.67	4222437.78	5.67E-03	9.10E-04	1.88E-06	0.00658	1.88	0.00268	0.00926
DC1_0298 (DC)	566020.67	4222417.78	5.65E-03	1.12E-03	1.88E-06	0.00677	1.88	0.00292	0.00969
DC1_0207 (DC)	565970.67	4222427.78	5.65E-03	9.70E-04	1.87E-06	0.00662	1.87	0.00274	0.00936
DC1_0045 (DC)	565860.67	4222457.78	5.63E-03	8.40E-04	1.86E-06	0.00647	1.86	0.00259	0.00906
DC1_0077 (DC)	565890.67	4222447.78	5.62E-03	8.60E-04	1.86E-06	0.00648	1.86	0.00261	0.00909
DC1_0282 (DC)	566010.67	4222417.78	5.59E-03	1.07E-03	1.85E-06	0.00666	1.85	0.00284	0.00950
DC1_0118 (DC)	565920.67	4222437.78	5.60E-03	8.90E-04	1.85E-06	0.00649	1.85	0.00263	0.00912
DC1_0187 (DC)	565960.67	4222427.78	5.59E-03	9.40E-04	1.85E-06	0.00653	1.85	0.00269	0.00922
DC1_0333 (DC)	566050.67	4222407.78	5.54E-03	1.38E-03	1.85E-06	0.00692	1.85	0.00320	0.01012
DC1_0265 (DC)	566000.67	4222417.78	5.53E-03	1.02E-03	1.83E-06	0.00655	1.83	0.00277	0.00932
DC1_0065 (DC)	565880.67	4222447.78	5.54E-03	8.40E-04	1.83E-06	0.00638	1.83	0.00257	0.00895
DC1_0036 (DC)	565850.67	4222457.78	5.53E-03	8.10E-04	1.83E-06	0.00634	1.83	0.00254	0.00888
DC1_0168 (DC)	565950.67	4222427.78	5.52E-03	9.20E-04	1.83E-06	0.00644	1.83	0.00264	0.00908
DC1_0103 (DC)	565910.67	4222437.78	5.52E-03	8.70E-04	1.83E-06	0.00639	1.83	0.00258	0.00897
DC1_0323 (DC)	566040.67	4222407.78	5.47E-03	1.24E-03	1.82E-06	0.00671	1.82	0.00303	0.00974
DC1_0246 (DC)	565990.67	4222417.78	5.47E-03	9.80E-04	1.81E-06	0.00645	1.81	0.00271	0.00916
DC1_0150 (DC)	565940.67	4222427.78	5.46E-03	8.90E-04	1.81E-06	0.00635	1.81	0.00260	0.00895
DC1_0054 (DC)	565870.67	4222447.78	5.45E-03	8.20E-04	1.80E-06	0.00627	1.80	0.00252	0.00879
DC1_0311 (DC)	566030.67	4222407.78	5.41E-03	1.15E-03	1.80E-06	0.00656	1.80	0.00290	0.00946
DC1_0089 (DC)	565900.67	4222437.78	5.43E-03	8.40E-04	1.80E-06	0.00627	1.80	0.00254	0.00881
DC1_0226 (DC)	565980.67	4222417.78	5.42E-03	9.50E-04	1.80E-06	0.00637	1.80	0.00266	0.00903
DC1_0028 (DC)	565840.67	4222457.78	5.42E-03	7.90E-04	1.79E-06	0.00621	1.79	0.00248	0.00869
DC1_0133 (DC)	565930.67	4222427.78	5.39E-03	8.70E-04	1.78E-06	0.00626	1.78	0.00255	0.00881
DC1_0339 (DC)	566060.67	4222397.78	5.32E-03	1.51E-03	1.78E-06	0.00683	1.78	0.00331	0.01014
DC1_0297 (DC)	566020.67	4222407.78	5.35E-03	1.08E-03	1.78E-06	0.00643	1.78	0.00280	0.00923
DC1_0206 (DC)	565970.67	4222417.78	5.36E-03	9.20E-04	1.77E-06	0.00628	1.77	0.00261	0.00889
DC1_0044 (DC)	565860.67	4222447.78	5.37E-03	8.00E-04	1.77E-06	0.00617	1.77	0.00247	0.00864
DC1_0076 (DC)	565890.67	4222437.78	5.35E-03	8.20E-04	1.77E-06	0.00617	1.77	0.00249	0.00866
DC1_0117 (DC)	565920.67	4222427.78	5.32E-03	8.50E-04	1.76E-06	0.00617	1.76	0.00251	0.00868
DC1_0021 (DC)	565830.67	4222457.78	5.32E-03	7.70E-04	1.76E-06	0.00609	1.76	0.00243	0.00852
DC1_0281 (DC)	566010.67	4222407.78	5.29E-03	1.02E-03	1.75E-06	0.00631	1.75	0.00271	0.00902
DC1_0186 (DC)	565960.67	4222417.78	5.30E-03	9.00E-04	1.75E-06	0.00620	1.75	0.00256	0.00876
DC1_0332 (DC)	566050.67	4222397.78	5.25E-03	1.38E-03	1.75E-06	0.00663	1.75	0.00313	0.00976
DC1_0035 (DC)	565850.67	4222447.78	5.28E-03	7.80E-04	1.74E-06	0.00606	1.74	0.00243	0.00849
DC1_0064 (DC)	565880.67	4222437.78	5.27E-03	8.00E-04	1.74E-06	0.00607	1.74	0.00245	0.00852
DC1_0264 (DC)	566000.67	4222407.78	5.24E-03	8.90E-04	1.74E-06	0.00622	1.74	0.00265	0.00887
DC1_0102 (DC)	565910.67	4222427.78	5.25E-03	8.20E-04	1.74E-06	0.00607	1.74	0.00247	0.00854
DC1_0167 (DC)	565950.67	4222417.78	5.24E-03	8.70E-04	1.73E-06	0.00611	1.73	0.00252	0.00863
DC1_0322 (DC)	566040.67	4222397.78	5.18E-03	1.23E-03	1.73E-06	0.00641	1.73	0.00293	0.00934
DC1_0015 (DC)	565820.67	4222457.78	5.21E-03	7.50E-04	1.72E-06	0.00596	1.72	0.00238	0.00834
DC1_0245 (DC)	565990.67	4222407.78	5.19E-03	9.40E-04	1.72E-06	0.00613	1.72	0.00259	0.00872
DC1_0053 (DC)	565870.67	4222437.78	5.20E-03	7.80E-04	1.72E-06	0.00598	1.72	0.00241	0.00839
DC1_0149 (DC)	565940.67	4222417.78	5.18E-03	8.50E-04	1.71E-06	0.00603	1.71	0.00247	0.00850
DC1_0088 (DC)	565900.67	4222427.78	5.18E-03	8.00E-04	1.71E-06	0.00598	1.71	0.00242	0.00840
DC1_0027 (DC)	565840.67	4222447.78	5.18E-03	7.60E-04	1.71E-06	0.00594	1.71	0.00238	0.00832
DC1_0310 (DC)	566030.67	4222397.78	5.13E-03	1.12E-03	1.71E-06	0.00625	1.71	0.00279	0.00904
DC1_0225 (DC)	565980.67	4222407.78	5.14E-03	9.10E-04	1.70E-06	0.00605	1.70	0.00254	0.00859
DC1_0132 (DC)	565930.67	4222417.78	5.12E-03	8.20E-04	1.69E-06	0.00594	1.69	0.00243	0.00837
DC1_0043 (DC)	565860.67	4222437.78	5.12E-03	7.60E-04	1.69E-06	0.00588	1.69	0.00237	0.00825
DC1_0010 (DC)	565810.67	4222457.78	5.11E-03	7.30E-04	1.69E-0				

DC1_0116 (DC)	565920.67	4222417.78	5.06E-03	8.00E-04	1.67E-06	0.00586	1.67	0.00239	0.00825
DC1_0331 (DC)	566050.67	4222387.78	4.99E-03	1.41E-03	1.67E-06	0.00640	1.67	0.00309	0.00949
DC1_0280 (DC)	566010.67	4222397.78	5.02E-03	9.90E-04	1.67E-06	0.00601	1.67	0.00260	0.00861
DC1_0034 (DC)	565850.67	4222437.78	5.04E-03	7.40E-04	1.67E-06	0.00578	1.67	0.00232	0.00810
DC1_0185 (DC)	565960.67	4222407.78	5.03E-03	8.50E-04	1.67E-06	0.00588	1.67	0.00244	0.00832
DC1_0063 (DC)	565880.67	4222427.78	5.03E-03	7.60E-04	1.66E-06	0.00579	1.66	0.00234	0.00813
DC1_0006 (DC)	565800.67	4222457.78	5.01E-03	7.10E-04	1.65E-06	0.00572	1.65	0.00228	0.00800
DC1_0101 (DC)	565910.67	4222417.78	5.00E-03	7.80E-04	1.65E-06	0.00578	1.65	0.00235	0.00813
DC1_0014 (DC)	565820.67	4222447.78	4.99E-03	7.20E-04	1.65E-06	0.00571	1.65	0.00228	0.00799
DC1_0263 (DC)	566000.67	4222397.78	4.97E-03	9.40E-04	1.65E-06	0.00591	1.65	0.00253	0.00844
DC1_0166 (DC)	565950.67	4222407.78	4.97E-03	8.30E-04	1.64E-06	0.00580	1.64	0.00240	0.00820
DC1_0321 (DC)	566040.67	4222387.78	4.92E-03	1.22E-03	1.64E-06	0.00614	1.64	0.00286	0.00900
DC1_0052 (DC)	565870.67	4222427.78	4.96E-03	7.40E-04	1.64E-06	0.00570	1.64	0.00230	0.00800
DC1_0026 (DC)	565840.67	4222437.78	4.96E-03	7.20E-04	1.64E-06	0.00568	1.64	0.00228	0.00796
DC1_0244 (DC)	565990.67	4222397.78	4.92E-03	9.00E-04	1.63E-06	0.00582	1.63	0.00248	0.00830
DC1_0087 (DC)	565900.67	4222417.78	4.93E-03	7.60E-04	1.63E-06	0.00569	1.63	0.00231	0.00800
DC1_0148 (DC)	565940.67	4222407.78	4.92E-03	8.10E-04	1.63E-06	0.00573	1.63	0.00236	0.00809
DC1_0003 (DC)	565790.67	4222457.78	4.91E-03	6.90E-04	1.62E-06	0.00560	1.62	0.00223	0.00783
DC1_0009 (DC)	565810.67	4222447.78	4.90E-03	7.00E-04	1.62E-06	0.00560	1.62	0.00224	0.00784
DC1_0309 (DC)	566030.67	4222387.78	4.86E-03	1.11E-03	1.62E-06	0.00597	1.62	0.00270	0.00867
DC1_0042 (DC)	565860.67	4222427.78	4.89E-03	7.30E-04	1.62E-06	0.00562	1.62	0.00226	0.00788
DC1_0224 (DC)	565980.67	4222397.78	4.87E-03	8.70E-04	1.61E-06	0.00574	1.61	0.00242	0.00816
DC1_0019 (DC)	565830.67	4222437.78	4.87E-03	7.00E-04	1.61E-06	0.00557	1.61	0.00223	0.00780
DC1_0131 (DC)	565930.67	4222407.78	4.86E-03	7.80E-04	1.61E-06	0.00564	1.61	0.00232	0.00796
DC1_0074 (DC)	565890.67	4222417.78	4.86E-03	7.50E-04	1.61E-06	0.00561	1.61	0.00227	0.00788
DC1_0204 (DC)	565970.67	4222397.78	4.83E-03	8.40E-04	1.60E-06	0.00567	1.60	0.00238	0.00805
DC1_0295 (DC)	566020.67	4222387.78	4.81E-03	1.02E-03	1.60E-06	0.00583	1.60	0.00259	0.00842
DC1_0330 (DC)	566050.67	4222377.78	4.76E-03	1.46E-03	1.60E-06	0.00622	1.60	0.00310	0.00932
DC4_0001 (DC)	565555.59	4222665.01	4.83E-03	6.20E-04	1.59E-06	0.00545	1.59	0.00214	0.00759
DC1_0033 (DC)	565850.67	4222427.78	4.82E-03	7.10E-04	1.59E-06	0.00553	1.59	0.00222	0.00775
DC1_0001 (DC)	565780.67	4222457.78	4.82E-03	6.70E-04	1.59E-06	0.00549	1.59	0.00219	0.00768
DC1_0115 (DC)	565920.67	4222407.78	4.81E-03	7.60E-04	1.59E-06	0.00557	1.59	0.00228	0.00785
DC1_0005 (DC)	565800.67	4222447.78	4.81E-03	6.80E-04	1.59E-06	0.00549	1.59	0.00219	0.00768
DC1_0062 (DC)	565880.67	4222417.78	4.80E-03	7.30E-04	1.59E-06	0.00553	1.59	0.00224	0.00777
DC1_0184 (DC)	565960.67	4222397.78	4.78E-03	8.10E-04	1.58E-06	0.00559	1.58	0.00233	0.00792
DC1_0279 (DC)	566010.67	4222387.78	4.76E-03	9.60E-04	1.58E-06	0.00572	1.58	0.00250	0.00822
DC1_0013 (DC)	565820.67	4222437.78	4.78E-03	6.90E-04	1.58E-06	0.00547	1.58	0.00219	0.00766
DC1_0100 (DC)	565910.67	4222407.78	4.76E-03	7.50E-04	1.57E-06	0.00551	1.57	0.00224	0.00775
DC1_0051 (DC)	565870.67	4222417.78	4.74E-03	7.10E-04	1.57E-06	0.00545	1.57	0.00220	0.00765
DC1_0025 (DC)	565840.67	4222427.78	4.74E-03	6.90E-04	1.57E-06	0.00543	1.57	0.00218	0.00761
DC1_0262 (DC)	566000.67	4222387.78	4.71E-03	9.10E-04	1.56E-06	0.00562	1.56	0.00243	0.00805
DC1_0165 (DC)	565950.67	4222397.78	4.72E-03	7.90E-04	1.56E-06	0.00551	1.56	0.00229	0.00780
DC1_0320 (DC)	566040.67	4222377.78	4.68E-03	1.23E-03	1.56E-06	0.00591	1.56	0.00280	0.00871
DC1_0002 (DC)	565790.67	4222447.78	4.72E-03	6.60E-04	1.56E-06	0.00538	1.56	0.00215	0.00753
DC1_0086 (DC)	565900.67	4222407.78	4.70E-03	7.30E-04	1.55E-06	0.00543	1.55	0.00221	0.00764
DC1_0008 (DC)	565810.67	4222437.78	4.70E-03	6.70E-04	1.55E-06	0.00537	1.55	0.00215	0.00752
DC1_0243 (DC)	565990.67	4222387.78	4.67E-03	8.70E-04	1.55E-06	0.00554	1.55	0.00237	0.00791
DC1_0147 (DC)	565940.67	4222397.78	4.67E-03	7.70E-04	1.55E-06	0.00544	1.55	0.00225	0.00769
DC1_0041 (DC)	565860.67	4222417.78	4.67E-03	6.90E-04	1.54E-06	0.00536	1.54	0.00216	0.00752
DC1_0018 (DC)	565830.67	4222427.78	4.66E-03	6.70E-04	1.54E-06	0.00533	1.54	0.00214	0.00747
DC1_0308 (DC)	566030.67	4222377.78	4.62E-03	1.10E-03	1.54E-06	0.00572	1.54	0.00263	0.00835
DC1_0223 (DC)	565980.67	4222387.78	4.63E-03	8.40E-04	1.53E-06	0.00547	1.53	0.00232	0.00779
DC1_0073 (DC)	565890.67	4222407.78	4.64E-03	7.10E-04	1.53E-06	0.00535	1.53	0.00217	0.00752
DC1_0130 (DC)	565930.67	4222397.78	4.63E-03	7.50E-04	1.53E-06	0.00538	1.53	0.00221	0.00759
DC1_0004 (DC)	565800.67	4222437.78	4.62E-03	6.50E-04	1.53E-06	0.00527	1.53	0.00211	0.00738
DC1_0032 (DC)	565850.67	4222417.78	4.61E-03	6.80E-04	1.52E-06	0.00529	1.52	0.00213	0.00742
DC1_0203 (DC)	565970.67	4222387.78	4.59E-03	8.10E-04	1.52E-06	0.00540	1.52	0.00228	0.00768
DC1_0294 (DC)	566020.67	4222377.78	4.57E-03	1.01E-03	1.52E-06	0.00558	1.52	0.00251	0.00809
DC1_0061 (DC)	565880.67	4222407.78	4.59E-03	6.90E-04	1.52E-06	0.00528	1.52	0.00214	0.00742
DC1_0114 (DC)	565920.67	4222397.78	4.58E-03	7.30E-04	1.51E-06	0.00531	1.51	0.00218	0.00749
DC1_0329 (DC)	566050.67	4222367.78	4.52E-03	1.39E-03	1.51E-06	0.00591	1.51	0.00296	0.00887
DC1_0012 (DC)	565820.67	4222427.78	4.58E-03	6.60E-04	1.51E-06	0.00524	1.51	0.00210	0.00734
DC1_0183 (DC)	565960.67	4222387.78	4.54E-03	7.80E-04	1.50E-06	0.00532	1.50	0.00223	0.00755
DC1_0278 (DC)	566010.67	4222377.78	4.52E-03	9.40E-04	1.50E-06	0.00546	1.50	0.00241	0.00787
DC1_0024 (DC)	565840.67	4222417.78	4.54E-03	6.60E-04	1.50E-06	0.00520	1.50	0.00209	0.00729
DC1_0099 (DC)	565910.67	4222397.78	4.53E-03	7.10E-04	1.50E-06	0.00524	1.50	0.00214	0.00738
DC1_0050 (DC)	565870.67	4222407.78	4.53E-03	6.80E-04	1.50E-06	0.00521	1.50	0.00211	0.00732
DC1_0319 (DC)	566040.67	4222367.78	4.46E-03	1.26E-03	1.49E-06	0.00572	1.49	0.00278	0.00850
DC1_0164 (DC)	565950.67	4222387.78	4.50E-03	7.60E-04	1.49E-06	0.00526	1.49	0.00219	0.00745
DC1_0007 (DC)	565810.67	4222427.78	4.51E-03	6.40E-04	1.49E-06	0.00515	1.49	0.00206	0.00721
DC1_0261 (DC)	566000.67	4222377.78	4.48E-03	8.90E-04	1.49E-06	0.00537	1.49	0.00234	0.00771
DC1_0085 (DC)	565900.67	4222397.78	4.48E-03	6.90E-04	1.48E-06	0.00517	1.48	0.00211	0.00728
DC1_0040 (DC)	565860.67	4222407.78	4.47E-03	6.60E-04	1.48E-06	0.00513	1.48	0.00207	0.00720
DC1_0017 (DC)	565830.67	4222417.78	4.47E-03	6.50E-04	1.48E-06	0.00512	1.48	0.00205	0.00717
DC1_0146 (DC)	565940.67	4222387.78	4.45E-03	7.30E-04	1.47E-06	0.00518	1.47	0.00215	0.00733
DC1_0242 (DC)	565990.67	4222377.78	4.44E-03	8.40E-04	1.47E-06	0.00528	1.47	0.00228	0.00756
DC1_0307 (DC)	566030.67	4222367.78	4.40E-03	1.10E-03	1.47E-06	0.00550	1.47	0.00257	0.00807
DC1_0072 (DC)	565890.67	4222397.78	4.43E-03	6.80E-04	1.46E-06	0.00511	1.46	0.00208	0.00719
DC1_0222 (DC)	565980.67	4222377.78	4.41E-03	8.10E-04	1.46E-06	0.00522	1.46	0.00223	0.00745
DC1_0129 (DC)	565930.67	4222387.78	4.41E-03	7.10E-04	1.46E-06	0.00512	1.46	0.00211	0.00723
DC1_0031 (DC)	565850.67	4222407.78	4.41E-03	6.50E-04	1.46E-06	0.00506	1.46	0.00204	0.00710
DC1_0011 (DC)	565820.67	4222417.78	4.40E-03	6.30E-04	1.45E-06	0.00503	1.45	0.00202	0.00705
DC1_0202 (DC)	565970.67	4222377.78	4.37E-03	7.80E-04	1.45E-06	0.00515	1.45	0.00218	0.00733
DC1_0293 (DC)	566020.67	4222367.78	4.35E-03	1.00E-03	1.45E-06	0.00535	1.45	0.00244	0.00779
DC1_0060 (DC)	565880.67	4222397.78	4.38E-03	6.60E-04	1.45E-06	0.00504	1.45	0.00205	0.00709
DC1_0113 (DC)	565920.67	4222387.78	4.37E-03	7.00E-04	1.45E-06	0.00507	1.45	0.00208	0.00715
DC1_0023 (DC)	565840.67	4222407.78	4.35E-03	6.30E-04	1.44E-06	0.00498	1.44	0.00201	0.00699
DC1_0182 (DC)	565960.67	4222377.78	4.33E-03	7.50E-04	1.43E-06	0.00508	1.43	0.00214	0.00722
DC1_0318 (DC)	566040.67	4222357.78	4.27E-03	1.33E-03	1.43E-06	0.00560	1.43	0.00281	0.00841
DC1_0049 (DC)	565870.67	4222397.78	4.33E-03	6.50E-04	1.43E-06	0.00498	1.43	0.00202	0.00700
DC1_0277 (DC)	566010.67	4222367.78	4.30E-03	9.20E-04	1.43E-06	0.00522	1.43	0.00234	0.00756
DC1_0098 (DC)	565910.67	4222387.78	4.32E-03	6.80E-04	1.43E-06	0.00500	1.43	0.00205	0.00705
DC1_0163 (DC)	565950.67	4222377.78	4.28E-03	7.30E-04	1.42E-06	0.00501	1.42	0.00209	0.00710
DC1_0084 (DC)	565900.67	4222387.78	4.28E-03	6.60E-04	1.41E-0				

DC1_0145 (DC)	565940.67	4222377.78	4.24E-03	7.00E-04	1.40E-06	0.00494	1.40	0.00206	0.00700
DC1_0306 (DC)	566030.67	4222357.78	4.20E-03	1.12E-03	1.40E-06	0.00532	1.40	0.00254	0.00786
DC1_0071 (DC)	565890.67	4222387.78	4.24E-03	6.50E-04	1.40E-06	0.00489	1.40	0.00199	0.00688
DC1_0030 (DC)	565850.67	4222397.78	4.22E-03	6.20E-04	1.39E-06	0.00484	1.39	0.00195	0.00679
DC1_0128 (DC)	565930.67	4222377.78	4.21E-03	6.80E-04	1.39E-06	0.00489	1.39	0.00202	0.00691
DC1_0221 (DC)	565980.67	4222367.78	4.20E-03	7.80E-04	1.39E-06	0.00498	1.39	0.00214	0.00712
DC1_0059 (DC)	565880.67	4222387.78	4.19E-03	6.30E-04	1.38E-06	0.00482	1.38	0.00196	0.00678
DC1_0112 (DC)	565920.67	4222377.78	4.17E-03	6.70E-04	1.38E-06	0.00484	1.38	0.00199	0.00683
DC1_0292 (DC)	566020.67	4222357.78	4.14E-03	1.00E-03	1.38E-06	0.00514	1.38	0.00238	0.00752
DC1_0201 (DC)	565970.67	4222367.78	4.16E-03	7.50E-04	1.38E-06	0.00491	1.38	0.00209	0.00700
DC1_0022 (DC)	565840.67	4222397.78	4.16E-03	6.10E-04	1.37E-06	0.00477	1.37	0.00192	0.00669
DC1_0048 (DC)	565870.67	4222387.78	4.14E-03	6.20E-04	1.37E-06	0.00476	1.37	0.00193	0.00669
DC1_0181 (DC)	565960.67	4222367.78	4.13E-03	7.20E-04	1.37E-06	0.00485	1.37	0.00205	0.00690
DC1_0097 (DC)	565910.67	4222377.78	4.13E-03	6.50E-04	1.37E-06	0.00478	1.37	0.00196	0.00674
DC1_0317 (DC)	566040.67	4222347.78	4.07E-03	1.28E-03	1.36E-06	0.00535	1.36	0.00271	0.00806
DC1_0276 (DC)	566010.67	4222357.78	4.10E-03	9.10E-04	1.36E-06	0.00501	1.36	0.00227	0.00728
DC1_0162 (DC)	565950.67	4222367.78	4.09E-03	7.00E-04	1.35E-06	0.00479	1.35	0.00201	0.00680
DC1_0083 (DC)	565900.67	4222377.78	4.09E-03	6.40E-04	1.35E-06	0.00473	1.35	0.00194	0.00667
DC1_0038 (DC)	565860.67	4222387.78	4.09E-03	6.10E-04	1.35E-06	0.00470	1.35	0.00190	0.00660
DC1_0259 (DC)	566000.67	4222357.78	4.06E-03	8.50E-04	1.35E-06	0.00491	1.35	0.00218	0.00709
DC1_0305 (DC)	566030.67	4222347.78	4.01E-03	1.16E-03	1.34E-06	0.00517	1.34	0.00254	0.00771
DC1_0144 (DC)	565940.67	4222367.78	4.05E-03	6.70E-04	1.34E-06	0.00472	1.34	0.00197	0.00669
DC1_0070 (DC)	565890.67	4222377.78	4.05E-03	6.20E-04	1.34E-06	0.00467	1.34	0.00191	0.00658
DC1_0240 (DC)	565990.67	4222357.78	4.03E-03	8.00E-04	1.34E-06	0.00483	1.34	0.00212	0.00695
DC1_0029 (DC)	565850.67	4222387.78	4.04E-03	5.90E-04	1.33E-06	0.00463	1.33	0.00187	0.00650
DC1_0127 (DC)	565930.67	4222367.78	4.02E-03	6.60E-04	1.33E-06	0.00468	1.33	0.00194	0.00662
DC1_0220 (DC)	565980.67	4222357.78	4.00E-03	7.60E-04	1.33E-06	0.00476	1.33	0.00206	0.00682
DC1_0058 (DC)	565880.67	4222377.78	4.00E-03	6.10E-04	1.32E-06	0.00461	1.32	0.00188	0.00649
DC1_0291 (DC)	566020.67	4222347.78	3.96E-03	1.01E-03	1.32E-06	0.00497	1.32	0.00234	0.00731
DC1_0111 (DC)	565920.67	4222367.78	3.98E-03	6.40E-04	1.32E-06	0.00462	1.32	0.00191	0.00653
DC1_0200 (DC)	565970.67	4222357.78	3.97E-03	7.30E-04	1.32E-06	0.00470	1.32	0.00201	0.00671
DC1_0047 (DC)	565870.67	4222377.78	3.96E-03	5.90E-04	1.31E-06	0.00455	1.31	0.00185	0.00640
DC1_0096 (DC)	565910.67	4222367.78	3.95E-03	6.20E-04	1.31E-06	0.00457	1.31	0.00188	0.00645
DC1_0180 (DC)	565960.67	4222357.78	3.94E-03	7.00E-04	1.31E-06	0.00464	1.31	0.00197	0.00661
DC1_0275 (DC)	566010.67	4222347.78	3.92E-03	9.10E-04	1.31E-06	0.00483	1.31	0.00221	0.00704
DC1_0304 (DC)	566030.67	4222337.78	3.86E-03	1.24E-03	1.30E-06	0.00510	1.30	0.00259	0.00769
DC1_0082 (DC)	565900.67	4222367.78	3.91E-03	6.10E-04	1.29E-06	0.00452	1.29	0.00185	0.00637
DC1_0037 (DC)	565860.67	4222377.78	3.91E-03	5.80E-04	1.29E-06	0.00449	1.29	0.00182	0.00631
DC1_0161 (DC)	565950.67	4222357.78	3.90E-03	6.70E-04	1.29E-06	0.00457	1.29	0.00193	0.00650
DC1_0258 (DC)	566000.67	4222347.78	3.88E-03	8.40E-04	1.29E-06	0.00472	1.29	0.00212	0.00684
DC1_0143 (DC)	565940.67	4222357.78	3.87E-03	6.50E-04	1.28E-06	0.00452	1.28	0.00189	0.00641
DC1_0069 (DC)	565890.67	4222367.78	3.87E-03	5.90E-04	1.28E-06	0.00446	1.28	0.00183	0.00629
DC1_0239 (DC)	565990.67	4222347.78	3.85E-03	7.80E-04	1.28E-06	0.00463	1.28	0.00205	0.00668
DC1_0126 (DC)	565930.67	4222357.78	3.84E-03	6.30E-04	1.27E-06	0.00447	1.27	0.00186	0.00633
DC1_0219 (DC)	565980.67	4222347.78	3.82E-03	7.40E-04	1.27E-06	0.00456	1.27	0.00199	0.00655
DC1_0290 (DC)	566020.67	4222337.78	3.79E-03	1.03E-03	1.27E-06	0.00482	1.27	0.00232	0.00714
DC1_0057 (DC)	565880.67	4222367.78	3.83E-03	5.80E-04	1.27E-06	0.00441	1.27	0.00180	0.00621
DC1_0110 (DC)	565920.67	4222357.78	3.81E-03	6.10E-04	1.26E-06	0.00442	1.26	0.00183	0.00625
DC1_0199 (DC)	565970.67	4222347.78	3.79E-03	7.00E-04	1.26E-06	0.00449	1.26	0.00194	0.00643
DC1_0046 (DC)	565870.67	4222367.78	3.79E-03	5.70E-04	1.25E-06	0.00436	1.25	0.00177	0.00613
DC1_0095 (DC)	565910.67	4222357.78	3.77E-03	6.00E-04	1.25E-06	0.00437	1.25	0.00180	0.00617
DC1_0274 (DC)	566010.67	4222337.78	3.74E-03	9.10E-04	1.25E-06	0.00465	1.25	0.00217	0.00682
DC1_0179 (DC)	565960.67	4222347.78	3.76E-03	6.70E-04	1.25E-06	0.00443	1.25	0.00189	0.00632
DC1_0303 (DC)	566030.67	4222327.78	3.69E-03	1.20E-03	1.24E-06	0.00489	1.24	0.00250	0.00739
DC1_0081 (DC)	565900.67	4222357.78	3.74E-03	5.80E-04	1.24E-06	0.00432	1.24	0.00178	0.00610
DC1_0160 (DC)	565950.67	4222347.78	3.73E-03	6.50E-04	1.24E-06	0.00438	1.24	0.00185	0.00623
DC1_0257 (DC)	566000.67	4222337.78	3.71E-03	8.30E-04	1.23E-06	0.00454	1.23	0.00206	0.00660
DC1_0142 (DC)	565940.67	4222347.78	3.70E-03	6.20E-04	1.22E-06	0.00432	1.22	0.00181	0.00613
DC1_0068 (DC)	565890.67	4222357.78	3.70E-03	5.70E-04	1.22E-06	0.00427	1.22	0.00175	0.00602
DC1_0238 (DC)	565990.67	4222337.78	3.68E-03	7.70E-04	1.22E-06	0.00445	1.22	0.00198	0.00643
DC1_0289 (DC)	566020.67	4222327.78	3.64E-03	1.07E-03	1.22E-06	0.00471	1.22	0.00233	0.00704
DC1_0125 (DC)	565930.67	4222347.78	3.67E-03	6.00E-04	1.21E-06	0.00427	1.21	0.00178	0.00605
DC1_0056 (DC)	565880.67	4222357.78	3.67E-03	5.60E-04	1.21E-06	0.00423	1.21	0.00173	0.00596
DC1_0218 (DC)	565980.67	4222337.78	3.65E-03	7.20E-04	1.21E-06	0.00437	1.21	0.00192	0.00629
DC1_0109 (DC)	565920.67	4222347.78	3.64E-03	5.90E-04	1.20E-06	0.00423	1.20	0.00175	0.00598
DC1_0198 (DC)	565970.67	4222337.78	3.62E-03	6.80E-04	1.20E-06	0.00430	1.20	0.00186	0.00616
DC1_0273 (DC)	566010.67	4222327.78	3.58E-03	9.20E-04	1.19E-06	0.00450	1.19	0.00214	0.00664
DC1_0094 (DC)	565910.67	4222347.78	3.61E-03	5.70E-04	1.19E-06	0.00418	1.19	0.00173	0.00591
DC1_0178 (DC)	565960.67	4222337.78	3.59E-03	6.50E-04	1.19E-06	0.00424	1.19	0.00182	0.00606
DC1_0080 (DC)	565900.67	4222347.78	3.58E-03	5.60E-04	1.18E-06	0.00414	1.18	0.00170	0.00584
DC1_0159 (DC)	565950.67	4222337.78	3.57E-03	6.20E-04	1.18E-06	0.00419	1.18	0.00178	0.00597
DC1_0256 (DC)	566000.67	4222327.78	3.55E-03	8.30E-04	1.18E-06	0.00438	1.18	0.00201	0.00639
DC1_0288 (DC)	566020.67	4222317.78	3.50E-03	1.14E-03	1.17E-06	0.00464	1.17	0.00237	0.00701
DC1_0067 (DC)	565890.67	4222347.78	3.55E-03	5.50E-04	1.17E-06	0.00410	1.17	0.00168	0.00578
DC1_0141 (DC)	565940.67	4222337.78	3.54E-03	6.00E-04	1.17E-06	0.00414	1.17	0.00174	0.00588
DC1_0237 (DC)	565990.67	4222327.78	3.52E-03	7.60E-04	1.17E-06	0.00428	1.17	0.00192	0.00620
DC1_0124 (DC)	565930.67	4222337.78	3.51E-03	5.80E-04	1.16E-06	0.00409	1.16	0.00171	0.00580
DC1_0217 (DC)	565980.67	4222327.78	3.49E-03	7.00E-04	1.16E-06	0.00419	1.16	0.00185	0.00604
DC1_0108 (DC)	565920.67	4222337.78	3.48E-03	5.60E-04	1.15E-06	0.00404	1.15	0.00168	0.00572
DC1_0197 (DC)	565970.67	4222327.78	3.47E-03	6.60E-04	1.15E-06	0.00413	1.15	0.00179	0.00592
DC1_0272 (DC)	566010.67	4222317.78	3.44E-03	9.40E-04	1.15E-06	0.00438	1.15	0.00212	0.00650
DC1_0093 (DC)	565910.67	4222337.78	3.45E-03	5.50E-04	1.14E-06	0.00400	1.14	0.00166	0.00566
DC1_0177 (DC)	565960.67	4222327.78	3.44E-03	6.30E-04	1.14E-06	0.00407	1.14	0.00175	0.00582
DC1_0079 (DC)	565900.67	4222337.78	3.43E-03	5.40E-04	1.13E-06	0.00397	1.13	0.00164	0.00561
DC1_0255 (DC)	566000.67	4222317.78	3.40E-03	8.30E-04	1.13E-06	0.00423	1.13	0.00197	0.00620
DC1_0158 (DC)	565950.67	4222327.78	3.41E-03	6.00E-04	1.13E-06	0.00401	1.13	0.00171	0.00572
DC1_0140 (DC)	565940.67	4222327.78	3.39E-03	5.80E-04	1.12E-06	0.00397	1.12	0.00167	0.00564
DC1_0236 (DC)	565990.67	4222317.78	3.37E-03	7.50E-04	1.12E-06	0.00412	1.12	0.00187	0.00599
DC1_0123 (DC)	565930.67	4222327.78	3.36E-03	5.60E-04	1.11E-06	0.00392	1.11	0.00164	0.00556
DC1_0287 (DC)	566020.67	4222307.78	3.32E-03	9.40E-04	1.11E-06	0.00426	1.11	0.00208	0.00634
DC1_0216 (DC)	565980.67	4222317.78	3.34E-03	6.90E-04	1.11E-06	0.00403	1.11	0.00179	0.00582
DC1_0107 (DC)	565920.67	4222327.78	3.34E-03	5.40E-04	1.10E-06	0.00388	1.10	0.00162	0.00550
DC1_0271 (DC)	566010.67	4222307.78	3.30E-03	9.70E-04	1.10E-06	0.00427	1.10	0.00211	0.00638
DC1_0196 (DC)	565970.67	4222317.78	3.32E-03	6.40E-04	1.10E-0				

DC1_0139 (DC)	565940.67	4222317.78	3.25E-03	5.50E-04	1.08E-06	0.00380	1.08	0.00161	0.00541
DC1_0235 (DC)	565990.67	4222307.78	3.23E-03	7.30E-04	1.07E-06	0.00396	1.07	0.00181	0.00577
DC1_0270 (DC)	566010.67	4222297.78	3.18E-03	1.01E-03	1.07E-06	0.00419	1.07	0.00212	0.00631
DC1_0122 (DC)	565930.67	4222317.78	3.22E-03	5.40E-04	1.07E-06	0.00376	1.07	0.00158	0.00534
DC1_0215 (DC)	565980.67	4222307.78	3.20E-03	6.70E-04	1.06E-06	0.00387	1.06	0.00172	0.00559
DC1_0106 (DC)	565920.67	4222317.78	3.20E-03	5.20E-04	1.06E-06	0.00372	1.06	0.00155	0.00527
DC1_0195 (DC)	565970.67	4222307.78	3.18E-03	6.20E-04	1.06E-06	0.00380	1.06	0.00166	0.00546
DC1_0175 (DC)	565960.67	4222307.78	3.16E-03	5.80E-04	1.05E-06	0.00374	1.05	0.00161	0.00535
DC1_0253 (DC)	566000.67	4222297.78	3.13E-03	8.20E-04	1.04E-06	0.00395	1.04	0.00189	0.00584
DC1_0156 (DC)	565950.67	4222307.78	3.13E-03	5.60E-04	1.04E-06	0.00369	1.04	0.00158	0.00527
DC1_0138 (DC)	565940.67	4222307.78	3.11E-03	5.30E-04	1.03E-06	0.00364	1.03	0.00154	0.00518
DC1_0234 (DC)	565990.67	4222297.78	3.09E-03	7.10E-04	1.03E-06	0.00380	1.03	0.00175	0.00555
DC1_0121 (DC)	565930.67	4222307.78	3.09E-03	5.20E-04	1.02E-06	0.00361	1.02	0.00152	0.00513
DC1_0214 (DC)	565980.67	4222297.78	3.07E-03	6.40E-04	1.02E-06	0.00371	1.02	0.00166	0.00537
DC1_0194 (DC)	565970.67	4222297.78	3.05E-03	5.90E-04	1.01E-06	0.00364	1.01	0.00160	0.00524
DC1_0174 (DC)	565960.67	4222297.78	3.03E-03	5.60E-04	1.00E-06	0.00359	1.00	0.00155	0.00514
DC1_0252 (DC)	566000.67	4222287.78	3.00E-03	8.00E-04	1.00E-06	0.00380	1.00	0.00182	0.00562
DC1_0155 (DC)	565950.67	4222297.78	3.01E-03	5.30E-04	9.97E-07	0.00354	1.00	0.00151	0.00505
DC1_0137 (DC)	565940.67	4222297.78	2.99E-03	5.10E-04	9.90E-07	0.00350	0.99	0.00148	0.00498
DC1_0233 (DC)	565990.67	4222287.78	2.97E-03	6.80E-04	9.88E-07	0.00365	0.99	0.00167	0.00532
DC1_0213 (DC)	565980.67	4222287.78	2.94E-03	6.10E-04	9.77E-07	0.00355	0.98	0.00159	0.00514
DC1_0193 (DC)	565970.67	4222287.78	2.92E-03	5.70E-04	9.69E-07	0.00349	0.97	0.00153	0.00502
DC1_0173 (DC)	565960.67	4222287.78	2.91E-03	5.40E-04	9.65E-07	0.00345	0.96	0.00149	0.00494
DC1_0154 (DC)	565950.67	4222287.78	2.89E-03	5.10E-04	9.57E-07	0.00340	0.96	0.00145	0.00485
DC1_0251 (DC)	566000.67	4222277.78	2.86E-03	7.40E-04	9.54E-07	0.00360	0.95	0.00170	0.00530
DC1_0232 (DC)	565990.67	4222277.78	2.84E-03	6.40E-04	9.45E-07	0.00348	0.94	0.00159	0.00507
DC1_0212 (DC)	565980.67	4222277.78	2.82E-03	5.80E-04	9.37E-07	0.00340	0.94	0.00151	0.00491
DC1_0192 (DC)	565970.67	4222277.78	2.81E-03	5.40E-04	9.32E-07	0.00335	0.93	0.00146	0.00481
DC1_0172 (DC)	565960.67	4222277.78	2.79E-03	5.10E-04	9.25E-07	0.00330	0.92	0.00143	0.00473
DC1_0231 (DC)	565990.67	4222267.78	2.72E-03	5.90E-04	9.04E-07	0.00331	0.90	0.00149	0.00480
DC1_0211 (DC)	565980.67	4222267.78	2.71E-03	5.50E-04	9.00E-07	0.00326	0.90	0.00144	0.00470
DC1_0191 (DC)	565970.67	4222267.78	2.70E-03	5.10E-04	8.95E-07	0.00321	0.90	0.00140	0.00461
DC3_0001 (DC)	566237.43	4222236.82	2.31E-03	3.20E-04	7.63E-07	0.00263	0.76	0.00108	0.00371
Off-site Elementary School Receptors									
ES1_0155 (ES)	566345.91	4222722.01	2.98E-01	6.67E-03	1.77E-05	0.30440	17.70	0.11929	0.42369
ES1_0141 (ES)	566335.91	4222732.01	2.93E-01	7.56E-03	1.75E-05	0.30100	17.45	0.11799	0.41899
ES1_0127 (ES)	566325.91	4222742.01	2.86E-01	8.63E-03	1.70E-05	0.29446	17.00	0.11545	0.40991
ES1_0113 (ES)	566315.91	4222752.01	2.78E-01	1.02E-02	1.65E-05	0.28778	16.52	0.11285	0.40063
ES1_0099 (ES)	566305.91	4222762.01	2.65E-01	1.26E-02	1.58E-05	0.27768	15.80	0.10891	0.38659
ES1_0169 (ES)	566355.91	4222722.01	2.55E-01	5.98E-03	1.52E-05	0.26145	15.19	0.10242	0.36387
ES1_0156 (ES)	566345.91	4222732.01	2.53E-01	6.78E-03	1.50E-05	0.25963	15.04	0.10173	0.36136
ES1_0142 (ES)	566335.91	4222742.01	2.45E-01	7.68E-03	1.46E-05	0.25300	14.60	0.09916	0.35216
ES1_0085 (ES)	566295.91	4222772.01	2.40E-01	1.62E-02	1.43E-05	0.25623	14.32	0.10053	0.35676
ES1_0128 (ES)	566325.91	4222752.01	2.37E-01	8.91E-03	1.41E-05	0.24634	14.13	0.09657	0.34291
ES1_0114 (ES)	566315.91	4222762.01	2.29E-01	1.08E-02	1.36E-05	0.23978	13.64	0.09401	0.33379
ES1_0170 (ES)	566355.91	4222732.01	2.20E-01	6.13E-03	1.31E-05	0.22634	13.10	0.08866	0.31500
ES1_0100 (ES)	566305.91	4222772.01	2.15E-01	1.36E-02	1.28E-05	0.22873	12.84	0.08969	0.31842
ES1_0157 (ES)	566345.91	4222742.01	2.15E-01	6.93E-03	1.28E-05	0.22230	12.82	0.08710	0.30940
ES1_0143 (ES)	566335.91	4222752.01	2.08E-01	7.92E-03	1.24E-05	0.21591	12.38	0.08462	0.30053
ES1_0129 (ES)	566325.91	4222762.01	2.02E-01	9.37E-03	1.20E-05	0.21099	12.01	0.08270	0.29369
ES1_0071 (ES)	566285.91	4222782.01	1.93E-01	2.21E-02	1.15E-05	0.21480	11.55	0.08435	0.29915
ES1_0115 (ES)	566315.91	4222772.01	1.93E-01	1.15E-02	1.15E-05	0.20422	11.49	0.08006	0.28428
ES1_0182 (ES)	566365.91	4222732.01	1.93E-01	5.56E-03	1.15E-05	0.19851	11.48	0.07775	0.27626
ES1_0171 (ES)	566355.91	4222742.01	1.91E-01	6.30E-03	1.13E-05	0.19701	11.35	0.07718	0.27419
ES1_0086 (ES)	566295.91	4222782.01	1.85E-01	1.78E-02	1.11E-05	0.20329	11.09	0.07976	0.28305
ES1_0158 (ES)	566345.91	4222752.01	1.86E-01	7.14E-03	1.11E-05	0.19322	11.08	0.07571	0.26893
ES1_0144 (ES)	566335.91	4222762.01	1.80E-01	8.27E-03	1.07E-05	0.18839	10.73	0.07383	0.26222
ES1_0101 (ES)	566305.91	4222782.01	1.75E-01	1.48E-02	1.04E-05	0.18944	10.44	0.07428	0.26372
ES1_0130 (ES)	566325.91	4222772.01	1.74E-01	9.96E-03	1.04E-05	0.18377	10.36	0.07203	0.25580
ES1_0183 (ES)	566365.91	4222742.01	1.70E-01	5.72E-03	1.01E-05	0.17606	10.14	0.06896	0.24502
ES1_0172 (ES)	566355.91	4222752.01	1.68E-01	6.49E-03	1.00E-05	0.17464	10.01	0.06842	0.24306
ES1_0159 (ES)	566345.91	4222762.01	1.64E-01	7.43E-03	9.76E-06	0.17136	9.76	0.06714	0.23850
ES1_0116 (ES)	566315.91	4222782.01	1.61E-01	1.24E-02	9.63E-06	0.17363	9.63	0.06807	0.24170
ES1_0145 (ES)	566335.91	4222772.01	1.58E-01	8.73E-03	9.44E-06	0.16703	9.44	0.06546	0.23249
ES1_0193 (ES)	566375.91	4222742.01	1.53E-01	5.19E-03	9.10E-06	0.15802	9.10	0.06188	0.21990
ES1_0184 (ES)	566365.91	4222752.01	1.53E-01	5.90E-03	9.09E-06	0.15865	9.09	0.06214	0.22079
ES1_0173 (ES)	566355.91	4222762.01	1.50E-01	6.71E-03	8.94E-06	0.15688	8.94	0.06146	0.21834
ES1_0131 (ES)	566325.91	4222782.01	1.49E-01	1.06E-02	8.90E-06	0.15967	8.90	0.06258	0.22225
ES1_0072 (ES)	566285.91	4222792.01	1.44E-01	2.41E-02	8.69E-06	0.16861	8.69	0.06618	0.23479
ES1_0087 (ES)	566295.91	4222792.01	1.45E-01	1.94E-02	8.69E-06	0.16419	8.69	0.06441	0.22860
ES1_0160 (ES)	566345.91	4222772.01	1.46E-01	7.78E-03	8.69E-06	0.15351	8.69	0.06015	0.21366
ES1_0102 (ES)	566305.91	4222792.01	1.41E-01	1.59E-02	8.45E-06	0.15690	8.45	0.06152	0.21842
ES1_0057 (ES)	566275.91	4222792.01	1.37E-01	3.06E-02	8.29E-06	0.16775	8.29	0.06594	0.23369
ES1_0146 (ES)	566335.91	4222782.01	1.38E-01	9.26E-03	8.25E-06	0.14753	8.25	0.05782	0.20535
ES1_0194 (ES)	566375.91	4222752.01	1.39E-01	5.35E-03	8.25E-06	0.14392	8.25	0.05637	0.20029
ES1_0185 (ES)	566365.91	4222762.01	1.38E-01	6.09E-03	8.21E-06	0.14397	8.21	0.05640	0.20037
ES1_0117 (ES)	566315.91	4222792.01	1.34E-01	1.33E-02	8.03E-06	0.14753	8.03	0.05784	0.20537
ES1_0174 (ES)	566355.91	4222772.01	1.35E-01	6.98E-03	8.03E-06	0.14171	8.03	0.05552	0.19723
ES1_0161 (ES)	566345.91	4222782.01	1.29E-01	8.18E-03	7.68E-06	0.13697	7.68	0.05367	0.19064
ES1_0132 (ES)	566325.91	4222792.01	1.27E-01	1.13E-02	7.61E-06	0.13857	7.61	0.05432	0.19289
ES1_0202 (ES)	566385.91	4222752.01	1.26E-01	4.87E-03	7.53E-06	0.13128	7.53	0.05141	0.18269
ES1_0195 (ES)	566375.91	4222762.01	1.26E-01	5.52E-03	7.52E-06	0.13179	7.52	0.05162	0.18341
ES1_0186 (ES)	566365.91	4222772.01	1.25E-01	6.30E-03	7.43E-06	0.13102	7.43	0.05133	0.18235
ES1_0147 (ES)	566335.91	4222792.01	1.20E-01	9.82E-03	7.19E-06	0.13011	7.19	0.05099	0.18110
ES1_0175 (ES)	566355.91	4222782.01	1.20E-01	7.29E-03	7.17E-06	0.12749	7.17	0.04995	0.17744
ES1_0203 (ES)	566385.91	4222762.01	1.16E-01	5.02E-03	6.91E-06	0.12097	6.91	0.04738	0.16835
ES1_0196 (ES)	566375.91	4222772.01	1.15E-01	5.69E-03	6.86E-06	0.12082	6.86	0.04733	0.16815
ES1_0162 (ES)	566345.91	4222792.01	1.14E-01	8.61E-03	6.78E-06	0.12213	6.78	0.04786	0.16999
ES1_0103 (ES)	566305.91	4222802.01	1.12E-01	1.69E-02	6.71E-06	0.12847	6.71	0.05038	0.17885
ES1_0187 (ES)	566365.91	4222782.01	1.12E-01	6.54E-03	6.69E-06	0.11875	6.69	0.04653	0.16528
ES1_0088 (ES)	566295.91	4222802.01	1.11E-01	2.04E-02	6.68E-06	0.13127	6.68	0.05150	0.18277
ES1_0118 (ES)	566315.91	4222802.01	1.10E-01	1.41E-02	6.60E-06	0.12406	6.60	0.04864	0.17270
ES1_0073 (ES)	566285.91	4222802.01	1.07E-01	2.53E-02	6.47E-06	0.13210	6.47	0.05185	0.18395
ES1_0133 (ES)	566325.91	4222802.01	1.07E-01	1.20E-02	6.41E-06				

ES1_0148 (ES)	566335.91	4222802.01	1.03E-01	1.03E-02	6.18E-06	0.11369	6.18	0.04456	0.15825
ES1_0188 (ES)	566365.91	4222792.01	1.01E-01	6.82E-03	6.03E-06	0.10780	6.03	0.04224	0.15004
ES1_0058 (ES)	566275.91	4222802.01	9.82E-02	3.17E-02	5.98E-06	0.12988	5.98	0.05103	0.18091
ES1_0163 (ES)	566345.91	4222802.01	9.91E-02	9.02E-03	5.92E-06	0.10810	5.92	0.04237	0.15047
ES1_0210 (ES)	566395.91	4222772.01	9.82E-02	4.72E-03	5.85E-06	0.10294	5.85	0.04033	0.14327
ES1_0205 (ES)	566385.91	4222782.01	9.73E-02	5.34E-03	5.80E-06	0.10268	5.80	0.04023	0.14291
ES1_0198 (ES)	566375.91	4222792.01	9.49E-02	6.11E-03	5.66E-06	0.10105	5.66	0.03959	0.14064
ES1_0177 (ES)	566355.91	4222802.01	9.47E-02	7.96E-03	5.66E-06	0.10267	5.66	0.04023	0.14290
ES1_0214 (ES)	566405.91	4222772.01	9.11E-02	4.32E-03	5.43E-06	0.09538	5.43	0.03737	0.13275
ES1_0211 (ES)	566395.91	4222782.01	9.08E-02	4.87E-03	5.41E-06	0.09568	5.41	0.03748	0.13316
ES1_0043 (ES)	566265.91	4222802.01	8.76E-02	4.13E-02	5.41E-06	0.12896	5.41	0.05074	0.17970
ES1_0189 (ES)	566365.91	4222802.01	9.03E-02	7.09E-03	5.39E-06	0.09740	5.39	0.03817	0.13557
ES1_0119 (ES)	566315.91	4222812.01	8.93E-02	1.46E-02	5.37E-06	0.10392	5.37	0.04076	0.14468
ES1_0134 (ES)	566325.91	4222812.01	8.93E-02	1.25E-02	5.36E-06	0.10174	5.36	0.03990	0.14164
ES1_0206 (ES)	566385.91	4222792.01	8.93E-02	5.53E-03	5.32E-06	0.09478	5.32	0.03714	0.13192
ES1_0104 (ES)	566305.91	4222812.01	8.79E-02	1.73E-02	5.30E-06	0.10521	5.30	0.04128	0.14649
ES1_0149 (ES)	566335.91	4222812.01	8.80E-02	1.08E-02	5.28E-06	0.09883	5.28	0.03875	0.13758
ES1_0089 (ES)	566295.91	4222812.01	8.49E-02	2.08E-02	5.14E-06	0.10576	5.14	0.04151	0.14727
ES1_0164 (ES)	566345.91	4222812.01	8.58E-02	9.43E-03	5.14E-06	0.09519	5.14	0.03732	0.13251
ES1_0199 (ES)	566375.91	4222802.01	8.59E-02	6.36E-03	5.13E-06	0.09223	5.13	0.03615	0.12838
ES1_0215 (ES)	566405.91	4222782.01	8.49E-02	4.47E-03	5.06E-06	0.08939	5.06	0.03503	0.12442
ES1_0212 (ES)	566395.91	4222792.01	8.39E-02	5.04E-03	5.01E-06	0.08897	5.01	0.03487	0.12384
ES1_0178 (ES)	566355.91	4222812.01	8.31E-02	8.31E-03	4.97E-06	0.09143	4.97	0.03584	0.12727
ES1_0074 (ES)	566285.91	4222812.01	8.00E-02	2.53E-02	4.87E-06	0.10528	4.87	0.04134	0.14662
ES1_0207 (ES)	566385.91	4222802.01	8.15E-02	5.75E-03	4.87E-06	0.08729	4.87	0.03421	0.12150
ES1_0190 (ES)	566365.91	4222812.01	8.02E-02	7.36E-03	4.80E-06	0.08760	4.80	0.03434	0.12194
ES1_0217 (ES)	566415.91	4222782.01	7.94E-02	4.12E-03	4.73E-06	0.08351	4.73	0.03272	0.11623
ES1_0216 (ES)	566405.91	4222792.01	7.91E-02	4.62E-03	4.71E-06	0.08368	4.71	0.03279	0.11647
ES1_0213 (ES)	566395.91	4222802.01	7.73E-02	5.23E-03	4.62E-06	0.08257	4.62	0.03236	0.11493
ES1_0200 (ES)	566375.91	4222812.01	7.72E-02	6.60E-03	4.61E-06	0.08379	4.61	0.03285	0.11664
ES1_0059 (ES)	566275.91	4222812.01	7.36E-02	3.07E-02	4.52E-06	0.10430	4.52	0.04098	0.14528
ES1_0150 (ES)	566335.91	4222822.01	7.45E-02	1.12E-02	4.48E-06	0.08567	4.48	0.03361	0.11928
ES1_0135 (ES)	566325.91	4222822.01	7.43E-02	1.28E-02	4.47E-06	0.08709	4.47	0.03417	0.12126
ES1_0165 (ES)	566345.91	4222822.01	7.38E-02	9.74E-03	4.43E-06	0.08352	4.43	0.03276	0.11628
ES1_0208 (ES)	566385.91	4222812.01	7.41E-02	5.95E-03	4.43E-06	0.08002	4.43	0.03137	0.11139
ES1_0120 (ES)	566315.91	4222822.01	7.29E-02	1.49E-02	4.40E-06	0.08782	4.40	0.03447	0.12229
ES1_0179 (ES)	566355.91	4222822.01	7.25E-02	8.59E-03	4.35E-06	0.08110	4.35	0.03181	0.11291
ES1_0044 (ES)	566265.91	4222812.01	6.92E-02	3.78E-02	4.30E-06	0.10701	4.30	0.04209	0.14910
ES1_0031 (ES)	566255.91	4222812.01	6.80E-02	4.70E-02	4.27E-06	0.11499	4.27	0.04525	0.16024
ES1_0105 (ES)	566305.91	4222822.01	7.04E-02	1.75E-02	4.26E-06	0.08780	4.26	0.03447	0.12227
ES1_0191 (ES)	566365.91	4222822.01	7.09E-02	7.63E-03	4.24E-06	0.07849	4.24	0.03079	0.10928
ES1_0201 (ES)	566375.91	4222822.01	6.90E-02	6.84E-03	4.13E-06	0.07582	4.13	0.02974	0.10556
ES1_0090 (ES)	566295.91	4222822.01	6.69E-02	2.06E-02	4.07E-06	0.08751	4.07	0.03437	0.12188
ES1_0075 (ES)	566285.91	4222822.01	6.29E-02	2.43E-02	3.85E-06	0.08713	3.85	0.03424	0.12137
ES1_0166 (ES)	566345.91	4222832.01	6.33E-02	9.97E-03	3.80E-06	0.07322	3.80	0.02875	0.10197
ES1_0151 (ES)	566335.91	4222832.01	6.30E-02	1.14E-02	3.79E-06	0.07434	3.79	0.02919	0.10353
ES1_0180 (ES)	566355.91	4222832.01	6.30E-02	8.82E-03	3.78E-06	0.07179	3.78	0.02818	0.09997
ES1_0021 (ES)	566245.91	4222822.01	5.92E-02	4.75E-02	3.75E-06	0.10661	3.75	0.04202	0.14863
ES1_0136 (ES)	566325.91	4222832.01	6.19E-02	1.30E-02	3.74E-06	0.07491	3.74	0.02942	0.10433
ES1_0192 (ES)	566365.91	4222832.01	6.23E-02	7.86E-03	3.73E-06	0.07014	3.73	0.02753	0.09767
ES1_0060 (ES)	566275.91	4222822.01	5.90E-02	2.84E-02	3.64E-06	0.08737	3.64	0.03436	0.12173
ES1_0121 (ES)	566315.91	4222832.01	6.01E-02	1.49E-02	3.64E-06	0.07499	3.64	0.02946	0.10445
ES1_0032 (ES)	566255.91	4222822.01	5.77E-02	3.98E-02	3.62E-06	0.09746	3.62	0.03838	0.13584
ES1_0045 (ES)	566265.91	4222822.01	5.74E-02	3.35E-02	3.57E-06	0.09088	3.57	0.03577	0.12665
ES1_0106 (ES)	566305.91	4222832.01	5.75E-02	1.72E-02	3.50E-06	0.07467	3.50	0.02934	0.10401
ES1_0091 (ES)	566295.91	4222832.01	5.46E-02	1.98E-02	3.34E-06	0.07434	3.34	0.02923	0.10357
ES1_0013 (ES)	566235.91	4222832.01	5.17E-02	4.63E-02	3.30E-06	0.09797	3.30	0.03871	0.13668
ES1_0181 (ES)	566355.91	4222842.01	5.46E-02	8.96E-03	3.28E-06	0.06351	3.28	0.02496	0.08847
ES1_0167 (ES)	566345.91	4222842.01	5.42E-02	1.01E-02	3.27E-06	0.06425	3.27	0.02525	0.08950
ES1_0152 (ES)	566335.91	4222842.01	5.34E-02	1.14E-02	3.22E-06	0.06471	3.22	0.02544	0.09015
ES1_0022 (ES)	566245.91	4222832.01	5.05E-02	3.95E-02	3.19E-06	0.09003	3.19	0.03553	0.12556
ES1_0076 (ES)	566285.91	4222832.01	5.17E-02	2.26E-02	3.18E-06	0.07435	3.18	0.02925	0.10360
ES1_0137 (ES)	566325.91	4222842.01	5.20E-02	1.29E-02	3.15E-06	0.06484	3.15	0.02550	0.09034
ES1_0033 (ES)	566255.91	4222832.01	4.95E-02	3.38E-02	3.10E-06	0.08323	3.10	0.03282	0.11605
ES1_0061 (ES)	566275.91	4222832.01	4.95E-02	2.57E-02	3.07E-06	0.07520	3.07	0.02961	0.10481
ES1_0046 (ES)	566265.91	4222832.01	4.90E-02	2.94E-02	3.05E-06	0.07837	3.05	0.03088	0.10925
ES1_0122 (ES)	566315.91	4222842.01	5.02E-02	1.46E-02	3.05E-06	0.06470	3.05	0.02546	0.09016
ES1_0107 (ES)	566305.91	4222842.01	4.80E-02	1.65E-02	2.93E-06	0.06443	2.93	0.02536	0.08979
ES1_0007 (ES)	566225.91	4222842.01	4.48E-02	4.35E-02	2.88E-06	0.08828	2.88	0.03503	0.12331
ES1_0168 (ES)	566345.91	4222852.01	4.66E-02	1.00E-02	2.81E-06	0.05658	2.81	0.02227	0.07885
ES1_0092 (ES)	566295.91	4222842.01	4.58E-02	1.86E-02	2.81E-06	0.06431	2.81	0.02533	0.08964
ES1_0014 (ES)	566235.91	4222842.01	4.42E-02	3.78E-02	2.81E-06	0.08192	2.81	0.03244	0.11436
ES1_0153 (ES)	566335.91	4222852.01	4.54E-02	1.12E-02	2.75E-06	0.05661	2.75	0.02229	0.07890
ES1_0023 (ES)	566245.91	4222842.01	4.35E-02	3.31E-02	2.75E-06	0.07660	2.75	0.03030	0.10690
ES1_0077 (ES)	566285.91	4222842.01	4.39E-02	2.08E-02	2.71E-06	0.06465	2.71	0.02548	0.09013
ES1_0034 (ES)	566255.91	4222842.01	4.28E-02	2.92E-02	2.69E-06	0.07199	2.69	0.02845	0.10044
ES1_0138 (ES)	566325.91	4222852.01	4.40E-02	1.25E-02	2.67E-06	0.05649	2.67	0.02226	0.07875
ES1_0047 (ES)	566265.91	4222842.01	4.24E-02	2.58E-02	2.65E-06	0.06828	2.65	0.02695	0.09523
ES1_0062 (ES)	566275.91	4222842.01	4.26E-02	2.31E-02	2.64E-06	0.06567	2.64	0.02591	0.09158
ES1_0123 (ES)	566315.91	4222852.01	4.24E-02	1.39E-02	2.58E-06	0.05629	2.58	0.02219	0.07848
ES1_0108 (ES)	566305.91	4222852.01	4.06E-02	1.55E-02	2.49E-06	0.05610	2.49	0.02213	0.07823
ES1_0003 (ES)	566215.91	4222852.01	3.83E-02	3.81E-02	2.46E-06	0.07638	2.46	0.03055	0.10693
ES1_0008 (ES)	566225.91	4222852.01	3.82E-02	3.40E-02	2.44E-06	0.07219	2.44	0.02878	0.10097
ES1_0015 (ES)	566235.91	4222852.01	3.80E-02	3.06E-02	2.41E-06	0.06862	2.41	0.02728	0.09590
ES1_0093 (ES)	566295.91	4222852.01	3.91E-02	1.71E-02	2.40E-06	0.05619	2.40	0.02218	0.07837
ES1_0024 (ES)	566245.91	4222852.01	3.78E-02	2.78E-02	2.38E-06	0.06554	2.38	0.02601	0.09155
ES1_0154 (ES)	566335.91	4222862.01	3.90E-02	1.08E-02	2.37E-06	0.04979	2.37	0.01964	0.06943
ES1_0035 (ES)	566255.91	4222852.01	3.74E-02	2.51E-02	2.34E-06	0.06243	2.34	0.02474	0.08717
ES1_0078 (ES)	566285.91	4222852.01	3.79E-02	1.88E-02	2.34E-06	0.05669	2.34	0.02239	0.07908
ES1_0048 (ES)	566265.91	4222852.01	3.71E-02	2.26E-02	2.32E-06	0.05975	2.32	0.02364	0.08339
ES1_0063 (ES)	566275.91	4222852.01	3.72E-02	2.05E-02	2.31E-06	0.05771	2.31	0.02281	0.08052
ES1_0139 (ES)	566325.91	4222862.01	3.76E-02	1.19E-02	2.29E-06	0.04954	2.29	0.01955	0.06909
ES1_0124 (ES)	566315.91	4222862.01	3.62E-02	1.31E-02	2.22E-06	0.04931	2.22	0.01948	0.06879
ES1_0109 (ES)	566305.91	4222862.01	3.49E-02	1.43E-02	2.14E-06	0.04919	2.14	0.01945	0.06864
ES1_0094 (ES)	566295.91	4222862.01							

ES1_0004 (ES)	566215.91	4222862.01	3.24E-02	2.75E-02	2.06E-06	0.05995	2.06	0.02420	0.08415
ES1_0036 (ES)	566255.91	4222862.01	3.28E-02	2.13E-02	2.05E-06	0.05405	2.05	0.02150	0.07555
ES1_0079 (ES)	566285.91	4222862.01	3.31E-02	1.68E-02	2.05E-06	0.04993	2.05	0.01977	0.06970
ES1_0001 (ES)	566205.91	4222862.01	3.21E-02	2.82E-02	2.04E-06	0.06029	2.04	0.02456	0.08485
ES1_0049 (ES)	566265.91	4222862.01	3.26E-02	1.96E-02	2.03E-06	0.05226	2.03	0.02075	0.07301
ES1_0064 (ES)	566275.91	4222862.01	3.27E-02	1.81E-02	2.03E-06	0.05079	2.03	0.02014	0.07093
ES1_0140 (ES)	566325.91	4222872.01	3.25E-02	1.12E-02	1.98E-06	0.04371	1.98	0.01729	0.06100
ES1_0125 (ES)	566315.91	4222872.01	3.14E-02	1.21E-02	1.92E-06	0.04350	1.92	0.01722	0.06072
ES1_0110 (ES)	566305.91	4222872.01	3.04E-02	1.30E-02	1.87E-06	0.04339	1.87	0.01720	0.06059
ES1_0095 (ES)	566295.91	4222872.01	2.96E-02	1.40E-02	1.83E-06	0.04360	1.83	0.01730	0.06090
ES1_0080 (ES)	566285.91	4222872.01	2.91E-02	1.49E-02	1.80E-06	0.04404	1.80	0.01750	0.06154
ES1_0026 (ES)	566245.91	4222872.01	2.87E-02	1.89E-02	1.80E-06	0.04758	1.80	0.01910	0.06668
ES1_0037 (ES)	566255.91	4222872.01	2.88E-02	1.79E-02	1.79E-06	0.04660	1.79	0.01863	0.06523
ES1_0050 (ES)	566265.91	4222872.01	2.87E-02	1.68E-02	1.79E-06	0.04557	1.79	0.01817	0.06374
ES1_0065 (ES)	566275.91	4222872.01	2.88E-02	1.58E-02	1.79E-06	0.04465	1.79	0.01778	0.06243
ES1_0017 (ES)	566235.91	4222872.01	2.85E-02	1.95E-02	1.79E-06	0.04800	1.79	0.01935	0.06735
ES1_0010 (ES)	566225.91	4222872.01	2.81E-02	1.99E-02	1.76E-06	0.04791	1.76	0.01944	0.06735
ES1_0005 (ES)	566215.91	4222872.01	2.75E-02	1.96E-02	1.73E-06	0.04714	1.73	0.01930	0.06644
ES1_0002 (ES)	566205.91	4222872.01	2.69E-02	1.84E-02	1.69E-06	0.04524	1.69	0.01881	0.06405
ES1_0126 (ES)	566315.91	4222882.01	2.74E-02	1.11E-02	1.68E-06	0.03848	1.68	0.01529	0.05377
ES1_0111 (ES)	566305.91	4222882.01	2.66E-02	1.18E-02	1.64E-06	0.03839	1.64	0.01527	0.05366
ES1_0096 (ES)	566295.91	4222882.01	2.61E-02	1.24E-02	1.61E-06	0.03851	1.61	0.01535	0.05386
ES1_0081 (ES)	566285.91	4222882.01	2.57E-02	1.31E-02	1.59E-06	0.03876	1.59	0.01548	0.05424
ES1_0066 (ES)	566275.91	4222882.01	2.54E-02	1.37E-02	1.58E-06	0.03906	1.58	0.01563	0.05469
ES1_0051 (ES)	566265.91	4222882.01	2.53E-02	1.42E-02	1.57E-06	0.03947	1.57	0.01584	0.05531
ES1_0038 (ES)	566255.91	4222882.01	2.51E-02	1.47E-02	1.56E-06	0.03983	1.56	0.01604	0.05587
ES1_0027 (ES)	566245.91	4222882.01	2.50E-02	1.51E-02	1.56E-06	0.04004	1.56	0.01621	0.05625
ES1_0018 (ES)	566235.91	4222882.01	2.46E-02	1.51E-02	1.53E-06	0.03969	1.53	0.01619	0.05588
ES1_0011 (ES)	566225.91	4222882.01	2.41E-02	1.47E-02	1.50E-06	0.03879	1.50	0.01600	0.05479
ES1_0006 (ES)	566215.91	4222882.01	2.34E-02	1.39E-02	1.46E-06	0.03730	1.46	0.01563	0.05293
ES1_0112 (ES)	566305.91	4222892.01	2.35E-02	1.05E-02	1.44E-06	0.03398	1.44	0.01358	0.04756
ES1_0097 (ES)	566295.91	4222892.01	2.30E-02	1.10E-02	1.42E-06	0.03399	1.42	0.01361	0.04760
ES1_0082 (ES)	566285.91	4222892.01	2.27E-02	1.13E-02	1.40E-06	0.03402	1.40	0.01367	0.04769
ES1_0067 (ES)	566275.91	4222892.01	2.24E-02	1.16E-02	1.39E-06	0.03402	1.39	0.01372	0.04774
ES1_0052 (ES)	566265.91	4222892.01	2.22E-02	1.19E-02	1.37E-06	0.03402	1.37	0.01377	0.04779
ES1_0039 (ES)	566255.91	4222892.01	2.19E-02	1.20E-02	1.36E-06	0.03387	1.36	0.01379	0.04766
ES1_0028 (ES)	566245.91	4222892.01	2.16E-02	1.19E-02	1.34E-06	0.03351	1.34	0.01375	0.04726
ES1_0019 (ES)	566235.91	4222892.01	2.12E-02	1.16E-02	1.31E-06	0.03274	1.31	0.01358	0.04632
ES1_0012 (ES)	566225.91	4222892.01	2.06E-02	1.10E-02	1.28E-06	0.03161	1.28	0.01334	0.04495
ES1_0098 (ES)	566295.91	4222902.01	2.04E-02	9.57E-03	1.26E-06	0.02996	1.26	0.01208	0.04204
ES1_0083 (ES)	566285.91	4222902.01	2.01E-02	9.75E-03	1.24E-06	0.02981	1.24	0.01207	0.04188
ES1_0068 (ES)	566275.91	4222902.01	1.98E-02	9.84E-03	1.22E-06	0.02959	1.22	0.01205	0.04164
ES1_0053 (ES)	566265.91	4222902.01	1.95E-02	9.84E-03	1.20E-06	0.02929	1.20	0.01200	0.04129
ES1_0040 (ES)	566255.91	4222902.01	1.91E-02	9.71E-03	1.18E-06	0.02883	1.18	0.01191	0.04074
ES1_0029 (ES)	566245.91	4222902.01	1.87E-02	9.45E-03	1.16E-06	0.02819	1.16	0.01179	0.03998
ES1_0020 (ES)	566235.91	4222902.01	1.83E-02	9.05E-03	1.13E-06	0.02735	1.13	0.01166	0.03901
ES1_0084 (ES)	566285.91	4222912.01	1.78E-02	8.34E-03	1.09E-06	0.02609	1.09	0.01067	0.03676
ES1_0069 (ES)	566275.91	4222912.01	1.74E-02	8.28E-03	1.07E-06	0.02568	1.07	0.01059	0.03627
ES1_0054 (ES)	566265.91	4222912.01	1.71E-02	8.14E-03	1.05E-06	0.02520	1.05	0.01049	0.03569
ES1_0041 (ES)	566255.91	4222912.01	1.67E-02	7.93E-03	1.03E-06	0.02463	1.03	0.01039	0.03502
ES1_0030 (ES)	566245.91	4222912.01	1.63E-02	7.65E-03	1.01E-06	0.02395	1.01	0.01032	0.03427
ES1_0070 (ES)	566275.91	4222922.01	1.53E-02	6.97E-03	9.44E-07	0.02229	0.94	0.00935	0.03164
ES1_0055 (ES)	566265.91	4222922.01	1.50E-02	6.80E-03	9.22E-07	0.02177	0.92	0.00927	0.03104
ES1_0042 (ES)	566255.91	4222922.01	1.46E-02	6.61E-03	9.00E-07	0.02122	0.90	0.00924	0.03046
ES1_0056 (ES)	566265.91	4222932.01	1.32E-02	5.81E-03	8.11E-07	0.01899	0.81	0.00836	0.02735
Off-site High School Receptors									
HS1_0345 (HS)	566274.12	4222604.33	1.12E-01	5.70E-03	5.79E-06	0.11801	5.79	0.04646	0.16447
HS1_0370 (HS)	566284.12	4222594.33	1.04E-01	4.70E-03	5.36E-06	0.10861	5.36	0.04284	0.15145
HS1_0344 (HS)	566274.12	4222594.33	8.79E-02	5.13E-03	4.53E-06	0.09301	4.53	0.03670	0.12971
HS1_0369 (HS)	566284.12	4222584.33	7.79E-02	4.25E-03	4.02E-06	0.08218	4.02	0.03251	0.11469
HS1_0319 (HS)	566264.12	4222594.33	7.72E-02	5.60E-03	3.99E-06	0.08281	3.99	0.03261	0.11542
HS1_0343 (HS)	566274.12	4222584.33	6.85E-02	4.52E-03	3.54E-06	0.07305	3.54	0.02885	0.10190
HS1_0393 (HS)	566294.12	4222574.33	6.41E-02	3.60E-03	3.31E-06	0.06771	3.31	0.02689	0.09460
HS1_0318 (HS)	566264.12	4222584.33	6.10E-02	4.96E-03	3.15E-06	0.06593	3.15	0.02600	0.09193
HS1_0368 (HS)	566284.12	4222574.33	5.84E-02	3.74E-03	3.01E-06	0.06213	3.01	0.02462	0.08675
HS1_0295 (HS)	566254.12	4222584.33	5.50E-02	5.54E-03	2.85E-06	0.06057	2.85	0.02384	0.08441
HS1_0342 (HS)	566274.12	4222574.33	5.28E-02	4.00E-03	2.73E-06	0.05680	2.73	0.02247	0.07927
HS1_0317 (HS)	566264.12	4222574.33	4.82E-02	4.38E-03	2.49E-06	0.05257	2.49	0.02077	0.07334
HS1_0416 (HS)	566304.12	4222564.33	4.74E-02	3.05E-03	2.45E-06	0.05047	2.45	0.02012	0.07059
HS1_0392 (HS)	566294.12	4222564.33	4.61E-02	3.16E-03	2.38E-06	0.04927	2.38	0.01959	0.06886
HS1_0294 (HS)	566254.12	4222574.33	4.45E-02	4.87E-03	2.31E-06	0.04941	2.31	0.01948	0.06889
HS1_0367 (HS)	566284.12	4222564.33	4.38E-02	3.33E-03	2.26E-06	0.04711	2.26	0.01870	0.06581
HS1_0272 (HS)	566244.12	4222574.33	4.16E-02	5.52E-03	2.16E-06	0.04710	2.16	0.01853	0.06563
HS1_0341 (HS)	566274.12	4222564.33	4.10E-02	3.56E-03	2.12E-06	0.04460	2.12	0.01767	0.06227
HS1_0316 (HS)	566264.12	4222564.33	3.85E-02	3.89E-03	2.00E-06	0.04243	2.00	0.01679	0.05922
HS1_0293 (HS)	566254.12	4222564.33	3.64E-02	4.29E-03	1.89E-06	0.04068	1.89	0.01607	0.05675
HS1_0438 (HS)	566314.12	4222554.33	3.61E-02	2.46E-03	1.87E-06	0.03859	1.87	0.01534	0.05393
HS1_0415 (HS)	566304.12	4222554.33	3.54E-02	2.65E-03	1.83E-06	0.03801	1.83	0.01513	0.05314
HS1_0391 (HS)	566294.12	4222554.33	3.49E-02	2.81E-03	1.80E-06	0.03772	1.80	0.01501	0.05273
HS1_0271 (HS)	566244.12	4222564.33	3.45E-02	4.81E-03	1.79E-06	0.03932	1.79	0.01550	0.05482
HS1_0366 (HS)	566284.12	4222554.33	3.38E-02	2.97E-03	1.75E-06	0.03680	1.75	0.01463	0.05143
HS1_0250 (HS)	566234.12	4222564.33	3.30E-02	5.47E-03	1.72E-06	0.03842	1.72	0.01511	0.05353
HS1_0340 (HS)	566274.12	4222554.33	3.27E-02	3.18E-03	1.69E-06	0.03583	1.69	0.01423	0.05006
HS1_0229 (HS)	566224.12	4222564.33	3.16E-02	6.33E-03	1.65E-06	0.03790	1.65	0.01486	0.05276
HS1_0315 (HS)	566264.12	4222554.33	3.13E-02	3.46E-03	1.62E-06	0.03480	1.62	0.01380	0.04860
HS1_0209 (HS)	566214.12	4222564.33	3.03E-02	7.49E-03	1.59E-06	0.03782	1.59	0.01477	0.05259
HS1_0292 (HS)	566254.12	4222554.33	3.01E-02	3.78E-03	1.56E-06	0.03387	1.56	0.01342	0.04729
HS1_0189 (HS)	566204.12	4222564.33	2.92E-02	9.13E-03	1.54E-06	0.03829	1.54	0.01487	0.05316
HS1_0270 (HS)	566244.12	4222554.33	2.89E-02	4.20E-03	1.50E-06	0.03311	1.50	0.01309	0.04620
HS1_0169 (HS)	566194.12	4222564.33	2.81E-02	1.15E-02	1.49E-06	0.03958	1.49	0.01525	0.05483
HS1_0437 (HS)	566314.12	4222544.33	2.84E-02	2.22E-03	1.47E-06	0.03060	1.47	0.01218	0.04278
HS1_0249 (HS)	566234.12	4222554.33	2.80E-02	4.69E-03	1.46E-06	0.03265	1.46	0.01288	0.04553
HS1_0150 (HS)	566184.12	4222564.33	2.71E-02	1.51E-02	1.45E-06	0.04213	1.45	0.01606	0.05819
HS1_0414 (HS)	566304.12	4222544.33	2.80E-02	2.38E-03	1.45E-06	0.03041	1.45	0.0121	

HS1_0339 (HS)	566274.12	4222544.33	2.67E-02	2.85E-03	1.38E-06	0.02952	1.38	0.01175	0.04127
HS1_0208 (HS)	566214.12	4222554.33	2.62E-02	6.08E-03	1.37E-06	0.03229	1.37	0.01267	0.04496
HS1_0314 (HS)	566264.12	4222544.33	2.60E-02	3.08E-03	1.35E-06	0.02906	1.35	0.01155	0.04061
HS1_0188 (HS)	566204.12	4222554.33	2.54E-02	7.10E-03	1.33E-06	0.03246	1.33	0.01269	0.04515
HS1_0291 (HS)	566254.12	4222544.33	2.53E-02	3.35E-03	1.31E-06	0.02860	1.31	0.01136	0.03996
HS1_0168 (HS)	566194.12	4222554.33	2.45E-02	8.44E-03	1.30E-06	0.03298	1.30	0.01284	0.04582
HS1_0269 (HS)	566244.12	4222544.33	2.45E-02	3.67E-03	1.27E-06	0.02819	1.27	0.01118	0.03937
HS1_0149 (HS)	566184.12	4222554.33	2.38E-02	1.01E-02	1.26E-06	0.03390	1.26	0.01311	0.04701
HS1_0248 (HS)	566234.12	4222544.33	2.39E-02	4.04E-03	1.25E-06	0.02797	1.25	0.01107	0.03904
HS1_0130 (HS)	566174.12	4222554.33	2.30E-02	1.21E-02	1.23E-06	0.03509	1.23	0.01350	0.04859
HS1_0227 (HS)	566224.12	4222544.33	2.34E-02	4.47E-03	1.22E-06	0.02782	1.22	0.01100	0.03882
HS1_0458 (HS)	566324.12	4222534.33	2.34E-02	1.90E-03	1.21E-06	0.02530	1.21	0.01007	0.03537
HS1_0113 (HS)	566164.12	4222554.33	2.23E-02	1.36E-02	1.20E-06	0.03583	1.20	0.01373	0.04956
HS1_0436 (HS)	566314.12	4222534.33	2.32E-02	2.03E-03	1.20E-06	0.02523	1.20	0.01006	0.03529
HS1_0207 (HS)	566214.12	4222544.33	2.28E-02	4.98E-03	1.19E-06	0.02776	1.19	0.01095	0.03871
HS1_0413 (HS)	566304.12	4222534.33	2.30E-02	2.16E-03	1.19E-06	0.02514	1.19	0.01003	0.03517
HS1_0389 (HS)	566294.12	4222534.33	2.28E-02	2.29E-03	1.18E-06	0.02506	1.18	0.01000	0.03506
HS1_0032 (HS)	566114.12	4222564.33	2.13E-02	1.75E-02	1.17E-06	0.03877	1.17	0.01510	0.05387
HS1_0096 (HS)	566154.12	4222554.33	2.16E-02	1.43E-02	1.17E-06	0.03581	1.17	0.01372	0.04953
HS1_0364 (HS)	566284.12	4222534.33	2.25E-02	2.43E-03	1.17E-06	0.02497	1.17	0.00997	0.03494
HS1_0187 (HS)	566204.12	4222544.33	2.22E-02	5.61E-03	1.16E-06	0.02777	1.16	0.01094	0.03871
HS1_0338 (HS)	566274.12	4222534.33	2.23E-02	2.58E-03	1.16E-06	0.02486	1.16	0.00992	0.03478
HS1_0313 (HS)	566264.12	4222534.33	2.19E-02	2.76E-03	1.14E-06	0.02467	1.14	0.00984	0.03451
HS1_0167 (HS)	566194.12	4222544.33	2.16E-02	6.36E-03	1.13E-06	0.02791	1.13	0.01096	0.03887
HS1_0080 (HS)	566144.12	4222554.33	2.09E-02	1.42E-02	1.13E-06	0.03509	1.13	0.01350	0.04859
HS1_0290 (HS)	566254.12	4222534.33	2.15E-02	2.97E-03	1.12E-06	0.02448	1.12	0.00975	0.03423
HS1_0148 (HS)	566184.12	4222544.33	2.10E-02	7.16E-03	1.11E-06	0.02812	1.11	0.01102	0.03914
HS1_0064 (HS)	566134.12	4222554.33	2.03E-02	1.34E-02	1.10E-06	0.03364	1.10	0.01306	0.04670
HS1_0268 (HS)	566244.12	4222534.33	2.11E-02	3.22E-03	1.10E-06	0.02429	1.10	0.00966	0.03395
HS1_0129 (HS)	566174.12	4222544.33	2.04E-02	7.93E-03	1.08E-06	0.02830	1.08	0.01107	0.03937
HS1_0247 (HS)	566234.12	4222534.33	2.07E-02	3.49E-03	1.08E-06	0.02417	1.08	0.00961	0.03378
HS1_0048 (HS)	566124.12	4222554.33	1.97E-02	1.24E-02	1.06E-06	0.03205	1.06	0.01261	0.04466
HS1_0226 (HS)	566224.12	4222534.33	2.03E-02	3.79E-03	1.06E-06	0.02408	1.06	0.00956	0.03364
HS1_0112 (HS)	566164.12	4222544.33	1.98E-02	8.48E-03	1.05E-06	0.02828	1.05	0.01106	0.03934
HS1_0206 (HS)	566214.12	4222534.33	1.99E-02	4.14E-03	1.04E-06	0.02402	1.04	0.00953	0.03355
HS1_0031 (HS)	566114.12	4222554.33	1.91E-02	1.16E-02	1.03E-06	0.03068	1.03	0.01228	0.04296
HS1_0095 (HS)	566154.12	4222544.33	1.92E-02	8.73E-03	1.03E-06	0.02797	1.03	0.01097	0.03894
HS1_0186 (HS)	566204.12	4222534.33	1.94E-02	4.53E-03	1.02E-06	0.02396	1.02	0.00950	0.03346
HS1_0457 (HS)	566324.12	4222524.33	1.96E-02	1.76E-03	1.02E-06	0.02139	1.02	0.00853	0.02992
HS1_0435 (HS)	566314.12	4222524.33	1.95E-02	1.86E-03	1.01E-06	0.02138	1.01	0.00854	0.02992
HS1_0412 (HS)	566304.12	4222524.33	1.94E-02	1.97E-03	1.00E-06	0.02135	1.00	0.00853	0.02988
HS1_0388 (HS)	566294.12	4222524.33	1.93E-02	2.09E-03	9.98E-07	0.02135	1.00	0.00854	0.02989
HS1_0079 (HS)	566144.12	4222544.33	1.87E-02	8.69E-03	9.98E-07	0.02739	1.00	0.01080	0.03819
HS1_0166 (HS)	566194.12	4222534.33	1.90E-02	4.95E-03	9.96E-07	0.02394	1.00	0.00948	0.03342
HS1_0363 (HS)	566284.12	4222524.33	1.91E-02	2.21E-03	9.92E-07	0.02135	0.99	0.00854	0.02989
HS1_0337 (HS)	566274.12	4222524.33	1.90E-02	2.34E-03	9.85E-07	0.02133	0.99	0.00853	0.02986
HS1_0312 (HS)	566264.12	4222524.33	1.88E-02	2.48E-03	9.76E-07	0.02128	0.98	0.00850	0.02978
HS1_0147 (HS)	566184.12	4222534.33	1.85E-02	5.37E-03	9.75E-07	0.02391	0.98	0.00946	0.03337
HS1_0063 (HS)	566134.12	4222544.33	1.82E-02	8.44E-03	9.70E-07	0.02663	0.97	0.01059	0.03722
HS1_0289 (HS)	566254.12	4222524.33	1.86E-02	2.64E-03	9.64E-07	0.02120	0.96	0.00847	0.02967
HS1_0128 (HS)	566174.12	4222534.33	1.81E-02	5.70E-03	9.53E-07	0.02379	0.95	0.00942	0.03321
HS1_0267 (HS)	566244.12	4222524.33	1.83E-02	2.83E-03	9.52E-07	0.02113	0.95	0.00844	0.02957
HS1_0047 (HS)	566124.12	4222544.33	1.77E-02	8.08E-03	9.44E-07	0.02578	0.94	0.01040	0.03618
HS1_0246 (HS)	566234.12	4222524.33	1.80E-02	3.03E-03	9.39E-07	0.02107	0.94	0.00841	0.02948
HS1_0111 (HS)	566164.12	4222534.33	1.77E-02	5.94E-03	9.32E-07	0.02359	0.93	0.00936	0.03295
HS1_0225 (HS)	566224.12	4222524.33	1.78E-02	3.25E-03	9.26E-07	0.02101	0.93	0.00838	0.02939
HS1_0030 (HS)	566114.12	4222544.33	1.72E-02	7.66E-03	9.16E-07	0.02486	0.92	0.01023	0.03509
HS1_0205 (HS)	566214.12	4222524.33	1.75E-02	3.48E-03	9.12E-07	0.02095	0.91	0.00836	0.02931
HS1_0094 (HS)	566154.12	4222534.33	1.72E-02	6.05E-03	9.10E-07	0.02326	0.91	0.00927	0.03253
HS1_0185 (HS)	566204.12	4222524.33	1.72E-02	3.73E-03	8.97E-07	0.02088	0.90	0.00833	0.02921
HS1_0078 (HS)	566144.12	4222534.33	1.68E-02	6.02E-03	8.88E-07	0.02281	0.89	0.00915	0.03196
HS1_0165 (HS)	566194.12	4222524.33	1.68E-02	3.98E-03	8.81E-07	0.02080	0.88	0.00830	0.02910
HS1_0456 (HS)	566324.12	4222514.33	1.68E-02	1.63E-03	8.72E-07	0.01847	0.87	0.00738	0.02585
HS1_0476 (HS)	566334.12	4222514.33	1.68E-02	1.55E-03	8.69E-07	0.01835	0.87	0.00733	0.02568
HS1_0434 (HS)	566314.12	4222514.33	1.68E-02	1.72E-03	8.69E-07	0.01850	0.87	0.00740	0.02590
HS1_0062 (HS)	566134.12	4222534.33	1.64E-02	5.87E-03	8.66E-07	0.02225	0.87	0.00902	0.03127
HS1_0411 (HS)	566304.12	4222514.33	1.67E-02	1.81E-03	8.65E-07	0.01851	0.87	0.00741	0.02592
HS1_0146 (HS)	566184.12	4222524.33	1.65E-02	4.19E-03	8.64E-07	0.02067	0.86	0.00825	0.02892
HS1_0387 (HS)	566294.12	4222514.33	1.66E-02	1.91E-03	8.62E-07	0.01854	0.86	0.00743	0.02597
HS1_0362 (HS)	566284.12	4222514.33	1.66E-02	2.01E-03	8.58E-07	0.01856	0.86	0.00744	0.02600
HS1_0336 (HS)	566274.12	4222514.33	1.65E-02	2.12E-03	8.54E-07	0.01858	0.85	0.00745	0.02603
HS1_0311 (HS)	566264.12	4222514.33	1.64E-02	2.23E-03	8.49E-07	0.01858	0.85	0.00745	0.02603
HS1_0127 (HS)	566174.12	4222524.33	1.61E-02	4.37E-03	8.48E-07	0.02051	0.85	0.00820	0.02871
HS1_0046 (HS)	566124.12	4222534.33	1.60E-02	5.76E-03	8.46E-07	0.02175	0.85	0.00895	0.03070
HS1_0288 (HS)	566254.12	4222514.33	1.62E-02	2.36E-03	8.43E-07	0.01858	0.84	0.00744	0.02602
HS1_0266 (HS)	566244.12	4222514.33	1.61E-02	2.50E-03	8.35E-07	0.01856	0.84	0.00743	0.02599
HS1_0110 (HS)	566164.12	4222524.33	1.58E-02	4.48E-03	8.31E-07	0.02028	0.83	0.00814	0.02842
HS1_0245 (HS)	566234.12	4222514.33	1.59E-02	2.64E-03	8.27E-07	0.01852	0.83	0.00742	0.02594
HS1_0029 (HS)	566114.12	4222534.33	1.56E-02	5.70E-03	8.25E-07	0.02129	0.83	0.00894	0.03023
HS1_0224 (HS)	566224.12	4222514.33	1.57E-02	2.80E-03	8.17E-07	0.01848	0.82	0.00741	0.02589
HS1_0093 (HS)	566154.12	4222524.33	1.55E-02	4.54E-03	8.13E-07	0.02000	0.81	0.00807	0.02807
HS1_0204 (HS)	566214.12	4222514.33	1.55E-02	2.96E-03	8.07E-07	0.01842	0.81	0.00739	0.02581
HS1_0077 (HS)	566144.12	4222524.33	1.51E-02	4.51E-03	7.96E-07	0.01964	0.80	0.00799	0.02763
HS1_0184 (HS)	566204.12	4222514.33	1.52E-02	3.12E-03	7.95E-07	0.01835	0.80	0.00737	0.02572
HS1_0164 (HS)	566194.12	4222514.33	1.50E-02	3.26E-03	7.84E-07	0.01825	0.78	0.00733	0.02558
HS1_0061 (HS)	566134.12	4222524.33	1.48E-02	4.48E-03	7.79E-07	0.01928	0.78	0.00793	0.02721
HS1_0145 (HS)	566184.12	4222514.33	1.47E-02	3.39E-03	7.71E-07	0.01813	0.77	0.00729	0.02542
HS1_0045 (HS)	566124.12	4222524.33	1.45E-02	4.48E-03	7.64E-07	0.01898	0.76	0.00793	0.02691
HS1_0455 (HS)	566324.12	4222504.33	1.47E-02	1.52E-03	7.60E-07	0.01620	0.76	0.00649	0.02269
HS1_0433 (HS)	566314.12	4222504.33	1.47E-02	1.59E-03	7.60E-07	0.01625	0.76	0.00651	0.02276
HS1_0475 (HS)	566334.12	4222504.33	1.47E-02	1.45E-03	7.59E-07	0.01611	0.76	0.00644	0.02255
HS1_0126 (HS)	566174.12	4222514.33	1.45E-02	3.49E-03	7.59E-07	0.01797	0.76	0.00724	0.02521
HS1_0410 (HS)	566304.12	4222504.33	1.46E-02	1.67E-03	7.57E-07	0.01628	0.76	0.00653	0.02281
HS1_0386 (HS)	566294.12	4222504.33	1.46E-02	1.75E-03	7.56E-0				

HS1_0109 (HS)	566164.12	4222514.33	1.42E-02	3.57E-03	7.45E-07	0.01778	0.74	0.00720	0.02498
HS1_0287 (HS)	566254.12	4222504.33	1.43E-02	2.11E-03	7.44E-07	0.01643	0.74	0.00661	0.02304
HS1_0265 (HS)	566244.12	4222504.33	1.42E-02	2.22E-03	7.40E-07	0.01644	0.74	0.00661	0.02305
HS1_0244 (HS)	566234.12	4222504.33	1.41E-02	2.33E-03	7.34E-07	0.01643	0.73	0.00661	0.02304
HS1_0092 (HS)	566154.12	4222514.33	1.40E-02	3.58E-03	7.32E-07	0.01753	0.73	0.00715	0.02468
HS1_0223 (HS)	566224.12	4222504.33	1.40E-02	2.44E-03	7.27E-07	0.01640	0.73	0.00660	0.02300
HS1_0203 (HS)	566214.12	4222504.33	1.38E-02	2.55E-03	7.20E-07	0.01635	0.72	0.00659	0.02294
HS1_0076 (HS)	566144.12	4222514.33	1.37E-02	3.59E-03	7.18E-07	0.01728	0.72	0.00711	0.02439
HS1_0183 (HS)	566204.12	4222504.33	1.36E-02	2.65E-03	7.12E-07	0.01629	0.71	0.00658	0.02287
HS1_0060 (HS)	566134.12	4222514.33	1.34E-02	3.61E-03	7.05E-07	0.01704	0.71	0.00710	0.02414
HS1_0163 (HS)	566194.12	4222504.33	1.35E-02	2.74E-03	7.03E-07	0.01620	0.70	0.00654	0.02274
HS1_0044 (HS)	566124.12	4222514.33	1.32E-02	3.67E-03	6.93E-07	0.01686	0.69	0.00713	0.02399
HS1_0144 (HS)	566184.12	4222504.33	1.33E-02	2.81E-03	6.93E-07	0.01607	0.69	0.00651	0.02258
HS1_0125 (HS)	566174.12	4222504.33	1.31E-02	2.88E-03	6.83E-07	0.01595	0.68	0.00648	0.02243
HS1_0027 (HS)	566114.12	4222514.33	1.29E-02	3.79E-03	6.81E-07	0.01673	0.68	0.00724	0.02397
HS1_0108 (HS)	566164.12	4222504.33	1.29E-02	2.93E-03	6.73E-07	0.01580	0.67	0.00645	0.02225
HS1_0454 (HS)	566324.12	4222494.33	1.30E-02	1.41E-03	6.72E-07	0.01438	0.67	0.00577	0.02015
HS1_0432 (HS)	566314.12	4222494.33	1.30E-02	1.48E-03	6.72E-07	0.01444	0.67	0.00580	0.02024
HS1_0409 (HS)	566304.12	4222494.33	1.29E-02	1.54E-03	6.71E-07	0.01448	0.67	0.00582	0.02030
HS1_0474 (HS)	566334.12	4222494.33	1.30E-02	1.35E-03	6.71E-07	0.01430	0.67	0.00573	0.02003
HS1_0385 (HS)	566294.12	4222494.33	1.29E-02	1.61E-03	6.70E-07	0.01453	0.67	0.00585	0.02038
HS1_0360 (HS)	566284.12	4222494.33	1.29E-02	1.68E-03	6.70E-07	0.01458	0.67	0.00587	0.02045
HS1_0490 (HS)	566344.12	4222494.33	1.29E-02	1.30E-03	6.68E-07	0.01420	0.67	0.00568	0.01988
HS1_0334 (HS)	566274.12	4222494.33	1.29E-02	1.75E-03	6.68E-07	0.01461	0.67	0.00589	0.02050
HS1_0309 (HS)	566264.12	4222494.33	1.28E-02	1.83E-03	6.66E-07	0.01465	0.67	0.00590	0.02055
HS1_0015 (HS)	566104.12	4222514.33	1.26E-02	3.74E-03	6.65E-07	0.01638	0.67	0.00713	0.02351
HS1_0286 (HS)	566254.12	4222494.33	1.28E-02	1.90E-03	6.63E-07	0.01466	0.66	0.00591	0.02057
HS1_0091 (HS)	566154.12	4222504.33	1.27E-02	2.96E-03	6.63E-07	0.01562	0.66	0.00642	0.02204
HS1_0264 (HS)	566244.12	4222494.33	1.27E-02	1.98E-03	6.60E-07	0.01467	0.66	0.00592	0.02059
HS1_0243 (HS)	566234.12	4222494.33	1.26E-02	2.06E-03	6.56E-07	0.01467	0.66	0.00593	0.02060
HS1_0075 (HS)	566144.12	4222504.33	1.25E-02	2.99E-03	6.53E-07	0.01545	0.65	0.00641	0.02186
HS1_0222 (HS)	566224.12	4222494.33	1.25E-02	2.14E-03	6.52E-07	0.01465	0.65	0.00593	0.02058
HS1_0202 (HS)	566214.12	4222494.33	1.24E-02	2.22E-03	6.46E-07	0.01462	0.65	0.00592	0.02054
HS1_0059 (HS)	566134.12	4222504.33	1.23E-02	3.04E-03	6.43E-07	0.01530	0.64	0.00643	0.02173
HS1_0182 (HS)	566204.12	4222494.33	1.23E-02	2.29E-03	6.40E-07	0.01456	0.64	0.00591	0.02047
HS1_0162 (HS)	566194.12	4222494.33	1.21E-02	2.35E-03	6.33E-07	0.01449	0.63	0.00589	0.02038
HS1_0043 (HS)	566124.12	4222504.33	1.21E-02	3.12E-03	6.33E-07	0.01518	0.63	0.00649	0.02167
HS1_0143 (HS)	566184.12	4222494.33	1.20E-02	2.40E-03	6.26E-07	0.01440	0.63	0.00586	0.02026
HS1_0026 (HS)	566114.12	4222504.33	1.19E-02	3.26E-03	6.24E-07	0.01514	0.62	0.00663	0.02177
HS1_0124 (HS)	566174.12	4222494.33	1.19E-02	2.44E-03	6.19E-07	0.01429	0.62	0.00584	0.02013
HS1_0014 (HS)	566104.12	4222504.33	1.16E-02	3.26E-03	6.12E-07	0.01490	0.61	0.00656	0.02146
HS1_0107 (HS)	566164.12	4222494.33	1.17E-02	2.49E-03	6.11E-07	0.01418	0.61	0.00583	0.02001
HS1_0090 (HS)	566154.12	4222494.33	1.15E-02	2.52E-03	6.03E-07	0.01405	0.60	0.00582	0.01987
HS1_0431 (HS)	566314.12	4222484.33	1.16E-02	1.37E-03	6.00E-07	0.01295	0.60	0.00521	0.01816
HS1_0408 (HS)	566304.12	4222484.33	1.16E-02	1.43E-03	6.00E-07	0.01300	0.60	0.00524	0.01824
HS1_0384 (HS)	566294.12	4222484.33	1.16E-02	1.48E-03	6.00E-07	0.01304	0.60	0.00526	0.01830
HS1_0453 (HS)	566324.12	4222484.33	1.16E-02	1.32E-03	6.00E-07	0.01289	0.60	0.00518	0.01807
HS1_0359 (HS)	566284.12	4222484.33	1.16E-02	1.54E-03	6.00E-07	0.01309	0.60	0.00528	0.01837
HS1_0333 (HS)	566274.12	4222484.33	1.15E-02	1.60E-03	5.99E-07	0.01313	0.60	0.00530	0.01843
HS1_0473 (HS)	566334.12	4222484.33	1.16E-02	1.27E-03	5.99E-07	0.01282	0.60	0.00515	0.01797
HS1_0308 (HS)	566264.12	4222484.33	1.15E-02	1.66E-03	5.98E-07	0.01316	0.60	0.00532	0.01848
HS1_0489 (HS)	566344.12	4222484.33	1.15E-02	1.22E-03	5.96E-07	0.01273	0.60	0.00511	0.01784
HS1_0285 (HS)	566254.12	4222484.33	1.15E-02	1.72E-03	5.96E-07	0.01318	0.60	0.00533	0.01851
HS1_0074 (HS)	566144.12	4222494.33	1.14E-02	2.56E-03	5.95E-07	0.01393	0.59	0.00583	0.01976
HS1_0263 (HS)	566244.12	4222484.33	1.14E-02	1.78E-03	5.94E-07	0.01319	0.59	0.00534	0.01853
HS1_0242 (HS)	566234.12	4222484.33	1.14E-02	1.84E-03	5.91E-07	0.01319	0.59	0.00535	0.01854
HS1_0058 (HS)	566134.12	4222494.33	1.12E-02	2.62E-03	5.87E-07	0.01384	0.59	0.00587	0.01971
HS1_0221 (HS)	566224.12	4222484.33	1.13E-02	1.90E-03	5.87E-07	0.01318	0.59	0.00536	0.01854
HS1_0201 (HS)	566214.12	4222484.33	1.12E-02	1.96E-03	5.84E-07	0.01316	0.58	0.00536	0.01852
HS1_0042 (HS)	566124.12	4222494.33	1.11E-02	2.72E-03	5.80E-07	0.01379	0.58	0.00595	0.01974
HS1_0181 (HS)	566204.12	4222484.33	1.11E-02	2.01E-03	5.79E-07	0.01312	0.58	0.00535	0.01847
HS1_0161 (HS)	566194.12	4222484.33	1.10E-02	2.06E-03	5.74E-07	0.01307	0.57	0.00535	0.01842
HS1_0025 (HS)	566114.12	4222494.33	1.09E-02	2.87E-03	5.74E-07	0.01380	0.57	0.00610	0.01990
HS1_0142 (HS)	566184.12	4222484.33	1.09E-02	2.08E-03	5.69E-07	0.01298	0.57	0.00532	0.01830
HS1_0013 (HS)	566104.12	4222494.33	1.07E-02	2.89E-03	5.64E-07	0.01363	0.56	0.00607	0.01970
HS1_0123 (HS)	566174.12	4222484.33	1.08E-02	2.12E-03	5.63E-07	0.01291	0.56	0.00531	0.01822
HS1_0106 (HS)	566164.12	4222484.33	1.07E-02	2.16E-03	5.57E-07	0.01283	0.56	0.00531	0.01814
HS1_0089 (HS)	566154.12	4222484.33	1.05E-02	2.20E-03	5.51E-07	0.01274	0.55	0.00532	0.01806
HS1_0073 (HS)	566144.12	4222484.33	1.04E-02	2.24E-03	5.45E-07	0.01266	0.54	0.00534	0.01800
HS1_0358 (HS)	566284.12	4222474.33	1.04E-02	1.42E-03	5.42E-07	0.01185	0.54	0.00479	0.01664
HS1_0383 (HS)	566294.12	4222474.33	1.04E-02	1.37E-03	5.41E-07	0.01180	0.54	0.00477	0.01657
HS1_0332 (HS)	566274.12	4222474.33	1.04E-02	1.46E-03	5.41E-07	0.01188	0.54	0.00481	0.01669
HS1_0407 (HS)	566304.12	4222474.33	1.04E-02	1.32E-03	5.41E-07	0.01175	0.54	0.00474	0.01649
HS1_0430 (HS)	566314.12	4222474.33	1.04E-02	1.28E-03	5.41E-07	0.01171	0.54	0.00472	0.01643
HS1_0307 (HS)	566264.12	4222474.33	1.04E-02	1.51E-03	5.41E-07	0.01191	0.54	0.00483	0.01674
HS1_0452 (HS)	566324.12	4222474.33	1.04E-02	1.23E-03	5.40E-07	0.01165	0.54	0.00469	0.01634
HS1_0284 (HS)	566254.12	4222474.33	1.04E-02	1.56E-03	5.40E-07	0.01194	0.54	0.00484	0.01678
HS1_0472 (HS)	566334.12	4222474.33	1.04E-02	1.19E-03	5.39E-07	0.01159	0.54	0.00466	0.01625
HS1_0057 (HS)	566134.12	4222484.33	1.03E-02	2.31E-03	5.39E-07	0.01261	0.54	0.00539	0.01800
HS1_0262 (HS)	566244.12	4222474.33	1.03E-02	1.61E-03	5.38E-07	0.01195	0.54	0.00486	0.01681
HS1_0488 (HS)	566344.12	4222474.33	1.04E-02	1.14E-03	5.37E-07	0.01150	0.54	0.00463	0.01613
HS1_0241 (HS)	566234.12	4222474.33	1.03E-02	1.65E-03	5.36E-07	0.01195	0.54	0.00487	0.01682
HS1_0220 (HS)	566224.12	4222474.33	1.03E-02	1.70E-03	5.34E-07	0.01195	0.53	0.00487	0.01682
HS1_0041 (HS)	566124.12	4222484.33	1.02E-02	2.41E-03	5.33E-07	0.01259	0.53	0.00548	0.01807
HS1_0200 (HS)	566214.12	4222474.33	1.02E-02	1.74E-03	5.31E-07	0.01193	0.53	0.00488	0.01681
HS1_0024 (HS)	566114.12	4222484.33	1.01E-02	2.56E-03	5.29E-07	0.01264	0.53	0.00564	0.01828
HS1_0180 (HS)	566204.12	4222474.33	1.01E-02	1.78E-03	5.27E-07	0.01190	0.53	0.00488	0.01678
HS1_0012 (HS)	566104.12	4222484.33	9.99E-03	2.80E-03	5.25E-07	0.01279	0.52	0.00589	0.01868
HS1_0160 (HS)	566194.12	4222474.33	1.01E-02	1.82E-03	5.24E-07	0.01187	0.52	0.00488	0.01675
HS1_0141 (HS)	566184.12	4222474.33	9.97E-03	1.86E-03	5.20E-07	0.01183	0.52	0.00488	0.01671
HS1_0122 (HS)	566174.12	4222474.33	9.87E-03	1.87E-03	5.15E-07	0.01174	0.51	0.00486	0.01660
HS1_0105 (HS)	566164.12	4222474.33	9.77E-03	1.91E-03	5.10E-07	0.01168	0.51	0.00486	0.01654
HS1_0088 (HS)	566154.12	4222474.33	9.67E-03	1.95E-03	5.05E-07	0.01162	0.50	0.00488	0.01650
HS1_0072 (HS)	566144.12	4222474.33	9.57E-03	2.00E-03	5.00E-0				

HS1_0382 (HS)	566294.12	4222464.33	9.47E-03	1.26E-03	4.92E-07	0.01073	0.49	0.00435	0.01508
HS1_0406 (HS)	566304.12	4222464.33	9.47E-03	1.23E-03	4.92E-07	0.01070	0.49	0.00433	0.01503
HS1_0040 (HS)	566124.12	4222474.33	9.39E-03	2.17E-03	4.91E-07	0.01156	0.49	0.00507	0.01663
HS1_0283 (HS)	566254.12	4222464.33	9.45E-03	1.42E-03	4.91E-07	0.01087	0.49	0.00443	0.01530
HS1_0429 (HS)	566314.12	4222464.33	9.46E-03	1.19E-03	4.91E-07	0.01065	0.49	0.00430	0.01495
HS1_0451 (HS)	566324.12	4222464.33	9.45E-03	1.15E-03	4.90E-07	0.01060	0.49	0.00428	0.01488
HS1_0261 (HS)	566244.12	4222464.33	9.42E-03	1.46E-03	4.90E-07	0.01088	0.49	0.00444	0.01532
HS1_0471 (HS)	566334.12	4222464.33	9.43E-03	1.11E-03	4.89E-07	0.01054	0.49	0.00425	0.01479
HS1_0240 (HS)	566234.12	4222464.33	9.39E-03	1.50E-03	4.89E-07	0.01089	0.49	0.00445	0.01534
HS1_0023 (HS)	566114.12	4222474.33	9.31E-03	2.32E-03	4.88E-07	0.01163	0.49	0.00523	0.01686
HS1_0219 (HS)	566224.12	4222464.33	9.36E-03	1.53E-03	4.87E-07	0.01089	0.49	0.00446	0.01535
HS1_0487 (HS)	566344.12	4222464.33	9.39E-03	1.08E-03	4.87E-07	0.01047	0.49	0.00422	0.01469
HS1_0011 (HS)	566104.12	4222474.33	9.25E-03	2.55E-03	4.86E-07	0.01180	0.49	0.00548	0.01728
HS1_0199 (HS)	566214.12	4222464.33	9.31E-03	1.57E-03	4.85E-07	0.01088	0.48	0.00447	0.01535
HS1_0179 (HS)	566204.12	4222464.33	9.26E-03	1.60E-03	4.82E-07	0.01086	0.48	0.00447	0.01533
HS1_0159 (HS)	566194.12	4222464.33	9.21E-03	1.63E-03	4.80E-07	0.01084	0.48	0.00448	0.01532
HS1_0140 (HS)	566184.12	4222464.33	9.15E-03	1.66E-03	4.77E-07	0.01081	0.48	0.00449	0.01530
HS1_0121 (HS)	566174.12	4222464.33	9.07E-03	1.69E-03	4.73E-07	0.01076	0.47	0.00448	0.01524
HS1_0104 (HS)	566164.12	4222464.33	8.99E-03	1.71E-03	4.69E-07	0.01070	0.47	0.00448	0.01518
HS1_0087 (HS)	566154.12	4222464.33	8.90E-03	1.75E-03	4.65E-07	0.01065	0.46	0.00450	0.01515
HS1_0071 (HS)	566144.12	4222464.33	8.82E-03	1.81E-03	4.61E-07	0.01063	0.46	0.00454	0.01517
HS1_0055 (HS)	566134.12	4222464.33	8.75E-03	1.88E-03	4.57E-07	0.01063	0.46	0.00460	0.01523
HS1_0039 (HS)	566124.12	4222464.33	8.68E-03	1.98E-03	4.54E-07	0.01066	0.45	0.00470	0.01536
HS1_0022 (HS)	566114.12	4222464.33	8.62E-03	2.12E-03	4.52E-07	0.01074	0.45	0.00486	0.01560
HS1_0010 (HS)	566104.12	4222464.33	8.58E-03	2.34E-03	4.51E-07	0.01092	0.45	0.00511	0.01603
HS1_0305 (HS)	566264.12	4222454.33	8.66E-03	1.27E-03	4.50E-07	0.00993	0.45	0.00405	0.01398
HS1_0330 (HS)	566274.12	4222454.33	8.66E-03	1.23E-03	4.50E-07	0.00989	0.45	0.00403	0.01392
HS1_0356 (HS)	566284.12	4222454.33	8.66E-03	1.20E-03	4.50E-07	0.00986	0.45	0.00401	0.01387
HS1_0282 (HS)	566254.12	4222454.33	8.64E-03	1.30E-03	4.49E-07	0.00994	0.45	0.00406	0.01400
HS1_0381 (HS)	566294.12	4222454.33	8.65E-03	1.17E-03	4.49E-07	0.00982	0.45	0.00399	0.01381
HS1_0260 (HS)	566244.12	4222454.33	8.63E-03	1.33E-03	4.49E-07	0.00996	0.45	0.00408	0.01404
HS1_0405 (HS)	566304.12	4222454.33	8.64E-03	1.14E-03	4.49E-07	0.00978	0.45	0.00397	0.01375
HS1_0239 (HS)	566234.12	4222454.33	8.61E-03	1.36E-03	4.48E-07	0.00997	0.45	0.00409	0.01406
HS1_0428 (HS)	566314.12	4222454.33	8.63E-03	1.11E-03	4.48E-07	0.00974	0.45	0.00394	0.01368
HS1_0450 (HS)	566324.12	4222454.33	8.62E-03	1.08E-03	4.47E-07	0.00970	0.45	0.00392	0.01362
HS1_0218 (HS)	566224.12	4222454.33	8.58E-03	1.39E-03	4.47E-07	0.00997	0.45	0.00410	0.01407
HS1_0470 (HS)	566334.12	4222454.33	8.60E-03	1.04E-03	4.46E-07	0.00964	0.45	0.00389	0.01353
HS1_0198 (HS)	566214.12	4222454.33	8.55E-03	1.42E-03	4.45E-07	0.00997	0.45	0.00411	0.01408
HS1_0486 (HS)	566344.12	4222454.33	8.57E-03	1.01E-03	4.44E-07	0.00958	0.44	0.00387	0.01345
HS1_0178 (HS)	566204.12	4222454.33	8.51E-03	1.45E-03	4.43E-07	0.00996	0.44	0.00412	0.01408
HS1_0493 (HS)	566354.12	4222454.33	8.53E-03	9.80E-04	4.42E-07	0.00951	0.44	0.00383	0.01334
HS1_0158 (HS)	566194.12	4222454.33	8.47E-03	1.48E-03	4.41E-07	0.00995	0.44	0.00413	0.01408
HS1_0139 (HS)	566184.12	4222454.33	8.42E-03	1.51E-03	4.39E-07	0.00993	0.44	0.00414	0.01407
HS1_0120 (HS)	566174.12	4222454.33	8.36E-03	1.54E-03	4.36E-07	0.00990	0.44	0.00415	0.01405
HS1_0103 (HS)	566164.12	4222454.33	8.29E-03	1.56E-03	4.32E-07	0.00985	0.43	0.00415	0.01400
HS1_0086 (HS)	566154.12	4222454.33	8.22E-03	1.60E-03	4.29E-07	0.00982	0.43	0.00417	0.01399
HS1_0070 (HS)	566144.12	4222454.33	8.16E-03	1.65E-03	4.26E-07	0.00981	0.43	0.00421	0.01402
HS1_0054 (HS)	566134.12	4222454.33	8.10E-03	1.72E-03	4.23E-07	0.00982	0.42	0.00428	0.01410
HS1_0038 (HS)	566124.12	4222454.33	8.05E-03	1.81E-03	4.21E-07	0.00986	0.42	0.00438	0.01424
HS1_0021 (HS)	566114.12	4222454.33	8.01E-03	1.95E-03	4.20E-07	0.00996	0.42	0.00453	0.01449
HS1_0009 (HS)	566104.12	4222454.33	7.98E-03	2.15E-03	4.19E-07	0.01013	0.42	0.00477	0.01490
HS1_0304 (HS)	566264.12	4222444.33	7.95E-03	1.17E-03	4.13E-07	0.00912	0.41	0.00373	0.01285
HS1_0329 (HS)	566274.12	4222444.33	7.95E-03	1.14E-03	4.13E-07	0.00909	0.41	0.00371	0.01280
HS1_0355 (HS)	566284.12	4222444.33	7.95E-03	1.12E-03	4.13E-07	0.00907	0.41	0.00369	0.01276
HS1_0281 (HS)	566254.12	4222444.33	7.94E-03	1.20E-03	4.13E-07	0.00914	0.41	0.00374	0.01288
HS1_0259 (HS)	566244.12	4222444.33	7.93E-03	1.23E-03	4.12E-07	0.00916	0.41	0.00376	0.01292
HS1_0380 (HS)	566294.12	4222444.33	7.94E-03	1.09E-03	4.12E-07	0.00903	0.41	0.00367	0.01270
HS1_0404 (HS)	566304.12	4222444.33	7.93E-03	1.06E-03	4.12E-07	0.00899	0.41	0.00365	0.01264
HS1_0238 (HS)	566234.12	4222444.33	7.91E-03	1.25E-03	4.12E-07	0.00916	0.41	0.00377	0.01293
HS1_0427 (HS)	566314.12	4222444.33	7.92E-03	1.03E-03	4.11E-07	0.00895	0.41	0.00363	0.01258
HS1_0217 (HS)	566224.12	4222444.33	7.89E-03	1.28E-03	4.11E-07	0.00917	0.41	0.00378	0.01295
HS1_0449 (HS)	566324.12	4222444.33	7.91E-03	1.01E-03	4.11E-07	0.00892	0.41	0.00361	0.01253
HS1_0197 (HS)	566214.12	4222444.33	7.87E-03	1.30E-03	4.10E-07	0.00917	0.41	0.00379	0.01296
HS1_0469 (HS)	566334.12	4222444.33	7.89E-03	9.80E-04	4.09E-07	0.00887	0.41	0.00359	0.01246
HS1_0177 (HS)	566204.12	4222444.33	7.84E-03	1.33E-03	4.08E-07	0.00917	0.41	0.00380	0.01297
HS1_0485 (HS)	566344.12	4222444.33	7.86E-03	9.50E-04	4.08E-07	0.00881	0.41	0.00356	0.01237
HS1_0157 (HS)	566194.12	4222444.33	7.81E-03	1.35E-03	4.07E-07	0.00916	0.41	0.00382	0.01298
HS1_0492 (HS)	566354.12	4222444.33	7.82E-03	9.30E-04	4.06E-07	0.00875	0.41	0.00353	0.01228
HS1_0138 (HS)	566184.12	4222444.33	7.77E-03	1.38E-03	4.05E-07	0.00915	0.40	0.00383	0.01298
HS1_0119 (HS)	566174.12	4222444.33	7.72E-03	1.41E-03	4.02E-07	0.00913	0.40	0.00385	0.01298
HS1_0102 (HS)	566164.12	4222444.33	7.68E-03	1.43E-03	4.00E-07	0.00911	0.40	0.00385	0.01296
HS1_0085 (HS)	566154.12	4222444.33	7.62E-03	1.46E-03	3.98E-07	0.00908	0.40	0.00387	0.01295
HS1_0069 (HS)	566144.12	4222444.33	7.57E-03	1.51E-03	3.95E-07	0.00908	0.40	0.00392	0.01300
HS1_0053 (HS)	566134.12	4222444.33	7.52E-03	1.58E-03	3.93E-07	0.00910	0.39	0.00398	0.01308
HS1_0037 (HS)	566124.12	4222444.33	7.48E-03	1.67E-03	3.91E-07	0.00915	0.39	0.00408	0.01323
HS1_0020 (HS)	566114.12	4222444.33	7.45E-03	1.80E-03	3.90E-07	0.00925	0.39	0.00423	0.01348
HS1_0008 (HS)	566104.12	4222444.33	7.43E-03	1.99E-03	3.90E-07	0.00942	0.39	0.00445	0.01387
HS1_0004 (HS)	566094.12	4222444.33	7.36E-03	2.05E-03	3.87E-07	0.00941	0.39	0.00449	0.01390
HS1_0303 (HS)	566264.12	4222434.33	7.33E-03	1.09E-03	3.81E-07	0.00842	0.38	0.00345	0.01187
HS1_0328 (HS)	566274.12	4222434.33	7.33E-03	1.06E-03	3.81E-07	0.00839	0.38	0.00343	0.01182
HS1_0354 (HS)	566284.12	4222434.33	7.33E-03	1.04E-03	3.81E-07	0.00837	0.38	0.00341	0.01178
HS1_0258 (HS)	566244.12	4222434.33	7.32E-03	1.13E-03	3.81E-07	0.00845	0.38	0.00348	0.01193
HS1_0280 (HS)	566254.12	4222434.33	7.32E-03	1.11E-03	3.81E-07	0.00843	0.38	0.00346	0.01189
HS1_0379 (HS)	566294.12	4222434.33	7.32E-03	1.01E-03	3.80E-07	0.00833	0.38	0.00340	0.01173
HS1_0403 (HS)	566304.12	4222434.33	7.32E-03	9.90E-04	3.80E-07	0.00831	0.38	0.00338	0.01169
HS1_0237 (HS)	566234.12	4222434.33	7.30E-03	1.15E-03	3.80E-07	0.00845	0.38	0.00349	0.01194
HS1_0216 (HS)	566224.12	4222434.33	7.29E-03	1.18E-03	3.79E-07	0.00847	0.38	0.00350	0.01197
HS1_0426 (HS)	566314.12	4222434.33	7.30E-03	9.70E-04	3.79E-07	0.00827	0.38	0.00336	0.01163
HS1_0196 (HS)	566214.12	4222434.33	7.27E-03	1.20E-03	3.78E-07	0.00847	0.38	0.00351	0.01198
HS1_0448 (HS)	566324.12	4222434.33	7.29E-03	9.40E-04	3.78E-07	0.00823	0.38	0.00334	0.01157
HS1_0176 (HS)	566204.12	4222434.33	7.25E-03	1.22E-03	3.78E-07	0.00847	0.38	0.00353	0.01200
HS1_0468 (HS)	566334.12	4222434.33	7.27E-03	9.20E-04	3.77E-07	0.00819	0.38	0.00332	0.01151
HS1_0156 (HS)	566194.12	4222434.33	7.22E-03	1.25E-03	3.76E-07	0.00847	0.38	0.00354	0.01201
HS1_0484 (HS)	566344.12	4222434.33	7.24E-03	9.00E-04	3.76E-0				

HS1_0084 (HS)	566154.12	4222434.33	7.09E-03	1.35E-03	3.70E-07	0.00844	0.37	0.00362	0.01206
HS1_0068 (HS)	566144.12	4222434.33	7.05E-03	1.40E-03	3.68E-07	0.00845	0.37	0.00365	0.01210
HS1_0052 (HS)	566134.12	4222434.33	7.01E-03	1.46E-03	3.66E-07	0.00847	0.37	0.00372	0.01219
HS1_0003 (HS)	566094.12	4222434.33	6.94E-03	2.10E-03	3.65E-07	0.00904	0.37	0.00447	0.01351
HS1_0036 (HS)	566124.12	4222434.33	6.97E-03	1.55E-03	3.65E-07	0.00852	0.36	0.00381	0.01233
HS1_0007 (HS)	566104.12	4222434.33	6.93E-03	1.84E-03	3.64E-07	0.00877	0.36	0.00416	0.01293
HS1_0019 (HS)	566114.12	4222434.33	6.94E-03	1.67E-03	3.64E-07	0.00861	0.36	0.00395	0.01256
HS1_0302 (HS)	566264.12	4222424.33	6.79E-03	1.01E-03	3.53E-07	0.00780	0.35	0.00320	0.01100
HS1_0327 (HS)	566274.12	4222424.33	6.79E-03	9.90E-04	3.53E-07	0.00778	0.35	0.00319	0.01097
HS1_0279 (HS)	566254.12	4222424.33	6.78E-03	1.03E-03	3.53E-07	0.00781	0.35	0.00321	0.01102
HS1_0353 (HS)	566284.12	4222424.33	6.78E-03	9.70E-04	3.52E-07	0.00775	0.35	0.00317	0.01092
HS1_0236 (HS)	566234.12	4222424.33	6.77E-03	1.07E-03	3.52E-07	0.00784	0.35	0.00324	0.01108
HS1_0378 (HS)	566294.12	4222424.33	6.78E-03	9.50E-04	3.52E-07	0.00773	0.35	0.00315	0.01088
HS1_0257 (HS)	566244.12	4222424.33	6.77E-03	1.05E-03	3.52E-07	0.00782	0.35	0.00323	0.01105
HS1_0215 (HS)	566224.12	4222424.33	6.76E-03	1.09E-03	3.52E-07	0.00785	0.35	0.00325	0.01110
HS1_0402 (HS)	566304.12	4222424.33	6.77E-03	9.30E-04	3.52E-07	0.00770	0.35	0.00314	0.01084
HS1_0425 (HS)	566314.12	4222424.33	6.76E-03	9.10E-04	3.51E-07	0.00767	0.35	0.00312	0.01079
HS1_0195 (HS)	566214.12	4222424.33	6.74E-03	1.11E-03	3.51E-07	0.00785	0.35	0.00327	0.01112
HS1_0175 (HS)	566204.12	4222424.33	6.72E-03	1.13E-03	3.50E-07	0.00785	0.35	0.00328	0.01113
HS1_0447 (HS)	566324.12	4222424.33	6.74E-03	8.90E-04	3.50E-07	0.00763	0.35	0.00310	0.01073
HS1_0155 (HS)	566194.12	4222424.33	6.71E-03	1.15E-03	3.49E-07	0.00786	0.35	0.00330	0.01116
HS1_0467 (HS)	566334.12	4222424.33	6.72E-03	8.70E-04	3.49E-07	0.00759	0.35	0.00308	0.01067
HS1_0136 (HS)	566184.12	4222424.33	6.68E-03	1.18E-03	3.48E-07	0.00786	0.35	0.00332	0.01118
HS1_0483 (HS)	566344.12	4222424.33	6.70E-03	8.50E-04	3.48E-07	0.00755	0.35	0.00306	0.01061
HS1_0117 (HS)	566174.12	4222424.33	6.66E-03	1.21E-03	3.47E-07	0.00787	0.35	0.00334	0.01121
HS1_0100 (HS)	566164.12	4222424.33	6.64E-03	1.23E-03	3.46E-07	0.00787	0.35	0.00336	0.01123
HS1_0083 (HS)	566154.12	4222424.33	6.61E-03	1.27E-03	3.45E-07	0.00788	0.34	0.00339	0.01127
HS1_0067 (HS)	566144.12	4222424.33	6.57E-03	1.30E-03	3.43E-07	0.00787	0.34	0.00342	0.01129
HS1_0002 (HS)	566094.12	4222424.33	6.50E-03	1.94E-03	3.42E-07	0.00844	0.34	0.00417	0.01261
HS1_0051 (HS)	566134.12	4222424.33	6.54E-03	1.36E-03	3.42E-07	0.00790	0.34	0.00348	0.01138
HS1_0006 (HS)	566104.12	4222424.33	6.48E-03	1.71E-03	3.40E-07	0.00819	0.34	0.00389	0.01208
HS1_0035 (HS)	566124.12	4222424.33	6.50E-03	1.44E-03	3.40E-07	0.00794	0.34	0.00357	0.01151
HS1_0018 (HS)	566114.12	4222424.33	6.49E-03	1.55E-03	3.40E-07	0.00804	0.34	0.00369	0.01173
HS1_0301 (HS)	566264.12	4222414.33	6.31E-03	9.40E-04	3.28E-07	0.00725	0.33	0.00298	0.01023
HS1_0326 (HS)	566274.12	4222414.33	6.31E-03	9.20E-04	3.28E-07	0.00723	0.33	0.00297	0.01020
HS1_0278 (HS)	566254.12	4222414.33	6.30E-03	9.60E-04	3.28E-07	0.00726	0.33	0.00299	0.01025
HS1_0352 (HS)	566284.12	4222414.33	6.30E-03	9.00E-04	3.27E-07	0.00720	0.33	0.00295	0.01015
HS1_0377 (HS)	566294.12	4222414.33	6.30E-03	8.90E-04	3.27E-07	0.00719	0.33	0.00294	0.01013
HS1_0235 (HS)	566234.12	4222414.33	6.29E-03	1.00E-03	3.27E-07	0.00729	0.33	0.00302	0.01031
HS1_0256 (HS)	566244.12	4222414.33	6.29E-03	9.80E-04	3.27E-07	0.00727	0.33	0.00300	0.01027
HS1_0214 (HS)	566224.12	4222414.33	6.28E-03	1.01E-03	3.27E-07	0.00729	0.33	0.00303	0.01032
HS1_0401 (HS)	566304.12	4222414.33	6.29E-03	8.70E-04	3.27E-07	0.00716	0.33	0.00292	0.01008
HS1_0194 (HS)	566214.12	4222414.33	6.27E-03	1.03E-03	3.26E-07	0.00730	0.33	0.00305	0.01035
HS1_0424 (HS)	566314.12	4222414.33	6.28E-03	8.50E-04	3.26E-07	0.00713	0.33	0.00291	0.01004
HS1_0174 (HS)	566204.12	4222414.33	6.26E-03	1.05E-03	3.26E-07	0.00731	0.33	0.00306	0.01037
HS1_0154 (HS)	566194.12	4222414.33	6.24E-03	1.07E-03	3.25E-07	0.00731	0.33	0.00308	0.01039
HS1_0446 (HS)	566324.12	4222414.33	6.26E-03	8.30E-04	3.25E-07	0.00709	0.33	0.00289	0.00998
HS1_0135 (HS)	566184.12	4222414.33	6.23E-03	1.10E-03	3.25E-07	0.00733	0.32	0.00310	0.01043
HS1_0466 (HS)	566334.12	4222414.33	6.24E-03	8.20E-04	3.24E-07	0.00706	0.32	0.00287	0.00993
HS1_0116 (HS)	566174.12	4222414.33	6.21E-03	1.12E-03	3.24E-07	0.00733	0.32	0.00312	0.01045
HS1_0482 (HS)	566344.12	4222414.33	6.22E-03	8.00E-04	3.23E-07	0.00702	0.32	0.00285	0.00987
HS1_0099 (HS)	566164.12	4222414.33	6.19E-03	1.15E-03	3.23E-07	0.00734	0.32	0.00314	0.01048
HS1_0082 (HS)	566154.12	4222414.33	6.17E-03	1.18E-03	3.22E-07	0.00735	0.32	0.00317	0.01052
HS1_0001 (HS)	566094.12	4222414.33	6.10E-03	1.79E-03	3.21E-07	0.00789	0.32	0.00389	0.01178
HS1_0066 (HS)	566144.12	4222414.33	6.14E-03	1.21E-03	3.20E-07	0.00735	0.32	0.00320	0.01055
HS1_0050 (HS)	566134.12	4222414.33	6.11E-03	1.26E-03	3.19E-07	0.00737	0.32	0.00326	0.01063
HS1_0005 (HS)	566104.12	4222414.33	6.08E-03	1.58E-03	3.19E-07	0.00766	0.32	0.00363	0.01129
HS1_0034 (HS)	566124.12	4222414.33	6.09E-03	1.34E-03	3.18E-07	0.00743	0.32	0.00334	0.01077
HS1_0017 (HS)	566114.12	4222414.33	6.08E-03	1.44E-03	3.18E-07	0.00752	0.32	0.00346	0.01098
HS1_0300 (HS)	566264.12	4222404.33	5.88E-03	8.80E-04	3.06E-07	0.00676	0.31	0.00278	0.00954
HS1_0325 (HS)	566274.12	4222404.33	5.88E-03	8.60E-04	3.06E-07	0.00674	0.31	0.00277	0.00951
HS1_0277 (HS)	566254.12	4222404.33	5.87E-03	9.00E-04	3.05E-07	0.00677	0.31	0.00280	0.00957
HS1_0351 (HS)	566284.12	4222404.33	5.87E-03	8.40E-04	3.05E-07	0.00671	0.31	0.00276	0.00947
HS1_0213 (HS)	566224.12	4222404.33	5.86E-03	9.50E-04	3.05E-07	0.00681	0.30	0.00283	0.00964
HS1_0376 (HS)	566294.12	4222404.33	5.87E-03	8.30E-04	3.05E-07	0.00670	0.30	0.00274	0.00944
HS1_0234 (HS)	566234.12	4222404.33	5.86E-03	9.30E-04	3.05E-07	0.00679	0.30	0.00282	0.00961
HS1_0255 (HS)	566244.12	4222404.33	5.86E-03	9.20E-04	3.05E-07	0.00678	0.30	0.00281	0.00959
HS1_0193 (HS)	566214.12	4222404.33	5.85E-03	9.60E-04	3.05E-07	0.00681	0.30	0.00285	0.00966
HS1_0400 (HS)	566304.12	4222404.33	5.86E-03	8.20E-04	3.04E-07	0.00668	0.30	0.00273	0.00941
HS1_0173 (HS)	566204.12	4222404.33	5.84E-03	9.80E-04	3.04E-07	0.00682	0.30	0.00286	0.00968
HS1_0423 (HS)	566314.12	4222404.33	5.85E-03	8.00E-04	3.04E-07	0.00665	0.30	0.00272	0.00937
HS1_0153 (HS)	566194.12	4222404.33	5.83E-03	1.00E-03	3.04E-07	0.00683	0.30	0.00288	0.00971
HS1_0134 (HS)	566184.12	4222404.33	5.82E-03	1.02E-03	3.03E-07	0.00684	0.30	0.00290	0.00974
HS1_0445 (HS)	566324.12	4222404.33	5.83E-03	7.80E-04	3.03E-07	0.00661	0.30	0.00270	0.00931
HS1_0115 (HS)	566174.12	4222404.33	5.80E-03	1.05E-03	3.02E-07	0.00685	0.30	0.00292	0.00977
HS1_0098 (HS)	566164.12	4222404.33	5.79E-03	1.07E-03	3.02E-07	0.00686	0.30	0.00295	0.00981
HS1_0465 (HS)	566334.12	4222404.33	5.81E-03	7.70E-04	3.02E-07	0.00658	0.30	0.00268	0.00926
HS1_0081 (HS)	566154.12	4222404.33	5.77E-03	1.10E-03	3.01E-07	0.00687	0.30	0.00298	0.00985
HS1_0481 (HS)	566344.12	4222404.33	5.79E-03	7.50E-04	3.01E-07	0.00654	0.30	0.00266	0.00920
HS1_0065 (HS)	566144.12	4222404.33	5.75E-03	1.13E-03	3.00E-07	0.00688	0.30	0.00300	0.00988
HS1_0049 (HS)	566134.12	4222404.33	5.73E-03	1.18E-03	2.99E-07	0.00691	0.30	0.00306	0.00997
HS1_0033 (HS)	566124.12	4222404.33	5.71E-03	1.25E-03	2.99E-07	0.00696	0.30	0.00313	0.01009
HS1_0016 (HS)	566114.12	4222404.33	5.70E-03	1.34E-03	2.98E-07	0.00704	0.30	0.00324	0.01028
HS1_0299 (HS)	566264.12	4222394.33	5.50E-03	8.20E-04	2.86E-07	0.00632	0.29	0.00261	0.00893
HS1_0324 (HS)	566274.12	4222394.33	5.50E-03	8.00E-04	2.86E-07	0.00630	0.29	0.00260	0.00890
HS1_0276 (HS)	566254.12	4222394.33	5.49E-03	8.40E-04	2.86E-07	0.00633	0.29	0.00262	0.00895
HS1_0350 (HS)	566284.12	4222394.33	5.49E-03	7.90E-04	2.85E-07	0.00628	0.29	0.00258	0.00886
HS1_0192 (HS)	566214.12	4222394.33	5.48E-03	9.00E-04	2.85E-07	0.00638	0.29	0.00267	0.00905
HS1_0212 (HS)	566224.12	4222394.33	5.48E-03	8.90E-04	2.85E-07	0.00637	0.29	0.00265	0.00902
HS1_0233 (HS)	566234.12	4222394.33	5.48E-03	8.70E-04	2.85E-07	0.00635	0.29	0.00264	0.00899
HS1_0254 (HS)	566244.12	4222394.33	5.48E-03	8.60E-04	2.85E-07	0.00634	0.29	0.00263	0.00897
HS1_0172 (HS)	566204.12	4222394.33	5.47E-03	9.20E-04	2.85E-07	0.00639	0.28	0.00268	0.00907
HS1_0375 (HS)	566294.12	4222394.33	5.48E-03	7.80E-04	2.85E-07	0.00626	0.28	0.00257	0.00883
HS1_0399 (HS)	566304.12	4222394.33	5.48E-03	7.70E-04	2.85E-0				

HS1_0097 (HS)	566164.12	4222394.33	5.43E-03	1.01E-03	2.83E-07	0.00644	0.28	0.00277	0.00921
HS1_0444 (HS)	566324.12	4222394.33	5.45E-03	7.40E-04	2.83E-07	0.00619	0.28	0.00253	0.00872
HS1_0464 (HS)	566334.12	4222394.33	5.43E-03	7.30E-04	2.82E-07	0.00616	0.28	0.00251	0.00867
HS1_0480 (HS)	566344.12	4222394.33	5.41E-03	7.10E-04	2.81E-07	0.00612	0.28	0.00249	0.00861
HS1_0298 (HS)	566264.12	4222384.33	5.16E-03	7.70E-04	2.68E-07	0.00593	0.27	0.00245	0.00838
HS1_0275 (HS)	566254.12	4222384.33	5.15E-03	7.90E-04	2.68E-07	0.00594	0.27	0.00246	0.00840
HS1_0323 (HS)	566274.12	4222384.33	5.15E-03	7.60E-04	2.68E-07	0.00591	0.27	0.00244	0.00835
HS1_0349 (HS)	566284.12	4222384.33	5.15E-03	7.50E-04	2.68E-07	0.00590	0.27	0.00243	0.00833
HS1_0191 (HS)	566214.12	4222384.33	5.14E-03	8.50E-04	2.68E-07	0.00599	0.27	0.00251	0.00850
HS1_0211 (HS)	566224.12	4222384.33	5.14E-03	8.30E-04	2.67E-07	0.00597	0.27	0.00249	0.00846
HS1_0232 (HS)	566234.12	4222384.33	5.14E-03	8.20E-04	2.67E-07	0.00596	0.27	0.00248	0.00844
HS1_0253 (HS)	566244.12	4222384.33	5.14E-03	8.10E-04	2.67E-07	0.00595	0.27	0.00247	0.00842
HS1_0151 (HS)	566194.12	4222384.33	5.13E-03	8.80E-04	2.67E-07	0.00601	0.27	0.00254	0.00855
HS1_0171 (HS)	566204.12	4222384.33	5.13E-03	8.60E-04	2.67E-07	0.00599	0.27	0.00252	0.00851
HS1_0374 (HS)	566294.12	4222384.33	5.14E-03	7.30E-04	2.67E-07	0.00587	0.27	0.00241	0.00828
HS1_0132 (HS)	566184.12	4222384.33	5.12E-03	9.00E-04	2.67E-07	0.00602	0.27	0.00256	0.00858
HS1_0398 (HS)	566304.12	4222384.33	5.13E-03	7.20E-04	2.67E-07	0.00585	0.27	0.00240	0.00825
HS1_0421 (HS)	566314.12	4222384.33	5.12E-03	7.10E-04	2.66E-07	0.00583	0.27	0.00239	0.00822
HS1_0443 (HS)	566324.12	4222384.33	5.10E-03	7.00E-04	2.65E-07	0.00580	0.26	0.00237	0.00817
HS1_0463 (HS)	566334.12	4222384.33	5.08E-03	6.90E-04	2.64E-07	0.00577	0.26	0.00235	0.00812
HS1_0479 (HS)	566344.12	4222384.33	5.06E-03	6.80E-04	2.63E-07	0.00574	0.26	0.00234	0.00808
HS1_0297 (HS)	566264.12	4222374.33	4.85E-03	7.30E-04	2.52E-07	0.00558	0.25	0.00231	0.00789
HS1_0231 (HS)	566234.12	4222374.33	4.84E-03	7.70E-04	2.52E-07	0.00561	0.25	0.00234	0.00795
HS1_0252 (HS)	566244.12	4222374.33	4.84E-03	7.60E-04	2.52E-07	0.00560	0.25	0.00233	0.00793
HS1_0274 (HS)	566254.12	4222374.33	4.84E-03	7.40E-04	2.52E-07	0.00558	0.25	0.00232	0.00790
HS1_0322 (HS)	566274.12	4222374.33	4.84E-03	7.10E-04	2.52E-07	0.00555	0.25	0.00229	0.00784
HS1_0170 (HS)	566204.12	4222374.33	4.83E-03	8.10E-04	2.51E-07	0.00564	0.25	0.00237	0.00801
HS1_0190 (HS)	566214.12	4222374.33	4.83E-03	7.90E-04	2.51E-07	0.00562	0.25	0.00236	0.00798
HS1_0210 (HS)	566224.12	4222374.33	4.83E-03	7.80E-04	2.51E-07	0.00561	0.25	0.00235	0.00796
HS1_0348 (HS)	566284.12	4222374.33	4.83E-03	7.00E-04	2.51E-07	0.00553	0.25	0.00228	0.00781
HS1_0373 (HS)	566294.12	4222374.33	4.83E-03	6.90E-04	2.51E-07	0.00552	0.25	0.00227	0.00779
HS1_0397 (HS)	566304.12	4222374.33	4.82E-03	6.80E-04	2.50E-07	0.00550	0.25	0.00226	0.00776
HS1_0420 (HS)	566314.12	4222374.33	4.81E-03	6.70E-04	2.50E-07	0.00548	0.25	0.00225	0.00773
HS1_0442 (HS)	566324.12	4222374.33	4.78E-03	6.60E-04	2.48E-07	0.00544	0.25	0.00223	0.00767
HS1_0462 (HS)	566334.12	4222374.33	4.76E-03	6.50E-04	2.47E-07	0.00541	0.25	0.00221	0.00762
HS1_0478 (HS)	566344.12	4222374.33	4.75E-03	6.40E-04	2.47E-07	0.00539	0.25	0.00220	0.00759
HS1_0273 (HS)	566254.12	4222364.33	4.57E-03	7.00E-04	2.38E-07	0.00527	0.24	0.00219	0.00746
HS1_0296 (HS)	566264.12	4222364.33	4.57E-03	6.80E-04	2.38E-07	0.00525	0.24	0.00217	0.00742
HS1_0230 (HS)	566234.12	4222364.33	4.56E-03	7.20E-04	2.37E-07	0.00528	0.24	0.00221	0.00749
HS1_0251 (HS)	566244.12	4222364.33	4.56E-03	7.10E-04	2.37E-07	0.00527	0.24	0.00220	0.00747
HS1_0321 (HS)	566274.12	4222364.33	4.55E-03	6.70E-04	2.37E-07	0.00522	0.24	0.00216	0.00738
HS1_0347 (HS)	566284.12	4222364.33	4.55E-03	6.60E-04	2.36E-07	0.00521	0.24	0.00215	0.00736
HS1_0372 (HS)	566294.12	4222364.33	4.54E-03	6.50E-04	2.36E-07	0.00519	0.24	0.00214	0.00733
HS1_0396 (HS)	566304.12	4222364.33	4.54E-03	6.40E-04	2.36E-07	0.00518	0.24	0.00213	0.00731
HS1_0419 (HS)	566314.12	4222364.33	4.52E-03	6.30E-04	2.35E-07	0.00515	0.23	0.00212	0.00727
HS1_0441 (HS)	566324.12	4222364.33	4.50E-03	6.20E-04	2.34E-07	0.00512	0.23	0.00210	0.00722
HS1_0461 (HS)	566334.12	4222364.33	4.48E-03	6.10E-04	2.33E-07	0.00509	0.23	0.00209	0.00718
HS1_0477 (HS)	566344.12	4222364.33	4.46E-03	6.10E-04	2.32E-07	0.00507	0.23	0.00207	0.00714
HS1_0320 (HS)	566274.12	4222354.33	4.29E-03	6.30E-04	2.23E-07	0.00492	0.22	0.00203	0.00695
HS1_0346 (HS)	566284.12	4222354.33	4.28E-03	6.20E-04	2.22E-07	0.00490	0.22	0.00203	0.00693
HS1_0371 (HS)	566294.12	4222354.33	4.28E-03	6.20E-04	2.22E-07	0.00490	0.22	0.00202	0.00692
HS1_0395 (HS)	566304.12	4222354.33	4.27E-03	6.10E-04	2.22E-07	0.00488	0.22	0.00201	0.00689
HS1_0418 (HS)	566314.12	4222354.33	4.26E-03	6.00E-04	2.21E-07	0.00486	0.22	0.00200	0.00686
HS1_0440 (HS)	566324.12	4222354.33	4.24E-03	5.90E-04	2.20E-07	0.00483	0.22	0.00198	0.00681
HS1_0460 (HS)	566334.12	4222354.33	4.22E-03	5.80E-04	2.19E-07	0.00480	0.22	0.00197	0.00677
HS1_0394 (HS)	566304.12	4222344.33	4.04E-03	5.80E-04	2.10E-07	0.00462	0.21	0.00190	0.00652
HS1_0417 (HS)	566314.12	4222344.33	4.02E-03	5.70E-04	2.09E-07	0.00459	0.21	0.00189	0.00648
HS1_0439 (HS)	566324.12	4222344.33	4.01E-03	5.60E-04	2.08E-07	0.00457	0.21	0.00188	0.00645
HS1_0459 (HS)	566334.12	4222344.33	3.99E-03	5.50E-04	2.07E-07	0.00454	0.21	0.00186	0.00640
Off-site Middle School Receptors									
MS1_0386 (MS)	566039.01	4222617.47	2.92E-02	6.17E-03	1.53E-06	0.03537	1.53	0.01384	0.04921
MS1_0416 (MS)	566059.01	4222607.47	2.86E-02	8.32E-03	1.50E-06	0.03691	1.50	0.01442	0.05133
MS1_0444 (MS)	566079.01	4222597.47	2.75E-02	1.22E-02	1.46E-06	0.03974	1.46	0.01549	0.05523
MS1_0370 (MS)	566029.01	4222617.47	2.76E-02	5.45E-03	1.44E-06	0.03308	1.44	0.01295	0.04603
MS1_0401 (MS)	566049.01	4222607.47	2.73E-02	7.06E-03	1.43E-06	0.03435	1.43	0.01343	0.04778
MS1_0338 (MS)	566009.01	4222627.47	2.73E-02	4.44E-03	1.42E-06	0.03171	1.42	0.01243	0.04414
MS1_0430 (MS)	566069.01	4222597.47	2.64E-02	9.82E-03	1.40E-06	0.03623	1.40	0.01414	0.05037
MS1_0286 (MS)	565979.01	4222647.47	2.68E-02	3.51E-03	1.39E-06	0.03026	1.39	0.01187	0.04213
MS1_0304 (MS)	565989.01	4222637.47	2.63E-02	3.76E-03	1.37E-06	0.03009	1.37	0.01180	0.04189
MS1_0451 (MS)	566089.01	4222587.47	2.54E-02	1.44E-02	1.37E-06	0.03986	1.37	0.01543	0.05529
MS1_0385 (MS)	566039.01	4222607.47	2.60E-02	6.10E-03	1.36E-06	0.03213	1.36	0.01258	0.04471
MS1_0354 (MS)	566019.01	4222617.47	2.61E-02	4.87E-03	1.36E-06	0.03099	1.36	0.01214	0.04313
MS1_0415 (MS)	566059.01	4222597.47	2.54E-02	8.10E-03	1.34E-06	0.03346	1.34	0.01307	0.04653
MS1_0321 (MS)	565999.01	4222627.47	2.56E-02	4.05E-03	1.33E-06	0.02969	1.33	0.01164	0.04133
MS1_0443 (MS)	566079.01	4222587.47	2.45E-02	1.14E-02	1.31E-06	0.03586	1.31	0.01400	0.04986
MS1_0248 (MS)	565959.01	4222657.47	2.50E-02	3.10E-03	1.30E-06	0.02814	1.30	0.01104	0.03918
MS1_0267 (MS)	565969.01	4222647.47	2.50E-02	3.28E-03	1.30E-06	0.02826	1.30	0.01109	0.03935
MS1_0369 (MS)	566029.01	4222607.47	2.48E-02	5.36E-03	1.30E-06	0.03016	1.30	0.01181	0.04197
MS1_0228 (MS)	565949.01	4222667.47	2.49E-02	2.95E-03	1.29E-06	0.02783	1.29	0.01092	0.03875
MS1_0337 (MS)	566009.01	4222617.47	2.47E-02	4.39E-03	1.29E-06	0.02910	1.29	0.01141	0.04051
MS1_0285 (MS)	565979.01	4222637.47	2.47E-02	3.48E-03	1.28E-06	0.02816	1.28	0.01105	0.03921
MS1_0400 (MS)	566049.01	4222597.47	2.43E-02	6.85E-03	1.28E-06	0.03117	1.28	0.01219	0.04336
MS1_0303 (MS)	565989.01	4222627.47	2.41E-02	3.72E-03	1.26E-06	0.02786	1.26	0.01093	0.03879
MS1_0429 (MS)	566069.01	4222587.47	2.35E-02	9.18E-03	1.25E-06	0.03272	1.25	0.01279	0.04551
MS1_0353 (MS)	566019.01	4222607.47	2.36E-02	4.76E-03	1.23E-06	0.02835	1.23	0.01112	0.03947
MS1_0384 (MS)	566039.01	4222597.47	2.33E-02	5.90E-03	1.22E-06	0.02922	1.22	0.01144	0.04066
MS1_0450 (MS)	566089.01	4222577.47	2.28E-02	1.24E-02	1.22E-06	0.03519	1.22	0.01369	0.04888
MS1_0320 (MS)	565999.01	4222617.47	2.34E-02	3.99E-03	1.22E-06	0.02737	1.22	0.01073	0.03810
MS1_0247 (MS)	565959.01	4222647.47	2.34E-02	3.07E-03	1.21E-06	0.02647	1.21	0.01039	0.03686
MS1_0227 (MS)	565949.01	4222657.47	2.34E-02	2.92E-03	1.21E-06	0.02633	1.21	0.01033	0.03666
MS1_0266 (MS)	565969.01	4222637.47	2.32E-02	3.24E-03	1.20E-06	0.02642	1.20	0.01037	0.03679
MS1_0414 (MS)	566059.01	4222587.47	2.27E-02	7.60E-03	1.20E-06	0.03026	1.20	0.01184	0.04210
MS1_0284 (MS)	565979.01	4222627.47	2.28E-02	3.43E-03	1.18E-06	0.02619	1.18	0.01028	0.03647
MS1_0336 (MS)	566009.01	4222607.47	2.25E-02	4.28E-03	1.17E-06	0.02673	1.17	0.0104	

MS1_0226 (MS)	565949.01	4222647.47	2.20E-02	2.88E-03	1.14E-06	0.02484	1.14	0.00975	0.03459
MS1_0207 (MS)	565939.01	4222657.47	2.19E-02	2.75E-03	1.14E-06	0.02468	1.14	0.00969	0.03437
MS1_0246 (MS)	565959.01	4222637.47	2.18E-02	3.02E-03	1.13E-06	0.02483	1.13	0.00975	0.03458
MS1_0428 (MS)	566069.01	4222577.47	2.11E-02	8.22E-03	1.12E-06	0.02934	1.12	0.01151	0.04085
MS1_0265 (MS)	565969.01	4222627.47	2.15E-02	3.18E-03	1.12E-06	0.02466	1.12	0.00968	0.03434
MS1_0352 (MS)	566019.01	4222597.47	2.14E-02	4.58E-03	1.12E-06	0.02593	1.12	0.01018	0.03611
MS1_0319 (MS)	565999.01	4222607.47	2.14E-02	3.87E-03	1.11E-06	0.02523	1.11	0.00990	0.03513
MS1_0383 (MS)	566039.01	4222587.47	2.10E-02	5.55E-03	1.10E-06	0.02656	1.10	0.01042	0.03698
MS1_0283 (MS)	565979.01	4222617.47	2.10E-02	3.35E-03	1.09E-06	0.02433	1.09	0.00955	0.03388
MS1_0449 (MS)	566089.01	4222567.47	2.03E-02	1.05E-02	1.09E-06	0.03074	1.09	0.01209	0.04283
MS1_0413 (MS)	566059.01	4222577.47	2.04E-02	6.89E-03	1.08E-06	0.02727	1.08	0.01071	0.03798
MS1_0206 (MS)	565939.01	4222647.47	2.07E-02	2.70E-03	1.07E-06	0.02335	1.07	0.00917	0.03252
MS1_0225 (MS)	565949.01	4222637.47	2.06E-02	2.83E-03	1.07E-06	0.02339	1.07	0.00918	0.03257
MS1_0335 (MS)	566009.01	4222597.47	2.04E-02	4.11E-03	1.07E-06	0.02453	1.07	0.00963	0.03416
MS1_0301 (MS)	565989.01	4222607.47	2.03E-02	3.54E-03	1.06E-06	0.02387	1.06	0.00937	0.03324
MS1_0367 (MS)	566029.01	4222587.47	2.02E-02	4.88E-03	1.06E-06	0.02508	1.06	0.00985	0.03493
MS1_0245 (MS)	565959.01	4222627.47	2.03E-02	2.96E-03	1.05E-06	0.02325	1.05	0.00913	0.03238
MS1_0441 (MS)	566079.01	4222567.47	1.96E-02	8.63E-03	1.04E-06	0.02825	1.04	0.01118	0.03943
MS1_0398 (MS)	566049.01	4222577.47	1.97E-02	5.89E-03	1.04E-06	0.02558	1.04	0.01005	0.03563
MS1_0264 (MS)	565969.01	4222617.47	1.99E-02	3.10E-03	1.03E-06	0.02299	1.03	0.00903	0.03202
MS1_0318 (MS)	565999.01	4222597.47	1.95E-02	3.72E-03	1.02E-06	0.02324	1.02	0.00913	0.03237
MS1_0351 (MS)	566019.01	4222587.47	1.94E-02	4.34E-03	1.01E-06	0.02373	1.01	0.00933	0.03306
MS1_0187 (MS)	565929.01	4222647.47	1.94E-02	2.54E-03	1.01E-06	0.02198	1.01	0.00863	0.03061
MS1_0282 (MS)	565979.01	4222607.47	1.94E-02	3.25E-03	1.01E-06	0.02261	1.01	0.00888	0.03149
MS1_0205 (MS)	565939.01	4222637.47	1.94E-02	2.65E-03	1.01E-06	0.02205	1.01	0.00866	0.03071
MS1_0427 (MS)	566069.01	4222567.47	1.90E-02	7.23E-03	1.00E-06	0.02619	1.00	0.01035	0.03654
MS1_0382 (MS)	566039.01	4222577.47	1.90E-02	5.12E-03	9.99E-07	0.02414	1.00	0.00950	0.03364
MS1_0224 (MS)	565949.01	4222627.47	1.92E-02	2.76E-03	9.98E-07	0.02196	1.00	0.00863	0.03059
MS1_0244 (MS)	565959.01	4222617.47	1.89E-02	2.88E-03	9.81E-07	0.02175	0.98	0.00854	0.03029
MS1_0334 (MS)	566009.01	4222587.47	1.86E-02	3.90E-03	9.73E-07	0.02252	0.97	0.00885	0.03137
MS1_0300 (MS)	565989.01	4222597.47	1.87E-02	3.40E-03	9.73E-07	0.02206	0.97	0.00867	0.03073
MS1_0412 (MS)	566059.01	4222567.47	1.84E-02	6.16E-03	9.69E-07	0.02452	0.97	0.00968	0.03420
MS1_0448 (MS)	566089.01	4222557.47	1.82E-02	8.53E-03	9.69E-07	0.02669	0.97	0.01066	0.03735
MS1_0366 (MS)	566029.01	4222577.47	1.84E-02	4.53E-03	9.62E-07	0.02288	0.96	0.00900	0.03188
MS1_0263 (MS)	565969.01	4222607.47	1.84E-02	3.00E-03	9.59E-07	0.02143	0.96	0.00842	0.02985
MS1_0186 (MS)	565929.01	4222637.47	1.83E-02	2.49E-03	9.51E-07	0.02081	0.95	0.00817	0.02898
MS1_0204 (MS)	565939.01	4222627.47	1.82E-02	2.59E-03	9.45E-07	0.02077	0.94	0.00816	0.02893
MS1_0397 (MS)	566049.01	4222567.47	1.78E-02	5.33E-03	9.37E-07	0.02313	0.94	0.00913	0.03226
MS1_0440 (MS)	566079.01	4222557.47	1.76E-02	7.25E-03	9.36E-07	0.02487	0.94	0.00996	0.03483
MS1_0317 (MS)	565999.01	4222587.47	1.79E-02	3.54E-03	9.33E-07	0.02141	0.93	0.00842	0.02983
MS1_0223 (MS)	565949.01	4222617.47	1.79E-02	2.68E-03	9.31E-07	0.02059	0.93	0.00809	0.02868
MS1_0281 (MS)	565979.01	4222597.47	1.79E-02	3.12E-03	9.30E-07	0.02097	0.93	0.00825	0.02922
MS1_0350 (MS)	566019.01	4222577.47	1.77E-02	4.05E-03	9.25E-07	0.02173	0.93	0.00856	0.03029
MS1_0243 (MS)	565959.01	4222607.47	1.75E-02	2.79E-03	9.12E-07	0.02032	0.91	0.00799	0.02831
MS1_0381 (MS)	566039.01	4222567.47	1.73E-02	4.68E-03	9.06E-07	0.02193	0.91	0.00866	0.03059
MS1_0426 (MS)	566069.01	4222557.47	1.71E-02	6.18E-03	9.04E-07	0.02326	0.90	0.00928	0.03254
MS1_0168 (MS)	565919.01	4222637.47	1.73E-02	2.34E-03	8.99E-07	0.01966	0.90	0.00773	0.02739
MS1_0185 (MS)	565929.01	4222627.47	1.72E-02	2.43E-03	8.95E-07	0.01966	0.90	0.00773	0.02739
MS1_0299 (MS)	565989.01	4222587.47	1.72E-02	3.23E-03	8.95E-07	0.02039	0.90	0.00803	0.02842
MS1_0333 (MS)	566009.01	4222577.47	1.70E-02	3.66E-03	8.90E-07	0.02069	0.89	0.00815	0.02884
MS1_0262 (MS)	565969.01	4222597.47	1.71E-02	2.89E-03	8.88E-07	0.01995	0.89	0.00785	0.02780
MS1_0203 (MS)	565939.01	4222617.47	1.70E-02	2.51E-03	8.85E-07	0.01953	0.88	0.00768	0.02721
MS1_0365 (MS)	566029.01	4222567.47	1.67E-02	4.16E-03	8.75E-07	0.02086	0.88	0.00824	0.02910
MS1_0411 (MS)	566059.01	4222557.47	1.66E-02	5.38E-03	8.75E-07	0.02197	0.87	0.00874	0.03071
MS1_0222 (MS)	565949.01	4222607.47	1.67E-02	2.60E-03	8.68E-07	0.01929	0.87	0.00759	0.02688
MS1_0447 (MS)	566089.01	4222547.47	1.63E-02	6.50E-03	8.66E-07	0.02282	0.87	0.00926	0.03208
MS1_0280 (MS)	565979.01	4222587.47	1.65E-02	2.98E-03	8.59E-07	0.01945	0.86	0.00766	0.02711
MS1_0316 (MS)	565999.01	4222577.47	1.64E-02	3.33E-03	8.56E-07	0.01973	0.86	0.00778	0.02751
MS1_0167 (MS)	565919.01	4222627.47	1.64E-02	2.29E-03	8.49E-07	0.01864	0.85	0.00733	0.02597
MS1_0396 (MS)	566049.01	4222557.47	1.61E-02	4.74E-03	8.49E-07	0.02088	0.85	0.00830	0.02918
MS1_0242 (MS)	565959.01	4222597.47	1.63E-02	2.68E-03	8.48E-07	0.01898	0.85	0.00747	0.02645
MS1_0349 (MS)	566019.01	4222567.47	1.62E-02	3.75E-03	8.45E-07	0.01990	0.85	0.00786	0.02776
MS1_0184 (MS)	565929.01	4222617.47	1.62E-02	2.36E-03	8.41E-07	0.01855	0.84	0.00730	0.02585
MS1_0439 (MS)	566079.01	4222547.47	1.59E-02	5.79E-03	8.40E-07	0.02167	0.84	0.00880	0.03047
MS1_0202 (MS)	565939.01	4222607.47	1.59E-02	2.43E-03	8.28E-07	0.01835	0.83	0.00722	0.02557
MS1_0298 (MS)	565989.01	4222577.47	1.58E-02	3.06E-03	8.24E-07	0.01886	0.82	0.00744	0.02630
MS1_0380 (MS)	566039.01	4222557.47	1.57E-02	4.22E-03	8.24E-07	0.01992	0.82	0.00791	0.02783
MS1_0261 (MS)	565969.01	4222587.47	1.58E-02	2.76E-03	8.23E-07	0.01856	0.82	0.00731	0.02587
MS1_0332 (MS)	566009.01	4222567.47	1.56E-02	3.41E-03	8.16E-07	0.01902	0.82	0.00752	0.02654
MS1_0425 (MS)	566069.01	4222547.47	1.55E-02	5.11E-03	8.15E-07	0.02056	0.82	0.00828	0.02884
MS1_0221 (MS)	565949.01	4222597.47	1.56E-02	2.50E-03	8.11E-07	0.01808	0.81	0.00712	0.02520
MS1_0150 (MS)	565909.01	4222627.47	1.55E-02	2.16E-03	8.07E-07	0.01770	0.81	0.00696	0.02466
MS1_0166 (MS)	565919.01	4222617.47	1.54E-02	2.22E-03	8.01E-07	0.01764	0.80	0.00694	0.02458
MS1_0364 (MS)	566029.01	4222557.47	1.53E-02	3.79E-03	7.99E-07	0.01904	0.80	0.00755	0.02659
MS1_0279 (MS)	565979.01	4222577.47	1.52E-02	2.82E-03	7.93E-07	0.01803	0.79	0.00711	0.02514
MS1_0410 (MS)	566059.01	4222547.47	1.51E-02	4.55E-03	7.92E-07	0.01960	0.79	0.00786	0.02746
MS1_0183 (MS)	565929.01	4222607.47	1.52E-02	2.28E-03	7.90E-07	0.01748	0.79	0.00688	0.02436
MS1_0241 (MS)	565959.01	4222587.47	1.52E-02	2.56E-03	7.89E-07	0.01772	0.79	0.00698	0.02470
MS1_0315 (MS)	565999.01	4222567.47	1.51E-02	3.12E-03	7.88E-07	0.01821	0.79	0.00720	0.02541
MS1_0446 (MS)	566089.01	4222537.47	1.49E-02	5.16E-03	7.85E-07	0.02001	0.78	0.00825	0.02826
MS1_0201 (MS)	565939.01	4222597.47	1.49E-02	2.34E-03	7.76E-07	0.01725	0.78	0.00679	0.02404
MS1_0348 (MS)	566019.01	4222557.47	1.48E-02	3.44E-03	7.74E-07	0.01823	0.77	0.00723	0.02546
MS1_0395 (MS)	566049.01	4222547.47	1.47E-02	4.10E-03	7.71E-07	0.01878	0.77	0.00751	0.02629
MS1_0438 (MS)	566079.01	4222537.47	1.45E-02	4.74E-03	7.64E-07	0.01923	0.76	0.00791	0.02714
MS1_0149 (MS)	565909.01	4222617.47	1.47E-02	2.09E-03	7.64E-07	0.01679	0.76	0.00661	0.02340
MS1_0260 (MS)	565969.01	4222577.47	1.47E-02	2.61E-03	7.63E-07	0.01726	0.76	0.00681	0.02407
MS1_0297 (MS)	565989.01	4222567.47	1.46E-02	2.87E-03	7.61E-07	0.01746	0.76	0.00690	0.02436
MS1_0220 (MS)	565949.01	4222587.47	1.45E-02	2.39E-03	7.57E-07	0.01693	0.76	0.00667	0.02360
MS1_0165 (MS)	565919.01	4222607.47	1.45E-02	2.15E-03	7.55E-07	0.01668	0.76	0.00657	0.02325
MS1_0379 (MS)	566039.01	4222547.47	1.43E-02	3.72E-03	7.52E-07	0.01805	0.75	0.00720	0.02525
MS1_0331 (MS)	566009.01	4222557.47	1.44E-02	3.14E-03	7.50E-07	0.01749	0.75	0.00693	0.02442
MS1_0424 (MS)	566069.01	4222537.47	1.41E-02	4.28E-03	7.43E-07	0.01840	0.74	0.00749	0.02589
MS1_0182 (MS)	565929.01	4222597.47	1.43E-02	2.19E-03	7.43E-07	0.01647	0.74	0.00649	0.02296
MS1_0278 (MS)	565979.01	4222567.47	1.41E-02	2.65E-03	7.35E-0				

MS1_0200 (MS)	565939.01	4222587.47	1.40E-02	2.24E-03	7.27E-07	0.01621	0.73	0.00639	0.02260
MS1_0409 (MS)	566059.01	4222537.47	1.38E-02	3.89E-03	7.24E-07	0.01767	0.72	0.00715	0.02482
MS1_0148 (MS)	565909.01	4222607.47	1.39E-02	2.02E-03	7.22E-07	0.01591	0.72	0.00627	0.02218
MS1_0445 (MS)	566089.01	4222527.47	1.36E-02	4.24E-03	7.16E-07	0.01782	0.72	0.00747	0.02529
MS1_0164 (MS)	565919.01	4222597.47	1.37E-02	2.07E-03	7.12E-07	0.01576	0.71	0.00621	0.02197
MS1_0347 (MS)	566019.01	4222547.47	1.36E-02	3.10E-03	7.11E-07	0.01669	0.71	0.00664	0.02333
MS1_0259 (MS)	565969.01	4222567.47	1.36E-02	2.46E-03	7.10E-07	0.01608	0.71	0.00636	0.02244
MS1_0394 (MS)	566049.01	4222537.47	1.35E-02	3.56E-03	7.07E-07	0.01704	0.71	0.00686	0.02390
MS1_0219 (MS)	565949.01	4222577.47	1.36E-02	2.27E-03	7.07E-07	0.01585	0.71	0.00626	0.02211
MS1_0296 (MS)	565989.01	4222557.47	1.35E-02	2.66E-03	7.05E-07	0.01616	0.70	0.00640	0.02256
MS1_0437 (MS)	566079.01	4222527.47	1.33E-02	3.97E-03	6.98E-07	0.01724	0.70	0.00719	0.02443
MS1_0181 (MS)	565929.01	4222587.47	1.34E-02	2.10E-03	6.98E-07	0.01552	0.70	0.00612	0.02164
MS1_0330 (MS)	566009.01	4222547.47	1.32E-02	2.86E-03	6.91E-07	0.01608	0.69	0.00640	0.02248
MS1_0378 (MS)	566039.01	4222537.47	1.32E-02	3.28E-03	6.91E-07	0.01646	0.69	0.00660	0.02306
MS1_0132 (MS)	565899.01	4222607.47	1.33E-02	1.91E-03	6.90E-07	0.01519	0.69	0.00598	0.02117
MS1_0239 (MS)	565959.01	4222567.47	1.32E-02	2.30E-03	6.85E-07	0.01545	0.69	0.00611	0.02156
MS1_0277 (MS)	565979.01	4222557.47	1.31E-02	2.48E-03	6.83E-07	0.01557	0.68	0.00616	0.02173
MS1_0147 (MS)	565909.01	4222597.47	1.31E-02	1.95E-03	6.83E-07	0.01508	0.68	0.00594	0.02102
MS1_0199 (MS)	565939.01	4222577.47	1.31E-02	2.13E-03	6.81E-07	0.01521	0.68	0.00601	0.02122
MS1_0423 (MS)	566069.01	4222527.47	1.30E-02	3.63E-03	6.81E-07	0.01658	0.68	0.00682	0.02340
MS1_0362 (MS)	566029.01	4222537.47	1.29E-02	3.02E-03	6.74E-07	0.01589	0.67	0.00636	0.02225
MS1_0313 (MS)	565999.01	4222547.47	1.29E-02	2.65E-03	6.72E-07	0.01551	0.67	0.00616	0.02167
MS1_0163 (MS)	565919.01	4222587.47	1.29E-02	1.98E-03	6.71E-07	0.01488	0.67	0.00587	0.02075
MS1_0408 (MS)	566059.01	4222527.47	1.27E-02	3.35E-03	6.65E-07	0.01602	0.66	0.00654	0.02256
MS1_0218 (MS)	565949.01	4222567.47	1.27E-02	2.15E-03	6.61E-07	0.01485	0.66	0.00587	0.02072
MS1_0258 (MS)	565969.01	4222557.47	1.27E-02	2.31E-03	6.61E-07	0.01499	0.66	0.00594	0.02093
MS1_0117 (MS)	565889.01	4222607.47	1.27E-02	1.81E-03	6.60E-07	0.01451	0.66	0.00571	0.02022
MS1_0346 (MS)	566019.01	4222537.47	1.26E-02	2.80E-03	6.57E-07	0.01536	0.66	0.00614	0.02150
MS1_0180 (MS)	565929.01	4222577.47	1.26E-02	2.01E-03	6.56E-07	0.01462	0.66	0.00577	0.02039
MS1_0131 (MS)	565899.01	4222597.47	1.26E-02	1.84E-03	6.54E-07	0.01442	0.65	0.00568	0.02010
MS1_0295 (MS)	565989.01	4222547.47	1.25E-02	2.46E-03	6.53E-07	0.01497	0.65	0.00595	0.02092
MS1_0393 (MS)	566049.01	4222527.47	1.24E-02	3.11E-03	6.51E-07	0.01552	0.65	0.00629	0.02181
MS1_0146 (MS)	565909.01	4222587.47	1.24E-02	1.87E-03	6.45E-07	0.01427	0.64	0.00563	0.01990
MS1_0436 (MS)	566079.01	4222517.47	1.22E-02	3.41E-03	6.41E-07	0.01560	0.64	0.00659	0.02219
MS1_0329 (MS)	566009.01	4222537.47	1.23E-02	2.60E-03	6.40E-07	0.01485	0.64	0.00593	0.02078
MS1_0238 (MS)	565959.01	4222557.47	1.23E-02	2.16E-03	6.39E-07	0.01443	0.64	0.00572	0.02015
MS1_0198 (MS)	565939.01	4222567.47	1.23E-02	2.02E-03	6.39E-07	0.01429	0.64	0.00565	0.01994
MS1_0377 (MS)	566039.01	4222527.47	1.22E-02	2.89E-03	6.36E-07	0.01504	0.64	0.00608	0.02112
MS1_0276 (MS)	565979.01	4222547.47	1.22E-02	2.30E-03	6.35E-07	0.01447	0.63	0.00574	0.02021
MS1_0162 (MS)	565919.01	4222577.47	1.22E-02	1.89E-03	6.32E-07	0.01404	0.63	0.00554	0.01958
MS1_0116 (MS)	565889.01	4222597.47	1.21E-02	1.75E-03	6.27E-07	0.01382	0.63	0.00544	0.01926
MS1_0422 (MS)	566069.01	4222517.47	1.19E-02	3.14E-03	6.26E-07	0.01506	0.63	0.00626	0.02132
MS1_0312 (MS)	565999.01	4222537.47	1.20E-02	2.43E-03	6.24E-07	0.01438	0.62	0.00573	0.02011
MS1_0361 (MS)	566029.01	4222527.47	1.19E-02	2.70E-03	6.23E-07	0.01460	0.62	0.00588	0.02048
MS1_0130 (MS)	565899.01	4222587.47	1.19E-02	1.77E-03	6.20E-07	0.01369	0.62	0.00540	0.01909
MS1_0217 (MS)	565949.01	4222557.47	1.19E-02	2.03E-03	6.19E-07	0.01391	0.62	0.00551	0.01942
MS1_0179 (MS)	565929.01	4222567.47	1.19E-02	1.91E-03	6.17E-07	0.01376	0.62	0.00544	0.01920
MS1_0257 (MS)	565969.01	4222547.47	1.18E-02	2.16E-03	6.16E-07	0.01398	0.62	0.00555	0.01953
MS1_0407 (MS)	566059.01	4222517.47	1.17E-02	2.92E-03	6.12E-07	0.01460	0.61	0.00601	0.02061
MS1_0145 (MS)	565909.01	4222577.47	1.17E-02	1.79E-03	6.09E-07	0.01350	0.61	0.00533	0.01883
MS1_0345 (MS)	566019.01	4222527.47	1.16E-02	2.52E-03	6.09E-07	0.01416	0.61	0.00569	0.01985
MS1_0294 (MS)	565989.01	4222537.47	1.16E-02	2.27E-03	6.07E-07	0.01391	0.61	0.00554	0.01945
MS1_0102 (MS)	565879.01	4222597.47	1.16E-02	1.66E-03	6.02E-07	0.01325	0.60	0.00522	0.01847
MS1_0392 (MS)	566049.01	4222517.47	1.15E-02	2.73E-03	6.00E-07	0.01418	0.60	0.00580	0.01998
MS1_0197 (MS)	565939.01	4222557.47	1.15E-02	1.91E-03	5.99E-07	0.01341	0.60	0.00531	0.01872
MS1_0237 (MS)	565959.01	4222547.47	1.15E-02	2.03E-03	5.98E-07	0.01350	0.60	0.00535	0.01885
MS1_0115 (MS)	565889.01	4222587.47	1.15E-02	1.68E-03	5.96E-07	0.01315	0.60	0.00519	0.01834
MS1_0161 (MS)	565919.01	4222567.47	1.14E-02	1.80E-03	5.95E-07	0.01324	0.60	0.00524	0.01848
MS1_0328 (MS)	566009.01	4222527.47	1.14E-02	2.37E-03	5.95E-07	0.01376	0.60	0.00551	0.01927
MS1_0275 (MS)	565979.01	4222537.47	1.13E-02	2.13E-03	5.91E-07	0.01347	0.59	0.00536	0.01883
MS1_0435 (MS)	566079.01	4222507.47	1.13E-02	3.01E-03	5.91E-07	0.01427	0.59	0.00612	0.02039
MS1_0376 (MS)	566039.01	4222517.47	1.12E-02	2.57E-03	5.88E-07	0.01381	0.59	0.00561	0.01942
MS1_0129 (MS)	565899.01	4222577.47	1.13E-02	1.70E-03	5.87E-07	0.01299	0.59	0.00513	0.01812
MS1_0311 (MS)	565999.01	4222527.47	1.11E-02	2.22E-03	5.81E-07	0.01334	0.58	0.00534	0.01868
MS1_0178 (MS)	565929.01	4222557.47	1.11E-02	1.81E-03	5.80E-07	0.01295	0.58	0.00512	0.01807
MS1_0216 (MS)	565949.01	4222547.47	1.11E-02	1.91E-03	5.80E-07	0.01304	0.58	0.00517	0.01821
MS1_0421 (MS)	566069.01	4222507.47	1.10E-02	2.77E-03	5.78E-07	0.01379	0.58	0.00580	0.01959
MS1_0360 (MS)	566029.01	4222517.47	1.10E-02	2.42E-03	5.76E-07	0.01344	0.58	0.00544	0.01888
MS1_0256 (MS)	565969.01	4222537.47	1.10E-02	2.01E-03	5.76E-07	0.01305	0.58	0.00519	0.01824
MS1_0144 (MS)	565909.01	4222567.47	1.11E-02	1.71E-03	5.75E-07	0.01277	0.58	0.00505	0.01782
MS1_0101 (MS)	565879.01	4222587.47	1.10E-02	1.60E-03	5.74E-07	0.01264	0.57	0.00499	0.01763
MS1_0114 (MS)	565889.01	4222577.47	1.09E-02	1.62E-03	5.66E-07	0.01251	0.57	0.00494	0.01745
MS1_0293 (MS)	565989.01	4222527.47	1.09E-02	2.09E-03	5.66E-07	0.01294	0.57	0.00517	0.01811
MS1_0406 (MS)	566059.01	4222507.47	1.08E-02	2.58E-03	5.66E-07	0.01338	0.57	0.00556	0.01894
MS1_0344 (MS)	566019.01	4222517.47	1.08E-02	2.28E-03	5.65E-07	0.01309	0.56	0.00528	0.01837
MS1_0196 (MS)	565939.01	4222547.47	1.08E-02	1.80E-03	5.62E-07	0.01260	0.56	0.00500	0.01760
MS1_0160 (MS)	565919.01	4222557.47	1.08E-02	1.71E-03	5.61E-07	0.01249	0.56	0.00494	0.01743
MS1_0236 (MS)	565959.01	4222537.47	1.07E-02	1.90E-03	5.60E-07	0.01264	0.56	0.00502	0.01766
MS1_0128 (MS)	565899.01	4222567.47	1.07E-02	1.63E-03	5.55E-07	0.01231	0.56	0.00486	0.01717
MS1_0391 (MS)	566049.01	4222507.47	1.06E-02	2.43E-03	5.55E-07	0.01304	0.56	0.00537	0.01841
MS1_0327 (MS)	566009.01	4222517.47	1.06E-02	2.15E-03	5.54E-07	0.01275	0.55	0.00513	0.01788
MS1_0088 (MS)	565869.01	4222587.47	1.06E-02	1.53E-03	5.53E-07	0.01217	0.55	0.00480	0.01697
MS1_0274 (MS)	565979.01	4222527.47	1.06E-02	1.97E-03	5.52E-07	0.01255	0.55	0.00501	0.01756
MS1_0434 (MS)	566079.01	4222497.47	1.04E-02	2.72E-03	5.47E-07	0.01315	0.55	0.00571	0.01886
MS1_0100 (MS)	565879.01	4222577.47	1.05E-02	1.54E-03	5.46E-07	0.01205	0.55	0.00476	0.01681
MS1_0177 (MS)	565929.01	4222547.47	1.05E-02	1.71E-03	5.45E-07	0.01218	0.54	0.00483	0.01701
MS1_0375 (MS)	566039.01	4222507.47	1.04E-02	2.29E-03	5.45E-07	0.01271	0.54	0.00520	0.01791
MS1_0215 (MS)	565949.01	4222537.47	1.04E-02	1.79E-03	5.44E-07	0.01223	0.54	0.00486	0.01709
MS1_0143 (MS)	565909.01	4222557.47	1.04E-02	1.63E-03	5.43E-07	0.01207	0.54	0.00477	0.01684
MS1_0310 (MS)	565999.01	4222517.47	1.04E-02	2.04E-03	5.41E-07	0.01241	0.54	0.00498	0.01739
MS1_0255 (MS)	565969.01	4222527.47	1.03E-02	1.87E-03	5.38E-07	0.01219	0.54	0.00486	0.01705
MS1_0113 (MS)	565889.01	4222567.47	1.03E-02	1.55E-03	5.37E-07	0.01188	0.54	0.00469	0.01657
MS1_0420 (MS)	566069.01	4222497.47	1.02E-02	2.48E-03	5.35E-07	0.01269	0.53	0.00540	0.01809
MS1_0359 (MS)	566029.01	4222507.47	1.02E-02	2.17E-03	5.35E-0				

MS1_0127 (MS)	565899.01	4222557.47	1.01E-02	1.55E-03	5.26E-07	0.01166	0.53	0.00461	0.01627
MS1_0405 (MS)	566059.01	4222497.47	1.00E-02	2.31E-03	5.24E-07	0.01233	0.52	0.00517	0.01750
MS1_0343 (MS)	566019.01	4222507.47	1.00E-02	2.06E-03	5.24E-07	0.01210	0.52	0.00491	0.01701
MS1_0235 (MS)	565959.01	4222527.47	1.01E-02	1.77E-03	5.24E-07	0.01183	0.52	0.00472	0.01655
MS1_0099 (MS)	565879.01	4222567.47	9.98E-03	1.48E-03	5.19E-07	0.01146	0.52	0.00453	0.01599
MS1_0273 (MS)	565979.01	4222517.47	9.88E-03	1.83E-03	5.15E-07	0.01171	0.52	0.00469	0.01640
MS1_0390 (MS)	566049.01	4222497.47	9.84E-03	2.18E-03	5.15E-07	0.01202	0.51	0.00499	0.01701
MS1_0176 (MS)	565929.01	4222537.47	9.88E-03	1.62E-03	5.14E-07	0.01150	0.51	0.00457	0.01607
MS1_0326 (MS)	566009.01	4222507.47	9.85E-03	1.96E-03	5.14E-07	0.01181	0.51	0.00478	0.01659
MS1_0142 (MS)	565909.01	4222547.47	9.86E-03	1.55E-03	5.13E-07	0.01141	0.51	0.00452	0.01593
MS1_0214 (MS)	565949.01	4222527.47	9.81E-03	1.68E-03	5.11E-07	0.01149	0.51	0.00458	0.01607
MS1_0075 (MS)	565859.01	4222577.47	9.80E-03	1.41E-03	5.09E-07	0.01121	0.51	0.00442	0.01563
MS1_0112 (MS)	565889.01	4222557.47	9.79E-03	1.48E-03	5.09E-07	0.01127	0.51	0.00446	0.01573
MS1_0433 (MS)	566079.01	4222487.47	9.69E-03	2.50E-03	5.08E-07	0.01219	0.51	0.00538	0.01757
MS1_0374 (MS)	566039.01	4222497.47	9.67E-03	2.07E-03	5.05E-07	0.01174	0.51	0.00484	0.01658
MS1_0309 (MS)	565999.01	4222507.47	9.66E-03	1.86E-03	5.04E-07	0.01152	0.50	0.00465	0.01617
MS1_0254 (MS)	565969.01	4222517.47	9.66E-03	1.73E-03	5.03E-07	0.01139	0.50	0.00456	0.01595
MS1_0086 (MS)	565869.01	4222567.47	9.66E-03	1.41E-03	5.02E-07	0.01107	0.50	0.00437	0.01544
MS1_0158 (MS)	565919.01	4222537.47	9.61E-03	1.54E-03	5.00E-07	0.01115	0.50	0.00443	0.01558
MS1_0194 (MS)	565939.01	4222527.47	9.57E-03	1.60E-03	4.98E-07	0.01117	0.50	0.00445	0.01562
MS1_0126 (MS)	565899.01	4222547.47	9.56E-03	1.47E-03	4.97E-07	0.01103	0.50	0.00437	0.01540
MS1_0419 (MS)	566069.01	4222487.47	9.49E-03	2.26E-03	4.97E-07	0.01175	0.50	0.00505	0.01680
MS1_0358 (MS)	566029.01	4222497.47	9.50E-03	1.97E-03	4.96E-07	0.01147	0.50	0.00470	0.01617
MS1_0291 (MS)	565989.01	4222507.47	9.45E-03	1.77E-03	4.93E-07	0.01122	0.49	0.00452	0.01574
MS1_0098 (MS)	565879.01	4222557.47	9.48E-03	1.41E-03	4.93E-07	0.01089	0.49	0.00431	0.01520
MS1_0234 (MS)	565959.01	4222517.47	9.44E-03	1.65E-03	4.92E-07	0.01109	0.49	0.00443	0.01552
MS1_0342 (MS)	566019.01	4222497.47	9.34E-03	1.87E-03	4.88E-07	0.01121	0.49	0.00457	0.01578
MS1_0404 (MS)	566059.01	4222487.47	9.31E-03	2.10E-03	4.87E-07	0.01141	0.49	0.00483	0.01624
MS1_0141 (MS)	565909.01	4222537.47	9.34E-03	1.47E-03	4.86E-07	0.01081	0.49	0.00429	0.01510
MS1_0175 (MS)	565929.01	4222527.47	9.33E-03	1.53E-03	4.86E-07	0.01086	0.49	0.00432	0.01518
MS1_0074 (MS)	565859.01	4222567.47	9.34E-03	1.35E-03	4.85E-07	0.01069	0.49	0.00422	0.01491
MS1_0111 (MS)	565889.01	4222547.47	9.28E-03	1.41E-03	4.83E-07	0.01069	0.48	0.00423	0.01492
MS1_0272 (MS)	565979.01	4222507.47	9.24E-03	1.69E-03	4.82E-07	0.01093	0.48	0.00439	0.01532
MS1_0213 (MS)	565949.01	4222517.47	9.23E-03	1.58E-03	4.81E-07	0.01081	0.48	0.00431	0.01512
MS1_0325 (MS)	566009.01	4222497.47	9.17E-03	1.79E-03	4.79E-07	0.01096	0.48	0.00445	0.01541
MS1_0389 (MS)	566049.01	4222487.47	9.15E-03	1.98E-03	4.78E-07	0.01113	0.48	0.00466	0.01579
MS1_0085 (MS)	565869.01	4222557.47	9.19E-03	1.35E-03	4.78E-07	0.01054	0.48	0.00417	0.01471
MS1_0157 (MS)	565919.01	4222527.47	9.09E-03	1.46E-03	4.73E-07	0.01055	0.47	0.00420	0.01475
MS1_0432 (MS)	566079.01	4222477.47	9.01E-03	2.34E-03	4.73E-07	0.01135	0.47	0.00509	0.01644
MS1_0125 (MS)	565899.01	4222537.47	9.08E-03	1.41E-03	4.72E-07	0.01049	0.47	0.00416	0.01465
MS1_0253 (MS)	565969.01	4222507.47	9.05E-03	1.61E-03	4.72E-07	0.01066	0.47	0.00428	0.01494
MS1_0063 (MS)	565849.01	4222567.47	9.05E-03	1.30E-03	4.70E-07	0.01035	0.47	0.00409	0.01444
MS1_0373 (MS)	566039.01	4222487.47	9.00E-03	1.88E-03	4.70E-07	0.01088	0.47	0.00451	0.01539
MS1_0193 (MS)	565939.01	4222517.47	9.02E-03	1.51E-03	4.70E-07	0.01053	0.47	0.00420	0.01473
MS1_0308 (MS)	565999.01	4222497.47	9.00E-03	1.71E-03	4.69E-07	0.01071	0.47	0.00434	0.01505
MS1_0097 (MS)	565879.01	4222547.47	9.00E-03	1.35E-03	4.68E-07	0.01035	0.47	0.00410	0.01445
MS1_0073 (MS)	565859.01	4222557.47	8.90E-03	1.29E-03	4.63E-07	0.01019	0.46	0.00403	0.01422
MS1_0418 (MS)	566069.01	4222477.47	8.83E-03	2.09E-03	4.62E-07	0.01092	0.46	0.00476	0.01568
MS1_0357 (MS)	566029.01	4222487.47	8.85E-03	1.79E-03	4.62E-07	0.01064	0.46	0.00439	0.01503
MS1_0233 (MS)	565959.01	4222507.47	8.86E-03	1.54E-03	4.62E-07	0.01040	0.46	0.00417	0.01457
MS1_0140 (MS)	565909.01	4222527.47	8.86E-03	1.40E-03	4.61E-07	0.01026	0.46	0.00408	0.01434
MS1_0290 (MS)	565989.01	4222497.47	8.83E-03	1.63E-03	4.60E-07	0.01046	0.46	0.00423	0.01469
MS1_0110 (MS)	565889.01	4222537.47	8.83E-03	1.35E-03	4.59E-07	0.01018	0.46	0.00403	0.01421
MS1_0174 (MS)	565929.01	4222517.47	8.81E-03	1.44E-03	4.59E-07	0.01025	0.46	0.00409	0.01434
MS1_0084 (MS)	565869.01	4222547.47	8.74E-03	1.29E-03	4.54E-07	0.01003	0.45	0.00397	0.01400
MS1_0341 (MS)	566019.01	4222487.47	8.70E-03	1.71E-03	4.54E-07	0.01041	0.45	0.00427	0.01468
MS1_0403 (MS)	566059.01	4222477.47	8.67E-03	1.94E-03	4.54E-07	0.01061	0.45	0.00454	0.01515
MS1_0212 (MS)	565949.01	4222507.47	8.67E-03	1.48E-03	4.52E-07	0.01015	0.45	0.00406	0.01421
MS1_0271 (MS)	565979.01	4222497.47	8.66E-03	1.56E-03	4.51E-07	0.01022	0.45	0.00412	0.01434
MS1_0062 (MS)	565849.01	4222557.47	8.64E-03	1.24E-03	4.49E-07	0.00988	0.45	0.00391	0.01379
MS1_0124 (MS)	565899.01	4222527.47	8.62E-03	1.34E-03	4.48E-07	0.00996	0.45	0.00396	0.01392
MS1_0156 (MS)	565919.01	4222517.47	8.61E-03	1.38E-03	4.48E-07	0.00999	0.45	0.00398	0.01397
MS1_0096 (MS)	565879.01	4222537.47	8.58E-03	1.29E-03	4.46E-07	0.00987	0.45	0.00391	0.01378
MS1_0324 (MS)	566009.01	4222487.47	8.55E-03	1.64E-03	4.46E-07	0.01019	0.45	0.00416	0.01435
MS1_0388 (MS)	566049.01	4222477.47	8.53E-03	1.82E-03	4.46E-07	0.01035	0.45	0.00437	0.01472
MS1_0252 (MS)	565969.01	4222497.47	8.49E-03	1.50E-03	4.42E-07	0.00999	0.44	0.00402	0.01401
MS1_0192 (MS)	565939.01	4222507.47	8.49E-03	1.42E-03	4.42E-07	0.00991	0.44	0.00396	0.01387
MS1_0072 (MS)	565859.01	4222547.47	8.48E-03	1.24E-03	4.41E-07	0.00972	0.44	0.00385	0.01357
MS1_0431 (MS)	566079.01	4222467.47	8.37E-03	2.08E-03	4.39E-07	0.01045	0.44	0.00468	0.01513
MS1_0307 (MS)	565999.01	4222487.47	8.41E-03	1.57E-03	4.39E-07	0.00998	0.44	0.00406	0.01404
MS1_0372 (MS)	566039.01	4222477.47	8.39E-03	1.73E-03	4.38E-07	0.01012	0.44	0.00423	0.01435
MS1_0139 (MS)	565909.01	4222517.47	8.40E-03	1.33E-03	4.37E-07	0.00973	0.44	0.00387	0.01360
MS1_0052 (MS)	565839.01	4222557.47	8.41E-03	1.20E-03	4.37E-07	0.00961	0.44	0.00380	0.01341
MS1_0109 (MS)	565889.01	4222527.47	8.40E-03	1.28E-03	4.37E-07	0.00968	0.44	0.00384	0.01352
MS1_0083 (MS)	565869.01	4222537.47	8.35E-03	1.24E-03	4.34E-07	0.00959	0.43	0.00380	0.01339
MS1_0232 (MS)	565959.01	4222497.47	8.32E-03	1.44E-03	4.33E-07	0.00976	0.43	0.00392	0.01368
MS1_0173 (MS)	565929.01	4222507.47	8.31E-03	1.36E-03	4.33E-07	0.00967	0.43	0.00386	0.01353
MS1_0356 (MS)	566029.01	4222477.47	8.26E-03	1.65E-03	4.31E-07	0.00991	0.43	0.00411	0.01402
MS1_0417 (MS)	566069.01	4222467.47	8.23E-03	1.97E-03	4.31E-07	0.01020	0.43	0.00451	0.01471
MS1_0289 (MS)	565989.01	4222487.47	8.26E-03	1.51E-03	4.31E-07	0.00977	0.43	0.00396	0.01373
MS1_0061 (MS)	565849.01	4222547.47	8.25E-03	1.19E-03	4.29E-07	0.00944	0.43	0.00374	0.01318
MS1_0123 (MS)	565899.01	4222517.47	8.19E-03	1.27E-03	4.26E-07	0.00946	0.43	0.00377	0.01323
MS1_0095 (MS)	565879.01	4222527.47	8.18E-03	1.23E-03	4.25E-07	0.00941	0.43	0.00374	0.01315
MS1_0211 (MS)	565949.01	4222497.47	8.16E-03	1.38E-03	4.25E-07	0.00954	0.42	0.00383	0.01337
MS1_0340 (MS)	566019.01	4222477.47	8.14E-03	1.58E-03	4.25E-07	0.00972	0.42	0.00401	0.01373
MS1_0402 (MS)	566059.01	4222467.47	8.09E-03	1.81E-03	4.23E-07	0.00990	0.42	0.00428	0.01418
MS1_0270 (MS)	565979.01	4222487.47	8.12E-03	1.45E-03	4.23E-07	0.00957	0.42	0.00387	0.01344
MS1_0155 (MS)	565919.01	4222507.47	8.13E-03	1.31E-03	4.23E-07	0.00944	0.42	0.00377	0.01321
MS1_0071 (MS)	565859.01	4222537.47	8.12E-03	1.19E-03	4.22E-07	0.00931	0.42	0.00369	0.01300
MS1_0323 (MS)	566009.01	4222477.47	8.01E-03	1.51E-03	4.18E-07	0.00952	0.42	0.00391	0.01343
MS1_0051 (MS)	565839.01	4222547.47	8.04E-03	1.15E-03	4.18E-07	0.00919	0.42	0.00364	0.01283
MS1_0191 (MS)	565939.01	4222497.47	8.00E-03	1.33E-03	4.16E-07	0.00933	0.42	0.00374	0.01307
MS1_0387 (MS)	566049.01	4222467.47	7.96E-03	1.69E-03	4.16E-07	0.00965	0.42	0.00411	0.01376
MS1_0108 (MS)	565889.01	4222517.47	7.99E-03	1.22E-03	4.16E-0				

MS1_0060 (MS)	565849.01	4222537.47	7.90E-03	1.15E-03	4.11E-07	0.00905	0.41	0.00358	0.01263
MS1_0371 (MS)	566039.01	4222467.47	7.84E-03	1.60E-03	4.09E-07	0.00944	0.41	0.00398	0.01342
MS1_0172 (MS)	565929.01	4222497.47	7.84E-03	1.28E-03	4.08E-07	0.00912	0.41	0.00365	0.01277
MS1_0231 (MS)	565959.01	4222487.47	7.83E-03	1.34E-03	4.08E-07	0.00917	0.41	0.00370	0.01287
MS1_0042 (MS)	565829.01	4222547.47	7.83E-03	1.11E-03	4.07E-07	0.00894	0.41	0.00354	0.01248
MS1_0094 (MS)	565879.01	4222517.47	7.80E-03	1.18E-03	4.06E-07	0.00898	0.41	0.00357	0.01255
MS1_0288 (MS)	565989.01	4222477.47	7.76E-03	1.40E-03	4.04E-07	0.00916	0.40	0.00373	0.01289
MS1_0122 (MS)	565899.01	4222507.47	7.77E-03	1.21E-03	4.04E-07	0.00898	0.40	0.00358	0.01256
MS1_0070 (MS)	565859.01	4222527.47	7.77E-03	1.14E-03	4.04E-07	0.00891	0.40	0.00354	0.01245
MS1_0355 (MS)	566029.01	4222467.47	7.72E-03	1.53E-03	4.03E-07	0.00925	0.40	0.00386	0.01311
MS1_0210 (MS)	565949.01	4222487.47	7.69E-03	1.29E-03	4.00E-07	0.00898	0.40	0.00361	0.01259
MS1_0050 (MS)	565839.01	4222537.47	7.70E-03	1.11E-03	4.00E-07	0.00881	0.40	0.00349	0.01230
MS1_0154 (MS)	565919.01	4222497.47	7.68E-03	1.23E-03	4.00E-07	0.00891	0.40	0.00357	0.01248
MS1_0269 (MS)	565979.01	4222477.47	7.63E-03	1.35E-03	3.98E-07	0.00898	0.40	0.00365	0.01263
MS1_0339 (MS)	566019.01	4222467.47	7.62E-03	1.46E-03	3.98E-07	0.00908	0.40	0.00377	0.01285
MS1_0081 (MS)	565869.01	4222517.47	7.61E-03	1.14E-03	3.96E-07	0.00875	0.40	0.00348	0.01223
MS1_0107 (MS)	565889.01	4222507.47	7.59E-03	1.16E-03	3.95E-07	0.00875	0.39	0.00349	0.01224
MS1_0059 (MS)	565849.01	4222527.47	7.57E-03	1.10E-03	3.93E-07	0.00867	0.39	0.00344	0.01211
MS1_0190 (MS)	565939.01	4222487.47	7.55E-03	1.25E-03	3.93E-07	0.00880	0.39	0.00353	0.01233
MS1_0322 (MS)	566009.01	4222467.47	7.52E-03	1.41E-03	3.92E-07	0.00893	0.39	0.00368	0.01261
MS1_0137 (MS)	565909.01	4222497.47	7.53E-03	1.19E-03	3.92E-07	0.00872	0.39	0.00348	0.01220
MS1_0250 (MS)	565969.01	4222477.47	7.51E-03	1.30E-03	3.91E-07	0.00881	0.39	0.00357	0.01238
MS1_0041 (MS)	565829.01	4222537.47	7.50E-03	1.07E-03	3.90E-07	0.00857	0.39	0.00339	0.01196
MS1_0305 (MS)	565999.01	4222467.47	7.41E-03	1.36E-03	3.86E-07	0.00877	0.39	0.00360	0.01237
MS1_0069 (MS)	565859.01	4222517.47	7.43E-03	1.10E-03	3.86E-07	0.00853	0.39	0.00339	0.01192
MS1_0093 (MS)	565879.01	4222507.47	7.42E-03	1.12E-03	3.86E-07	0.00854	0.39	0.00340	0.01194
MS1_0171 (MS)	565929.01	4222487.47	7.41E-03	1.20E-03	3.86E-07	0.00861	0.39	0.00346	0.01207
MS1_0230 (MS)	565959.01	4222477.47	7.38E-03	1.26E-03	3.84E-07	0.00864	0.38	0.00349	0.01213
MS1_0121 (MS)	565899.01	4222497.47	7.37E-03	1.15E-03	3.83E-07	0.00852	0.38	0.00340	0.01192
MS1_0049 (MS)	565839.01	4222527.47	7.37E-03	1.06E-03	3.83E-07	0.00843	0.38	0.00334	0.01177
MS1_0287 (MS)	565989.01	4222467.47	7.30E-03	1.31E-03	3.80E-07	0.00861	0.38	0.00352	0.01213
MS1_0033 (MS)	565819.01	4222537.47	7.30E-03	1.03E-03	3.79E-07	0.00833	0.38	0.00330	0.01163
MS1_0153 (MS)	565919.01	4222487.47	7.27E-03	1.16E-03	3.78E-07	0.00843	0.38	0.00338	0.01181
MS1_0209 (MS)	565949.01	4222477.47	7.26E-03	1.22E-03	3.78E-07	0.00848	0.38	0.00342	0.01190
MS1_0080 (MS)	565869.01	4222507.47	7.26E-03	1.08E-03	3.77E-07	0.00834	0.38	0.00332	0.01166
MS1_0058 (MS)	565849.01	4222517.47	7.25E-03	1.06E-03	3.77E-07	0.00831	0.38	0.00330	0.01161
MS1_0106 (MS)	565889.01	4222497.47	7.21E-03	1.11E-03	3.75E-07	0.00832	0.37	0.00332	0.01164
MS1_0268 (MS)	565979.01	4222467.47	7.19E-03	1.26E-03	3.75E-07	0.00845	0.37	0.00345	0.01190
MS1_0040 (MS)	565829.01	4222527.47	7.18E-03	1.03E-03	3.73E-07	0.00821	0.37	0.00325	0.01146
MS1_0189 (MS)	565939.01	4222477.47	7.13E-03	1.18E-03	3.71E-07	0.00831	0.37	0.00335	0.01166
MS1_0136 (MS)	565909.01	4222487.47	7.13E-03	1.12E-03	3.71E-07	0.00825	0.37	0.00330	0.01155
MS1_0068 (MS)	565859.01	4222507.47	7.10E-03	1.05E-03	3.69E-07	0.00815	0.37	0.00324	0.01139
MS1_0249 (MS)	565969.01	4222467.47	7.08E-03	1.22E-03	3.69E-07	0.00830	0.37	0.00338	0.01168
MS1_0092 (MS)	565879.01	4222497.47	7.06E-03	1.07E-03	3.67E-07	0.00813	0.37	0.00324	0.01137
MS1_0048 (MS)	565839.01	4222517.47	7.06E-03	1.02E-03	3.67E-07	0.00808	0.37	0.00321	0.01129
MS1_0170 (MS)	565929.01	4222477.47	7.00E-03	1.14E-03	3.64E-07	0.00814	0.36	0.00328	0.01142
MS1_0032 (MS)	565819.01	4222527.47	7.00E-03	9.90E-04	3.64E-07	0.00799	0.36	0.00316	0.01115
MS1_0120 (MS)	565899.01	4222487.47	6.99E-03	1.09E-03	3.64E-07	0.00808	0.36	0.00323	0.01131
MS1_0229 (MS)	565959.01	4222467.47	6.97E-03	1.18E-03	3.63E-07	0.00815	0.36	0.00331	0.01146
MS1_0057 (MS)	565849.01	4222507.47	6.93E-03	1.01E-03	3.60E-07	0.00794	0.36	0.00316	0.01110
MS1_0079 (MS)	565869.01	4222497.47	6.92E-03	1.03E-03	3.60E-07	0.00795	0.36	0.00317	0.01112
MS1_0152 (MS)	565919.01	4222477.47	6.88E-03	1.10E-03	3.58E-07	0.00798	0.36	0.00321	0.01119
MS1_0039 (MS)	565829.01	4222517.47	6.88E-03	9.80E-04	3.57E-07	0.00786	0.36	0.00312	0.01098
MS1_0208 (MS)	565949.01	4222467.47	6.86E-03	1.14E-03	3.57E-07	0.00800	0.36	0.00324	0.01124
MS1_0105 (MS)	565889.01	4222487.47	6.86E-03	1.05E-03	3.57E-07	0.00791	0.36	0.00316	0.01107
MS1_0025 (MS)	565809.01	4222527.47	6.81E-03	9.60E-04	3.54E-07	0.00777	0.35	0.00308	0.01085
MS1_0067 (MS)	565859.01	4222497.47	6.77E-03	1.00E-03	3.52E-07	0.00777	0.35	0.00310	0.01087
MS1_0188 (MS)	565939.01	4222467.47	6.75E-03	1.11E-03	3.51E-07	0.00786	0.35	0.00317	0.01103
MS1_0047 (MS)	565839.01	4222507.47	6.76E-03	9.80E-04	3.51E-07	0.00774	0.35	0.00307	0.01081
MS1_0135 (MS)	565909.01	4222477.47	6.75E-03	1.06E-03	3.51E-07	0.00781	0.35	0.00314	0.01095
MS1_0091 (MS)	565879.01	4222487.47	6.72E-03	1.02E-03	3.49E-07	0.00774	0.35	0.00309	0.01083
MS1_0031 (MS)	565819.01	4222517.47	6.70E-03	9.50E-04	3.48E-07	0.00765	0.35	0.00303	0.01068
MS1_0169 (MS)	565929.01	4222467.47	6.63E-03	1.07E-03	3.45E-07	0.00770	0.35	0.00311	0.01081
MS1_0119 (MS)	565899.01	4222477.47	6.63E-03	1.03E-03	3.45E-07	0.00766	0.34	0.00307	0.01073
MS1_0056 (MS)	565849.01	4222497.47	6.62E-03	9.70E-04	3.44E-07	0.00759	0.34	0.00302	0.01061
MS1_0078 (MS)	565869.01	4222487.47	6.59E-03	9.90E-04	3.43E-07	0.00758	0.34	0.00302	0.01060
MS1_0038 (MS)	565829.01	4222507.47	6.59E-03	9.50E-04	3.42E-07	0.00754	0.34	0.00299	0.01053
MS1_0151 (MS)	565919.01	4222467.47	6.52E-03	1.04E-03	3.39E-07	0.00756	0.34	0.00304	0.01060
MS1_0024 (MS)	565809.01	4222517.47	6.53E-03	9.20E-04	3.39E-07	0.00745	0.34	0.00296	0.01041
MS1_0104 (MS)	565889.01	4222477.47	6.51E-03	1.00E-03	3.39E-07	0.00751	0.34	0.00301	0.01052
MS1_0046 (MS)	565839.01	4222497.47	6.47E-03	9.40E-04	3.36E-07	0.00741	0.34	0.00295	0.01036
MS1_0066 (MS)	565859.01	4222487.47	6.46E-03	9.60E-04	3.36E-07	0.00742	0.34	0.00296	0.01038
MS1_0030 (MS)	565819.01	4222507.47	6.43E-03	9.20E-04	3.34E-07	0.00735	0.33	0.00292	0.01027
MS1_0134 (MS)	565909.01	4222467.47	6.40E-03	1.01E-03	3.33E-07	0.00741	0.33	0.00298	0.01039
MS1_0090 (MS)	565879.01	4222477.47	6.39E-03	9.70E-04	3.32E-07	0.00736	0.33	0.00295	0.01031
MS1_0018 (MS)	565799.01	4222517.47	6.37E-03	8.90E-04	3.31E-07	0.00726	0.33	0.00288	0.01014
MS1_0055 (MS)	565849.01	4222487.47	6.33E-03	9.30E-04	3.29E-07	0.00726	0.33	0.00289	0.01015
MS1_0037 (MS)	565829.01	4222497.47	6.32E-03	9.10E-04	3.28E-07	0.00723	0.33	0.00288	0.01011
MS1_0118 (MS)	565899.01	4222467.47	6.30E-03	9.80E-04	3.28E-07	0.00728	0.33	0.00292	0.01020
MS1_0077 (MS)	565869.01	4222477.47	6.28E-03	9.40E-04	3.27E-07	0.00722	0.33	0.00288	0.01010
MS1_0023 (MS)	565809.01	4222507.47	6.27E-03	8.90E-04	3.26E-07	0.00716	0.33	0.00284	0.01000
MS1_0045 (MS)	565839.01	4222487.47	6.20E-03	9.00E-04	3.22E-07	0.00710	0.32	0.00283	0.00993
MS1_0103 (MS)	565889.01	4222467.47	6.19E-03	9.50E-04	3.22E-07	0.00714	0.32	0.00286	0.01000
MS1_0029 (MS)	565819.01	4222497.47	6.17E-03	8.80E-04	3.21E-07	0.00705	0.32	0.00280	0.00985
MS1_0065 (MS)	565859.01	4222477.47	6.16E-03	9.10E-04	3.20E-07	0.00707	0.32	0.00283	0.00990
MS1_0017 (MS)	565799.01	4222507.47	6.12E-03	8.60E-04	3.18E-07	0.00698	0.32	0.00277	0.00975
MS1_0089 (MS)	565879.01	4222467.47	6.08E-03	9.20E-04	3.16E-07	0.00700	0.32	0.00281	0.00981
MS1_0036 (MS)	565829.01	4222487.47	6.06E-03	8.70E-04	3.15E-07	0.00693	0.31	0.00276	0.00969
MS1_0054 (MS)	565849.01	4222477.47	6.04E-03	8.90E-04	3.14E-07	0.00693	0.31	0.00276	0.00969
MS1_0022 (MS)	565809.01	4222497.47	6.02E-03	8.50E-04	3.13E-07	0.00687	0.31	0.00273	0.00960
MS1_0076 (MS)	565869.01	4222467.47	5.98E-03	9.00E-04	3.11E-07	0.00688	0.31	0.00275	0.00963
MS1_0012 (MS)	565789.01	4222507.47	5.98E-03	8.30E-04	3.11E-07	0.00681	0.31	0.00270	0.00951
MS1_0028 (MS)	565819.01	4222487.47	5.93E-03	8.50E-04	3.08E-07	0.00678	0.31	0.00269	0.00947
MS1_0044 (MS)	565839.01	4222477.47	5.92E-03	8.60E-04	3.08E-0				

MS1_0053 (MS)	565849.01	4222467.47	5.77E-03	8.50E-04	3.00E-07	0.00662	0.30	0.00264	0.00926
MS1_0011 (MS)	565789.01	4222497.47	5.74E-03	8.00E-04	2.98E-07	0.00654	0.30	0.00260	0.00914
MS1_0027 (MS)	565819.01	4222477.47	5.67E-03	8.10E-04	2.95E-07	0.00648	0.29	0.00258	0.00906
MS1_0043 (MS)	565839.01	4222467.47	5.65E-03	8.20E-04	2.94E-07	0.00647	0.29	0.00258	0.00905
MS1_0015 (MS)	565799.01	4222487.47	5.65E-03	7.90E-04	2.94E-07	0.00644	0.29	0.00256	0.00900
MS1_0007 (MS)	565779.01	4222497.47	5.61E-03	7.80E-04	2.91E-07	0.00639	0.29	0.00254	0.00893
MS1_0034 (MS)	565829.01	4222467.47	5.54E-03	8.00E-04	2.88E-07	0.00634	0.29	0.00253	0.00887
MS1_0020 (MS)	565809.01	4222477.47	5.54E-03	7.90E-04	2.88E-07	0.00633	0.29	0.00252	0.00885
MS1_0010 (MS)	565789.01	4222487.47	5.52E-03	7.70E-04	2.87E-07	0.00629	0.29	0.00250	0.00879
MS1_0026 (MS)	565819.01	4222467.47	5.42E-03	7.80E-04	2.82E-07	0.00620	0.28	0.00247	0.00867
MS1_0014 (MS)	565799.01	4222477.47	5.42E-03	7.60E-04	2.82E-07	0.00618	0.28	0.00246	0.00864
MS1_0006 (MS)	565779.01	4222487.47	5.40E-03	7.50E-04	2.81E-07	0.00615	0.28	0.00244	0.00859
MS1_0019 (MS)	565809.01	4222467.47	5.31E-03	7.50E-04	2.76E-07	0.00606	0.28	0.00242	0.00848
MS1_0009 (MS)	565789.01	4222477.47	5.30E-03	7.40E-04	2.75E-07	0.00604	0.28	0.00240	0.00844
MS1_0003 (MS)	565769.01	4222487.47	5.28E-03	7.30E-04	2.74E-07	0.00601	0.27	0.00239	0.00840
MS1_0013 (MS)	565799.01	4222467.47	5.20E-03	7.30E-04	2.70E-07	0.00593	0.27	0.00236	0.00829
MS1_0005 (MS)	565779.01	4222477.47	5.19E-03	7.20E-04	2.70E-07	0.00591	0.27	0.00235	0.00826
MS1_0008 (MS)	565789.01	4222467.47	5.09E-03	7.10E-04	2.64E-07	0.00580	0.26	0.00231	0.00811
MS1_0002 (MS)	565769.01	4222477.47	5.09E-03	7.00E-04	2.64E-07	0.00579	0.26	0.00230	0.00809
MS1_0004 (MS)	565779.01	4222467.47	4.99E-03	6.90E-04	2.59E-07	0.00568	0.26	0.00226	0.00794
MS1_0001 (MS)	565769.01	4222467.47	4.90E-03	6.80E-04	2.55E-07	0.00558	0.25	0.00222	0.00780
On-site Middle School Receptors									
P2_OS_0154 (OS)	566272.47	4222761.30	4.96E-01	2.17E-02	2.55E-05	0.51739	25.55	0.20171	0.71910
P2_OS_0151 (OS)	566272.47	4222731.30	4.94E-01	1.29E-02	2.54E-05	0.50714	25.43	0.19759	0.70473
P2_OS_0135 (OS)	566262.47	4222731.3	4.94E-01	1.45E-02	2.54E-05	0.50847	25.43	0.19808	0.70655
P2_OS_0150 (OS)	566272.47	4222721.3	4.93E-01	1.13E-02	2.54E-05	0.50409	25.35	0.19639	0.70048
P2_OS_0138 (OS)	566262.47	4222761.3	4.91E-01	2.76E-02	2.53E-05	0.51868	25.33	0.20204	0.72072
P2_OS_0166 (OS)	566282.47	4222721.3	4.91E-01	1.04E-02	2.53E-05	0.50169	25.27	0.19549	0.69718
P2_OS_0136 (OS)	566262.47	4222741.3	4.90E-01	1.75E-02	2.53E-05	0.50779	25.25	0.19781	0.70560
P2_OS_0134 (OS)	566262.47	4222721.3	4.90E-01	1.24E-02	2.52E-05	0.50225	25.21	0.19566	0.69791
P2_OS_0152 (OS)	566272.47	4222741.3	4.89E-01	1.51E-02	2.52E-05	0.50420	25.18	0.19647	0.70067
P2_OS_0121 (OS)	566252.47	4222731.30	4.89E-01	1.65E-02	2.52E-05	0.50499	25.16	0.19669	0.70168
P2_OS_0167 (OS)	566282.47	4222731.3	4.89E-01	1.16E-02	2.51E-05	0.50021	25.14	0.19495	0.69516
P2_OS_0165 (OS)	566282.47	4222711.3	4.87E-01	9.50E-03	2.51E-05	0.49687	25.07	0.19359	0.69046
P2_OS_0181 (OS)	566292.47	4222711.3	4.86E-01	8.83E-03	2.50E-05	0.49450	24.98	0.19269	0.68719
P2_OS_0149 (OS)	566272.47	4222711.3	4.85E-01	1.02E-02	2.49E-05	0.49514	24.94	0.19291	0.68805
P2_OS_0122 (OS)	566252.47	4222741.3	4.84E-01	2.07E-02	2.49E-05	0.50434	24.92	0.19641	0.70075
P2_OS_0182 (OS)	566292.47	4222721.3	4.84E-01	9.57E-03	2.49E-05	0.49392	24.91	0.19252	0.68644
P2_OS_0120 (OS)	566252.47	4222721.3	4.83E-01	1.35E-02	2.49E-05	0.49680	24.87	0.19353	0.69033
P2_OS_0180 (OS)	566292.47	4222701.3	4.80E-01	8.27E-03	2.47E-05	0.48868	24.70	0.19040	0.67908
P2_OS_0168 (OS)	566282.47	4222741.3	4.80E-01	1.32E-02	2.47E-05	0.49299	24.69	0.19220	0.68519
P2_OS_0133 (OS)	566262.47	4222711.3	4.79E-01	1.10E-02	2.46E-05	0.48994	24.64	0.19087	0.68081
P2_OS_0197 (OS)	566302.47	4222711.3	4.79E-01	8.21E-03	2.46E-05	0.48672	24.61	0.18971	0.67643
P2_OS_0164 (OS)	566282.47	4222701.3	4.78E-01	8.87E-03	2.46E-05	0.48732	24.61	0.18986	0.67718
P2_OS_0137 (OS)	566262.47	4222751.30	4.77E-01	2.17E-02	2.46E-05	0.49903	24.60	0.19439	0.69342
P2_OS_0196 (OS)	566302.47	4222701.3	4.78E-01	7.70E-03	2.46E-05	0.48562	24.57	0.18924	0.67486
P2_OS_0109 (OS)	566242.47	4222731.3	4.77E-01	1.89E-02	2.46E-05	0.49585	24.57	0.19311	0.68896
P2_OS_0153 (OS)	566272.47	4222751.30	4.76E-01	1.80E-02	2.45E-05	0.49443	24.54	0.19271	0.68714
P2_OS_0183 (OS)	566292.47	4222731.3	4.76E-01	1.06E-02	2.45E-05	0.48674	24.50	0.18978	0.67652
P2_OS_0108 (OS)	566242.47	4222721.3	4.73E-01	1.49E-02	2.43E-05	0.48782	24.35	0.19004	0.67786
P2_OS_0195 (OS)	566302.47	4222691.3	4.73E-01	7.27E-03	2.43E-05	0.48032	24.32	0.18716	0.66748
P2_OS_0148 (OS)	566272.47	4222701.30	4.73E-01	9.49E-03	2.43E-05	0.48230	24.32	0.18790	0.67020
P2_OS_0179 (OS)	566292.47	4222691.3	4.73E-01	7.83E-03	2.43E-05	0.48038	24.30	0.18716	0.66754
P2_OS_0198 (OS)	566302.47	4222721.3	4.71E-01	8.87E-03	2.42E-05	0.47954	24.21	0.18699	0.66653
P2_OS_0119 (OS)	566252.47	4222711.3	4.70E-01	1.17E-02	2.42E-05	0.48162	24.18	0.18765	0.66927
P2_OS_0213 (OS)	566312.47	4222701.3	4.70E-01	7.18E-03	2.42E-05	0.47728	24.17	0.18603	0.66331
P2_OS_0212 (OS)	566312.47	4222691.3	4.68E-01	6.76E-03	2.41E-05	0.47515	24.08	0.18516	0.66031
P2_OS_0163 (OS)	566282.47	4222691.30	4.67E-01	8.42E-03	2.40E-05	0.47572	24.03	0.18535	0.66107
P2_OS_0110 (OS)	566242.47	4222741.30	4.65E-01	2.53E-02	2.40E-05	0.49060	24.00	0.19100	0.68160
P2_OS_0123 (OS)	566252.47	4222751.3	4.64E-01	2.72E-02	2.40E-05	0.49137	23.95	0.19131	0.68268
P2_OS_0214 (OS)	566312.47	4222711.3	4.64E-01	7.67E-03	2.39E-05	0.47175	23.86	0.18395	0.65570
P2_OS_0132 (OS)	566262.47	4222701.3	4.63E-01	1.01E-02	2.38E-05	0.47356	23.84	0.18451	0.65807
P2_OS_0194 (OS)	566302.47	4222681.3	4.63E-01	6.90E-03	2.38E-05	0.46962	23.79	0.18298	0.65260
P2_OS_0170 (OS)	566282.47	4222761.3	4.62E-01	1.76E-02	2.38E-05	0.47942	23.79	0.18692	0.66634
P2_OS_0169 (OS)	566282.47	4222751.3	4.61E-01	1.53E-02	2.38E-05	0.47666	23.75	0.18593	0.66259
P2_OS_0211 (OS)	566312.47	4222681.3	4.60E-01	6.38E-03	2.37E-05	0.46677	23.67	0.18188	0.64865
P2_OS_0184 (OS)	566292.47	4222741.3	4.60E-01	1.18E-02	2.37E-05	0.47174	23.67	0.18405	0.65579
P2_OS_0178 (OS)	566292.47	4222681.3	4.60E-01	7.47E-03	2.36E-05	0.46734	23.65	0.18209	0.64943
P2_OS_0147 (OS)	566272.47	4222691.3	4.58E-01	9.02E-03	2.35E-05	0.46687	23.55	0.18191	0.64878
P2_OS_0107 (OS)	566242.47	4222711.3	4.57E-01	1.25E-02	2.35E-05	0.46962	23.53	0.18300	0.65262
P2_OS_0124 (OS)	566252.47	4222761.30	4.55E-01	3.65E-02	2.35E-05	0.49151	23.52	0.19130	0.68281
P2_OS_0228 (OS)	566322.47	4222691.3	4.58E-01	6.29E-03	2.35E-05	0.46385	23.52	0.18080	0.64465
P2_OS_0098 (OS)	566232.47	4222721.3	4.55E-01	1.63E-02	2.34E-05	0.47095	23.41	0.18349	0.65444
P2_OS_0199 (OS)	566302.47	4222731.3	4.55E-01	9.72E-03	2.34E-05	0.46450	23.39	0.18124	0.64574
P2_OS_0229 (OS)	566322.47	4222701.3	4.55E-01	6.71E-03	2.34E-05	0.46148	23.38	0.17994	0.64142
P2_OS_0099 (OS)	56632.47	4222731.3	4.52E-01	2.24E-02	2.33E-05	0.47420	23.30	0.18467	0.65887
P2_OS_0227 (OS)	566322.47	4222681.3	4.52E-01	5.91E-03	2.32E-05	0.45782	23.23	0.17842	0.63624
P2_OS_0162 (OS)	566282.47	4222681.3	4.52E-01	8.07E-03	2.32E-05	0.45967	23.22	0.17912	0.63879
P2_OS_0118 (OS)	566252.47	4222701.3	4.50E-01	1.07E-02	2.32E-05	0.46112	23.17	0.17969	0.64081
P2_OS_0215 (OS)	566312.47	4222721.3	4.49E-01	8.28E-03	2.31E-05	0.45684	23.07	0.17826	0.63510
P2_OS_0193 (OS)	566302.47	4222671.3	4.47E-01	6.55E-03	2.30E-05	0.45367	22.99	0.17679	0.63046
P2_OS_0210 (OS)	566312.47	4222671.3	4.47E-01	6.03E-03	2.30E-05	0.45314	22.98	0.17657	0.62971
P2_OS_0131 (OS)	566262.47	4222691.3	4.44E-01	9.62E-03	2.29E-05	0.45392	22.86	0.17689	0.63081
P2_OS_0177 (OS)	566292.47	4222671.3	4.41E-01	7.14E-03	2.27E-05	0.44858	22.70	0.17481	0.62339
P2_OS_0230 (OS)	566322.47	4222711.30	4.41E-01	7.21E-03	2.27E-05	0.44825	22.68	0.17490	0.62315
P2_OS_0226 (OS)	566322.47	4222671.3	4.41E-01	5.56E-03	2.27E-05	0.44622	22.65	0.17389	0.62011
P2_OS_0097 (OS)	566232.47	4222711.3	4.39E-01	1.32E-02	2.26E-05	0.45178	22.58	0.17610	0.62788
P2_OS_0241 (OS)	566332.47	4222691.3	4.39E-01	5.87E-03	2.26E-05	0.44502	22.57	0.17351	0.61853
P2_OS_0146 (OS)	566272.47	4222681.3	4.38E-01	8.72E-03	2.25E-05	0.44702	22.54	0.17421	0.62123
P2_OS_0090 (OS)	566222.47	4222721.3	4.35E-01	1.78E-02	2.24E-05	0.45323	22.44	0.17662	0.62985
P2_OS_0066 (OS)	566145.78	4222711.49	4.35E-01	1.02E-02	2.24E-05	0.44564	22.40	0.17352	0.61916
P2_OS_0072 (OS)	566155.78	4222711.49	4.35E-01	1.11E-02	2.24E-05	0.44609	22.38	0.17377	0.61986
P2_OS_0240 (OS)	566332.47	4222681.3	4.35E-01	5.49E-03	2.24E-05	0.44094	22.38	0.17187	0.61281
P2_OS_0067 (OS)	566145.78	4222721.49	4.33E-01	1.32E-02	2.23E-05	0.44609	22.2		

P2_OS_0242 (OS)	566332.47	4222701.3	4.30E-01	6.32E-03	2.21E-05	0.43648	22.11	0.17030	0.60678
P2_OS_0209 (OS)	566312.47	4222661.3	4.29E-01	5.69E-03	2.20E-05	0.43449	22.04	0.16933	0.60382
P2_OS_0077 (OS)	566165.78	4222711.49	4.28E-01	1.18E-02	2.20E-05	0.43986	22.03	0.17149	0.61135
P2_OS_0185 (OS)	566292.47	4222751.3	4.27E-01	1.33E-02	2.20E-05	0.44037	21.99	0.17188	0.61225
P2_OS_0073 (OS)	566155.78	4222721.49	4.26E-01	1.48E-02	2.20E-05	0.44123	21.96	0.17201	0.61324
P2_OS_0058 (OS)	566135.78	4222711.49	4.27E-01	9.40E-03	2.20E-05	0.43618	21.95	0.16981	0.60599
P2_OS_0117 (OS)	566252.47	4222691.30	4.26E-01	1.02E-02	2.19E-05	0.43577	21.90	0.16986	0.60563
P2_OS_0239 (OS)	566332.47	4222671.3	4.26E-01	5.13E-03	2.19E-05	0.43071	21.87	0.16786	0.59857
P2_OS_0200 (OS)	566302.47	4222741.3	4.25E-01	1.06E-02	2.19E-05	0.43572	21.87	0.17009	0.60581
P2_OS_0192 (OS)	566302.47	4222661.30	4.25E-01	6.21E-03	2.19E-05	0.43161	21.87	0.16822	0.59983
P2_OS_0225 (OS)	566322.47	4222661.30	4.25E-01	5.22E-03	2.18E-05	0.43012	21.84	0.16762	0.59774
P2_OS_0100 (OS)	566232.47	4222741.3	4.22E-01	3.24E-02	2.18E-05	0.45407	21.79	0.17671	0.63078
P2_OS_0071 (OS)	566155.78	4222701.49	4.23E-01	8.80E-03	2.17E-05	0.43160	21.75	0.16806	0.59966
P2_OS_0065 (OS)	566145.78	4222701.49	4.23E-01	8.22E-03	2.17E-05	0.43085	21.74	0.16772	0.59857
P2_OS_0091 (OS)	566222.47	4222731.3	4.21E-01	2.63E-02	2.17E-05	0.44721	21.73	0.17415	0.62136
P2_OS_0216 (OS)	566312.47	4222731.3	4.22E-01	8.91E-03	2.17E-05	0.43059	21.69	0.16810	0.59869
P2_OS_0060 (OS)	566135.78	4222731.49	4.20E-01	1.53E-02	2.16E-05	0.43525	21.63	0.16956	0.60481
P2_OS_0130 (OS)	566262.47	4222681.3	4.19E-01	9.37E-03	2.15E-05	0.42826	21.55	0.16694	0.59520
P2_OS_0089 (OS)	566222.47	4222711.3	4.18E-01	1.37E-02	2.15E-05	0.43179	21.53	0.16838	0.60017
P2_OS_0084 (OS)	566212.47	4222721.3	4.17E-01	1.87E-02	2.15E-05	0.43585	21.50	0.16991	0.60576
P2_OS_0176 (OS)	566292.47	4222661.30	4.16E-01	6.82E-03	2.14E-05	0.42273	21.39	0.16479	0.58752
P2_OS_0051 (OS)	566125.78	4222731.49	4.15E-01	1.34E-02	2.14E-05	0.42872	21.38	0.16699	0.59571
P2_OS_0231 (OS)	566322.47	4222721.3	4.16E-01	7.69E-03	2.14E-05	0.42342	21.38	0.16531	0.58873
P2_OS_0050 (OS)	566125.78	4222721.49	4.15E-01	1.07E-02	2.14E-05	0.42612	21.38	0.16594	0.59206
P2_OS_0076 (OS)	566165.78	4222701.49	4.14E-01	9.38E-03	2.13E-05	0.42352	21.31	0.16501	0.58853
P2_OS_0251 (OS)	566342.47	4222691.3	4.14E-01	5.51E-03	2.13E-05	0.41969	21.29	0.16372	0.58341
P2_OS_0068 (OS)	566145.78	4222731.49	4.12E-01	1.78E-02	2.12E-05	0.43011	21.25	0.16768	0.59779
P2_OS_0057 (OS)	566135.78	4222701.49	4.13E-01	7.73E-03	2.12E-05	0.42077	21.24	0.16380	0.58457
P2_OS_0145 (OS)	566272.47	4222671.3	4.11E-01	8.49E-03	2.12E-05	0.41987	21.16	0.16368	0.58355
P2_OS_0238 (OS)	566332.47	4222661.3	4.12E-01	4.80E-03	2.12E-05	0.41635	21.15	0.16226	0.57861
P2_OS_0250 (OS)	566342.47	4222681.3	4.11E-01	5.10E-03	2.11E-05	0.41574	21.11	0.16208	0.57782
P2_OS_0096 (OS)	566232.47	4222701.3	4.09E-01	1.16E-02	2.10E-05	0.42043	21.04	0.16397	0.58440
P2_OS_0243 (OS)	566332.47	4222711.3	4.09E-01	6.71E-03	2.10E-05	0.41573	21.03	0.16228	0.57801
P2_OS_0049 (OS)	566125.78	4222711.49	4.08E-01	8.69E-03	2.10E-05	0.41661	20.98	0.16222	0.57883
P2_OS_0208 (OS)	566312.47	4222651.30	4.05E-01	5.35E-03	2.08E-05	0.41065	20.83	0.16008	0.57073
P2_OS_0052 (OS)	566125.78	4222741.49	4.04E-01	1.69E-02	2.08E-05	0.42063	20.81	0.16392	0.58455
P2_OS_0224 (OS)	566322.47	4222651.3	4.05E-01	4.89E-03	2.08E-05	0.40941	20.79	0.15958	0.56899
P2_OS_0081 (OS)	566202.47	4222721.30	4.02E-01	1.93E-02	2.07E-05	0.42160	20.74	0.16443	0.58603
P2_OS_0105 (OS)	566242.47	4222691.3	4.00E-01	1.07E-02	2.06E-05	0.41095	20.60	0.16026	0.57121
P2_OS_0249 (OS)	566342.47	4222671.30	4.01E-01	4.74E-03	2.06E-05	0.40543	20.59	0.15803	0.56346
P2_OS_0160 (OS)	566282.47	4222661.3	4.00E-01	7.50E-03	2.06E-05	0.40771	20.58	0.15897	0.56668
P2_OS_0252 (OS)	566342.47	4222701.3	4.00E-01	5.86E-03	2.06E-05	0.40583	20.56	0.15838	0.56421
P2_OS_0191 (OS)	566302.47	4222651.3	3.98E-01	5.88E-03	2.04E-05	0.40346	20.44	0.15731	0.56077
P2_OS_0041 (OS)	566115.78	4222731.49	3.97E-01	1.18E-02	2.04E-05	0.40887	20.44	0.15930	0.56817
P2_OS_0042 (OS)	566115.78	4222741.49	3.97E-01	1.45E-02	2.04E-05	0.41116	20.43	0.16022	0.57138
P2_OS_0083 (OS)	566212.47	4222711.3	3.95E-01	1.40E-02	2.04E-05	0.40932	20.36	0.15972	0.56904
P2_OS_0085 (OS)	566212.47	4222731.3	3.92E-01	2.86E-02	2.03E-05	0.42090	20.27	0.16393	0.58483
P2_OS_0079 (OS)	566192.47	4222721.3	3.93E-01	1.90E-02	2.03E-05	0.41199	20.26	0.16078	0.57277
P2_OS_0061 (OS)	566135.78	4222741.49	3.93E-01	2.03E-02	2.02E-05	0.41291	20.25	0.16101	0.57392
P2_OS_0237 (OS)	566332.47	4222651.3	3.94E-01	4.49E-03	2.02E-05	0.39806	20.23	0.15515	0.55321
P2_OS_0048 (OS)	566125.78	4222701.49	3.93E-01	7.34E-03	2.02E-05	0.40025	20.21	0.15586	0.55611
P2_OS_0064 (OS)	566145.78	4222691.49	3.92E-01	7.04E-03	2.02E-05	0.39912	20.16	0.15537	0.55449
P2_OS_0116 (OS)	566252.47	4222681.3	3.92E-01	1.00E-02	2.01E-05	0.40159	20.15	0.15661	0.55820
P2_OS_0070 (OS)	566155.78	4222691.49	3.90E-01	7.51E-03	2.01E-05	0.39740	20.05	0.15472	0.55212
P2_OS_0043 (OS)	566115.78	4222751.49	3.89E-01	1.78E-02	2.01E-05	0.40679	20.05	0.15859	0.56538
P2_OS_0040 (OS)	566115.78	4222721.49	3.89E-01	9.68E-03	2.00E-05	0.39906	20.04	0.15547	0.55453
P2_OS_0248 (OS)	566342.47	4222661.30	3.88E-01	4.42E-03	1.99E-05	0.39229	19.94	0.15289	0.54518
P2_OS_0056 (OS)	566135.78	4222691.49	3.86E-01	6.70E-03	1.98E-05	0.39260	19.84	0.15285	0.54545
MS2_0049 (OS)	566181.61	4222696.6	3.84E-01	9.83E-03	1.98E-05	0.39380	19.76	0.15360	0.54740
P2_OS_0254 (OS)	566352.47	4222691.3	3.84E-01	5.04E-03	1.98E-05	0.38930	19.75	0.15185	0.54115
P2_OS_0253 (OS)	566352.47	4222681.3	3.84E-01	4.73E-03	1.97E-05	0.38861	19.73	0.15153	0.54014
P2_OS_0129 (OS)	566262.47	4222671.3	3.83E-01	9.24E-03	1.97E-05	0.39235	19.71	0.15302	0.54537
P2_OS_0175 (OS)	566292.47	4222651.3	3.82E-01	6.49E-03	1.97E-05	0.38893	19.67	0.15169	0.54062
P2_OS_0053 (OS)	566125.78	4222751.49	3.81E-01	2.19E-02	1.96E-05	0.40250	19.64	0.15699	0.55949
P2_OS_0223 (OS)	566322.47	4222641.3	3.81E-01	4.58E-03	1.96E-05	0.38538	19.57	0.15025	0.53563
P2_OS_0088 (OS)	566222.47	4222701.3	3.78E-01	1.19E-02	1.95E-05	0.39004	19.47	0.15223	0.54227
P2_OS_0080 (OS)	566202.47	4222711.3	3.78E-01	1.40E-02	1.95E-05	0.39180	19.46	0.15300	0.54480
P2_OS_0032 (OS)	566105.78	4222751.49	3.78E-01	1.52E-02	1.95E-05	0.39270	19.45	0.15312	0.54582
P2_OS_0075 (OS)	566165.78	4222691.49	3.78E-01	8.14E-03	1.94E-05	0.38599	19.44	0.15034	0.53633
P2_OS_0207 (OS)	566312.47	4222641.3	3.78E-01	5.03E-03	1.94E-05	0.38271	19.41	0.14924	0.53195
P2_OS_0039 (OS)	566115.78	4222711.49	3.77E-01	8.12E-03	1.94E-05	0.38532	19.40	0.15013	0.53545
P2_OS_0033 (OS)	566105.78	4222761.49	3.74E-01	1.85E-02	1.93E-05	0.39285	19.30	0.15325	0.54610
P2_OS_0031 (OS)	566105.78	4222741.49	3.74E-01	1.26E-02	1.92E-05	0.38640	19.25	0.15064	0.53704
P2_OS_0236 (OS)	566332.47	4222641.3	3.73E-01	4.19E-03	1.92E-05	0.37692	19.16	0.14693	0.52385
P2_OS_0144 (OS)	566272.47	4222661.3	3.72E-01	8.28E-03	1.91E-05	0.38012	19.13	0.14828	0.52840
P2_OS_0247 (OS)	566342.47	4222651.3	3.72E-01	4.12E-03	1.91E-05	0.37628	19.13	0.14666	0.52294
P2_OS_0044 (OS)	566115.78	4222761.49	3.69E-01	2.28E-02	1.91E-05	0.39202	19.06	0.15298	0.54500
P2_OS_0112 (OS)	566242.47	4222761.3	3.66E-01	4.88E-02	1.90E-05	0.41489	19.01	0.16131	0.57620
P2_OS_0047 (OS)	566125.78	4222691.49	3.68E-01	6.48E-03	1.89E-05	0.37439	18.92	0.14581	0.52020
P2_OS_0011 (OS)	566085.78	4222771.49	3.65E-01	1.52E-02	1.88E-05	0.38049	18.82	0.14857	0.52906
P2_OS_0095 (OS)	566232.47	4222691.3	3.65E-01	1.11E-02	1.88E-05	0.37592	18.78	0.14672	0.52264
P2_OS_0030 (OS)	566105.78	4222731.49	3.65E-01	1.05E-02	1.88E-05	0.37540	18.78	0.14636	0.52176
P2_OS_0190 (OS)	566302.47	4222641.30	3.64E-01	5.55E-03	1.87E-05	0.36962	18.72	0.14419	0.51381
P2_OS_0092 (OS)	566222.47	4222741.30	3.61E-01	4.03E-02	1.87E-05	0.40113	18.70	0.15604	0.55717
P1_OS_0093 (OS)	566209.37	4222734.94	3.60E-01	3.47E-02	1.86E-05	0.39488	18.64	0.15373	0.54861
P2_OS_0022 (OS)	566095.78	4222771.49	3.60E-01	1.84E-02	1.86E-05	0.37874	18.58	0.14786	0.52660
P2_OS_0038 (OS)	566115.78	4222701.49	3.60E-01	7.03E-03	1.85E-05	0.36681	18.50	0.14294	0.50975
P2_OS_0034 (OS)	566105.78	4222771.49	3.58E-01	2.26E-02	1.85E-05	0.38063	18.48	0.14852	0.52915
P2_OS_0021 (OS)	566095.78	4222761.49	3.59E-01	1.56E-02	1.85E-05	0.37405	18.47	0.14597	0.52002
P2_OS_0159 (OS)	566282.47	4222651.3	3.58E-01	7.21E-03	1.84E-05	0.36480	18.39	0.14234	0.50714
P2_OS_0078 (OS)	566175.78	4222691.49	3.57E-01	8.89E-03	1.84E-05	0.36617	18.38	0.14272	0.50889
P2_OS_0104 (OS)	566242.47	4222681.3	3.54E-01	1.06E-02	1.82E-05	0.36424	18.20	0.14215	0.50639
P2_OS_0246 (OS)	566342.47	4222641.30	3.53E-01	3.84E-03	1.82E-05	0.35712	18.16	0.13921	0.49633
P2_OS_0222 (OS)	566322.47								

P2_OS_0010 (OS)	566085.78	4222761.49	3.47E-01	1.33E-02	1.79E-05	0.36039	17.88	0.14072	0.50111
P2_OS_0082 (OS)	566212.47	4222701.3	3.46E-01	1.20E-02	1.78E-05	0.35748	17.79	0.13968	0.49716
P2_OS_0206 (OS)	566312.47	4222631.3	3.45E-01	4.71E-03	1.77E-05	0.34932	17.72	0.13631	0.48563
P2_OS_0115 (OS)	566252.47	4222671.3	3.43E-01	1.00E-02	1.77E-05	0.35306	17.66	0.13780	0.49086
P2_OS_0023 (OS)	566095.78	4222781.49	3.41E-01	2.16E-02	1.76E-05	0.36276	17.61	0.14184	0.50460
P2_OS_0055 (OS)	566135.78	4222681.49	3.38E-01	6.18E-03	1.74E-05	0.34424	17.39	0.13406	0.47830
P2_OS_0174 (OS)	566292.47	4222641.3	3.38E-01	6.16E-03	1.74E-05	0.34418	17.38	0.13435	0.47853
P1_OS_0082 (OS)	566199.37	4222734.94	3.35E-01	3.66E-02	1.73E-05	0.37116	17.34	0.14454	0.51570
P2_OS_0019 (OS)	566095.78	4222741.49	3.35E-01	1.12E-02	1.73E-05	0.34644	17.26	0.13521	0.48165
P2_OS_0063 (OS)	566145.78	4222681.49	3.35E-01	6.51E-03	1.72E-05	0.34117	17.21	0.13285	0.47402
P2_OS_0037 (OS)	566115.78	4222691.49	3.34E-01	6.33E-03	1.72E-05	0.34061	17.19	0.13277	0.47338
P1_OS_0058 (OS)	566179.37	4222734.94	3.30E-01	3.08E-02	1.71E-05	0.36102	17.09	0.14084	0.50186
P2_OS_0028 (OS)	566105.78	4222711.49	3.32E-01	7.68E-03	1.71E-05	0.33950	17.07	0.13243	0.47193
P2_OS_0128 (OS)	566262.47	4222661.3	3.31E-01	9.15E-03	1.71E-05	0.34059	17.06	0.13296	0.47355
P2_OS_0245 (OS)	566342.47	4222631.3	3.30E-01	3.58E-03	1.69E-05	0.33312	16.94	0.12988	0.46300
P2_OS_0003 (OS)	566075.78	4222761.49	3.26E-01	1.16E-02	1.68E-05	0.33772	16.80	0.13204	0.46976
P2_OS_0046 (OS)	566125.78	4222681.49	3.26E-01	6.02E-03	1.67E-05	0.33162	16.74	0.12921	0.46083
P2_OS_0004 (OS)	566075.78	4222771.49	3.25E-01	1.30E-02	1.67E-05	0.33786	16.74	0.13213	0.46999
P1_OS_0070 (OS)	566189.37	4222734.94	3.23E-01	3.54E-02	1.67E-05	0.35842	16.74	0.13967	0.49809
P2_OS_0069 (OS)	566155.78	4222681.49	3.24E-01	7.06E-03	1.67E-05	0.33143	16.69	0.12907	0.46050
P2_OS_0189 (OS)	566302.47	4222631.30	3.22E-01	5.22E-03	1.66E-05	0.32751	16.57	0.12788	0.45539
P1_OS_0103 (OS)	566219.37	4222744.94	3.18E-01	4.73E-02	1.66E-05	0.36569	16.55	0.14217	0.50786
P2_OS_0012 (OS)	566085.78	4222781.49	3.21E-01	1.73E-02	1.65E-05	0.33803	16.54	0.13228	0.47031
P2_OS_0087 (OS)	566222.47	4222691.3	3.21E-01	1.14E-02	1.65E-05	0.33243	16.54	0.12992	0.46235
P2_OS_0009 (OS)	566085.78	4222751.49	3.21E-01	1.16E-02	1.65E-05	0.33247	16.53	0.12989	0.46236
P2_OS_0221 (OS)	566322.47	4222621.30	3.19E-01	4.00E-03	1.64E-05	0.32260	16.38	0.12590	0.44850
P2_OS_0018 (OS)	566095.78	4222731.49	3.17E-01	9.59E-03	1.63E-05	0.32674	16.33	0.12758	0.45432
P2_OS_0143 (OS)	566272.47	4222651.3	3.17E-01	8.06E-03	1.63E-05	0.32482	16.30	0.12686	0.45168
P2_OS_0234 (OS)	566332.47	4222621.3	3.17E-01	3.64E-03	1.63E-05	0.32074	16.30	0.12512	0.44586
P2_OS_0125 (OS)	566252.47	4222771.3	3.13E-01	4.97E-02	1.63E-05	0.36223	16.26	0.14094	0.50317
MS2_0048 (OS)	566181.61	4222686.6	3.12E-01	9.27E-03	1.61E-05	0.32155	16.07	0.12539	0.44694
P2_OS_0027 (OS)	566105.78	4222701.49	3.10E-01	6.81E-03	1.59E-05	0.31659	15.94	0.12355	0.44014
P2_OS_0205 (OS)	566312.47	4222621.30	3.05E-01	4.41E-03	1.57E-05	0.30902	15.66	0.12069	0.42971
P2_OS_0094 (OS)	566232.47	4222681.3	3.04E-01	1.12E-02	1.57E-05	0.31504	15.65	0.12312	0.43816
P2_OS_0139 (OS)	566262.47	4222771.3	3.01E-01	3.49E-02	1.56E-05	0.33543	15.58	0.13082	0.46625
P2_OS_0074 (OS)	566165.78	4222681.49	3.02E-01	7.86E-03	1.56E-05	0.31023	15.56	0.12086	0.43109
P2_OS_0158 (OS)	566282.47	4222641.3	3.01E-01	6.91E-03	1.55E-05	0.30761	15.47	0.12019	0.42780
P2_OS_0244 (OS)	566342.47	4222621.30	3.00E-01	3.33E-03	1.54E-05	0.30332	15.42	0.11831	0.42163
P2_OS_0017 (OS)	566095.78	4222721.49	2.95E-01	8.33E-03	1.52E-05	0.30332	15.18	0.11850	0.42182
P2_OS_0036 (OS)	566115.78	4222681.49	2.94E-01	5.96E-03	1.51E-05	0.30021	15.13	0.11710	0.41731
P1_OS_0111 (OS)	566229.37	4222754.94	2.89E-01	5.34E-02	1.51E-05	0.34278	15.09	0.13319	0.47597
P2_OS_0008 (OS)	566085.78	4222741.49	2.91E-01	1.01E-02	1.50E-05	0.30144	15.00	0.11787	0.41931
P2_OS_0103 (OS)	566242.47	4222671.3	2.91E-01	1.09E-02	1.50E-05	0.30152	14.97	0.11784	0.41936
P1_OS_0094 (OS)	566209.37	4222744.94	2.85E-01	5.14E-02	1.49E-05	0.33658	14.86	0.13083	0.46741
P2_OS_0155 (OS)	566272.47	4222771.3	2.86E-01	2.59E-02	1.48E-05	0.31178	14.79	0.12177	0.43355
P2_OS_0173 (OS)	566292.47	4222631.3	2.85E-01	5.84E-03	1.47E-05	0.29108	14.67	0.11378	0.40486
P1_OS_0048 (OS)	566169.37	4222744.94	2.82E-01	3.90E-02	1.46E-05	0.32050	14.62	0.12501	0.44551
P2_OS_0026 (OS)	566105.78	4222691.49	2.81E-01	6.24E-03	1.45E-05	0.28731	14.46	0.11220	0.39951
MS2_0061 (OS)	566191.61	4222686.6	2.80E-01	1.02E-02	1.44E-05	0.28975	14.40	0.11319	0.40294
P2_OS_0114 (OS)	566252.47	4222661.3	2.79E-01	1.01E-02	1.44E-05	0.28956	14.39	0.11320	0.40276
P2_OS_0002 (OS)	566075.78	4222751.49	2.78E-01	1.04E-02	1.43E-05	0.28838	14.32	0.11293	0.40131
P2_OS_0233 (OS)	566332.47	4222611.3	2.78E-01	3.39E-03	1.43E-05	0.28151	14.30	0.10990	0.39141
P2_OS_0220 (OS)	566322.47	4222611.30	2.77E-01	3.74E-03	1.42E-05	0.28038	14.22	0.10952	0.38990
P1_OS_0059 (OS)	566179.37	4222744.94	2.70E-01	4.57E-02	1.41E-05	0.31611	14.08	0.12311	0.43922
P2_OS_0188 (OS)	566302.47	4222621.3	2.73E-01	4.91E-03	1.41E-05	0.27814	14.05	0.10876	0.38690
P1_OS_0083 (OS)	566199.37	4222744.94	2.68E-01	5.26E-02	1.40E-05	0.32107	14.01	0.12482	0.44589
P1_OS_0117 (OS)	566239.37	4222764.94	2.65E-01	5.71E-02	1.39E-05	0.32224	13.86	0.12518	0.44742
P2_OS_0016 (OS)	566095.78	4222711.49	2.69E-01	7.36E-03	1.38E-05	0.27627	13.84	0.10803	0.38430
P1_OS_0071 (OS)	566189.37	4222744.94	2.64E-01	5.10E-02	1.38E-05	0.31522	13.79	0.12262	0.43784
P2_OS_0127 (OS)	566262.47	4222651.3	2.67E-01	9.05E-03	1.38E-05	0.27641	13.77	0.10812	0.38453
P2_OS_0086 (OS)	566222.47	4222681.3	2.65E-01	1.14E-02	1.37E-05	0.27678	13.67	0.10822	0.38500
P2_OS_0007 (OS)	566085.78	4222731.49	2.59E-01	8.90E-03	1.33E-05	0.26756	13.32	0.10477	0.37233
P1_OS_0040 (OS)	566159.37	4222754.94	2.53E-01	4.31E-02	1.32E-05	0.29646	13.20	0.11564	0.41210
P2_OS_0204 (OS)	566312.47	4222611.3	2.56E-01	4.14E-03	1.32E-05	0.26051	13.18	0.10188	0.36239
P1_OS_0104 (OS)	566219.37	4222754.94	2.48E-01	6.00E-02	1.30E-05	0.30754	12.97	0.11941	0.42695
P2_OS_0142 (OS)	566272.47	4222641.3	2.50E-01	7.81E-03	1.29E-05	0.25784	12.87	0.10094	0.35878
P2_OS_0093 (OS)	566232.47	4222671.3	2.49E-01	1.15E-02	1.29E-05	0.26098	12.86	0.10203	0.36301
P2_OS_0054 (OS)	566135.78	4222671.49	2.44E-01	6.12E-03	1.25E-05	0.24985	12.54	0.09743	0.34728
P2_OS_0025 (OS)	566105.78	4222681.49	2.43E-01	5.97E-03	1.25E-05	0.24876	12.49	0.09726	0.34602
P2_OS_0015 (OS)	566095.78	4222701.49	2.41E-01	6.67E-03	1.24E-05	0.24778	12.41	0.09701	0.34479
P1_OS_0049 (OS)	566169.37	4222754.94	2.35E-01	5.22E-02	1.23E-05	0.28720	12.29	0.11182	0.39902
P2_OS_0102 (OS)	566242.47	4222661.30	2.38E-01	1.10E-02	1.23E-05	0.24930	12.28	0.09749	0.34679
P2_OS_0045 (OS)	566125.78	4222671.49	2.39E-01	5.95E-03	1.23E-05	0.24457	12.28	0.09544	0.34001
P2_OS_0157 (OS)	566282.47	4222631.3	2.36E-01	6.60E-03	1.22E-05	0.24306	12.17	0.09521	0.33827
P2_OS_0062 (OS)	566145.78	4222671.49	2.36E-01	6.60E-03	1.21E-05	0.24258	12.15	0.09457	0.33715
P1_OS_0095 (OS)	566209.37	4222754.94	2.30E-01	6.37E-02	1.21E-05	0.29379	12.09	0.11403	0.40782
P1_OS_0033 (OS)	566149.37	4222764.94	2.29E-01	4.58E-02	1.20E-05	0.27524	11.98	0.10740	0.38264
P2_OS_0006 (OS)	566085.78	4222721.49	2.31E-01	7.93E-03	1.19E-05	0.23911	11.90	0.09378	0.33289
P2_OS_0232 (OS)	566332.47	4222601.3	2.31E-01	3.17E-03	1.19E-05	0.23429	11.88	0.09155	0.32584
P1_OS_0121 (OS)	566249.37	4222774.94	2.26E-01	6.00E-02	1.18E-05	0.28572	11.85	0.11107	0.39679
MS2_0047 (OS)	566181.61	4222676.6	2.30E-01	9.82E-03	1.18E-05	0.23943	11.83	0.09337	0.33280
P1_OS_0060 (OS)	566179.37	4222754.94	2.25E-01	5.89E-02	1.18E-05	0.28381	11.80	0.11033	0.39414
P2_OS_0113 (OS)	566252.47	4222651.30	2.27E-01	1.00E-02	1.17E-05	0.23735	11.72	0.09288	0.33023
P2_OS_0172 (OS)	566292.47	4222621.3	2.27E-01	5.53E-03	1.17E-05	0.23255	11.68	0.09114	0.32369
P1_OS_0084 (OS)	566199.37	4222754.94	2.21E-01	6.44E-02	1.16E-05	0.28573	11.64	0.11091	0.39664
P2_OS_0035 (OS)	566115.78	4222671.49	2.26E-01	5.94E-03	1.16E-05	0.23145	11.60	0.09042	0.32187
P1_OS_0072 (OS)	566189.37	4222754.94	2.20E-01	6.26E-02	1.16E-05	0.28301	11.58	0.10992	0.39293
P2_OS_0219 (OS)	566322.47	4222601.3	2.25E-01	3.51E-03	1.16E-05	0.22864	11.57	0.08945	0.31809
P2_OS_0001 (OS)	566075.78	4222741.49	2.24E-01	8.83E-03	1.15E-05	0.23256	11.53	0.09092	0.32348
P1_OS_0112 (OS)	566229.37	4222764.94	2.15E-01	6.48E-02	1.13E-05	0.27999	11.33	0.10864	0.38863
P2_OS_0187 (OS)	566302.47	4222611.3	2.18E-01	4.63E-03	1.12E-05	0.22235	11.20	0.08716	0.30951
P1_OS_0041 (OS)	566159.37	4222764.94	2.12E-01	5.49E-02	1.11E-05	0.26727	11.14	0.10408	0.37135
P2_OS_0014 (OS)	566095.78	4222691.49	2.14E-01	6.25E-03	1.10E-05	0.22049	11.03	0.08645	0.30694
P2_OS_0126 (OS)	5								

P1_OS_0050 (OS)	566169.37	4222764.94		2.00E-01	6.29E-02	1.05E-05	0.26249	10.52	0.10203	0.36452
P1_OS_0105 (OS)	566219.37	4222764.94		1.98E-01	6.92E-02	1.05E-05	0.26710	10.46	0.10357	0.37067
P2_OS_0141 (OS)	566272.47	4222631.3		1.99E-01	7.33E-03	1.03E-05	0.20667	10.27	0.08102	0.28769
P2_OS_0203 (OS)	566312.47	4222601.3		1.99E-01	3.92E-03	1.02E-05	0.20267	10.22	0.07947	0.28214
P1_OS_0061 (OS)	566179.37	4222764.94		1.91E-01	6.77E-02	1.01E-05	0.25910	10.12	0.10059	0.35969
P1_OS_0096 (OS)	566209.37	4222764.94		1.89E-01	7.15E-02	1.00E-05	0.26097	10.03	0.10117	0.36214
P1_OS_0034 (OS)	566149.37	4222774.94		1.89E-01	5.69E-02	9.96E-06	0.24608	9.96	0.09587	0.34195
P2_OS_0024 (OS)	566105.78	4222671.49		1.93E-01	6.04E-03	9.92E-06	0.19864	9.92	0.07781	0.27645
P1_OS_0073 (OS)	566189.37	4222764.94		1.87E-01	7.06E-02	9.90E-06	0.25750	9.90	0.09988	0.35738
P1_OS_0085 (OS)	566199.37	4222764.94		1.86E-01	7.20E-02	9.86E-06	0.25794	9.86	0.10001	0.35795
P1_OS_0118 (OS)	566239.37	4222774.94		1.85E-01	6.82E-02	9.79E-06	0.25318	9.79	0.09825	0.35143
P2_OS_0156 (OS)	566282.47	4222621.3		1.89E-01	6.10E-03	9.72E-06	0.19496	9.72	0.07649	0.27145
P2_OS_0013 (OS)	566095.78	4222681.49		1.84E-01	6.08E-03	9.48E-06	0.19014	9.48	0.07470	0.26484
P1_OS_0042 (OS)	566159.37	4222774.94		1.78E-01	6.42E-02	9.42E-06	0.24231	9.42	0.09421	0.33652
P2_OS_0140 (OS)	566262.47	4222781.3		1.79E-01	4.21E-02	9.39E-06	0.22145	9.39	0.08645	0.30790
MS2_0082 (OS)	566211.61	4222666.6		1.79E-01	1.29E-02	9.23E-06	0.19160	9.23	0.07492	0.26652
P2_OS_0171 (OS)	566292.47	4222611.3		1.78E-01	5.28E-03	9.17E-06	0.18345	9.17	0.07219	0.25564
P1_OS_0025 (OS)	566129.37	4222784.94		1.72E-01	4.61E-02	9.02E-06	0.21779	9.02	0.08523	0.30302
MS2_0026 (OS)	566161.61	4222666.6		1.75E-01	8.91E-03	9.01E-06	0.18373	9.01	0.07163	0.25536
P1_OS_0051 (OS)	566169.37	4222774.94		1.69E-01	6.98E-02	8.99E-06	0.23913	8.99	0.09284	0.33197
P1_OS_0113 (OS)	566229.37	4222774.94		1.68E-01	7.32E-02	8.95E-06	0.24131	8.95	0.09353	0.33484
P1_OS_0062 (OS)	566179.37	4222774.94		1.63E-01	7.36E-02	8.70E-06	0.23685	8.70	0.09185	0.32870
MS2_0036 (OS)	566171.61	4222666.6		1.68E-01	1.05E-02	8.66E-06	0.17826	8.66	0.06945	0.24771
P1_OS_0029 (OS)	566139.37	4222784.94		1.63E-01	5.55E-02	8.59E-06	0.21822	8.59	0.08514	0.30336
MS2_0071 (OS)	566201.61	4222666.6		1.66E-01	1.30E-02	8.57E-06	0.17874	8.57	0.06975	0.24849
P1_OS_0106 (OS)	566219.37	4222774.94		1.60E-01	7.57E-02	8.52E-06	0.23533	8.52	0.09116	0.32649
P2_OS_0218 (OS)	566322.47	4222591.3		1.66E-01	3.31E-03	8.52E-06	0.16892	8.52	0.06626	0.23518
P1_OS_0074 (OS)	566189.37	4222774.94		1.59E-01	7.61E-02	8.50E-06	0.23524	8.50	0.09116	0.32640
MS2_0046 (OS)	566181.61	4222666.6		1.63E-01	1.18E-02	8.42E-06	0.17484	8.42	0.06810	0.24294
P2_OS_0186 (OS)	566302.47	4222601.3		1.64E-01	4.42E-03	8.42E-06	0.16806	8.42	0.06617	0.23423
P1_OS_0097 (OS)	566209.37	4222774.94		1.57E-01	7.69E-02	8.39E-06	0.23378	8.39	0.09054	0.32432
P1_OS_0086 (OS)	566199.37	4222774.94		1.57E-01	7.70E-02	8.39E-06	0.23387	8.39	0.09059	0.32446
MS2_0059 (OS)	566191.61	4222666.60		1.62E-01	1.26E-02	8.37E-06	0.17456	8.37	0.06803	0.24259
MS2_0091 (OS)	566221.61	4222656.6		1.62E-01	1.34E-02	8.37E-06	0.17525	8.37	0.06851	0.24376
P1_OS_0035 (OS)	566149.37	4222784.94		1.55E-01	6.36E-02	8.24E-06	0.21867	8.24	0.08511	0.30378
P1_OS_0043 (OS)	566159.37	4222784.94		1.48E-01	6.96E-02	7.91E-06	0.21786	7.91	0.08463	0.30249
P1_OS_0052 (OS)	566169.37	4222784.94		1.43E-01	7.42E-02	7.64E-06	0.21677	7.64	0.08409	0.30086
MS2_0081 (OS)	566211.61	4222656.6		1.44E-01	1.43E-02	7.47E-06	0.15848	7.47	0.06179	0.22027
P1_OS_0063 (OS)	566179.37	4222784.94		1.38E-01	7.74E-02	7.44E-06	0.21588	7.44	0.08366	0.29954
P1_OS_0122 (OS)	566249.37	4222784.94		1.38E-01	7.41E-02	7.39E-06	0.21173	7.39	0.08224	0.29397
P1_OS_0075 (OS)	566189.37	4222784.94		1.35E-01	7.95E-02	7.27E-06	0.21444	7.27	0.08304	0.29748
P1_OS_0119 (OS)	566239.37	4222784.94		1.34E-01	7.75E-02	7.19E-06	0.21104	7.19	0.08183	0.29287
P1_OS_0024 (OS)	566119.37	4222794.94		1.36E-01	4.20E-02	7.18E-06	0.17842	7.18	0.07016	0.24858
P1_OS_0114 (OS)	566229.37	4222784.94		1.32E-01	8.01E-02	7.12E-06	0.21208	7.12	0.08214	0.29422
P1_OS_0087 (OS)	566199.37	4222784.94		1.32E-01	8.03E-02	7.12E-06	0.21217	7.12	0.08213	0.29430
P2_OS_0202 (OS)	566312.47	4222591.3		1.38E-01	3.74E-03	7.11E-06	0.14188	7.11	0.05591	0.19779
P1_OS_0026 (OS)	566129.37	4222794.94		1.33E-01	5.21E-02	7.06E-06	0.18529	7.06	0.07252	0.25781
P1_OS_0098 (OS)	566209.37	4222784.94		1.30E-01	8.09E-02	7.02E-06	0.21076	7.02	0.08157	0.29233
P1_OS_0107 (OS)	566219.37	4222784.94		1.29E-01	8.11E-02	6.98E-06	0.21032	6.98	0.08140	0.29172
MS2_0070 (OS)	566201.18	4222656.77		1.34E-01	1.50E-02	6.94E-06	0.14892	6.94	0.05793	0.20685
P1_OS_0030 (OS)	566139.37	4222794.94		1.29E-01	6.05E-02	6.90E-06	0.18981	6.90	0.07404	0.26385
MS2_0090 (OS)	566221.61	4222646.6		1.31E-01	1.41E-02	6.76E-06	0.14461	6.76	0.05639	0.20100
P1_OS_0036 (OS)	566149.37	4222794.94		1.26E-01	6.72E-02	6.73E-06	0.19267	6.73	0.07496	0.26763
MS2_0058 (OS)	566191.61	4222656.6		1.27E-01	1.54E-02	6.60E-06	0.14263	6.60	0.05539	0.19802
MS2_0018 (OS)	566141.61	4222656.6		1.28E-01	8.04E-03	6.59E-06	0.13566	6.59	0.05300	0.18866
P1_OS_0044 (OS)	566159.37	4222794.94		1.22E-01	7.25E-02	6.58E-06	0.19449	6.58	0.07553	0.27002
MS2_0021 (OS)	566151.61	4222656.60		1.26E-01	9.70E-03	6.51E-06	0.13566	6.51	0.05289	0.18855
MS2_0025 (OS)	566161.18	4222656.77		1.25E-01	1.18E-02	6.46E-06	0.13668	6.46	0.05318	0.18986
P1_OS_0053 (OS)	566169.37	4222794.94		1.19E-01	7.66E-02	6.44E-06	0.19563	6.44	0.07586	0.27149
MS2_0045 (OS)	566181.18	4222656.77		1.24E-01	1.52E-02	6.43E-06	0.13923	6.43	0.05417	0.19340
MS2_0015 (OS)	566131.61	4222656.6		1.24E-01	7.29E-03	6.42E-06	0.13177	6.42	0.05157	0.18334
MS2_0035 (OS)	566171.61	4222656.60		1.23E-01	1.40E-02	6.39E-06	0.13734	6.39	0.05333	0.19067
P1_OS_0064 (OS)	566179.37	4222794.94		1.17E-01	7.95E-02	6.33E-06	0.19602	6.33	0.07593	0.27195
MS2_0098 (OS)	566231.61	4222636.6		1.21E-01	1.26E-02	6.24E-06	0.13311	6.24	0.05198	0.18509
MS2_0012 (OS)	566121.18	4222656.77		1.20E-01	7.09E-03	6.20E-06	0.12727	6.20	0.04991	0.17718
P1_OS_0076 (OS)	566189.37	4222794.94		1.14E-01	8.14E-02	6.20E-06	0.19527	6.20	0.07559	0.27086
MS2_0080 (OS)	566211.61	4222646.6		1.18E-01	1.57E-02	6.14E-06	0.13387	6.14	0.05203	0.18590
P1_OS_0088 (OS)	566199.37	4222794.94		1.11E-01	8.19E-02	6.06E-06	0.19308	6.06	0.07472	0.26780
P1_OS_0099 (OS)	566209.37	4222794.94		1.09E-01	8.20E-02	5.93E-06	0.19074	5.93	0.07382	0.26456
MS2_0103 (OS)	566241.61	4222626.6		1.14E-01	1.04E-02	5.88E-06	0.12405	5.88	0.04855	0.17260
P1_OS_0108 (OS)	566219.37	4222794.94		1.07E-01	8.19E-02	5.82E-06	0.18847	5.82	0.07296	0.26143
P1_OS_0115 (OS)	566229.37	4222794.94		1.06E-01	8.09E-02	5.79E-06	0.18687	5.79	0.07241	0.25928
MS2_0009 (OS)	566111.61	4222656.60		1.12E-01	6.92E-03	5.79E-06	0.11905	5.79	0.04684	0.16589
MS2_0069 (OS)	566201.61	4222646.6		1.09E-01	1.75E-02	5.68E-06	0.12664	5.68	0.04905	0.17569
P1_OS_0120 (OS)	566239.37	4222794.94		1.03E-01	7.91E-02	5.60E-06	0.18165	5.60	0.07050	0.25215
MS2_0089 (OS)	566221.61	4222636.6		1.08E-01	1.46E-02	5.60E-06	0.12237	5.60	0.04760	0.16997
MS2_0106 (OS)	566251.61	4222616.6		1.07E-01	8.38E-03	5.51E-06	0.11497	5.51	0.04511	0.16008
P1_OS_0031 (OS)	566139.37	4222804.94		1.01E-01	6.06E-02	5.47E-06	0.16202	5.47	0.06332	0.22534
P2_OS_0217 (OS)	566322.47	4222581.3		1.06E-01	3.10E-03	5.46E-06	0.10920	5.46	0.04305	0.15225
P1_OS_0037 (OS)	566149.37	4222804.94		1.01E-01	6.75E-02	5.46E-06	0.16813	5.46	0.06548	0.23361
P1_OS_0045 (OS)	566159.37	4222804.94		9.96E-02	7.27E-02	5.43E-06	0.17226	5.43	0.06693	0.23919
P1_OS_0027 (OS)	566129.37	4222804.94		1.01E-01	5.15E-02	5.42E-06	0.15262	5.42	0.05995	0.21257
P1_OS_0054 (OS)	566169.37	4222804.94		9.86E-02	7.67E-02	5.39E-06	0.17525	5.39	0.06798	0.24323
MS2_0057 (OS)	566191.61	4222646.6		1.03E-01	1.92E-02	5.37E-06	0.12218	5.37	0.04718	0.16936
P1_OS_0065 (OS)	566179.37	4222804.94		9.75E-02	7.97E-02	5.35E-06	0.17719	5.35	0.06865	0.24584
P1_OS_0077 (OS)	566189.37	4222804.94		9.57E-02	8.16E-02	5.26E-06	0.17723	5.26	0.06862	0.24585
MS2_0097 (OS)	566231.61	4222626.60		1.01E-01	1.22E-02	5.21E-06	0.11267	5.21	0.04394	0.15661
MS2_0044 (OS)	566181.61	4222646.6		9.89E-02	2.02E-02	5.17E-06	0.11914	5.17	0.04590	0.16504
P1_OS_0089 (OS)	566199.37	4222804.94		9.34E-02	8.19E-02	5.15E-06	0.17535	5.15	0.06788	0.24323
MS2_0079 (OS)	566211.61	4222636.6		9.81E-02	1.69E-02	5.11E-06	0.11500	5.11	0.04454	0.15954
MS2_0107 (OS)	566261.61	4222606.6		9.81E-02	6.68E-03	5.06E-06	0.10475	5.06	0.04121	0.14596

MS2_0068 (OS)	566201.18	4222636.77	9.09E-02	1.99E-02	4.75E-06	0.11078	4.75	0.04268	0.15346
P2_OS_0201 (OS)	566312.47	4222581.3	9.17E-02	3.35E-03	4.72E-06	0.09501	4.72	0.03756	0.13257
MS2_0017 (OS)	566141.61	4222646.6	9.09E-02	1.14E-02	4.72E-06	0.10226	4.72	0.03985	0.14211
MS2_0088 (OS)	566221.61	4222626.6	9.02E-02	1.45E-02	4.69E-06	0.10463	4.69	0.04062	0.14525
MS2_0014 (OS)	566131.61	4222646.6	8.78E-02	9.79E-03	4.55E-06	0.09762	4.55	0.03818	0.13580
P1_OS_0066 (OS)	566179.37	4222814.94	8.11E-02	7.76E-02	4.50E-06	0.15872	4.50	0.06155	0.22027
MS2_0056 (OS)	566191.61	4222636.60	8.55E-02	2.32E-02	4.49E-06	0.10862	4.49	0.04164	0.15026
P1_OS_0055 (OS)	566169.37	4222814.94	8.11E-02	7.42E-02	4.48E-06	0.15531	4.48	0.06033	0.21564
MS2_0105 (OS)	566251.61	4222606.6	8.67E-02	7.53E-03	4.48E-06	0.09420	4.48	0.03696	0.13116
P1_OS_0078 (OS)	566189.37	4222814.94	8.01E-02	7.97E-02	4.46E-06	0.15978	4.46	0.06192	0.22170
P1_OS_0046 (OS)	566159.37	4222814.94	8.06E-02	6.99E-02	4.44E-06	0.15057	4.44	0.05863	0.20920
P1_OS_0090 (OS)	566199.37	4222814.94	7.85E-02	8.00E-02	4.37E-06	0.15843	4.37	0.06140	0.21983
P1_OS_0038 (OS)	566149.37	4222814.94	7.93E-02	6.39E-02	4.35E-06	0.14324	4.35	0.05598	0.19922
MS2_0011 (OS)	566121.61	4222646.6	8.38E-02	9.22E-03	4.34E-06	0.09300	4.34	0.03650	0.12950
MS2_0096 (OS)	566231.61	4222616.6	8.34E-02	1.15E-02	4.33E-06	0.09484	4.33	0.03696	0.13180
MS2_0078 (OS)	566211.61	4222626.6	8.23E-02	1.76E-02	4.30E-06	0.09987	4.30	0.03855	0.13842
MS2_0043 (OS)	566181.61	4222636.6	8.13E-02	2.66E-02	4.29E-06	0.10794	4.29	0.04121	0.14915
P1_OS_0101 (OS)	566209.37	4222814.94	7.66E-02	7.86E-02	4.27E-06	0.15522	4.27	0.06021	0.21543
P1_OS_0032 (OS)	566139.37	4222814.94	7.79E-02	5.35E-02	4.23E-06	0.13139	4.23	0.05156	0.18295
P1_OS_0110 (OS)	566219.37	4222814.94	7.45E-02	7.53E-02	4.15E-06	0.14981	4.15	0.05825	0.20806
MS2_0033 (OS)	566171.61	4222636.6	7.83E-02	2.89E-02	4.14E-06	0.10718	4.14	0.04074	0.14792
MS2_0008 (OS)	566111.61	4222646.6	7.94E-02	9.26E-03	4.12E-06	0.08869	4.12	0.03494	0.12363
MS2_0067 (OS)	566201.61	4222626.6	7.65E-02	2.15E-02	4.02E-06	0.09793	4.02	0.03756	0.13549
MS2_0023 (OS)	566161.61	4222636.6	7.58E-02	2.86E-02	4.01E-06	0.10436	4.01	0.03967	0.14403
MS2_0101 (OS)	566241.61	4222606.6	7.69E-02	8.73E-03	3.98E-06	0.08559	3.98	0.03349	0.11908
MS2_0087 (OS)	566221.61	4222616.6	7.53E-02	1.41E-02	3.93E-06	0.08947	3.93	0.03468	0.12415
MS2_0019 (OS)	566151.61	4222636.60	7.30E-02	2.58E-02	3.86E-06	0.09882	3.86	0.03768	0.13650
MS2_0055 (OS)	566191.61	4222626.6	7.19E-02	2.65E-02	3.80E-06	0.09835	3.80	0.03742	0.13577
P1_OS_0067 (OS)	566179.37	4222824.94	6.65E-02	7.29E-02	3.73E-06	0.13935	3.73	0.05418	0.19353
P1_OS_0079 (OS)	566189.37	4222824.94	6.61E-02	7.53E-02	3.72E-06	0.14138	3.72	0.05492	0.19630
MS2_0016 (OS)	566141.61	4222636.6	7.05E-02	1.98E-02	3.70E-06	0.09021	3.70	0.03470	0.12491
P1_OS_0056 (OS)	566169.37	4222824.94	6.60E-02	6.88E-02	3.68E-06	0.13477	3.68	0.05254	0.18731
P1_OS_0091 (OS)	566199.37	4222824.94	6.51E-02	7.54E-02	3.67E-06	0.14052	3.67	0.05461	0.19513
MS2_0077 (OS)	566211.61	4222616.6	6.94E-02	1.74E-02	3.64E-06	0.08685	3.64	0.03345	0.12030
MS2_0042 (OS)	566181.61	4222626.6	6.81E-02	3.28E-02	3.64E-06	0.10089	3.64	0.03806	0.13895
MS2_0104 (OS)	566251.61	4222596.6	6.99E-02	6.70E-03	3.62E-06	0.07656	3.62	0.03007	0.10663
P1_OS_0102 (OS)	566209.37	4222824.94	6.38E-02	7.40E-02	3.60E-06	0.13783	3.60	0.05366	0.19149
MS2_0095 (OS)	566231.61	4222606.6	6.91E-02	1.05E-02	3.59E-06	0.07960	3.59	0.03102	0.11062
P1_OS_0047 (OS)	566159.37	4222824.94	6.45E-02	6.27E-02	3.58E-06	0.12715	3.58	0.04979	0.17694
MS2_0013 (OS)	566131.61	4222636.6	6.73E-02	1.57E-02	3.52E-06	0.08304	3.52	0.03219	0.11523
MS2_0032 (OS)	566171.61	4222626.6	6.51E-02	4.00E-02	3.51E-06	0.10509	3.51	0.03929	0.14438
P1_OS_0039 (OS)	566149.37	4222824.94	6.26E-02	5.12E-02	3.43E-06	0.11377	3.43	0.04463	0.15840
MS2_0066 (OS)	566201.18	4222616.77	6.48E-02	2.23E-02	3.42E-06	0.08710	3.42	0.03326	0.12036
MS2_0022 (OS)	566161.61	4222626.6	6.23E-02	4.67E-02	3.40E-06	0.10900	3.40	0.04046	0.14946
MS2_0010 (OS)	566121.18	4222636.77	6.43E-02	1.36E-02	3.36E-06	0.07790	3.36	0.03040	0.10830
MS2_0086 (OS)	566221.61	4222606.6	6.32E-02	1.29E-02	3.30E-06	0.07618	3.30	0.02953	0.10571
MS2_0100 (OS)	566241.61	4222596.6	6.28E-02	7.85E-03	3.26E-06	0.07068	3.26	0.02767	0.09835
MS2_0054 (OS)	566191.61	4222616.6	6.09E-02	2.85E-02	3.25E-06	0.08941	3.25	0.03381	0.12322
P1_OS_0018 (OS)	566147.77	4222624.3	5.63E-02	6.85E-02	3.18E-06	0.12472	3.18	0.04541	0.17013
MS2_0007 (OS)	566111.61	4222636.6	6.08E-02	1.34E-02	3.18E-06	0.07425	3.18	0.02911	0.10336
MS2_0041 (OS)	566181.61	4222616.6	5.77E-02	3.75E-02	3.12E-06	0.09515	3.12	0.03554	0.13069
MS2_0076 (OS)	566211.61	4222606.6	5.87E-02	1.64E-02	3.08E-06	0.07514	3.08	0.02891	0.10405
P1_OS_0080 (OS)	566189.37	4222834.94	5.42E-02	7.01E-02	3.08E-06	0.12422	3.08	0.04845	0.17267
P1_OS_0092 (OS)	566199.37	4222834.94	5.38E-02	7.16E-02	3.07E-06	0.12531	3.07	0.04891	0.17422
P1_OS_0012 (OS)	566137.77	4222624.3	5.38E-02	6.95E-02	3.06E-06	0.12326	3.06	0.04483	0.16809
P1_OS_0068 (OS)	566179.37	4222834.94	5.40E-02	6.65E-02	3.06E-06	0.12047	3.06	0.04708	0.16755
MS2_0031 (OS)	566171.61	4222616.6	5.49E-02	4.89E-02	3.03E-06	0.10380	3.03	0.03829	0.14209
MS2_0094 (OS)	566231.61	4222596.6	5.74E-02	9.30E-03	2.99E-06	0.06673	2.99	0.02603	0.09276
P1_OS_0057 (OS)	566169.37	4222834.94	5.31E-02	5.99E-02	2.98E-06	0.11299	2.98	0.04438	0.15737
MS2_0065 (OS)	566201.61	4222606.6	5.50E-02	2.15E-02	2.92E-06	0.07654	2.92	0.02916	0.10570
P1_OS_0023 (OS)	566157.77	4222614.3	4.96E-02	8.16E-02	2.90E-06	0.13121	2.90	0.04717	0.17838
P1_OS_0006 (OS)	566127.77	4222624.3	5.13E-02	5.59E-02	2.87E-06	0.10714	2.87	0.03939	0.14653
P1_OS_0017 (OS)	566147.77	4222614.3	4.74E-02	8.85E-02	2.81E-06	0.13587	2.81	0.04864	0.18451
MS2_0053 (OS)	566191.61	4222606.6	5.19E-02	2.89E-02	2.79E-06	0.08082	2.79	0.03041	0.11123
MS2_0085 (OS)	566221.61	4222596.6	5.32E-02	1.16E-02	2.78E-06	0.06480	2.78	0.02508	0.08988
MS2_0040 (OS)	566181.61	4222606.6	4.92E-02	3.95E-02	2.70E-06	0.08870	2.70	0.03290	0.12160
MS2_0099 (OS)	566241.61	4222586.6	5.17E-02	6.80E-03	2.68E-06	0.05850	2.68	0.02294	0.08144
P1_OS_0011 (OS)	566137.77	4222614.3	4.52E-02	8.40E-02	2.68E-06	0.12918	2.68	0.04634	0.17552
MS2_0030 (OS)	566171.61	4222606.60	4.69E-02	5.33E-02	2.64E-06	0.10018	2.64	0.03662	0.13680
MS2_0006 (OS)	566111.61	4222626.6	4.94E-02	2.14E-02	2.63E-06	0.07073	2.63	0.02732	0.09805
MS2_0075 (OS)	566211.61	4222596.6	4.98E-02	1.47E-02	2.62E-06	0.06448	2.62	0.02482	0.08930
P1_OS_0022 (OS)	566157.77	4222604.3	4.24E-02	8.04E-02	2.52E-06	0.12277	2.52	0.04395	0.16672
P1_OS_0081 (OS)	566189.37	4222844.94	4.34E-02	6.59E-02	2.51E-06	0.10928	2.51	0.04291	0.15219
P1_OS_0005 (OS)	566127.77	4222614.30	4.31E-02	6.65E-02	2.50E-06	0.10964	2.50	0.03977	0.14941
MS2_0093 (OS)	566231.61	4222586.60	4.79E-02	8.06E-03	2.49E-06	0.05597	2.49	0.02187	0.07784
MS2_0064 (OS)	566201.18	4222596.77	4.69E-02	1.99E-02	2.49E-06	0.06683	2.49	0.02544	0.09227
P1_OS_0069 (OS)	566179.37	4222844.94	4.29E-02	5.81E-02	2.45E-06	0.10097	2.45	0.03984	0.14081
P1_OS_0016 (OS)	566147.77	4222604.3	4.05E-02	8.43E-02	2.44E-06	0.12483	2.44	0.04457	0.16940
MS2_0052 (OS)	566191.61	4222596.6	4.44E-02	2.72E-02	2.40E-06	0.07164	2.40	0.02691	0.09855
MS2_0084 (OS)	566221.61	4222586.6	4.48E-02	9.87E-03	2.34E-06	0.05471	2.34	0.02127	0.07598
MS2_0039 (OS)	566181.61	4222596.6	4.22E-02	3.90E-02	2.34E-06	0.08125	2.34	0.03024	0.11149
P1_OS_0010 (OS)	566137.77	4222604.3	3.87E-02	7.82E-02	2.32E-06	0.11688	2.32	0.04187	0.15875
MS2_0029 (OS)	566171.61	4222596.60	4.03E-02	5.57E-02	2.31E-06	0.09600	2.31	0.03485	0.13085
MS2_0005 (OS)	566111.61	4222616.6	4.15E-02	2.82E-02	2.25E-06	0.06970	2.25	0.02655	0.09625
MS2_0074 (OS)	566211.61	4222586.6	4.23E-02	1.25E-02	2.23E-06	0.05484	2.23	0.02116	0.07600
P1_OS_0021 (OS)	566157.77	4222594.3	3.66E-02	7.32E-02	2.19E-06	0.10975	2.19	0.03927	0.14902
P1_OS_0004 (OS)	566127.77	4222604.3	3.70E-02	5.94E-02	2.16E-06	0.09638	2.16	0.03500	0.13138
MS2_0063 (OS)	566201.61	4222586.6	4.01E-02	1.67E-02	2.13E-06	0.05679	2.13	0.02169	0.07848
P1_OS_0015 (OS)	566147.77	4222594.3	3.50E-02	7.46E-02	2.12E-06	0.10959	2.12	0.03917	0.14876
MS2_0092 (OS)	566231.61	4222576.6	4.01E-02	6.90E-03	2.09E-06	0.04703	2.09	0.01842	0.06545
MS2_0051 (OS)	566191.61	4222586.6	3.82E-02	2.34E-02	2.06E-06	0.06159	2.06	0.02320	0.08479
MS2_0038 (OS)	566181.61	4222586.6	3.64E-02	3.49E-02	2.02E-06	0.07127	2.02	0.02635	0.09762
MS2_0028 (OS)	566171.61	4222586.6	3.48E-02	5.34E-02	2.02E-06	0.08825	2.02	0.03195	0.12020
P1_OS_0009 (OS)	566137.77	4222594.3	3.35E-02	6.74E-02	2.01E-06	0.10090	2.01	0.03624	0.13714
MS2_008									

P1_OS_0003 (OS)	566127.77	4222594.3	3.21E-02	4.92E-02	1.86E-06	0.08126	1.86	0.02969	0.11095
P1_OS_0014 (OS)	566147.77	4222584.3	3.05E-02	6.52E-02	1.84E-06	0.09567	1.84	0.03426	0.12993
MS2_0062 (OS)	566201.18	4222576.77	3.45E-02	1.36E-02	1.83E-06	0.04806	1.83	0.01845	0.06651
MS2_0050 (OS)	566191.61	4222576.6	3.30E-02	1.83E-02	1.77E-06	0.05129	1.77	0.01945	0.07074
P1_OS_0008 (OS)	566137.77	4222584.30	2.93E-02	5.79E-02	1.75E-06	0.08716	1.75	0.03142	0.11858
MS2_0027 (OS)	566171.61	4222576.6	3.03E-02	4.32E-02	1.74E-06	0.07351	1.74	0.02676	0.10027
MS2_0037 (OS)	566181.61	4222576.6	3.16E-02	2.72E-02	1.74E-06	0.05878	1.74	0.02212	0.08090
MS2_0003 (OS)	566111.61	4222596.6	3.11E-02	3.05E-02	1.73E-06	0.06156	1.73	0.02326	0.08482
P1_OS_0019 (OS)	566157.77	4222574.3	2.78E-02	4.71E-02	1.63E-06	0.07489	1.63	0.02712	0.10201
P1_OS_0002 (OS)	566127.77	4222584.3	2.82E-02	4.11E-02	1.62E-06	0.06930	1.62	0.02547	0.09477
P1_OS_0013 (OS)	566147.77	4222574.3	2.67E-02	4.95E-02	1.59E-06	0.07621	1.59	0.02756	0.10377
MS2_0002 (OS)	566111.61	4222586.6	2.74E-02	2.87E-02	1.53E-06	0.05609	1.53	0.02123	0.07732
P1_OS_0007 (OS)	566137.77	4222574.3	2.58E-02	4.40E-02	1.51E-06	0.06981	1.51	0.02543	0.09524
P1_OS_0001 (OS)	566127.77	4222574.3	2.49E-02	3.11E-02	1.41E-06	0.05594	1.41	0.02084	0.07678
MS2_0001 (OS)	566111.61	4222576.6	2.44E-02	2.48E-02	1.36E-06	0.04911	1.36	0.01872	0.06783
Off-site Residential Receptors									
Res_0181 (Res)	566027.53	4222781.31	6.66E-02	7.03E-03	1.86E-05	0.07359	18.62	0.02921	0.10280
Res_0177 (Res)	566017.53	4222771.31	6.34E-02	5.95E-03	1.77E-05	0.06930	17.71	0.02739	0.09669
Res_0435 (Res)	566073.83	4222803.33	5.98E-02	1.46E-02	1.69E-05	0.07438	16.93	0.03002	0.10440
Res_0178 (Res)	566017.53	4222781.31	5.86E-02	6.23E-03	1.64E-05	0.06487	16.41	0.02571	0.09058
Res_0182 (Res)	566027.53	4222791.31	5.67E-02	7.34E-03	1.59E-05	0.06402	15.89	0.02557	0.08959
Res_0172 (Res)	566007.53	4222771.31	5.59E-02	5.36E-03	1.56E-05	0.06122	15.62	0.02418	0.08540
Res_0430 (Res)	566063.83	4222803.33	5.39E-02	1.23E-02	1.52E-05	0.06619	15.24	0.02678	0.09297
Res_0424 (Res)	566053.83	4222803.33	5.27E-02	1.07E-02	1.49E-05	0.06347	14.88	0.02578	0.08925
Res_0173 (Res)	566007.53	4222781.31	5.23E-02	5.58E-03	1.46E-05	0.05786	14.63	0.02291	0.08077
Res_0179 (Res)	566017.53	4222791.31	5.14E-02	6.47E-03	1.44E-05	0.05791	14.42	0.02306	0.08097
Res_0443 (Res)	566093.83	4222813.33	5.02E-02	1.93E-02	1.44E-05	0.06949	14.39	0.02802	0.09751
Res_0450 (Res)	566113.83	4222823.33	4.97E-02	2.22E-02	1.43E-05	0.07185	14.33	0.02891	0.10076
Res_0164 (Res)	565997.53	4222781.31	4.71E-02	5.05E-03	1.32E-05	0.05218	13.19	0.02065	0.07283
Res_0174 (Res)	566007.53	4222791.31	4.69E-02	5.77E-03	1.31E-05	0.05267	13.14	0.02093	0.07360
Res_0439 (Res)	566083.83	4222813.33	4.47E-02	1.62E-02	1.28E-05	0.06086	12.79	0.02459	0.08545
Res_0180 (Res)	566017.53	4222801.31	4.49E-02	6.64E-03	1.26E-05	0.05154	12.61	0.02065	0.07219
Res_0447 (Res)	566103.83	4222823.33	4.35E-02	1.89E-02	1.25E-05	0.06237	12.53	0.02510	0.08747
Res_0165 (Res)	565997.53	4222791.31	4.36E-02	5.20E-03	1.22E-05	0.04884	12.22	0.01938	0.06822
Res_0436 (Res)	566073.83	4222813.33	4.26E-02	1.37E-02	1.21E-05	0.05626	12.14	0.02277	0.07903
Res_0431 (Res)	566063.83	4222813.33	4.21E-02	1.18E-02	1.20E-05	0.05384	11.95	0.02183	0.07567
Res_0425 (Res)	566053.83	4222813.33	4.18E-02	1.04E-02	1.18E-05	0.05213	11.83	0.02124	0.07337
Res_0454 (Res)	566123.83	4222833.33	4.08E-02	2.04E-02	1.18E-05	0.06112	11.81	0.02463	0.08575
Res_0175 (Res)	566007.53	4222801.31	4.18E-02	5.91E-03	1.17E-05	0.04770	11.73	0.01905	0.06675
Res_0156 (Res)	565987.53	4222791.31	4.01E-02	4.73E-03	1.12E-05	0.04479	11.22	0.01776	0.06255
Res_0444 (Res)	566093.83	4222823.33	3.87E-02	1.63E-02	1.11E-05	0.05505	11.14	0.02219	0.07724
Res_0166 (Res)	565997.53	4222801.31	3.90E-02	5.31E-03	1.09E-05	0.04427	10.93	0.01764	0.06191
Res_0451 (Res)	566113.83	4222833.33	3.67E-02	1.75E-02	1.06E-05	0.05428	10.62	0.02186	0.07614
Res_0157 (Res)	565987.53	4222801.31	3.69E-02	4.82E-03	1.03E-05	0.04169	10.34	0.01658	0.05827
Res_0176 (Res)	566007.53	4222811.31	3.67E-02	5.99E-03	1.03E-05	0.04268	10.32	0.01715	0.05983
Res_0440 (Res)	566083.83	4222823.33	3.59E-02	1.42E-02	1.03E-05	0.05009	10.31	0.02024	0.07033
Res_0458 (Res)	566133.83	4222843.33	3.46E-02	1.83E-02	1.01E-05	0.05298	10.06	0.02140	0.07438
Res_0437 (Res)	566073.83	4222823.33	3.46E-02	1.24E-02	9.91E-06	0.04703	9.91	0.01905	0.06608
Res_0167 (Res)	565997.53	4222811.31	3.47E-02	5.38E-03	9.76E-06	0.04012	9.76	0.01606	0.05618
Res_0432 (Res)	566063.83	4222823.33	3.42E-02	1.09E-02	9.75E-06	0.04511	9.75	0.01833	0.06344
Res_0426 (Res)	566053.83	4222823.33	3.40E-02	9.76E-03	9.67E-06	0.04375	9.67	0.01787	0.06162
Res_0448 (Res)	566103.83	4222833.33	3.32E-02	1.55E-02	9.60E-06	0.04869	9.60	0.01962	0.06831
Res_0418 (Res)	566043.83	4222823.33	3.38E-02	8.88E-03	9.58E-06	0.04266	9.58	0.01756	0.06022
Res_0252 (Res)	566451.04	4222627.07	3.44E-02	1.62E-03	9.58E-06	0.03605	9.58	0.01418	0.05023
Res_0260 (Res)	566461.04	4222637.07	3.35E-02	1.60E-03	9.31E-06	0.03505	9.31	0.01380	0.04885
Res_0260 (Res)	566461.18	4222636.77	3.33E-02	1.60E-03	9.27E-06	0.03490	9.27	0.01374	0.04864
Res_0158 (Res)	565987.53	4222811.31	3.28E-02	4.87E-03	9.22E-06	0.03771	9.22	0.01506	0.05277
Res_0455 (Res)	566123.83	4222843.33	3.13E-02	1.57E-02	9.08E-06	0.04704	9.08	0.01898	0.06602
Res_0445 (Res)	566093.83	4222833.33	3.15E-02	1.38E-02	9.06E-06	0.04521	9.06	0.01824	0.06345
Res_0269 (Res)	566471.04	4222647.07	3.22E-02	1.58E-03	8.97E-06	0.03381	8.97	0.01331	0.04712
Res_0229 (Res)	566421.04	4222587.07	3.19E-02	1.55E-03	8.89E-06	0.03347	8.89	0.01319	0.04666
Res_0237 (Res)	566431.04	4222597.07	3.19E-02	1.55E-03	8.87E-06	0.03341	8.87	0.01316	0.04657
Res_0244 (Res)	566441.04	4222607.07	3.15E-02	1.54E-03	8.77E-06	0.03304	8.77	0.01301	0.04605
Res_0149 (Res)	565977.53	4222811.31	3.10E-02	4.44E-03	8.71E-06	0.03546	8.71	0.01414	0.04960
Res_0168 (Res)	565997.53	4222821.31	3.07E-02	5.39E-03	8.65E-06	0.03612	8.65	0.01456	0.05068
Res_0251 (Res)	566451.04	4222617.07	3.10E-02	1.53E-03	8.63E-06	0.03253	8.63	0.01282	0.04535
Res_0219 (Res)	566411.04	4222577.07	3.09E-02	1.55E-03	8.61E-06	0.03246	8.61	0.01280	0.04526
Res_0462 (Res)	566143.83	4222853.33	2.96E-02	1.59E-02	8.60E-06	0.04546	8.60	0.01844	0.06390
Res_0441 (Res)	566083.83	4222833.33	2.99E-02	1.23E-02	8.58E-06	0.04214	8.58	0.01704	0.05918
Res_0278 (Res)	566481.04	4222657.07	3.08E-02	1.56E-03	8.58E-06	0.03237	8.58	0.01275	0.04512
Res_0278 (Res)	566481.18	4222656.77	3.07E-02	1.55E-03	8.54E-06	0.03224	8.54	0.01270	0.04494
Res_0259 (Res)	566461.04	4222627.07	3.04E-02	1.52E-03	8.46E-06	0.03191	8.46	0.01257	0.04448
Res_0452 (Res)	566113.83	4222843.33	2.88E-02	1.40E-02	8.34E-06	0.04286	8.34	0.01729	0.06015
Res_0438 (Res)	566073.83	4222833.33	2.90E-02	1.10E-02	8.32E-06	0.04005	8.32	0.01624	0.05629
Res_0159 (Res)	565987.53	4222821.31	2.94E-02	4.88E-03	8.28E-06	0.03431	8.28	0.01378	0.04809
Res_0268 (Res)	566471.04	4222637.07	2.96E-02	1.51E-03	8.24E-06	0.03111	8.24	0.01226	0.04337
Res_0208 (Res)	566401.04	4222567.07	2.94E-02	1.54E-03	8.19E-06	0.03096	8.19	0.01222	0.04318
Res_0433 (Res)	566063.83	4222833.33	2.86E-02	9.92E-03	8.19E-06	0.03856	8.19	0.01569	0.05425
Res_0287 (Res)	566491.04	4222667.07	2.93E-02	1.52E-03	8.16E-06	0.03083	8.16	0.01215	0.04298
Res_0427 (Res)	566053.83	4222833.33	2.85E-02	9.00E-03	8.11E-06	0.03745	8.11	0.01532	0.05277
Res_0150 (Res)	565977.53	4222821.31	2.87E-02	4.45E-03	8.06E-06	0.03312	8.06	0.01325	0.04637
Res_0419 (Res)	566043.83	4222833.33	2.83E-02	8.27E-03	8.06E-06	0.03659	8.06	0.01508	0.05167
Res_0411 (Res)	566033.83	4222833.33	2.81E-02	7.50E-03	7.97E-06	0.03558	7.97	0.01466	0.05024
Res_0277 (Res)	566481.04	4222647.07	2.85E-02	1.49E-03	7.95E-06	0.03003	7.95	0.01183	0.04186
Res_0236 (Res)	566431.04	4222587.07	2.84E-02	1.47E-03	7.89E-06	0.02982	7.89	0.01176	0.04158
Res_0459 (Res)	566133.83	4222853.33	2.72E-02	1.38E-02	7.89E-06	0.04102	7.89	0.01661	0.05763
Res_0243 (Res)	566441.04	4222597.07	2.83E-02	1.46E-03	7.88E-06	0.02975	7.88	0.01173	0.04148
Res_0243 (Res)	566441.18	4222596.77	2.82E-02	1.46E-03	7.84E-06	0.02961	7.84	0.01167	0.04128
Res_0296 (Res)	566501.04	4222677.07	2.81E-02	1.49E-03	7.82E-06	0.02959	7.82	0.01166	0.04125
Res_0228 (Res)	566421.04	4222577.07	2.81E-02	1.47E-03	7.82E-06	0.02954	7.82	0.01165	0.04119
Res_0296 (Res)	566501.18	4222676.77	2.80E-02	1.49E-03	7.79E-06	0.02948	7.79	0.01162	0.04110
Res_0228 (Res)	566421.18	4222576.77	2.79E-02	1.46E-03	7.78E-06	0.02939	7.78	0.01160	0.04099
Res_0250 (Res)	566451.04	4222607.07	2.79E-02	1.45E-03	7.77E-06	0.02937	7.77	0.01158	0.04095
Res_0449 (Res)	566103.83	4222843.33	2.69E-02	1.27E-02	7.77E-06	0.03959	7.77	0.01598	0.05557
Res_0258 (Res)	566461.04	4222617.07</							

Res_0160 (Res)	565987.53	4222831.31	2.70E-02	4.85E-03	7.60E-06	0.03182	7.60
Res_0286 (Res)	566491.04	4222657.07	2.73E-02	1.46E-03	7.59E-06	0.02872	7.59
Res_0267 (Res)	566471.04	4222627.07	2.71E-02	1.44E-03	7.54E-06	0.02850	7.54
Res_0218 (Res)	566411.04	4222567.07	2.70E-02	1.46E-03	7.52E-06	0.02847	7.52
Res_0446 (Res)	566093.83	4222843.33	2.56E-02	1.16E-02	7.39E-06	0.03720	7.39
Res_0276 (Res)	566481.04	4222637.07	2.64E-02	1.43E-03	7.35E-06	0.02781	7.35
Res_0276 (Res)	566481.18	4222636.77	2.63E-02	1.43E-03	7.32E-06	0.02771	7.32
Res_0151 (Res)	565977.53	4222831.31	2.60E-02	4.43E-03	7.31E-06	0.03039	7.31
Res_0466 (Res)	566153.83	4222863.33	2.51E-02	1.27E-02	7.28E-06	0.03780	7.28
Res_0295 (Res)	566501.04	4222667.07	2.61E-02	1.43E-03	7.26E-06	0.02749	7.26
Res_0456 (Res)	566123.83	4222853.33	2.50E-02	1.23E-02	7.24E-06	0.03731	7.24
Res_0442 (Res)	566083.83	4222843.33	2.48E-02	1.06E-02	7.13E-06	0.03531	7.13
Res_0207 (Res)	566401.04	4222557.07	2.55E-02	1.45E-03	7.09E-06	0.02690	7.09
Res_0242 (Res)	566441.04	4222587.07	2.54E-02	1.39E-03	7.09E-06	0.02683	7.09
Res_0207 (Res)	566401.18	4222556.77	2.53E-02	1.45E-03	7.05E-06	0.02677	7.05
Res_0285 (Res)	566491.04	4222647.07	2.53E-02	1.40E-03	7.05E-06	0.02672	7.05
Res_0249 (Res)	566451.04	4222597.07	2.53E-02	1.38E-03	7.05E-06	0.02668	7.05
Res_0235 (Res)	566431.04	4222577.07	2.53E-02	1.39E-03	7.04E-06	0.02666	7.04
Res_0304 (Res)	566511.04	4222677.07	2.51E-02	1.40E-03	6.99E-06	0.02648	6.99
Res_0170 (Res)	565997.53	4222841.31	2.47E-02	5.30E-03	6.98E-06	0.03000	6.98
Res_0257 (Res)	566461.04	4222607.07	2.50E-02	1.38E-03	6.97E-06	0.02641	6.97
Res_0189 (Res)	566381.04	4222547.07	2.49E-02	1.51E-03	6.94E-06	0.02643	6.94
Res_0227 (Res)	566421.04	4222567.07	2.49E-02	1.39E-03	6.93E-06	0.02626	6.93
Res_0266 (Res)	566471.04	4222617.07	2.47E-02	1.37E-03	6.89E-06	0.02610	6.89
Res_0434 (Res)	566063.83	4222843.33	2.40E-02	8.85E-03	6.88E-06	0.03289	6.88
Res_0428 (Res)	566053.83	4222843.33	2.39E-02	8.16E-03	6.83E-06	0.03207	6.83
Res_0420 (Res)	566043.83	4222843.33	2.39E-02	7.58E-03	6.80E-06	0.03143	6.80
Res_0161 (Res)	565987.53	4222841.31	2.41E-02	4.79E-03	6.80E-06	0.02889	6.80
Res_0463 (Res)	566143.83	4222863.33	2.35E-02	1.14E-02	6.79E-06	0.03490	6.79
Res_0453 (Res)	566113.83	4222853.33	2.35E-02	1.13E-02	6.79E-06	0.03479	6.79
Res_0412 (Res)	566033.83	4222843.33	2.38E-02	7.13E-03	6.78E-06	0.03093	6.78
Res_0275 (Res)	566481.04	4222627.07	2.43E-02	1.36E-03	6.76E-06	0.02562	6.76
Res_0294 (Res)	566501.04	4222657.07	2.43E-02	1.37E-03	6.75E-06	0.02562	6.75
Res_0294 (Res)	566501.18	4222656.77	2.42E-02	1.37E-03	6.73E-06	0.02553	6.73
Res_0217 (Res)	566411.04	4222557.07	2.37E-02	1.38E-03	6.61E-06	0.02510	6.61
Res_0152 (Res)	565977.53	4222841.31	2.34E-02	4.38E-03	6.60E-06	0.02780	6.60
Res_0284 (Res)	566491.04	4222637.07	2.35E-02	1.34E-03	6.54E-06	0.02482	6.54
Res_0197 (Res)	566391.04	4222547.07	2.35E-02	1.44E-03	6.54E-06	0.02491	6.54
Res_0303 (Res)	566511.04	4222667.07	2.33E-02	1.34E-03	6.49E-06	0.02464	6.49
Res_0248 (Res)	566451.04	4222587.07	2.30E-02	1.31E-03	6.40E-06	0.02428	6.40
Res_0241 (Res)	566441.04	4222577.07	2.29E-02	1.32E-03	6.39E-06	0.02425	6.39
Res_0256 (Res)	566461.04	4222597.07	2.28E-02	1.31E-03	6.36E-06	0.02415	6.36
Res_0241 (Res)	566441.18	4222576.77	2.28E-02	1.31E-03	6.36E-06	0.02413	6.36
Res_0234 (Res)	566431.04	4222567.07	2.28E-02	1.32E-03	6.35E-06	0.02411	6.35
Res_0256 (Res)	566461.18	4222596.77	2.28E-02	1.31E-03	6.34E-06	0.02406	6.34
Res_0460 (Res)	566133.83	4222863.33	2.19E-02	1.05E-02	6.32E-06	0.03233	6.32
Res_0265 (Res)	566471.04	4222607.07	2.26E-02	1.31E-03	6.30E-06	0.02392	6.30
Res_0293 (Res)	566501.04	4222647.07	2.26E-02	1.32E-03	6.28E-06	0.02387	6.28
Res_0274 (Res)	566481.04	4222617.07	2.23E-02	1.30E-03	6.21E-06	0.02360	6.21
Res_0171 (Res)	565997.53	4222851.31	2.19E-02	5.23E-03	6.20E-06	0.02713	6.20
Res_0274 (Res)	566481.18	4222616.77	2.22E-02	1.30E-03	6.19E-06	0.02352	6.19
Res_0206 (Res)	566401.04	4222547.07	2.22E-02	1.37E-03	6.18E-06	0.02354	6.18
Res_0470 (Res)	566163.83	4222873.33	2.15E-02	8.71E-03	6.17E-06	0.03019	6.17
Res_0226 (Res)	566421.04	4222557.07	2.21E-02	1.32E-03	6.17E-06	0.02345	6.17
Res_0226 (Res)	566421.18	4222556.77	2.20E-02	1.32E-03	6.14E-06	0.02335	6.14
Res_0162 (Res)	565987.53	4222851.31	2.15E-02	4.71E-03	6.08E-06	0.02623	6.08
Res_0302 (Res)	566511.04	4222657.07	2.17E-02	1.29E-03	6.05E-06	0.02300	6.05
Res_0283 (Res)	566491.04	4222627.07	2.17E-02	1.29E-03	6.05E-06	0.02299	6.05
Res_0153 (Res)	565977.53	4222851.31	2.11E-02	4.30E-03	5.95E-06	0.02538	5.95
Res_0188 (Res)	566381.04	4222537.07	2.13E-02	1.42E-03	5.95E-06	0.02276	5.95
Res_0457 (Res)	566123.83	4222863.33	2.05E-02	9.71E-03	5.92E-06	0.03020	5.92
Res_0188 (Res)	566381.18	4222536.77	2.12E-02	1.42E-03	5.92E-06	0.02265	5.92
Res_0429 (Res)	566053.83	4222853.33	2.07E-02	7.32E-03	5.92E-06	0.02800	5.92
Res_0405 (Res)	566023.83	4222853.33	2.08E-02	6.28E-03	5.91E-06	0.02705	5.91
Res_0421 (Res)	566043.83	4222853.33	2.07E-02	6.88E-03	5.90E-06	0.02754	5.90
Res_0413 (Res)	566033.83	4222853.33	2.07E-02	6.52E-03	5.89E-06	0.02718	5.89
Res_0292 (Res)	566501.04	4222637.07	2.10E-02	1.26E-03	5.84E-06	0.02223	5.84
Res_0216 (Res)	566411.04	4222547.07	2.09E-02	1.31E-03	5.84E-06	0.02225	5.84
Res_0292 (Res)	566501.18	4222636.77	2.09E-02	1.26E-03	5.82E-06	0.02215	5.82
Res_0247 (Res)	566451.04	4222577.07	2.09E-02	1.25E-03	5.82E-06	0.02213	5.82
Res_0255 (Res)	566461.04	4222587.07	2.09E-02	1.25E-03	5.82E-06	0.02212	5.82
Res_0145 (Res)	565967.53	4222851.31	2.06E-02	3.96E-03	5.80E-06	0.02452	5.80
Res_0467 (Res)	566153.83	4222873.33	2.01E-02	8.18E-03	5.78E-06	0.02831	5.78
Res_0264 (Res)	566471.04	4222597.07	2.07E-02	1.24E-03	5.78E-06	0.02198	5.78
Res_0240 (Res)	566441.04	4222567.07	2.07E-02	1.26E-03	5.78E-06	0.02199	5.78
Res_0310 (Res)	566521.04	4222667.07	2.07E-02	1.24E-03	5.76E-06	0.02192	5.76
Res_0273 (Res)	566481.04	4222607.07	2.05E-02	1.24E-03	5.72E-06	0.02176	5.72
Res_0233 (Res)	566431.04	4222557.07	2.05E-02	1.26E-03	5.70E-06	0.02171	5.70
Res_0196 (Res)	566391.04	4222537.07	2.03E-02	1.36E-03	5.67E-06	0.02169	5.67
Res_0301 (Res)	566511.04	4222647.07	2.02E-02	1.24E-03	5.63E-06	0.02146	5.63
Res_0282 (Res)	566491.04	4222617.07	2.01E-02	1.23E-03	5.59E-06	0.02129	5.59
Res_0225 (Res)	566421.04	4222547.07	1.98E-02	1.25E-03	5.51E-06	0.02101	5.51
Res_0464 (Res)	566143.83	4222873.33	1.90E-02	7.84E-03	5.45E-06	0.02681	5.45
Res_0163 (Res)	565987.53	4222861.31	1.93E-02	4.64E-03	5.45E-06	0.02389	5.45
Res_0291 (Res)	566501.04	4222627.07	1.95E-02	1.21E-03	5.42E-06	0.02067	5.42
Res_0205 (Res)	566401.04	4222537.07	1.94E-02	1.30E-03	5.41E-06	0.02069	5.41
Res_0205 (Res)	566401.18	4222536.77	1.93E-02	1.29E-03	5.38E-06	0.02059	5.38
Res_0309 (Res)	566521.04	4222657.07	1.93E-02	1.20E-03	5.38E-06	0.02050	5.38
Res_0474 (Res)	566173.83	4222883.33	1.88E-02	6.74E-03	5.37E-06	0.02551	5.37
Res_0154 (Res)	565977.53	4222861.31	1.90E-02	4.22E-03	5.36E-06	0.02318	5.36
Res_0309 (Res)	566521.18	4222656.77	1.92E-02	1.19E-03	5.36E-06	0.02042	5.36
Res_0254 (Res)	566461.04	4222577.07	1.91E-02	1.19E-03	5.32E-06	0.02029	5.32
Res_0263 (Res)	566471.04	4222587.07	1.91E-02	1.19E-03	5.31E-06	0.02024	5.31
Res_0254 (Res)	566461.18	4222576.77	1.90E-02	1.19E-03	5.30E-06	0.02022	5.30
Res_0246 (Res)	566451.04	4222567.07	1.90E-02	1.19E-03	5.30E-06	0.02021	5.30
Res_0398 (Res)	566013.83	4222863.33	1.86E-02	5.36E-03	5.28E-06	0.02391	5.28
Res_0272 (Res)	566481.04	4222597.07	1.89E-02	1.18E-03	5.27E-06	0.02009	5.27
Res_0146 (Res)	565967.53	4222861.31	1.86E-02	3.88E-03	5.26E-06	0.02249	5.26

0.01285	0.04467
0.01132	0.04004
0.01124	0.03974
0.01124	0.03971
0.01505	0.05225
0.01097	0.03878
0.01092	0.03863
0.01223	0.04262
0.01547	0.05327
0.01083	0.03832
0.01510	0.05241
0.01431	0.04962
0.01063	0.03753
0.01059	0.03742
0.01057	0.03734
0.01054	0.03726
0.01053	0.03721
0.01053	0.03719
0.01044	0.03692
0.01231	0.04231
0.01042	0.03683
0.01046	0.03689
0.01037	0.03663
0.01030	0.03640
0.01342	0.04631
0.01316	0.04523
0.01299	0.04442
0.01176	0.04065
0.01422	0.04912
0.01407	0.04886
0.01291	0.04384
0.01011	0.03573
0.01011	0.03573
0.01007	0.03560
0.00992	0.03502
0.01126	0.03906
0.00980	0.03462
0.00985	0.03476
0.00972	0.03436
0.00959	0.03387
0.00958	0.03383
0.00954	0.03369
0.00954	0.03367
0.00953	0.03364
0.00950	0.03356
0.01315	0.04548
0.00944	0.03336
0.00942	0.03329
0.00932	0.03292
0.01130	0.03843
0.00929	0.03281
0.00931	0.03285
0.01255	0.04274
0.00927	0.03272
0.00923	0.03258
0.01080	0.03703
0.00908	0.03208
0.00908	0.03207
0.01037	0.03575
0.00902	0.03178
0.01227	0.04247
0.00898	0.03163
0.01151	0.03951
0.01146	0.03851
0.01140	0.03894
0.01135	0.03853
0.00878	0.03101
0.00880	0.03105
0.00875	0.03090
0.00875	0.03088
0.00874	0.03086
0.00996	0.03448
0.01168	0.03999
0.00869	0.03067
0.00870	0.03069
0.00865	0.03057
0.00860	0.03036
0.00859	0.03030
0.00859	0.03028
0.00848	0.02994
0.00841	0.02970
0.00832	0.02933
0.01101	0.03782
0.00998	0.03387
0.00817	0.02884
0.00820	0.02889
0.00816	0.02875
0.00809	0.02859
0.01073	0.03624
0.00958	0.03276
0.00806	0.02848
0.00803	0.02832
0.00801	0.02825
0.00800	0.02822
0.00800	0.02821
0.01007	0.03398
0.00795	0.02804
0.00922	0.03171

Res_0272 (Res)	566481.18	4222596.77	1.88E-02	1.18E-03	5.25E-06	0.02002	5.25	0.00792	0.02794
Res_0300 (Res)	566511.04	4222637.07	1.88E-02	1.19E-03	5.25E-06	0.02002	5.25	0.00791	0.02793
Res_0239 (Res)	566441.04	4222557.07	1.88E-02	1.20E-03	5.23E-06	0.01997	5.23	0.00791	0.02788
Res_0239 (Res)	566441.18	4222556.77	1.87E-02	1.19E-03	5.21E-06	0.01989	5.21	0.00788	0.02777
Res_0406 (Res)	566023.83	4222863.33	1.83E-02	5.72E-03	5.20E-06	0.02398	5.20	0.01015	0.03413
Res_0414 (Res)	566033.83	4222863.33	1.82E-02	5.92E-03	5.18E-06	0.02407	5.18	0.01007	0.03414
Res_0422 (Res)	566043.83	4222863.33	1.81E-02	6.19E-03	5.17E-06	0.02430	5.17	0.01007	0.03437
Res_0281 (Res)	566491.04	4222607.07	1.86E-02	1.17E-03	5.17E-06	0.01973	5.17	0.00781	0.02754
Res_0461 (Res)	566133.83	4222873.33	1.80E-02	7.54E-03	5.16E-06	0.02549	5.16	0.01044	0.03593
Res_0187 (Res)	566381.04	4222527.07	1.85E-02	1.34E-03	5.16E-06	0.01984	5.16	0.00788	0.02772
Res_0215 (Res)	566411.04	4222537.07	1.85E-02	1.24E-03	5.15E-06	0.01971	5.15	0.00781	0.02752
Res_0140 (Res)	565957.53	4222861.31	1.82E-02	3.59E-03	5.14E-06	0.02181	5.14	0.00889	0.03070
Res_0232 (Res)	566431.04	4222547.07	1.84E-02	1.20E-03	5.13E-06	0.01960	5.13	0.00776	0.02736
Res_0315 (Res)	566531.04	4222667.07	1.84E-02	1.15E-03	5.12E-06	0.01953	5.12	0.00771	0.02724
Res_0471 (Res)	566163.83	4222883.33	1.77E-02	6.25E-03	5.06E-06	0.02394	5.06	0.01000	0.03394
Res_0290 (Res)	566501.04	4222617.07	1.81E-02	1.16E-03	5.04E-06	0.01924	5.04	0.00761	0.02685
Res_0290 (Res)	566501.18	4222616.77	1.80E-02	1.16E-03	5.02E-06	0.01917	5.02	0.00758	0.02675
Res_0308 (Res)	566521.04	4222647.07	1.80E-02	1.15E-03	5.02E-06	0.01916	5.02	0.00757	0.02673
Res_0195 (Res)	566391.04	4222527.07	1.78E-02	1.28E-03	4.97E-06	0.01908	4.97	0.00757	0.02665
Res_0224 (Res)	566421.04	4222537.07	1.76E-02	1.19E-03	4.90E-06	0.01876	4.90	0.00743	0.02619
Res_0253 (Res)	566461.04	4222567.07	1.75E-02	1.14E-03	4.89E-06	0.01868	4.89	0.00739	0.02607
Res_0299 (Res)	566511.04	4222627.07	1.75E-02	1.14E-03	4.89E-06	0.01868	4.89	0.00739	0.02607
Res_0262 (Res)	566471.04	4222577.07	1.75E-02	1.13E-03	4.89E-06	0.01866	4.89	0.00739	0.02605
Res_0224 (Res)	566421.18	4222536.77	1.75E-02	1.19E-03	4.88E-06	0.01869	4.88	0.00740	0.02609
Res_0271 (Res)	566481.04	4222587.07	1.75E-02	1.13E-03	4.86E-06	0.01858	4.86	0.00736	0.02594
Res_0155 (Res)	565977.53	4222871.31	1.71E-02	4.14E-03	4.84E-06	0.02123	4.84	0.00890	0.03013
Res_0245 (Res)	566451.04	4222557.07	1.73E-02	1.14E-03	4.83E-06	0.01848	4.83	0.00732	0.02580
Res_0280 (Res)	566491.04	4222597.07	1.72E-02	1.12E-03	4.80E-06	0.01833	4.80	0.00726	0.02559
Res_0314 (Res)	566531.04	4222657.07	1.72E-02	1.11E-03	4.79E-06	0.01829	4.79	0.00722	0.02551
Res_0468 (Res)	566153.83	4222883.33	1.67E-02	6.01E-03	4.77E-06	0.02269	4.77	0.00942	0.03211
Res_0238 (Res)	566441.04	4222547.07	1.71E-02	1.14E-03	4.77E-06	0.01826	4.77	0.00724	0.02550
Res_0147 (Res)	565967.53	4222871.31	1.69E-02	3.80E-03	4.77E-06	0.02066	4.77	0.00857	0.02923
Res_0204 (Res)	566401.04	4222527.07	1.71E-02	1.23E-03	4.77E-06	0.01832	4.77	0.00727	0.02559
Res_0399 (Res)	566013.83	4222873.33	1.66E-02	5.10E-03	4.72E-06	0.02168	4.72	0.00930	0.03098
Res_0478 (Res)	566183.83	4222893.33	1.65E-02	5.59E-03	4.72E-06	0.02211	4.72	0.00936	0.03147
Res_0307 (Res)	566521.04	4222637.07	1.68E-02	1.10E-03	4.69E-06	0.01792	4.69	0.00709	0.02501
Res_0141 (Res)	565957.53	4222871.31	1.66E-02	3.51E-03	4.69E-06	0.02011	4.69	0.00828	0.02839
Res_0289 (Res)	566501.04	4222607.07	1.68E-02	1.11E-03	4.69E-06	0.01792	4.69	0.00709	0.02501
Res_0307 (Res)	566521.18	4222636.77	1.68E-02	1.10E-03	4.67E-06	0.01786	4.67	0.00707	0.02493
Res_0407 (Res)	566023.83	4222873.33	1.62E-02	5.19E-03	4.61E-06	0.02137	4.61	0.00904	0.03041
Res_0231 (Res)	566431.04	4222537.07	1.65E-02	1.14E-03	4.61E-06	0.01766	4.61	0.00700	0.02466
Res_0135 (Res)	565947.53	4222871.31	1.63E-02	3.27E-03	4.60E-06	0.01957	4.60	0.00801	0.02758
Res_0415 (Res)	566033.83	4222873.33	1.61E-02	5.34E-03	4.59E-06	0.02141	4.59	0.00897	0.03038
Res_0319 (Res)	566541.04	4222667.07	1.64E-02	1.07E-03	4.58E-06	0.01750	4.58	0.00691	0.02441
Res_0423 (Res)	566043.83	4222873.33	1.60E-02	5.52E-03	4.57E-06	0.02151	4.57	0.00894	0.03045
Res_0214 (Res)	566411.04	4222527.07	1.64E-02	1.18E-03	4.57E-06	0.01756	4.57	0.00697	0.02453
Res_0298 (Res)	566511.04	4222617.07	1.64E-02	1.09E-03	4.56E-06	0.01745	4.56	0.00691	0.02436
Res_0465 (Res)	566143.83	4222883.33	1.58E-02	5.91E-03	4.54E-06	0.02175	4.54	0.00899	0.03074
Res_0186 (Res)	566381.04	4222517.07	1.62E-02	1.27E-03	4.53E-06	0.01750	4.53	0.00696	0.02446
Res_0261 (Res)	566471.04	4222567.07	1.62E-02	1.08E-03	4.52E-06	0.01730	4.52	0.00686	0.02416
Res_0186 (Res)	566381.18	4222516.77	1.62E-02	1.27E-03	4.51E-06	0.01743	4.51	0.00693	0.02436
Res_0270 (Res)	566481.04	4222577.07	1.61E-02	1.08E-03	4.49E-06	0.01720	4.49	0.00681	0.02401
Res_0270 (Res)	566481.18	4222576.77	1.61E-02	1.08E-03	4.48E-06	0.01715	4.48	0.00679	0.02394
Res_0313 (Res)	566531.04	4222647.07	1.61E-02	1.07E-03	4.48E-06	0.01714	4.48	0.00678	0.02392
Res_0475 (Res)	566173.83	4222893.33	1.57E-02	5.08E-03	4.47E-06	0.02075	4.47	0.00873	0.02948
Res_0279 (Res)	566491.04	4222587.07	1.60E-02	1.07E-03	4.46E-06	0.01706	4.46	0.00676	0.02382
Res_0306 (Res)	566521.04	4222627.07	1.58E-02	1.06E-03	4.39E-06	0.01682	4.39	0.00666	0.02348
Res_0194 (Res)	566391.04	4222517.07	1.57E-02	1.22E-03	4.38E-06	0.01693	4.38	0.00673	0.02366
Res_0288 (Res)	566501.04	4222597.07	1.57E-02	1.06E-03	4.37E-06	0.01675	4.37	0.00664	0.02339
Res_0223 (Res)	566421.04	4222527.07	1.57E-02	1.13E-03	4.37E-06	0.01681	4.37	0.00667	0.02348
Res_0288 (Res)	566501.18	4222596.77	1.56E-02	1.06E-03	4.36E-06	0.01670	4.36	0.00662	0.02332
Res_0148 (Res)	565967.53	4222881.31	1.53E-02	3.74E-03	4.34E-06	0.01906	4.34	0.00803	0.02709
Res_0318 (Res)	566541.04	4222657.07	1.54E-02	1.03E-03	4.29E-06	0.01641	4.29	0.00649	0.02290
Res_0142 (Res)	565957.53	4222881.31	1.51E-02	3.45E-03	4.28E-06	0.01859	4.28	0.00775	0.02634
Res_0318 (Res)	566541.18	4222656.77	1.53E-02	1.02E-03	4.27E-06	0.01635	4.27	0.00646	0.02281
Res_0297 (Res)	566511.04	4222607.07	1.53E-02	1.05E-03	4.26E-06	0.01633	4.26	0.00647	0.02280
Res_0392 (Res)	566003.83	4222883.33	1.49E-02	4.62E-03	4.25E-06	0.01952	4.25	0.00851	0.02803
Res_0472 (Res)	566163.83	4222893.33	1.49E-02	4.80E-03	4.24E-06	0.01966	4.24	0.00824	0.02790
Res_0203 (Res)	566401.04	4222517.07	1.52E-02	1.17E-03	4.23E-06	0.01634	4.23	0.00649	0.02283
Res_0400 (Res)	566013.83	4222883.33	1.48E-02	4.61E-03	4.22E-06	0.01943	4.22	0.00832	0.02775
Res_0482 (Res)	566193.83	4222903.33	1.48E-02	4.90E-03	4.22E-06	0.01968	4.22	0.00838	0.02806
Res_0136 (Res)	565947.53	4222881.31	1.49E-02	3.20E-03	4.22E-06	0.01813	4.22	0.00750	0.02563
Res_0203 (Res)	566401.18	4222516.77	1.51E-02	1.16E-03	4.22E-06	0.01627	4.22	0.00647	0.02274
Res_0312 (Res)	566531.04	4222637.07	1.51E-02	1.02E-03	4.20E-06	0.01607	4.20	0.00636	0.02243
Res_0230 (Res)	566431.04	4222527.07	1.49E-02	1.08E-03	4.15E-06	0.01596	4.15	0.00634	0.02230
Res_0130 (Res)	565937.53	4222881.31	1.47E-02	2.99E-03	4.15E-06	0.01769	4.15	0.00726	0.02495
Res_0305 (Res)	566521.04	4222617.07	1.48E-02	1.02E-03	4.12E-06	0.01581	4.12	0.00626	0.02207
Res_0305 (Res)	566521.18	4222616.77	1.47E-02	1.02E-03	4.11E-06	0.01576	4.11	0.00624	0.02200
Res_0408 (Res)	566023.83	4222883.33	1.44E-02	4.67E-03	4.10E-06	0.01904	4.10	0.00806	0.02710
Res_0213 (Res)	566411.04	4222517.07	1.46E-02	1.12E-03	4.08E-06	0.01573	4.08	0.00625	0.02198
Res_0416 (Res)	566033.83	4222883.33	1.43E-02	4.77E-03	4.07E-06	0.01902	4.07	0.00798	0.02700
Res_0469 (Res)	566153.83	4222893.33	1.41E-02	4.68E-03	4.04E-06	0.01882	4.04	0.00785	0.02667
Res_0317 (Res)	566541.04	4222647.07	1.44E-02	9.90E-04	4.02E-06	0.01542	4.02	0.00610	0.02152
Res_0185 (Res)	566381.04	4222507.07	1.43E-02	1.20E-03	3.99E-06	0.01550	3.99	0.00618	0.02168
Res_0479 (Res)	566183.83	4222903.33	1.39E-02	4.28E-03	3.96E-06	0.01818	3.96	0.00769	0.02587
Res_0311 (Res)	566531.04	4222627.07	1.42E-02	9.90E-04	3.96E-06	0.01518	3.96	0.00601	0.02119
Res_0386 (Res)	565993.83	4222893.33	1.39E-02	4.22E-03	3.95E-06	0.01810	3.95	0.00799	0.02609
Res_0321 (Res)	566551.04	4222657.07	1.41E-02	9.70E-04	3.93E-06	0.01505	3.93	0.00595	0.02100
Res_0143 (Res)	565957.53	4222891.31	1.38E-02	3.40E-03	3.92E-06	0.01724	3.92	0.00732	0.02456
Res_0222 (Res)	566421.04	4222517.07	1.41E-02	1.08E-03	3.92E-06	0.01513	3.92	0.00601	0.02114
Res_0222 (Res)	566421.18	4222516.77	1.40E-02	1.07E-03	3.91E-06	0.01507	3.91	0.00599	0.02106
Res_0193 (Res)	566391.04	4222507.07	1.39E-02	1.15E-03	3.89E-06	0.01507	3.89	0.00600	0.02107
Res_0137 (Res)	565947.53	4222891.31	1.37E-02	3.14E-03	3.88E-06	0.01684	3.88	0.00706	0.02390
Res_0131 (Res)	565937.53	4222891.31	1.35E-02	2.93E-03	3.82E-06	0.01645	3.82	0.00683	0.02328
Res_0393 (Res)	566003.83	4222893.33</							

Res_0202 (Res)	566401.04	4222507.07	1.35E-02	1.11E-03	3.77E-06	0.01462	3.77	0.00582	0.02044
Res_0476 (Res)	566173.83	4222903.33	1.32E-02	3.98E-03	3.77E-06	0.01722	3.77	0.00726	0.02448
Res_0316 (Res)	566541.18	4222636.77	1.35E-02	9.50E-04	3.77E-06	0.01446	3.77	0.00572	0.02018
Res_0125 (Res)	565927.53	4222891.31	1.33E-02	2.74E-03	3.76E-06	0.01606	3.76	0.00662	0.02268
Res_0320 (Res)	566551.04	4222647.07	1.32E-02	9.30E-04	3.69E-06	0.01417	3.69	0.00561	0.01978
Res_0409 (Res)	566023.83	4222893.33	1.28E-02	4.18E-03	3.66E-06	0.01700	3.66	0.00721	0.02421
Res_0212 (Res)	566411.04	4222507.07	1.31E-02	1.06E-03	3.65E-06	0.01414	3.65	0.00563	0.01977
Res_0417 (Res)	566033.83	4222893.33	1.27E-02	4.24E-03	3.62E-06	0.01692	3.62	0.00711	0.02403
Res_0473 (Res)	566163.83	4222903.33	1.27E-02	3.83E-03	3.60E-06	0.01649	3.60	0.00693	0.02342
Res_0144 (Res)	565957.53	4222901.31	1.27E-02	3.42E-03	3.60E-06	0.01611	3.60	0.00701	0.02312
Res_0380 (Res)	565983.83	4222903.33	1.26E-02	3.62E-03	3.57E-06	0.01617	3.57	0.00705	0.02322
Res_0483 (Res)	566193.83	4222913.33	1.25E-02	3.80E-03	3.57E-06	0.01633	3.57	0.00694	0.02327
Res_0387 (Res)	565993.83	4222903.33	1.25E-02	3.77E-03	3.57E-06	0.01630	3.57	0.00715	0.02345
Res_0138 (Res)	565947.53	4222901.31	1.26E-02	3.11E-03	3.56E-06	0.01569	3.56	0.00669	0.02238
Res_0184 (Res)	566381.04	4222497.07	1.27E-02	1.14E-03	3.55E-06	0.01384	3.55	0.00552	0.01936
Res_0184 (Res)	566381.18	4222496.77	1.27E-02	1.13E-03	3.54E-06	0.01379	3.54	0.00550	0.01929
Res_0221 (Res)	566421.04	4222507.07	1.27E-02	1.02E-03	3.53E-06	0.01367	3.53	0.00544	0.01911
Res_0132 (Res)	565937.53	4222901.31	1.25E-02	2.87E-03	3.52E-06	0.01532	3.52	0.00645	0.02177
Res_0126 (Res)	565927.53	4222901.31	1.23E-02	2.68E-03	3.47E-06	0.01497	3.47	0.00624	0.02121
Res_0192 (Res)	566391.04	4222497.07	1.24E-02	1.09E-03	3.47E-06	0.01350	3.47	0.00539	0.01889
Res_0394 (Res)	566003.83	4222903.33	1.21E-02	3.73E-03	3.45E-06	0.01583	3.45	0.00685	0.02268
Res_0120 (Res)	565917.53	4222901.31	1.21E-02	2.52E-03	3.42E-06	0.01464	3.42	0.00606	0.02070
Res_0490 (Res)	566213.83	4222923.33	1.19E-02	3.90E-03	3.40E-06	0.01582	3.40	0.00683	0.02265
Res_0201 (Res)	566401.04	4222497.07	1.21E-02	1.05E-03	3.38E-06	0.01316	3.38	0.00525	0.01841
Res_0201 (Res)	566401.18	4222496.77	1.21E-02	1.05E-03	3.37E-06	0.01311	3.37	0.00523	0.01834
Res_0480 (Res)	566183.83	4222913.33	1.18E-02	3.41E-03	3.36E-06	0.01523	3.36	0.00644	0.02167
Res_0402 (Res)	566013.83	4222903.33	1.17E-02	3.72E-03	3.32E-06	0.01537	3.32	0.00658	0.02195
Res_0211 (Res)	566411.04	4222497.07	1.18E-02	1.01E-03	3.29E-06	0.01279	3.29	0.00510	0.01789
Res_0410 (Res)	566023.83	4222903.33	1.15E-02	3.73E-03	3.28E-06	0.01522	3.28	0.00646	0.02168
Res_0139 (Res)	565947.53	4222911.31	1.15E-02	2.98E-03	3.27E-06	0.01450	3.27	0.00625	0.02075
Res_0374 (Res)	565973.83	4222913.33	1.15E-02	3.33E-03	3.27E-06	0.01481	3.27	0.00653	0.02134
Res_0381 (Res)	565983.83	4222913.33	1.15E-02	3.45E-03	3.26E-06	0.01490	3.26	0.00661	0.02151
Res_0133 (Res)	565937.53	4222911.31	1.14E-02	2.86E-03	3.24E-06	0.01430	3.24	0.00614	0.02044
Res_0388 (Res)	565993.83	4222913.33	1.14E-02	3.38E-03	3.23E-06	0.01473	3.23	0.00643	0.02116
Res_0477 (Res)	566173.83	4222913.33	1.13E-02	3.23E-03	3.22E-06	0.01457	3.22	0.00615	0.02072
Res_0487 (Res)	566203.83	4222923.33	1.13E-02	3.38E-03	3.22E-06	0.01468	3.22	0.00627	0.02095
Res_0127 (Res)	565927.53	4222911.31	1.13E-02	2.65E-03	3.20E-06	0.01397	3.20	0.00592	0.01989
Res_0220 (Res)	566421.04	4222497.07	1.14E-02	9.80E-04	3.20E-06	0.01242	3.20	0.00495	0.01737
Res_0220 (Res)	566421.18	4222496.77	1.14E-02	9.70E-04	3.18E-06	0.01237	3.18	0.00493	0.01730
Res_0183 (Res)	566381.04	4222487.07	1.14E-02	1.08E-03	3.18E-06	0.01246	3.18	0.00498	0.01744
Res_0121 (Res)	565917.53	4222911.31	1.12E-02	2.47E-03	3.16E-06	0.01366	3.16	0.00573	0.01939
Res_0115 (Res)	565907.53	4222911.31	1.11E-02	2.32E-03	3.13E-06	0.01339	3.13	0.00556	0.01895
Res_0395 (Res)	566003.83	4222913.33	1.10E-02	3.35E-03	3.12E-06	0.01432	3.12	0.00618	0.02050
Res_0191 (Res)	566391.04	4222487.07	1.12E-02	1.04E-03	3.12E-06	0.01220	3.12	0.00487	0.01707
Res_0494 (Res)	566223.83	4222933.33	1.08E-02	3.52E-03	3.08E-06	0.01433	3.08	0.00622	0.02055
Res_0200 (Res)	566401.04	4222487.07	1.09E-02	1.00E-03	3.05E-06	0.01191	3.05	0.00476	0.01667
Res_0484 (Res)	566193.83	4222923.33	1.07E-02	3.02E-03	3.04E-06	0.01373	3.04	0.00583	0.01956
Res_0375 (Res)	565973.83	4222923.33	1.05E-02	3.17E-03	2.99E-06	0.01368	2.99	0.00613	0.01981
Res_0403 (Res)	566013.83	4222913.33	1.05E-02	3.33E-03	2.99E-06	0.01382	2.99	0.00591	0.01973
Res_0134 (Res)	565937.53	4222921.31	1.05E-02	2.91E-03	2.99E-06	0.01342	2.99	0.00593	0.01935
Res_0210 (Res)	566411.04	4222487.07	1.07E-02	9.60E-04	2.98E-06	0.01162	2.98	0.00464	0.01626
Res_0368 (Res)	565963.83	4222923.33	1.05E-02	3.05E-03	2.98E-06	0.01352	2.98	0.00602	0.01954
Res_0382 (Res)	565983.83	4222923.33	1.04E-02	3.09E-03	2.96E-06	0.01350	2.96	0.00595	0.01945
Res_0128 (Res)	565927.53	4222921.31	1.04E-02	2.64E-03	2.95E-06	0.01306	2.95	0.00565	0.01871
Res_0389 (Res)	565993.83	4222923.33	1.03E-02	3.04E-03	2.93E-06	0.01335	2.93	0.00581	0.01916
Res_0122 (Res)	565917.53	4222921.31	1.03E-02	2.45E-03	2.92E-06	0.01278	2.92	0.00544	0.01822
Res_0491 (Res)	566213.83	4222933.33	1.02E-02	3.02E-03	2.90E-06	0.01321	2.90	0.00567	0.01888
Res_0116 (Res)	565907.53	4222921.31	1.02E-02	2.28E-03	2.90E-06	0.01252	2.90	0.00527	0.01779
Res_0481 (Res)	566183.83	4222923.33	1.02E-02	2.79E-03	2.89E-06	0.01296	2.89	0.00548	0.01844
Res_0110 (Res)	565897.53	4222921.31	1.02E-02	2.15E-03	2.87E-06	0.01230	2.87	0.00512	0.01742
Res_0396 (Res)	566003.83	4222923.33	9.98E-03	3.01E-03	2.84E-06	0.01299	2.84	0.00560	0.01859
Res_0498 (Res)	566233.83	4222943.33	9.89E-03	3.24E-03	2.82E-06	0.01313	2.82	0.00575	0.01888
Res_0190 (Res)	566391.04	4222477.07	1.01E-02	9.80E-04	2.82E-06	0.01107	2.82	0.00443	0.01550
Res_0199 (Res)	566401.04	4222477.07	9.90E-03	9.50E-04	2.77E-06	0.01085	2.77	0.00434	0.01519
Res_0199 (Res)	566401.18	4222476.77	9.87E-03	9.50E-04	2.76E-06	0.01082	2.76	0.00433	0.01515
Res_0488 (Res)	566203.83	4222933.33	9.70E-03	2.69E-03	2.76E-06	0.01239	2.76	0.00528	0.01767
Res_0369 (Res)	565963.83	4222933.33	9.62E-03	2.93E-03	2.74E-06	0.01255	2.74	0.00569	0.01824
Res_0129 (Res)	565927.53	4222931.31	9.61E-03	2.70E-03	2.73E-06	0.01231	2.73	0.00549	0.01780
Res_0376 (Res)	565973.83	4222933.33	9.59E-03	2.84E-03	2.73E-06	0.01243	2.73	0.00553	0.01796
Res_0363 (Res)	565953.83	4222933.33	9.56E-03	2.81E-03	2.72E-06	0.01237	2.72	0.00556	0.01793
Res_0209 (Res)	566411.04	4222477.07	9.70E-03	9.20E-04	2.71E-06	0.01062	2.71	0.00425	0.01487
Res_0123 (Res)	565917.53	4222931.31	9.55E-03	2.45E-03	2.71E-06	0.01200	2.71	0.00522	0.01722
Res_0404 (Res)	566013.83	4222923.33	9.48E-03	2.97E-03	2.70E-06	0.01245	2.70	0.00533	0.01778
Res_0383 (Res)	565983.83	4222933.33	9.49E-03	2.78E-03	2.70E-06	0.01227	2.70	0.00539	0.01766
Res_0117 (Res)	565907.53	4222931.31	9.48E-03	2.26E-03	2.68E-06	0.01174	2.68	0.00503	0.01677
Res_0390 (Res)	565993.83	4222933.33	9.39E-03	2.74E-03	2.67E-06	0.01213	2.67	0.00526	0.01739
Res_0111 (Res)	565897.53	4222931.31	9.42E-03	2.11E-03	2.66E-06	0.01153	2.66	0.00487	0.01640
Res_0495 (Res)	566223.83	4222943.33	9.35E-03	2.77E-03	2.66E-06	0.01212	2.66	0.00522	0.01734
Res_0485 (Res)	566193.83	4222933.33	9.25E-03	2.47E-03	2.63E-06	0.01172	2.63	0.00497	0.01669
Res_0502 (Res)	566243.83	4222953.33	9.10E-03	3.01E-03	2.60E-06	0.01211	2.60	0.00535	0.01746
Res_0397 (Res)	566003.83	4222933.33	9.10E-03	2.70E-03	2.59E-06	0.01180	2.59	0.00508	0.01688
Res_0124 (Res)	565917.53	4222941.31	8.84E-03	2.50E-03	2.51E-06	0.01134	2.51	0.00509	0.01643
Res_0364 (Res)	565953.83	4222943.33	8.80E-03	2.70E-03	2.51E-06	0.01150	2.51	0.00527	0.01677
Res_0492 (Res)	566213.83	4222943.33	8.82E-03	2.42E-03	2.51E-06	0.01124	2.51	0.00480	0.01604
Res_0370 (Res)	565963.83	4222943.33	8.76E-03	2.61E-03	2.49E-06	0.01137	2.49	0.00511	0.01648
Res_0118 (Res)	565907.53	4222941.31	8.79E-03	2.27E-03	2.49E-06	0.01106	2.49	0.00484	0.01590
Res_0377 (Res)	565973.83	4222943.33	8.72E-03	2.55E-03	2.48E-06	0.01127	2.48	0.00499	0.01626
Res_0112 (Res)	565897.53	4222941.31	8.74E-03	2.10E-03	2.47E-06	0.01084	2.47	0.00466	0.01550
Res_0358 (Res)	565943.83	4222943.33	8.69E-03	2.40E-03	2.47E-06	0.01109	2.47	0.00488	0.01597
Res_0106 (Res)	565887.53	4222941.31	8.68E-03	1.96E-03	2.45E-06	0.01064	2.45	0.00451	0.01515
Res_0499 (Res)	566233.83	4222953.33	8.62E-03	2.58E-03	2.45E-06	0.01120	2.45	0.00486	0.01606
Res_0384 (Res)	565983.83	4222943.33	8.62E-03	2.49E-03	2.45E-06	0.01111	2.45	0.00486	0.01597
Res_0506 (Res)	566253.83	4222963.33	8.43E-03	2.83E-03	2.41E-06	0.01126	2.41	0.00502	0.01628
Res_0489 (Res)	566203.83	4222943.33	8.42E-03	2.21E-03	2.39E-06	0.01063	2.39	0.00453	0.01516
Res_0391 (Res)	565993.83	4222943.33</							

Res_0113 (Res)	565897.53	4222951.31	8.12E-03	2.11E-03	2.30E-06	0.01023	2.30
Res_0353 (Res)	565933.83	4222953.33	8.08E-03	2.40E-03	2.30E-06	0.01048	2.30
Res_0365 (Res)	565953.83	4222953.33	8.04E-03	2.39E-03	2.29E-06	0.01043	2.29
Res_0107 (Res)	565887.53	4222951.31	8.08E-03	1.94E-03	2.29E-06	0.01002	2.29
Res_0102 (Res)	565877.53	4222951.31	8.04E-03	1.81E-03	2.27E-06	0.00985	2.27
Res_0371 (Res)	565963.83	4222953.33	7.99E-03	2.32E-03	2.27E-06	0.01031	2.27
Res_0503 (Res)	566243.83	4222963.33	7.97E-03	2.41E-03	2.27E-06	0.01038	2.27
Res_0378 (Res)	565973.83	4222953.33	7.94E-03	2.27E-03	2.26E-06	0.01021	2.26
Res_0509 (Res)	566263.83	4222973.33	7.88E-03	2.71E-03	2.25E-06	0.01059	2.25
Res_0493 (Res)	566213.83	4222953.33	7.71E-03	2.00E-03	2.19E-06	0.00971	2.19
Res_0385 (Res)	565983.83	4222953.33	7.66E-03	2.22E-03	2.18E-06	0.00988	2.18
Res_0114 (Res)	565897.53	4222961.31	7.56E-03	2.17E-03	2.15E-06	0.00973	2.15
Res_0500 (Res)	566233.83	4222963.33	7.56E-03	2.10E-03	2.15E-06	0.00966	2.15
Res_0108 (Res)	565887.53	4222961.31	7.53E-03	1.95E-03	2.14E-06	0.00948	2.14
Res_0103 (Res)	565877.53	4222961.31	7.50E-03	1.79E-03	2.12E-06	0.00929	2.12
Res_0512 (Res)	566273.83	4222983.33	7.42E-03	2.61E-03	2.12E-06	0.01003	2.12
Res_0507 (Res)	566253.83	4222973.33	7.44E-03	2.30E-03	2.12E-06	0.00974	2.12
Res_0098 (Res)	565867.53	4222961.31	7.46E-03	1.67E-03	2.11E-06	0.00913	2.11
Res_0348 (Res)	565923.83	4222963.33	7.40E-03	2.04E-03	2.10E-06	0.00944	2.10
Res_0354 (Res)	565933.83	4222963.33	7.30E-03	2.33E-03	2.08E-06	0.00963	2.08
Res_0360 (Res)	565943.83	4222963.33	7.25E-03	2.22E-03	2.07E-06	0.00947	2.07
Res_0366 (Res)	565953.83	4222963.33	7.19E-03	2.14E-03	2.05E-06	0.00933	2.05
Res_0497 (Res)	566223.83	4222963.33	7.17E-03	1.86E-03	2.03E-06	0.00903	2.03
Res_0372 (Res)	565963.83	4222963.33	7.13E-03	2.07E-03	2.03E-06	0.00920	2.03
Res_0515 (Res)	566283.83	4222993.33	7.05E-03	2.53E-03	2.02E-06	0.00958	2.02
Res_0109 (Res)	565887.53	4222971.31	7.04E-03	2.02E-03	2.00E-06	0.00906	2.00
Res_0510 (Res)	566263.83	4222983.33	7.00E-03	2.22E-03	2.00E-06	0.00922	2.00
Res_0504 (Res)	566243.83	4222973.33	7.02E-03	1.97E-03	2.00E-06	0.00899	2.00
Res_0104 (Res)	565877.53	4222971.31	7.01E-03	1.81E-03	1.99E-06	0.00882	1.99
Res_0099 (Res)	565867.53	4222971.31	6.98E-03	1.65E-03	1.98E-06	0.00863	1.98
Res_0094 (Res)	565857.53	4222971.31	6.95E-03	1.52E-03	1.96E-06	0.00847	1.96
Res_0518 (Res)	566293.83	4223003.33	6.77E-03	2.50E-03	1.94E-06	0.00927	1.94
Res_0379 (Res)	565973.83	4222963.33	6.81E-03	2.03E-03	1.94E-06	0.00884	1.94
Res_0349 (Res)	565923.83	4222973.33	6.77E-03	2.17E-03	1.93E-06	0.00894	1.93
Res_0343 (Res)	565913.83	4222973.33	6.76E-03	2.09E-03	1.93E-06	0.00885	1.93
Res_0355 (Res)	565933.83	4222973.33	6.71E-03	2.05E-03	1.91E-06	0.00876	1.91
Res_0513 (Res)	566273.83	4222993.33	6.64E-03	2.16E-03	1.89E-06	0.00880	1.89
Res_0361 (Res)	565943.83	4222973.33	6.65E-03	1.97E-03	1.89E-06	0.00862	1.89
Res_0501 (Res)	566233.83	4222973.33	6.66E-03	1.75E-03	1.89E-06	0.00841	1.89
Res_0508 (Res)	566253.83	4222983.33	6.60E-03	1.90E-03	1.88E-06	0.00850	1.88
Res_0105 (Res)	565877.53	4222981.31	6.58E-03	1.87E-03	1.87E-06	0.00845	1.87
Res_0521 (Res)	566303.83	4223013.33	6.52E-03	2.45E-03	1.87E-06	0.00897	1.87
Res_0100 (Res)	565867.53	4222981.31	6.55E-03	1.65E-03	1.86E-06	0.00820	1.86
Res_0338 (Res)	565903.83	4222983.33	6.50E-03	1.97E-03	1.85E-06	0.00847	1.85
Res_0095 (Res)	565857.53	4222981.31	6.52E-03	1.49E-03	1.84E-06	0.00801	1.84
Res_0090 (Res)	565847.53	4222981.31	6.49E-03	1.38E-03	1.83E-06	0.00787	1.83
Res_0516 (Res)	566283.83	4223003.33	6.37E-03	2.14E-03	1.82E-06	0.00851	1.82
Res_0367 (Res)	565953.83	4222973.33	6.35E-03	1.91E-03	1.81E-06	0.00826	1.81
Res_0344 (Res)	565913.83	4222983.33	6.33E-03	2.04E-03	1.81E-06	0.00837	1.81
Res_0373 (Res)	565963.83	4222973.33	6.27E-03	1.86E-03	1.78E-06	0.00813	1.78
Res_0524 (Res)	566313.83	4223023.33	6.22E-03	2.37E-03	1.78E-06	0.00859	1.78
Res_0350 (Res)	565923.83	4222983.33	6.25E-03	1.91E-03	1.78E-06	0.00816	1.78
Res_0511 (Res)	566263.83	4222993.33	6.25E-03	1.85E-03	1.78E-06	0.00810	1.78
Res_0505 (Res)	566243.83	4222983.33	6.22E-03	1.65E-03	1.77E-06	0.00787	1.77
Res_0519 (Res)	566293.83	4223013.33	6.14E-03	2.12E-03	1.75E-06	0.00826	1.75
Res_0101 (Res)	565867.53	4222991.31	6.15E-03	1.68E-03	1.75E-06	0.00783	1.75
Res_0339 (Res)	565903.83	4222993.33	6.09E-03	1.92E-03	1.74E-06	0.00801	1.74
Res_0096 (Res)	565857.53	4222991.31	6.12E-03	1.47E-03	1.73E-06	0.00759	1.73
Res_0091 (Res)	565847.53	4222991.31	6.10E-03	1.33E-03	1.72E-06	0.00743	1.72
Res_0087 (Res)	565837.53	4222991.31	6.08E-03	1.25E-03	1.72E-06	0.00733	1.72
Res_0333 (Res)	565893.83	4222993.33	6.02E-03	1.63E-03	1.71E-06	0.00765	1.71
Res_0514 (Res)	566273.83	4223003.33	6.00E-03	1.85E-03	1.71E-06	0.00785	1.71
Res_0527 (Res)	566323.83	4223033.33	5.96E-03	2.29E-03	1.71E-06	0.00825	1.71
Res_0356 (Res)	565933.83	4222983.33	5.96E-03	1.83E-03	1.70E-06	0.00779	1.70
Res_0522 (Res)	566303.83	4223023.33	5.93E-03	2.09E-03	1.70E-06	0.00802	1.70
Res_0362 (Res)	565943.83	4222983.33	5.88E-03	1.76E-03	1.67E-06	0.00764	1.67
Res_0345 (Res)	565913.83	4222993.33	5.86E-03	1.79E-03	1.67E-06	0.00765	1.67
Res_0517 (Res)	566283.83	4223013.33	5.80E-03	1.85E-03	1.65E-06	0.00765	1.65
Res_0530 (Res)	566333.83	4223043.33	5.72E-03	2.22E-03	1.64E-06	0.00794	1.64
Res_0334 (Res)	565893.83	4223003.33	5.73E-03	1.78E-03	1.63E-06	0.00751	1.63
Res_0097 (Res)	565857.53	4223001.31	5.75E-03	1.42E-03	1.63E-06	0.00717	1.63
Res_0328 (Res)	565883.83	4223003.33	5.71E-03	1.63E-03	1.62E-06	0.00734	1.62
Res_0092 (Res)	565847.53	4223001.31	5.73E-03	1.28E-03	1.62E-06	0.00701	1.62
Res_0525 (Res)	566313.83	4223033.33	5.66E-03	2.02E-03	1.62E-06	0.00768	1.62
Res_0088 (Res)	565837.53	4223001.31	5.71E-03	1.19E-03	1.61E-06	0.00690	1.61
Res_0340 (Res)	565903.83	4223003.33	5.66E-03	1.67E-03	1.61E-06	0.00733	1.61
Res_0086 (Res)	565827.53	4223001.31	5.70E-03	1.13E-03	1.61E-06	0.00683	1.61
Res_0520 (Res)	566293.83	4223023.33	5.60E-03	1.84E-03	1.60E-06	0.00744	1.60
Res_0346 (Res)	565913.83	4223003.33	5.59E-03	1.59E-03	1.59E-06	0.00718	1.59
Res_0351 (Res)	565923.83	4222993.33	5.58E-03	1.70E-03	1.59E-06	0.00728	1.59
Res_0533 (Res)	566343.83	4223053.33	5.53E-03	2.16E-03	1.59E-06	0.00769	1.59
Res_0357 (Res)	565933.83	4222993.33	5.48E-03	1.63E-03	1.56E-06	0.00711	1.56
Res_0528 (Res)	566323.83	4223043.33	5.43E-03	1.96E-03	1.55E-06	0.00739	1.55
Res_0523 (Res)	566303.83	4223033.33	5.40E-03	1.81E-03	1.54E-06	0.00721	1.54
Res_0536 (Res)	566353.83	4223063.33	5.36E-03	2.09E-03	1.54E-06	0.00745	1.54
Res_0352 (Res)	565923.83	4223003.33	5.38E-03	1.53E-03	1.53E-06	0.00691	1.53
Res_0329 (Res)	565883.83	4223013.33	5.35E-03	1.55E-03	1.52E-06	0.00690	1.52
Res_0093 (Res)	565847.53	4223011.31	5.38E-03	1.20E-03	1.52E-06	0.00658	1.52
Res_0089 (Res)	565837.53	4223011.31	5.37E-03	1.13E-03	1.52E-06	0.00650	1.52
Res_0335 (Res)	565893.83	4223013.33	5.31E-03	1.51E-03	1.51E-06	0.00682	1.51
Res_0539 (Res)	566363.83	4223073.33	5.23E-03	2.03E-03	1.50E-06	0.00726	1.50
Res_0531 (Res)	566333.83	4223053.33	5.24E-03	1.91E-03	1.50E-06	0.00715	1.50
Res_0324 (Res)	565873.83	4223013.33	5.29E-03	1.30E-03	1.50E-06	0.00659	1.50
Res_0341 (Res)	565903.83	4223013.33	5.27E-03	1.47E-03	1.50E-06	0.00674	1.50
Res_0347 (Res)	565913.83	4223013.33	5.22E-03	1.43E-03	1.48E-06	0.00665	1.48
Res_0526 (Res)	566313.83	4223043.33	5.17E-03	1.75E-03	1.48E-06	0.00692	1.48
Res_0543 (Res)	566373.83	4223083.33	5.14E-03	1.94E-03	1.47E-06	0.00708	1.47
Res_0063 (Res)	566079.69	4222383.95	5.11E-03	1.75E-03	1.46E-06	0.00686	1.46

0.00450	0.01473
0.00479	0.01527
0.00473	0.01516
0.00432	0.01434
0.00418	0.01403
0.00460	0.01491
0.00454	0.01492
0.00450	0.01471
0.00476	0.01535
0.00414	0.01385
0.00431	0.01419
0.00442	0.01415
0.00417	0.01383
0.00419	0.01367
0.00401	0.01330
0.00456	0.01459
0.00429	0.01403
0.00388	0.01301
0.00420	0.01364
0.00451	0.01414
0.00433	0.01380
0.00419	0.01352
0.00387	0.01290
0.00408	0.01328
0.00439	0.01397
0.00413	0.01319
0.00409	0.01331
0.00390	0.01289
0.00390	0.01272
0.00372	0.01235
0.00359	0.01206
0.00429	0.01356
0.00389	0.01273
0.00422	0.01316
0.00412	0.01297
0.00404	0.01280
0.00394	0.01274
0.00391	0.01253
0.00362	0.01203
0.00372	0.01222
0.00385	0.01230
0.00419	0.01316
0.00361	0.01181
0.00396	0.01243
0.00344	0.01145
0.00332	0.01119
0.00386	0.01237
0.00370	0.01196
0.00398	0.01235
0.00360	0.01173
0.00405	0.01264
0.00379	0.01195
0.00357	0.01167
0.00340	0.01127
0.00378	0.01204
0.00354	0.01137
0.00382	0.01183
0.00330	0.01089
0.00315	0.01058
0.00306	0.01039
0.00344	0.01109
0.00350	0.01135
0.00391	0.01216
0.00356	0.01135
0.00370	0.01172
0.00344	0.01108
0.00357	0.01122
0.00344	0.01109
0.00379	0.01173
0.00358	0.01109
0.00315	0.01032
0.00339	0.01073
0.00299	0.01000
0.00356	0.01124
0.00290	0.00980
0.00342	0.01075
0.00283	0.00966
0.00338	0.01082
0.00329	0.01047
0.00334	0.01062
0.00368	0.01137
0.00322	0.01033
0.00345	0.01084
0.00329	0.01050
0.00359	0.01104
0.00312	0.01003
0.00322	0.01012
0.00281	0.00939
0.00273	0.00923
0.00315	0.00997
0.00350	0.01076
0.00334	0.01049
0.00288	0.00947
0.00307	0.00981
0.00300	0.00965
0.00318	0.01010
0.00338	0.01046
0.00359	0.01048

Res_0546 (Res)	566383.83	4223093.33	5.09E-03	1.86E-03	1.46E-06	0.00695	1.46	0.00330	0.01025
Res_0534 (Res)	566343.83	4223063.33	5.06E-03	1.85E-03	1.45E-06	0.00691	1.45	0.00325	0.01016
Res_0072 (Res)	566089.69	4222383.95	5.08E-03	1.49E-03	1.45E-06	0.00657	1.45	0.00326	0.00983
Res_0079 (Res)	566099.69	4222383.95	5.05E-03	1.32E-03	1.43E-06	0.00637	1.43	0.00305	0.00942
Res_0084 (Res)	566109.69	4222383.95	5.04E-03	1.20E-03	1.43E-06	0.00624	1.43	0.00290	0.00914
Res_0529 (Res)	566323.83	4223053.33	4.98E-03	1.71E-03	1.42E-06	0.00669	1.42	0.00308	0.00977
Res_0550 (Res)	566393.83	4223103.33	4.96E-03	1.74E-03	1.42E-06	0.00670	1.42	0.00314	0.00984
Res_0537 (Res)	566353.83	4223073.33	4.94E-03	1.81E-03	1.41E-06	0.00675	1.41	0.00318	0.00993
Res_0325 (Res)	565873.83	4223023.33	4.97E-03	1.24E-03	1.41E-06	0.00621	1.41	0.00274	0.00895
Res_0322 (Res)	565863.83	4223023.33	4.97E-03	1.18E-03	1.41E-06	0.00615	1.41	0.00267	0.00882
Res_0330 (Res)	565883.83	4223023.33	4.96E-03	1.29E-03	1.41E-06	0.00625	1.41	0.00279	0.00904
Res_0336 (Res)	565893.83	4223023.33	4.94E-03	1.30E-03	1.40E-06	0.00624	1.40	0.00280	0.00904
Res_0342 (Res)	565903.83	4223023.33	4.91E-03	1.30E-03	1.39E-06	0.00621	1.39	0.00278	0.00899
Res_0540 (Res)	566363.83	4223083.33	4.84E-03	1.74E-03	1.39E-06	0.00658	1.39	0.00309	0.00967
Res_0062 (Res)	566079.69	4222373.95	4.83E-03	1.60E-03	1.38E-06	0.00643	1.38	0.00332	0.00975
Res_0544 (Res)	566373.83	4223093.33	4.81E-03	1.67E-03	1.38E-06	0.00648	1.38	0.00302	0.00950
Res_0532 (Res)	566333.83	4223063.33	4.80E-03	1.66E-03	1.37E-06	0.00646	1.37	0.00298	0.00944
Res_0071 (Res)	566089.69	4222373.95	4.79E-03	1.37E-03	1.36E-06	0.00616	1.36	0.00304	0.00920
Res_0078 (Res)	566099.69	4222373.95	4.77E-03	1.23E-03	1.35E-06	0.00600	1.35	0.00285	0.00885
Res_0083 (Res)	566109.69	4222373.95	4.76E-03	1.12E-03	1.35E-06	0.00588	1.35	0.00272	0.00860
Res_0085 (Res)	566119.69	4222373.95	4.76E-03	1.04E-03	1.35E-06	0.00580	1.35	0.00263	0.00843
Res_0547 (Res)	566383.83	4223103.33	4.70E-03	1.59E-03	1.34E-06	0.00629	1.34	0.00290	0.00919
Res_0535 (Res)	566343.83	4223073.33	4.66E-03	1.61E-03	1.33E-06	0.00627	1.33	0.00291	0.00918
Res_0052 (Res)	566069.69	4222363.95	4.61E-03	1.74E-03	1.32E-06	0.00635	1.32	0.00344	0.00979
Res_0323 (Res)	565863.83	4223033.33	4.65E-03	1.05E-03	1.32E-06	0.00570	1.32	0.00243	0.00813
Res_0326 (Res)	565873.83	4223033.33	4.63E-03	1.08E-03	1.31E-06	0.00571	1.31	0.00246	0.00817
Res_0551 (Res)	566393.83	4223113.33	4.59E-03	1.47E-03	1.31E-06	0.00606	1.31	0.00275	0.00881
Res_0331 (Res)	565883.83	4223033.33	4.61E-03	1.11E-03	1.31E-06	0.00572	1.31	0.00249	0.00821
Res_0337 (Res)	565893.83	4223033.33	4.60E-03	1.14E-03	1.30E-06	0.00574	1.30	0.00251	0.00825
Res_0538 (Res)	566353.83	4223083.33	4.56E-03	1.58E-03	1.30E-06	0.00614	1.30	0.00285	0.00899
Res_0061 (Res)	566079.69	4222363.95	4.55E-03	1.45E-03	1.30E-06	0.00600	1.30	0.00308	0.00908
Res_0070 (Res)	566089.69	4222363.95	4.52E-03	1.27E-03	1.28E-06	0.00579	1.28	0.00283	0.00862
Res_0541 (Res)	566363.83	4223093.33	4.49E-03	1.52E-03	1.28E-06	0.00601	1.28	0.00277	0.00878
Res_0077 (Res)	566099.69	4222363.95	4.50E-03	1.14E-03	1.28E-06	0.00564	1.28	0.00267	0.00831
Res_0082 (Res)	566109.69	4222363.95	4.50E-03	1.04E-03	1.27E-06	0.00554	1.27	0.00256	0.00810
Res_0545 (Res)	566373.83	4223103.33	4.46E-03	1.46E-03	1.27E-06	0.00592	1.27	0.00270	0.00862
Res_0051 (Res)	566069.69	4222353.95	4.34E-03	1.56E-03	1.24E-06	0.00590	1.24	0.00314	0.00904
Res_0548 (Res)	566383.83	4223113.33	4.35E-03	1.39E-03	1.24E-06	0.00574	1.24	0.00259	0.00833
Res_0327 (Res)	565873.83	4223043.33	4.34E-03	9.70E-04	1.23E-06	0.00531	1.23	0.00225	0.00756
Res_0060 (Res)	566079.69	4222353.95	4.30E-03	1.32E-03	1.22E-06	0.00562	1.22	0.00284	0.00846
Res_0332 (Res)	565883.83	4223043.33	4.31E-03	9.90E-04	1.22E-06	0.00530	1.22	0.00227	0.00757
Res_0069 (Res)	566089.69	4222353.95	4.27E-03	1.17E-03	1.21E-06	0.00544	1.21	0.00264	0.00808
Res_0552 (Res)	566393.83	4223123.33	4.26E-03	1.28E-03	1.21E-06	0.00554	1.21	0.00246	0.00800
Res_0076 (Res)	566099.69	4222353.95	4.26E-03	1.05E-03	1.21E-06	0.00531	1.21	0.00250	0.00781
Res_0081 (Res)	566109.69	4222353.95	4.25E-03	9.70E-04	1.20E-06	0.00522	1.20	0.00240	0.00762
Res_0542 (Res)	566363.83	4223103.33	4.18E-03	1.34E-03	1.19E-06	0.00552	1.19	0.00250	0.00802
Res_0050 (Res)	566069.69	4222343.95	4.10E-03	1.39E-03	1.17E-06	0.00549	1.17	0.00287	0.00836
Res_0059 (Res)	566079.69	4222343.95	4.06E-03	1.20E-03	1.16E-06	0.00526	1.16	0.00263	0.00789
Res_0549 (Res)	566383.83	4223123.33	4.05E-03	1.22E-03	1.15E-06	0.00527	1.15	0.00234	0.00761
Res_0068 (Res)	566089.69	4222343.95	4.04E-03	1.07E-03	1.15E-06	0.00511	1.15	0.00246	0.00757
Res_0075 (Res)	566099.69	4222343.95	4.03E-03	9.80E-04	1.14E-06	0.00501	1.14	0.00234	0.00735
Res_0080 (Res)	566109.69	4222343.95	4.03E-03	9.10E-04	1.14E-06	0.00494	1.14	0.00226	0.00720
Res_0042 (Res)	566059.69	4222333.95	3.92E-03	1.48E-03	1.12E-06	0.00540	1.12	0.00292	0.00832
Res_0049 (Res)	566069.69	4222333.95	3.87E-03	1.25E-03	1.10E-06	0.00512	1.10	0.00263	0.00775

Res_0058 (Res)	566079.69	4222333.95	3.84E-03	1.09E-03	1.09E-06	0.00493	1.09	0.00243	0.00736
Res_0067 (Res)	566089.69	4222333.95	3.83E-03	9.80E-04	1.09E-06	0.00481	1.09	0.00229	0.00710
Res_0074 (Res)	566099.69	4222333.95	3.82E-03	9.00E-04	1.08E-06	0.00472	1.08	0.00219	0.00691
Res_0041 (Res)	566059.69	4222323.95	3.70E-03	1.30E-03	1.06E-06	0.00500	1.06	0.00264	0.00764
Res_0048 (Res)	566069.69	4222323.95	3.67E-03	1.12E-03	1.05E-06	0.00479	1.05	0.00241	0.00720
Res_0057 (Res)	566079.69	4222323.95	3.65E-03	9.90E-04	1.04E-06	0.00464	1.04	0.00225	0.00689
Res_0066 (Res)	566089.69	4222323.95	3.63E-03	9.00E-04	1.03E-06	0.00453	1.03	0.00213	0.00666
Res_0073 (Res)	566099.69	4222323.95	3.63E-03	8.30E-04	1.03E-06	0.00446	1.03	0.00205	0.00651
Res_0033 (Res)	566049.69	4222313.95	3.56E-03	1.36E-03	1.02E-06	0.00492	1.02	0.00267	0.00759
Res_0040 (Res)	566059.69	4222313.95	3.50E-03	1.14E-03	9.99E-07	0.00464	1.00	0.00239	0.00703
Res_0047 (Res)	566069.69	4222313.95	3.48E-03	1.00E-03	9.90E-07	0.00448	0.99	0.00221	0.00669
Res_0056 (Res)	566079.69	4222313.95	3.46E-03	9.00E-04	9.82E-07	0.00436	0.98	0.00208	0.00644
Res_0065 (Res)	566089.69	4222313.95	3.46E-03	8.20E-04	9.80E-07	0.00428	0.98	0.00199	0.00627
Res_0025 (Res)	566039.69	4222303.95	3.36E-03	1.21E-03	9.62E-07	0.00457	0.96	0.00243	0.00700
Res_0032 (Res)	566049.69	4222303.95	3.36E-03	1.16E-03	9.60E-07	0.00452	0.96	0.00237	0.00689
Res_0039 (Res)	566059.69	4222303.95	3.32E-03	1.00E-03	9.45E-07	0.00432	0.95	0.00216	0.00648
Res_0046 (Res)	566069.69	4222303.95	3.30E-03	8.90E-04	9.37E-07	0.00419	0.94	0.00202	0.00621
Res_0055 (Res)	566079.69	4222303.95	3.29E-03	8.10E-04	9.32E-07	0.00410	0.93	0.00193	0.00603
Res_0064 (Res)	566089.69	4222303.95	3.29E-03	7.60E-04	9.31E-07	0.00405	0.93	0.00186	0.00591
Res_0024 (Res)	566039.69	4222293.95	3.21E-03	1.16E-03	9.19E-07	0.00437	0.92	0.00233	0.00670
Res_0031 (Res)	566049.69	4222293.95	3.17E-03	9.90E-04	9.03E-07	0.00416	0.90	0.00210	0.00626
Res_0038 (Res)	566059.69	4222293.95	3.15E-03	8.70E-04	8.95E-07	0.00402	0.89	0.00196	0.00598
Res_0045 (Res)	566069.69	4222293.95	3.14E-03	8.00E-04	8.90E-07	0.00394	0.89	0.00186	0.00580
Res_0054 (Res)	566079.69	4222293.95	3.14E-03	7.40E-04	8.89E-07	0.00388	0.89	0.00179	0.00567
Res_0016 (Res)	566029.69	4222283.95	3.05E-03	1.11E-03	8.73E-07	0.00416	0.87	0.00221	0.00637
Res_0023 (Res)	566039.69	4222283.95	3.02E-03	9.40E-04	8.61E-07	0.00396	0.86	0.00200	0.00596
Res_0030 (Res)	566049.69	4222283.95	3.01E-03	8.40E-04	8.55E-07	0.00385	0.86	0.00187	0.00572
Res_0037 (Res)	566059.69	4222283.95	3.00E-03	7.70E-04	8.51E-07	0.00377	0.85	0.00178	0.00555
Res_0044 (Res)	566069.69	4222283.95	3.00E-03	7.10E-04	8.49E-07	0.00371	0.85	0.00172	0.00543
Res_0053 (Res)	566079.69	4222283.95	3.00E-03	6.70E-04	8.48E-07	0.00367	0.85	0.00167	0.00534
Res_0015 (Res)	566029.69	4222273.95	2.86E-03	8.40E-04	8.14E-07	0.00370	0.81	0.00181	0.00551
Res_0022 (Res)	566039.69	4222273.95	2.86E-03	7.70E-04	8.12E-07	0.00363	0.81	0.00174	0.00537
Res_0029 (Res)	566049.69	4222273.95	2.86E-03	7.20E-04	8.11E-07	0.00358	0.81	0.00168	0.00526
Res_0036 (Res)	566059.69	4222273.95	2.86E-03	6.80E-04	8.10E-07	0.00354	0.81	0.00163	0.00517
Res_0043 (Res)	566069.69	4222273.95	2.86E-03	6.40E-04	8.09E-07	0.00350	0.81	0.00159	0.00509
Res_0035 (Res)	566059.69	4222263.95	2.74E-03	6.10E-04	7.75E-07	0.00335	0.77	0.00152	0.00487
Res_0021 (Res)	566039.69	4222263.95	2.73E-03	6.60E-04	7.73E-07	0.00339	0.77	0.00157	0.00496
Res_0028 (Res)	566049.69	4222263.95	2.73E-03	6.30E-04	7.72E-07	0.00336	0.77	0.00154	0.00490
Res_0014 (Res)	566029.69	4222263.95	2.72E-03	6.80E-04	7.71E-07	0.00340	0.77	0.00159	0.00499
Res_0008 (Res)	566019.69	4222263.95	2.71E-03	6.90E-04	7.68E-07	0.00340	0.77	0.00159	0.00499
Res_0027 (Res)	566049.69	4222253.95	2.62E-03	5.70E-04	7.40E-07	0.00319	0.74	0.00143	0.00462
Res_0034 (Res)	566059.69	4222253.95	2.62E-03	5.50E-04	7.40E-07	0.00317	0.74	0.00142	0.00459
Res_0013 (Res)	566029.69	4222253.95	2.61E-03	5.90E-04	7.38E-07	0.00320	0.74	0.00146	0.00466
Res_0020 (Res)	566039.69	4222253.95	2.61E-03	5.80E-04	7.38E-07	0.00319	0.74	0.00145	0.00464
Res_0007 (Res)	566019.69	4222253.95	2.60E-03	5.90E-04	7.35E-07	0.00319	0.74	0.00145	0.00464
Res_0003 (Res)	566009.69	4222253.95	2.59E-03	5.80E-04	7.32E-07	0.00317	0.73	0.00144	0.00461
Res_0019 (Res)	566039.69	4222243.95	2.51E-03	5.30E-04	7.09E-07	0.00304	0.71	0.00135	0.00439
Res_0026 (Res)	566049.69	4222243.95	2.51E-03	5.20E-04	7.09E-07	0.00303	0.71	0.00135	0.00438
Res_0006 (Res)	566019.69	4222243.95	2.50E-03	5.30E-04	7.06E-07	0.00303	0.71	0.00135	0.00438
Res_0012 (Res)	566029.69	4222243.95	2.50E-03	5.30E-04	7.06E-07	0.00303	0.71	0.00136	0.00439
Res_0002 (Res)	566009.69	4222243.95	2.49E-03	5.20E-04	7.03E-07	0.00301	0.70	0.00134	0.00435
Res_0011 (Res)	566029.69	4222233.95	2.41E-03	4.90E-04	6.80E-07	0.00290	0.68	0.00128	0.00418
Res_0018 (Res)	566039.69	4222233.95	2.41E-03	4.80E-04	6.80E-07	0.00289	0.68	0.00128	0.00417
Res_0005 (Res)	566019.69	4222233.95	2.40E-03	4.90E-04	6.77E-07	0.00289	0.68	0.00127	0.00416
Res_0001 (Res)	566009.69	4222233.95	2.40E-03	4.80E-04	6.77E-07	0.00288	0.68	0.00126	0.00414
Res_0010 (Res)	566029.69	4222223.95	2.32E-03	4.50E-04	6.54E-07	0.00277	0.65	0.00121	0.00398
Res_0017 (Res)	566039.69	4222223.95	2.32E-03	4.50E-04	6.54E-07	0.00277	0.65	0.00121	0.00398
Res_0004 (Res)	566019.69	4222223.95	2.31E-03	4.50E-04	6.52E-07	0.00276	0.65	0.00121	0.00397
Res_0009 (Res)	566029.69	4222213.95	2.23E-03	4.20E-04	6.29E-07	0.00265	0.63	0.00115	0.00380

MEIR Identification and Risk Results - Mitigated Construction

Receptor ID	Description
CG1_	Loma Vista Farms
DC1_	Setterquist Early Head Start & Park
DC2_	Chalvary Church
DC3_	The Little Playhouse Childcare
DC4_	Tiny Tots
ES1_	Loma Vista Elementary School
MS1_	Griffin Academy Charter School
MS2_	On-site MITA students irrespective of phasing
HS1_	Elite Public Schools
Res_	Residence
P1_OS_	On-site MITA students during Phase 1
P2_OS_	On-site MITA students during Phase 2

Group Name	Description
Res	Residence (Start Age: 3rd Trimester)
DC	Daycare (Start Age: 3rd Trimester)
CG	Community Garden/Outdoor Classroom (Start Age: 3rd Trimester)
ES	Elementary School (Start Age: 5 Years)
MS	Middle School (Start Age: 11 Years)
HS	High School (Start Age: 14 Years)
OS	On-site MITA Students (Start Age: 11 Years)

Cancer Risk Calculation Equations (OEHA 2015):

A. Equation 8.2.4 A: $RISK_{inh-res} = DOSE_{air} \times CPF \times ASF \times ED/AT \times FAH$

7. $RISK_{inh-res}$ = Residential inhalation cancer risk
8. $DOSE_{air}$ = Daily inhalation dose (mg/kg-day)
9. CPF = Inhalation cancer potency factor (mg/kg-day⁻¹)
10. ASF = Age sensitivity factor for a specified age group (unitless)
11. ED = Exposure duration (in years) for a specified age group
12. AT = Averaging time for lifetime cancer risk (years)
13. FAH = Fraction of time spent at home (unitless)

Factors	Description/Source			
	Age: 3rd Trimester	Age: 0<2	Age: 2<9	Age: 2<16
Dose-air =	Results of Equation 5.4.1.1			
CPF =	1.1	1.1	1.1	1.1
ASF =	10	10	3	3
ED (total) =	0.25	1.9	2.15	2.15
AT =	70	70	70	70
FAH (res only) =	0.85	0.85	0.72	0.72

Year	Annual Exposure Duration (ED)*			
	Age: 3rd Trimester	Age: 0<2	Age: 2<9	Age: 2<16
Phase 1	0.25	1.9	2.15	2.15
Phase 2	-	0.18	0.18	0.18

*Note: Daycares, Residences, and Outdoor Classes (Community Gardens) are assigned a starting age of 3rd Trimester. Elementary schools are assigned a starting age of 5 years. Middle schools are assigned a starting age of 11 years. High schools are assigned a starting age of 14 years.

A. Equation 5.4.1.1: $Dose_{air} = C_{air} \times \{BR/BW\} \times A \times EF \times 10^{-6}$

1. $Dose_{air}$ = Dose through inhalation (mg/kg/d)
2. C_{air} = Concentration in air (µg/m³)
3. $\{BR/BW\}$ = Daily Breathing rate normalized to body weight (L/kg body weight - day)
4. A = Inhalation absorption factor (unitless)
5. EF = Exposure frequency (unitless), days/365 days
6. 10^{-6} = Micrograms to milligrams conversion, liters to cubic meters conversion

Factors	Description/Source			
	Age: 3rd Trimester	Age: 0<2	Age: 2<9	Age: 2<16
C-air =	Results of AERMOD modeling			
DBR =	361	1090	861	745
A =	1	1	1	1
EF (res, DC) =	0.96	0.96	0.96	0.96
EF (CG, schools) =	0.68	0.68	0.68	0.68
10^{-6} =	0.000001	0.000001	0.000001	0.000001

PM_{2.5} Concentrations and Estimated Cancer Risk - Sorted by Highest Cumulative Cancer Risk

*Note: Maximum annual PM2.5 concentrations shown below include PM10 exhaust emissions for a conservative assessment.

			Mitigated Construction Results						
Receptor IDs & UTM Coordinates			Annual DPM Concentration (µg/m³)		Cumulative Cancer Risk	Maximum Annual PM2.5 Concentration (µg/m³)*	Cancer Risk per One Million People	PM2.5 Fugitive Dust Annual Concentration (µg/m³)*	Cumulative PM2.5 Concentration (µg/m³)*
ID (Group Name)	X	Y	Phase 1	Phase 2		Exhaust			
Off-site Daycare Receptors									
CG1_0001 (CG)	566362.17	4222702.33	4.27E-02	1.66E-03	9.88E-06	0.04431	9.88	0.12075	0.16506
CG1_0002 (CG)	566362.17	4222712.33	3.73E-02	2.08E-03	8.65E-06	0.03935	8.65	0.10596	0.14531
CG1_0003 (CG)	566372.17	4222692.33	3.66E-02	1.57E-03	8.49E-06	0.03819	8.49	0.10377	0.14196
CG1_0004 (CG)	566372.17	4222702.33	3.51E-02	1.73E-03	8.15E-06	0.03686	8.15	0.09971	0.13657
CG1_0005 (CG)	566372.17	4222712.33	3.18E-02	1.78E-03	7.39E-06	0.03362	7.39	0.09059	0.12421
CG1_0007 (CG)	566382.17	4222692.33	2.85E-02	1.38E-03	6.62E-06	0.02992	6.62	0.08107	0.11099
CG1_0008 (CG)	566382.17	4222702.33	2.85E-02	1.48E-03	6.61E-06	0.02997	6.61	0.08101	0.11098
CG1_0006 (CG)	566372.17	4222722.33	2.82E-02	1.79E-03	6.56E-06	0.03003	6.56	0.08061	0.11064
CG1_0009 (CG)	566382.17	4222712.33	2.69E-02	1.55E-03	6.25E-06	0.02847	6.25	0.07669	0.10516
CG1_0010 (CG)	566382.17	4222722.33	2.46E-02	1.59E-03	5.71E-06	0.02619	5.71	0.07028	0.09647
CG1_0014 (CG)	566392.17	4222702.33	2.33E-02	1.31E-03	5.40E-06	0.02458	5.40	0.06629	0.09087
CG1_0013 (CG)	566392.17	4222692.33	2.30E-02	1.23E-03	5.34E-06	0.02422	5.34	0.06545	0.08967
CG1_0015 (CG)	566392.17	4222712.33	2.26E-02	1.37E-03	5.26E-06	0.02400	5.26	0.06458	0.08858
CG1_0011 (CG)	566382.17	4222732.33	2.22E-02	1.61E-03	5.15E-06	0.02378	5.15	0.06355	0.08733
CG1_0012 (CG)	566392.17	4222682.33	2.20E-02	1.16E-03	5.11E-06	0.02317	5.11	0.06265	0.08582
CG1_0016 (CG)	566392.17	4222722.33	2.13E-02	1.42E-03	4.96E-06	0.02276	4.96	0.06102	0.08378
CG1_0017 (CG)	566392.17	4222732.33	1.97E-02	1.45E-03	4.59E-06	0.02118	4.59	0.05660	0.07778
CG1_0022 (CG)	566402.17	4222702.33	1.92E-02	1.18E-03	4.46E-06	0.02040	4.46	0.05488	0.07528
CG1_0023 (CG)	566402.17	4222712.33	1.91E-02	1.23E-03	4.43E-06	0.02029	4.43	0.05449	0.07478
CG1_0021 (CG)	566402.17	4222692.33	1.89E-02	1.12E-03	4.38E-06	0.01997	4.38	0.05379	0.07376
CG1_0024 (CG)	566402.17	4222722.33	1.84E-02	1.28E-03	4.28E-06	0.01971	4.28	0.05277	0.07248
CG1_0018 (CG)	566392.17	4222742.33	1.81E-02	1.48E-03	4.22E-06	0.01962	4.22	0.05221	0.07183
CG1_0020 (CG)	566402.17	4222682.33	1.81E-02	1.06E-03	4.20E-06	0.01914	4.20	0.05157	0.07071
CG1_0025 (CG)	566402.17	4222732.33	1.74E-02	1.31E-03	4.06E-06	0.01875	4.06	0.05007	0.06882
CG1_0019 (CG)	566402.17	4222672.33	1.71E-02	1.01E-03	3.96E-06	0.01808	3.96	0.04871	0.06679
CG1_0026 (CG)	566402.17	4222742.33	1.63E-02	1.34E-03	3.80E-06	0.01766	3.80	0.04698	0.06464
CG1_0033 (CG)	566412.17	4222712.33	1.62E-02	1.12E-03	3.76E-06	0.01731	3.76	0.04636	0.06367
CG1_0032 (CG)	566412.17	4222702.33	1.61E-02	1.07E-03	3.74E-06	0.01717	3.74	0.04608	0.06325
CG1_0034 (CG)	566412.17	4222722.33	1.59E-02	1.16E-03	3.71E-06	0.01710	3.71	0.04572	0.06282
CG1_0031 (CG)	566412.17	4222692.33	1.57E-02	1.03E-03	3.65E-06	0.01673	3.65	0.04491	0.06164
CG1_0035 (CG)	566412.17	4222732.33	1.54E-02	1.20E-03	3.58E-06	0.01658	3.58	0.04420	0.06078
CG1_0027 (CG)	566402.17	4222752.33	1.52E-02	1.37E-03	3.54E-06	0.01657	3.54	0.04392	0.06049
CG1_0030 (CG)	566412.17	4222682.33	1.50E-02	9.80E-04	3.49E-06	0.01601	3.49	0.04298	0.05899
CG1_0036 (CG)	566412.17	4222742.33	1.46E-02	1.23E-03	3.39E-06	0.01580	3.39	0.04198	0.05778
CG1_0029 (CG)	566412.17	4222672.33	1.42E-02	9.30E-04	3.29E-06	0.01510	3.29	0.04053	0.05563
CG1_0045 (CG)	566422.17	4222712.33	1.38E-02	1.03E-03	3.21E-06	0.01484	3.21	0.03964	0.05448
CG1_0046 (CG)	566422.17	4222722.33	1.38E-02	1.06E-03	3.21E-06	0.01485	3.21	0.03961	0.05446
CG1_0037 (CG)	566412.17	4222752.33	1.38E-02	1.25E-03	3.20E-06	0.01500	3.20	0.03975	0.05475
CG1_0044 (CG)	566422.17	4222702.33	1.36E-02	9.90E-04	3.16E-06	0.01459	3.16	0.03900	0.05359
CG1_0047 (CG)	566422.17	4222732.33	1.35E-02	1.10E-03	3.14E-06	0.01461	3.14	0.03887	0.05348
CG1_0043 (CG)	566422.17	4222692.33	1.32E-02	9.50E-04	3.06E-06	0.01412	3.06	0.03777	0.05189
CG1_0028 (CG)	566412.17	4222662.33	1.32E-02	8.90E-04	3.06E-06	0.01404	3.06	0.03764	0.05168
CG1_0048 (CG)	566422.17	4222742.33	1.30E-02	1.12E-03	3.03E-06	0.01415	3.03	0.03759	0.05174
CG1_0038 (CG)	566412.17	4222762.33	1.29E-02	1.28E-03	3.02E-06	0.01422	3.02	0.03752	0.05174
CG1_0042 (CG)	566422.17	4222682.33	1.26E-02	9.10E-04	2.92E-06	0.01348	2.92	0.03605	0.04953
CG1_0049 (CG)	566422.17	4222752.33	1.25E-02	1.17E-03	2.90E-06	0.01363	2.90	0.03605	0.04968
CG1_0061 (CG)	566432.17	4222722.33	1.20E-02	9.90E-04	2.80E-06	0.01301	2.80	0.03460	0.04761
CG1_0062 (CG)	566432.17	4222732.33	1.19E-02	1.03E-03	2.78E-06	0.01296	2.78	0.03439	0.04735
CG1_0060 (CG)	566432.17	4222712.33	1.19E-02	9.60E-04	2.77E-06	0.01287	2.77	0.03428	0.04715
CG1_0050 (CG)	566422.17	4222762.33	1.19E-02	1.20E-03	2.76E-06	0.01306	2.76	0.03442	0.04748
CG1_0041 (CG)	566422.17	4222672.33	1.18E-02	8.70E-04	2.75E-06	0.01268	2.75	0.03389	0.04657
CG1_0063 (CG)	566432.17	4222742.33	1.17E-02	1.06E-03	2.72E-06	0.01273	2.72	0.03372	0.04645
CG1_0059 (CG)	566432.17	4222702.33	1.16E-02	9.20E-04	2.71E-06	0.01256	2.71	0.03346	0.04602
CG1_0064 (CG)	566432.17	4222752.33	1.13E-02	1.08E-03	2.63E-06	0.01238	2.63	0.03273	0.04511
CG1_0051 (CG)	566422.17	4222772.33	1.13E-02	1.22E-03	2.63E-06	0.01248	2.63	0.03278	0.04526
CG1_0058 (CG)	566432.17	4222692.33	1.12E-02	8.80E-04	2.61E-06	0.01208	2.61	0.03220	0.04428
CG1_0040 (CG)	566422.17	4222662.33	1.09E-02	8.30E-04	2.54E-06	0.01177	2.54	0.03140	0.04317
CG1_0065 (CG)	566432.17	4222762.33	1.09E-02	1.11E-03	2.53E-06	0.01198	2.53	0.03157	0.04355
CG1_0052 (CG)	566422.17	4222782.33	1.07E-02	1.25E-03	2.49E-06	0.01190	2.49	0.03113	0.04303
CG1_0057 (CG)	566432.17	4222682.33	1.06E-02	8.50E-04	2.47E-06	0.01147	2.47	0.03055	0.04202
CG1_0076 (CG)	566442.17	4222732.33	1.06E-02	9.50E-04	2.46E-06	0.01150	2.46	0.03049	0.04199
CG1_0075 (CG)	566442.17	4222722.33	1.05E-02	9.20E-04	2.45E-06	0.01144	2.45	0.03036	0.04180
CG1_0077 (CG)	566442.17	4222742.33	1.05E-02	9.80E-04	2.43E-06	0.01143	2.43	0.03024	0.04167
CG1_0066 (CG)	566432.17	4222772.33	1.04E-02	1.13E-03	2.43E-06	0.01154	2.43	0.03032	0.04186
CG1_0074 (CG)	566442.17	4222712.33	1.03E-02	8.90E-04	2.41E-06	0.01123	2.41	0.02983	0.04106
CG1_0078 (CG)	566442.17	4222752.33	1.02E-02	1.01E-03	2.39E-06	0.01125	2.39	0.02969	0.04094
CG1_0073 (CG)	566442.17	4222702.33	1.00E-02	8.60E-04	2.34E-06	0.01090	2.34	0.02893	0.03983
CG1_0079 (CG)	566442.17	4222762.33	9.95E-03	1.03E-03	2.32E-06	0.01098	2.32	0.02892	0.03990
CG1_0039 (CG)	566422.17	4222652.33	9.97E-03	7.90E-04	2.32E-06	0.01076	2.32	0.02866	0.03942
CG1_0056 (CG)	566432.17	4222672.33	9.94E-03	8.10E-04	2.31E-06	0.01075	2.31	0.02861	0.03936
CG1_0072 (CG)	566442.17	4222692.33	9.60E-03	8.30E-04	2.23E-06	0.01043	2.23	0.02769	0.03812
CG1_0089 (CG)	566452.17	4222742.33	9.37E-03	9.20E-04	2.18E-06	0.01029	2.18	0.02714	0.03743
CG1_0088 (CG)	566452.17	4222732.33	9.36E-03	8.90E-04	2.18E-06	0.01025	2.18	0.02710	0.03735
CG1_0090 (CG)	566452.17	4222752.33	9.28E-03	9.40E-04	2.16E-06	0.01022	2.16	0.02692	0.03714
CG1_0087 (CG)	566452.17	4222722.33	9.25E-03	8.60E-04	2.15E-06	0.01011	2.15	0.02675	0.03686
CG1_0055 (CG)	566432.17	4222662.33	9.18E-03	7.70E-04	2.14E-06	0.00995	2.14	0.02643	0.03638
CG1_0071 (CG)	566442.17	4222682.33	9.06E-03	7.90E-04	2.11E-06	0.00985	2.11	0.02613	0.03598
CG1_0086 (CG)	566452.17	4222712.33	9.03E-03	8.30E-04	2.10E-06	0.00986	2.10	0.02610	0.03596
CG1_0085 (CG)	566452.17	4222702.33	8.71E-03	8.00E-04	2.03E-06	0.00951	2.03	0.02518	0.03469
CG1_0070 (CG)	566442.17	4222672.33	8.44E-03	7.60E-04	1.97E-06	0.00920	1.97	0.02436	0.03356
CG1_0099 (CG)	566462.17	4222742.33	8.40E-03	8.60E-04	1.96E-06	0.00926	1.96	0.02437	0.03363
CG1_0054 (CG)	566432.17	4222652.33	8.37E-03	7.40E-04	1.95E-06	0.00911	1.95	0.02414	0.03325
CG1_0098 (CG)	566462.17	4222732.33	8.31E-03	8.30E-04	1.94E-06	0.00914	1.94	0.02410	0.03324
CG1_0084 (CG)	566452.17	4222692.33	8.30E-03	7.70E-04	1.93E-06	0.00907	1.93	0.02399	0.03306
CG1_0097 (CG)	566462.17	4222722.33	8.14E-03	8.10E-04	1.90E-06	0.00895	1.90	0.02360	0.03255
CG1_0096 (CG)	566462.17	4222712.33	7.90E-03	7.80E-04	1.84E-06	0.00868	1.84	0.02289	0.03157
CG1_0083 (CG)	566452.17	4222682.33	7.79E-03	7.40E-04	1.81E-06	0.00853	1.81	0.02254	0.03107
CG1_0069 (CG)	566442.17	4222662.33	7.78E-03	7.					

CG1_0053 (CG)	566432.17	4222642.33	7.54E-03	7.10E-04	1.76E-06	0.00825	1.76	0.02179	0.03004
CG1_0106 (CG)	566472.17	4222732.33	7.39E-03	7.80E-04	1.72E-06	0.00817	1.72	0.02148	0.02965
CG1_0082 (CG)	566452.17	4222672.33	7.23E-03	7.20E-04	1.68E-06	0.00795	1.68	0.02095	0.02890
CG1_0094 (CG)	566462.17	4222692.33	7.20E-03	7.30E-04	1.68E-06	0.00793	1.68	0.02087	0.02880
CG1_0105 (CG)	566472.17	4222722.33	7.19E-03	7.60E-04	1.68E-06	0.00795	1.68	0.02089	0.02884
CG1_0068 (CG)	566442.17	4222652.33	7.10E-03	7.00E-04	1.65E-06	0.00780	1.65	0.02056	0.02836
CG1_0104 (CG)	566472.17	4222712.33	6.94E-03	7.30E-04	1.62E-06	0.00767	1.62	0.02017	0.02784
CG1_0093 (CG)	566462.17	4222682.33	6.74E-03	7.00E-04	1.57E-06	0.00744	1.57	0.01957	0.02701
CG1_0081 (CG)	566452.17	4222662.33	6.66E-03	6.90E-04	1.55E-06	0.00735	1.55	0.01932	0.02667
CG1_0103 (CG)	566472.17	4222702.33	6.64E-03	7.10E-04	1.55E-06	0.00735	1.55	0.01930	0.02665
CG1_0067 (CG)	566442.17	4222642.33	6.43E-03	6.70E-04	1.50E-06	0.00710	1.50	0.01865	0.02575
CG1_0111 (CG)	566482.17	4222722.33	6.37E-03	7.10E-04	1.49E-06	0.00708	1.49	0.01856	0.02564
CG1_0102 (CG)	566472.17	4222692.33	6.28E-03	6.90E-04	1.46E-06	0.00697	1.46	0.01827	0.02524
CG1_0092 (CG)	566462.17	4222672.33	6.25E-03	6.70E-04	1.46E-06	0.00692	1.46	0.01817	0.02509
CG1_0110 (CG)	566482.17	4222712.33	6.13E-03	6.90E-04	1.43E-06	0.00682	1.43	0.01785	0.02467
CG1_0080 (CG)	566452.17	4222652.33	6.10E-03	6.60E-04	1.42E-06	0.00676	1.42	0.01772	0.02448
CG1_0101 (CG)	566472.17	4222682.33	5.88E-03	6.60E-04	1.37E-06	0.00654	1.37	0.01711	0.02365
CG1_0109 (CG)	566482.17	4222702.33	5.84E-03	6.70E-04	1.36E-06	0.00651	1.36	0.01703	0.02354
CG1_0091 (CG)	566462.17	4222662.33	5.77E-03	6.50E-04	1.35E-06	0.00642	1.35	0.01679	0.02321
CG1_0108 (CG)	566482.17	4222692.33	5.52E-03	6.50E-04	1.29E-06	0.00617	1.29	0.01609	0.02226
CG1_0100 (CG)	566472.17	4222672.33	5.45E-03	6.40E-04	1.27E-06	0.00609	1.27	0.01589	0.02198
CG1_0107 (CG)	566482.17	4222682.33	5.15E-03	6.20E-04	1.20E-06	0.00577	1.20	0.01505	0.02082
Off-site Daycare Receptors									
DC2_0047 (DC)	566072.14	4222658.07	1.07E-02	2.04E-03	3.54E-06	0.01272	3.54	0.03179	0.04451
DC2_0050 (DC)	566082.14	4222648.07	9.35E-03	2.30E-03	3.12E-06	0.01165	3.12	0.02829	0.03994
DC2_0043 (DC)	566062.14	4222658.07	9.08E-03	1.82E-03	3.01E-06	0.01090	3.01	0.02714	0.03804
DC2_0046 (DC)	566072.14	4222648.07	8.61E-03	2.13E-03	2.87E-06	0.01074	2.87	0.02610	0.03684
DC2_0039 (DC)	566052.14	4222658.07	7.96E-03	1.65E-03	2.64E-06	0.00961	2.64	0.02388	0.03349
DC2_0042 (DC)	566062.14	4222648.07	7.69E-03	1.89E-03	2.56E-06	0.00958	2.56	0.02331	0.03289
DC2_0049 (DC)	566082.14	4222638.07	7.45E-03	2.57E-03	2.51E-06	0.01002	2.51	0.02327	0.03329
DC2_0035 (DC)	566042.14	4222658.07	7.08E-03	1.52E-03	2.35E-06	0.00860	2.35	0.02132	0.02992
DC2_0045 (DC)	566072.14	4222638.07	6.95E-03	2.27E-03	2.33E-06	0.00922	2.33	0.02160	0.03082
DC2_0038 (DC)	566052.14	4222648.07	6.93E-03	1.71E-03	2.31E-06	0.00864	2.31	0.02104	0.02968
DC2_0041 (DC)	566062.14	4222638.07	6.42E-03	1.98E-03	2.15E-06	0.00840	2.15	0.01985	0.02825
DC2_0028 (DC)	566022.14	4222668.07	6.45E-03	1.33E-03	2.14E-06	0.00778	2.14	0.01940	0.02718
DC2_0024 (DC)	566012.14	4222678.07	6.41E-03	1.26E-03	2.13E-06	0.00767	2.13	0.01925	0.02692
DC2_0031 (DC)	566032.14	4222658.07	6.38E-03	1.42E-03	2.12E-06	0.00780	2.12	0.01927	0.02707
DC2_0048 (DC)	566082.14	4222628.07	6.18E-03	2.93E-03	2.10E-06	0.00911	2.10	0.02003	0.02914
DC2_0034 (DC)	566042.14	4222648.07	6.28E-03	1.56E-03	2.09E-06	0.00784	2.09	0.01911	0.02695
DC2_0019 (DC)	566002.14	4222688.07	6.25E-03	1.21E-03	2.07E-06	0.00746	2.07	0.01876	0.02622
DC2_0037 (DC)	566052.14	4222638.07	5.92E-03	1.77E-03	1.98E-06	0.00769	1.98	0.01827	0.02596
DC2_0044 (DC)	566072.14	4222628.07	5.81E-03	2.43E-03	1.97E-06	0.00824	1.97	0.01858	0.02682
DC2_0023 (DC)	566012.14	4222668.07	5.89E-03	1.25E-03	1.96E-06	0.00714	1.96	0.01777	0.02491
DC2_0027 (DC)	566022.14	4222658.07	5.86E-03	1.32E-03	1.95E-06	0.00718	1.95	0.01773	0.02491
DC2_0018 (DC)	566002.14	4222678.07	5.83E-03	1.19E-03	1.94E-06	0.00702	1.94	0.01756	0.02458
DC2_0030 (DC)	566032.14	4222648.07	5.74E-03	1.43E-03	1.91E-06	0.00717	1.91	0.01749	0.02466
DC2_0014 (DC)	565992.14	4222688.07	5.69E-03	1.14E-03	1.89E-06	0.00683	1.89	0.01712	0.02395
DC2_0040 (DC)	566062.14	4222628.07	5.46E-03	2.08E-03	1.84E-06	0.00754	1.84	0.01728	0.02482
DC2_0033 (DC)	566042.14	4222638.07	5.47E-03	1.59E-03	1.83E-06	0.00706	1.83	0.01688	0.02394
DC2_0009 (DC)	565982.14	4222698.07	5.49E-03	1.10E-03	1.82E-06	0.00659	1.82	0.01653	0.02312
DC2_0017 (DC)	566002.14	4222668.07	5.40E-03	1.17E-03	1.80E-06	0.00657	1.80	0.01631	0.02288
DC2_0022 (DC)	566012.14	4222658.07	5.38E-03	1.24E-03	1.79E-06	0.00662	1.79	0.01633	0.02295
DC2_0013 (DC)	565992.14	4222678.07	5.33E-03	1.12E-03	1.77E-06	0.00645	1.77	0.01609	0.02254
DC2_0026 (DC)	566022.14	4222648.07	5.28E-03	1.33E-03	1.76E-06	0.00661	1.76	0.01611	0.02272
DC2_0008 (DC)	565982.14	4222688.07	5.20E-03	1.07E-03	1.73E-06	0.00627	1.73	0.01569	0.02196
DC2_0036 (DC)	566052.14	4222628.07	5.11E-03	1.82E-03	1.72E-06	0.00693	1.72	0.01608	0.02301
DC2_0029 (DC)	566032.14	4222638.07	5.07E-03	1.45E-03	1.70E-06	0.00652	1.70	0.01563	0.02215
DC2_0016 (DC)	566002.14	4222658.07	4.93E-03	1.16E-03	1.64E-06	0.00609	1.64	0.01499	0.02108
DC2_0012 (DC)	565992.14	4222668.07	4.93E-03	1.10E-03	1.64E-06	0.00603	1.64	0.01495	0.02098
DC2_0021 (DC)	566012.14	4222648.07	4.86E-03	1.23E-03	1.62E-06	0.00609	1.62	0.01485	0.02094
DC2_0007 (DC)	565982.14	4222678.07	4.87E-03	1.05E-03	1.62E-06	0.00592	1.62	0.01473	0.02065
DC2_0032 (DC)	566042.14	4222628.07	4.79E-03	1.62E-03	1.61E-06	0.00641	1.61	0.01500	0.02141
DC2_0004 (DC)	565972.14	4222688.07	4.75E-03	1.01E-03	1.58E-06	0.00576	1.58	0.01437	0.02013
DC2_0025 (DC)	566022.14	4222638.07	4.70E-03	1.33E-03	1.57E-06	0.00603	1.57	0.01449	0.02052
DC2_0011 (DC)	565992.14	4222658.07	4.54E-03	1.09E-03	1.51E-06	0.00563	1.51	0.01382	0.01945
DC2_0006 (DC)	565982.14	4222668.07	4.52E-03	1.04E-03	1.50E-06	0.00556	1.50	0.01375	0.01931
DC2_0015 (DC)	566002.14	4222648.07	4.49E-03	1.15E-03	1.50E-06	0.00564	1.50	0.01373	0.01937
DC2_0003 (DC)	565972.14	4222678.07	4.46E-03	9.90E-04	1.48E-06	0.00545	1.48	0.01354	0.01899
DC2_0020 (DC)	566012.14	4222638.07	4.37E-03	1.23E-03	1.46E-06	0.00560	1.46	0.01347	0.01907
DC2_0005 (DC)	565982.14	4222658.07	4.19E-03	1.02E-03	1.40E-06	0.00521	1.40	0.01279	0.01800
DC2_0002 (DC)	565972.14	4222668.07	4.17E-03	9.70E-04	1.39E-06	0.00514	1.39	0.01270	0.01784
DC2_0010 (DC)	565992.14	4222648.07	4.16E-03	1.07E-03	1.39E-06	0.00523	1.39	0.01274	0.01797
DC2_0001 (DC)	565962.14	4222678.07	4.11E-03	9.40E-04	1.37E-06	0.00505	1.37	0.01252	0.01757
DC1_0349 (DC)	566070.67	4222457.78	1.20E-03	1.08E-03	4.23E-07	0.00228	0.42	0.00423	0.00651
DC1_0345 (DC)	566060.67	4222457.78	1.16E-03	9.10E-04	4.05E-07	0.00207	0.41	0.00398	0.00605
DC1_0348 (DC)	566070.67	4222447.78	1.14E-03	1.11E-03	4.05E-07	0.00225	0.40	0.00408	0.00633
DC1_0347 (DC)	566070.67	4222437.78	1.10E-03	1.17E-03	3.93E-07	0.00227	0.39	0.00398	0.00625
DC1_0338 (DC)	566050.67	4222457.78	1.12E-03	7.90E-04	3.89E-07	0.00191	0.39	0.00381	0.00572
DC1_0344 (DC)	566060.67	4222447.78	1.10E-03	9.20E-04	3.86E-07	0.00202	0.39	0.00381	0.00583
DC1_0328 (DC)	566040.67	4222457.78	1.09E-03	7.10E-04	3.76E-07	0.00180	0.38	0.00367	0.00547
DC1_0337 (DC)	566050.67	4222447.78	1.06E-03	7.90E-04	3.69E-07	0.00185	0.37	0.00363	0.00548
DC1_0316 (DC)	566030.67	4222457.78	1.07E-03	6.50E-04	3.68E-07	0.00172	0.37	0.00356	0.00528
DC1_0346 (DC)	566070.67	4222427.78	1.03E-03	1.09E-03	3.68E-07	0.00212	0.37	0.00373	0.00585
DC1_0343 (DC)	566060.67	4222437.78	1.04E-03	9.40E-04	3.67E-07	0.00198	0.37	0.00367	0.00565
DC1_0302 (DC)	566020.67	4222457.78	1.05E-03	6.00E-04	3.60E-07	0.00165	0.36	0.00347	0.00512
DC1_0327 (DC)	566040.67	4222447.78	1.03E-03	7.00E-04	3.57E-07	0.00173	0.36	0.00349	0.00522
DC1_0342 (DC)	566060.67	4222427.78	1.00E-03	9.70E-04	3.55E-07	0.00197	0.35	0.00355	0.00552
DC1_0336 (DC)	566050.67	4222437.78	1.01E-03	8.00E-04	3.53E-07	0.00181	0.35	0.00347	0.00528
DC1_0286 (DC)	566010.67	4222457.78	1.03E-03	5.60E-04	3.52E-07	0.00159	0.35	0.00339	0.00498
DC1_0315 (DC)	566030.67	4222447.78	1.01E-03	6.40E-04	3.48E-07	0.00165	0.35	0.00338	0.00503
DC1_0269 (DC)	566000.67	4222457.78	1.02E-03	5.20E-04	3.48E-07	0.00154	0.35	0.00332	0.00486
DC1_0341 (DC)	566060.67	4222417.78	9.60E-04	1.02E-03	3.43E-07	0.00198	0.34	0.00347	0.00545
DC1_0250 (DC)	565990.67	4222457.78	1.00E-03	4.90E-04	3.41E-07	0.00149	0.34	0.00325	0.00474
DC1_0301 (DC)	566020.67	4222447.78	9.90E-04	5.90E-04	3.40E-07	0.00158	0.34	0.0032	

DC1_0285 (DC)	566010.67	4222447.78	9.70E-04	5.50E-04	3.33E-07	0.00152	0.33	0.00321	0.00473
DC1_0210 (DC)	565970.67	4222457.78	9.70E-04	4.50E-04	3.30E-07	0.00142	0.33	0.00312	0.00454
DC1_0314 (DC)	566030.67	4222437.78	9.50E-04	6.30E-04	3.28E-07	0.00158	0.33	0.00321	0.00479
DC1_0268 (DC)	566000.67	4222447.78	9.60E-04	5.10E-04	3.28E-07	0.00147	0.33	0.00314	0.00461
DC1_0334 (DC)	566050.67	4222417.78	9.20E-04	8.40E-04	3.25E-07	0.00176	0.32	0.00323	0.00499
DC1_0325 (DC)	566040.67	4222427.78	9.30E-04	7.10E-04	3.24E-07	0.00164	0.32	0.00319	0.00483
DC1_0300 (DC)	566020.67	4222437.78	9.40E-04	5.80E-04	3.24E-07	0.00152	0.32	0.00313	0.00465
DC1_0190 (DC)	565960.67	4222457.78	9.50E-04	4.30E-04	3.22E-07	0.00138	0.32	0.00306	0.00444
DC1_0249 (DC)	565990.67	4222447.78	9.40E-04	4.80E-04	3.21E-07	0.00142	0.32	0.00308	0.00450
DC1_0339 (DC)	566060.67	4222397.78	8.90E-04	1.03E-03	3.21E-07	0.00192	0.32	0.00325	0.00517
DC1_0229 (DC)	565980.67	4222447.78	9.30E-04	4.60E-04	3.17E-07	0.00139	0.32	0.00302	0.00441
DC1_0284 (DC)	566010.67	4222437.78	9.20E-04	5.40E-04	3.16E-07	0.00146	0.32	0.00305	0.00451
DC1_0171 (DC)	565950.67	4222457.78	9.30E-04	4.10E-04	3.15E-07	0.00134	0.32	0.00300	0.00434
DC1_0313 (DC)	566030.67	4222427.78	9.10E-04	6.30E-04	3.15E-07	0.00154	0.32	0.00307	0.00461
DC1_0333 (DC)	566050.67	4222407.78	8.80E-04	8.70E-04	3.13E-07	0.00175	0.31	0.00314	0.00489
DC1_0153 (DC)	565940.67	4222457.78	9.20E-04	3.90E-04	3.12E-07	0.00131	0.31	0.00294	0.00425
DC1_0267 (DC)	566000.67	4222437.78	9.10E-04	5.00E-04	3.11E-07	0.00141	0.31	0.00298	0.00439
DC1_0324 (DC)	566040.67	4222417.78	8.90E-04	7.20E-04	3.11E-07	0.00161	0.31	0.00307	0.00468
DC1_0209 (DC)	565970.67	4222447.78	9.10E-04	4.30E-04	3.09E-07	0.00134	0.31	0.00296	0.00430
DC1_0299 (DC)	566020.67	4222427.78	8.90E-04	5.70E-04	3.07E-07	0.00146	0.31	0.00298	0.00444
DC1_0189 (DC)	565960.67	4222447.78	9.00E-04	4.10E-04	3.06E-07	0.00131	0.31	0.00290	0.00421
DC1_0136 (DC)	565930.67	4222457.78	9.00E-04	3.70E-04	3.04E-07	0.00127	0.30	0.00289	0.00416
DC1_0248 (DC)	565990.67	4222437.78	8.90E-04	4.70E-04	3.04E-07	0.00136	0.30	0.00292	0.00428
DC1_0332 (DC)	566050.67	4222397.78	8.50E-04	9.10E-04	3.04E-07	0.00176	0.30	0.00308	0.00484
DC1_0120 (DC)	565920.67	4222457.78	8.90E-04	3.60E-04	3.01E-07	0.00125	0.30	0.00283	0.00408
DC1_0228 (DC)	565980.67	4222437.78	8.80E-04	4.50E-04	3.00E-07	0.00133	0.30	0.00286	0.00419
DC1_0283 (DC)	566010.67	4222427.78	8.70E-04	5.30E-04	2.99E-07	0.00140	0.30	0.00290	0.00430
DC1_0312 (DC)	566030.67	4222417.78	8.60E-04	6.40E-04	2.99E-07	0.00150	0.30	0.00294	0.00444
DC1_0331 (DC)	566050.67	4222387.78	8.30E-04	9.60E-04	2.99E-07	0.00179	0.30	0.00304	0.00483
DC1_0170 (DC)	565950.67	4222447.78	8.80E-04	4.00E-04	2.99E-07	0.00128	0.30	0.00285	0.00413
DC1_0323 (DC)	566040.67	4222407.78	8.50E-04	7.30E-04	2.99E-07	0.00158	0.30	0.00296	0.00454
DC1_0330 (DC)	566050.67	4222377.78	8.10E-04	1.05E-03	2.95E-07	0.00186	0.30	0.00305	0.00491
DC1_0152 (DC)	565940.67	4222447.78	8.70E-04	3.80E-04	2.95E-07	0.00125	0.29	0.00280	0.00405
DC1_0266 (DC)	566000.67	4222427.78	8.60E-04	4.90E-04	2.95E-07	0.00135	0.29	0.00284	0.00419
DC1_0105 (DC)	565910.67	4222457.78	8.70E-04	3.50E-04	2.94E-07	0.00122	0.29	0.00277	0.00399
DC1_0208 (DC)	565970.67	4222437.78	8.60E-04	4.20E-04	2.93E-07	0.00128	0.29	0.00281	0.00409
DC1_0135 (DC)	565930.67	4222447.78	8.60E-04	3.60E-04	2.91E-07	0.00122	0.29	0.00274	0.00396
DC1_0298 (DC)	566020.67	4222417.78	8.40E-04	5.70E-04	2.91E-07	0.00141	0.29	0.00285	0.00426
DC1_0091 (DC)	565900.67	4222457.78	8.60E-04	3.30E-04	2.90E-07	0.00119	0.29	0.00272	0.00391
DC1_0188 (DC)	565960.67	4222437.78	8.50E-04	4.00E-04	2.89E-07	0.00125	0.29	0.00276	0.00401
DC1_0247 (DC)	565990.67	4222427.78	8.40E-04	4.60E-04	2.87E-07	0.00130	0.29	0.00278	0.00408
DC1_0311 (DC)	566030.67	4222407.78	8.20E-04	6.40E-04	2.86E-07	0.00146	0.29	0.00283	0.00429
DC1_0322 (DC)	566040.67	4222397.78	8.10E-04	7.50E-04	2.86E-07	0.00156	0.29	0.00287	0.00443
DC1_0282 (DC)	566010.67	4222417.78	8.30E-04	5.20E-04	2.86E-07	0.00135	0.29	0.00277	0.00412
DC1_0169 (DC)	565950.67	4222437.78	8.40E-04	3.80E-04	2.85E-07	0.00122	0.29	0.00271	0.00393
DC1_0119 (DC)	565920.67	4222447.78	8.40E-04	3.50E-04	2.84E-07	0.00119	0.28	0.00269	0.00388
DC1_0329 (DC)	566050.67	4222367.78	7.80E-04	1.00E-03	2.84E-07	0.00178	0.28	0.00292	0.00470
DC1_0227 (DC)	565980.67	4222427.78	8.30E-04	4.40E-04	2.84E-07	0.00127	0.28	0.00272	0.00399
DC1_0078 (DC)	565890.67	4222457.78	8.40E-04	3.20E-04	2.83E-07	0.00116	0.28	0.00267	0.00383
DC1_0151 (DC)	565940.67	4222437.78	8.30E-04	3.70E-04	2.82E-07	0.00120	0.28	0.00266	0.00386
DC1_0104 (DC)	565910.67	4222447.78	8.30E-04	3.30E-04	2.80E-07	0.00116	0.28	0.00264	0.00380
DC1_0066 (DC)	565880.67	4222457.78	8.30E-04	3.10E-04	2.80E-07	0.00114	0.28	0.00262	0.00376
DC1_0207 (DC)	565970.67	4222427.78	8.20E-04	4.10E-04	2.79E-07	0.00123	0.28	0.00267	0.00390
DC1_0265 (DC)	566000.67	4222417.78	8.10E-04	4.90E-04	2.79E-07	0.00130	0.28	0.00270	0.00400
DC1_0297 (DC)	566020.67	4222407.78	8.00E-04	5.80E-04	2.78E-07	0.00138	0.28	0.00273	0.00411
DC1_0321 (DC)	566040.67	4222387.78	7.80E-04	7.80E-04	2.77E-07	0.00156	0.28	0.00280	0.00436
DC1_0310 (DC)	566030.67	4222397.78	7.90E-04	6.50E-04	2.77E-07	0.00144	0.28	0.00274	0.00418
DC1_0187 (DC)	565960.67	4222427.78	8.10E-04	3.90E-04	2.76E-07	0.00120	0.28	0.00262	0.00382
DC1_0134 (DC)	565930.67	4222437.78	8.10E-04	3.50E-04	2.74E-07	0.00116	0.27	0.00261	0.00377
DC1_0246 (DC)	565990.67	4222417.78	8.00E-04	4.50E-04	2.74E-07	0.00125	0.27	0.00265	0.00390
DC1_0090 (DC)	565900.67	4222447.78	8.10E-04	3.20E-04	2.74E-07	0.00113	0.27	0.00259	0.00372
DC1_0055 (DC)	565870.67	4222457.78	8.10E-04	3.00E-04	2.73E-07	0.00111	0.27	0.00257	0.00368
DC1_0281 (DC)	566010.67	4222407.78	7.90E-04	5.20E-04	2.73E-07	0.00131	0.27	0.00265	0.00396
DC1_0320 (DC)	566040.67	4222377.78	7.60E-04	8.20E-04	2.72E-07	0.00158	0.27	0.00276	0.00434
DC1_0168 (DC)	565950.67	4222427.78	8.00E-04	3.70E-04	2.72E-07	0.00117	0.27	0.00258	0.00375
DC1_0118 (DC)	565920.67	4222437.78	8.00E-04	3.40E-04	2.71E-07	0.00114	0.27	0.00257	0.00371
DC1_0226 (DC)	565980.67	4222417.78	7.90E-04	4.30E-04	2.70E-07	0.00122	0.27	0.00259	0.00381
DC1_0077 (DC)	565890.67	4222447.78	8.00E-04	3.10E-04	2.70E-07	0.00111	0.27	0.00255	0.00366
DC1_0045 (DC)	565860.67	4222457.78	8.00E-04	2.90E-04	2.69E-07	0.00109	0.27	0.00253	0.00362
DC1_0296 (DC)	566020.67	4222397.78	7.70E-04	5.80E-04	2.68E-07	0.00135	0.27	0.00263	0.00398
DC1_0319 (DC)	566040.67	4222367.78	7.40E-04	8.80E-04	2.67E-07	0.00162	0.27	0.00274	0.00436
DC1_0103 (DC)	565910.67	4222437.78	7.90E-04	3.20E-04	2.67E-07	0.00111	0.27	0.00252	0.00363
DC1_0318 (DC)	566040.67	4222357.78	7.30E-04	9.70E-04	2.67E-07	0.00170	0.27	0.00277	0.00447
DC1_0065 (DC)	565880.67	4222447.78	7.90E-04	3.00E-04	2.66E-07	0.00109	0.27	0.00250	0.00359
DC1_0206 (DC)	565970.67	4222417.78	7.80E-04	4.00E-04	2.66E-07	0.00118	0.27	0.00255	0.00373
DC1_0264 (DC)	566000.67	4222407.78	7.70E-04	4.80E-04	2.65E-07	0.00125	0.27	0.00259	0.00384
DC1_0150 (DC)	565940.67	4222427.78	7.80E-04	3.60E-04	2.65E-07	0.00114	0.26	0.00253	0.00367
DC1_0309 (DC)	566030.67	4222387.78	7.50E-04	6.70E-04	2.64E-07	0.00142	0.26	0.00265	0.00407
DC1_0089 (DC)	565900.67	4222437.78	7.80E-04	3.10E-04	2.63E-07	0.00109	0.26	0.00248	0.00357
DC1_0054 (DC)	565870.67	4222447.78	7.80E-04	2.90E-04	2.63E-07	0.00107	0.26	0.00246	0.00353
DC1_0036 (DC)	565850.67	4222457.78	7.80E-04	2.80E-04	2.63E-07	0.00106	0.26	0.00248	0.00354
DC1_0186 (DC)	565960.67	4222417.78	7.70E-04	3.80E-04	2.62E-07	0.00115	0.26	0.00250	0.00365
DC1_0133 (DC)	565930.67	4222427.78	7.70E-04	3.40E-04	2.61E-07	0.00111	0.26	0.00249	0.00360
DC1_0245 (DC)	565990.67	4222407.78	7.60E-04	4.50E-04	2.61E-07	0.00121	0.26	0.00253	0.00374
DC1_0280 (DC)	566010.67	4222397.78	7.50E-04	5.20E-04	2.60E-07	0.00127	0.26	0.00255	0.00382
DC1_0317 (DC)	566040.67	4222347.78	7.10E-04	9.40E-04	2.59E-07	0.00165	0.26	0.00267	0.00432
DC1_0028 (DC)	565840.67	4222457.78	7.70E-04	2.70E-04	2.59E-07	0.00104	0.26	0.00243	0.00347
DC1_0167 (DC)	565950.67	4222417.78	7.60E-04	3.60E-04	2.58E-07	0.00112	0.26	0.00245	0.00357
DC1_0308 (DC)	566030.67	4222377.78	7.30E-04	6.90E-04	2.58E-07	0.00142	0.26	0.00258	0.00400
DC1_0117 (DC)	565920.67	4222427.78	7.60E-04	3.30E-04	2.58E-07	0.00109	0.26	0.00245	0.00354
DC1_0225 (DC)	565980.67	4222407.78	7.50E-04	4.20E-04	2.57E-07	0.00117	0.26	0.00248	0.00365
DC1_0076 (DC)	565890.67	4222437.78	7.60E-04	3.00E-04	2.57E-07	0.00106	0.26	0.00243	0.00349
DC1_0044 (DC)	565860.67	4222447.78	7.60E-04	2.80E-04	2.56E-07	0.00104	0.26	0.00242	0.00346
DC1_0263 (DC)	566000.67	4222397.78	7.40E-04	4.80E-04	2.55E-0				

DC1_0205 (DC)	565970.67	4222407.78	7.40E-04	4.00E-04	2.53E-07	0.00114	0.25	0.00243	0.00357
DC1_0035 (DC)	565850.67	4222447.78	7.50E-04	2.70E-04	2.53E-07	0.00102	0.25	0.00237	0.00339
DC1_0021 (DC)	565830.67	4222457.78	7.50E-04	2.60E-04	2.52E-07	0.00101	0.25	0.00237	0.00338
DC1_0244 (DC)	565990.67	4222397.78	7.30E-04	4.50E-04	2.51E-07	0.00118	0.25	0.00242	0.00360
DC1_0132 (DC)	565930.67	4222417.78	7.40E-04	3.30E-04	2.51E-07	0.00107	0.25	0.00237	0.00344
DC1_0279 (DC)	566010.67	4222387.78	7.20E-04	5.30E-04	2.50E-07	0.00125	0.25	0.00245	0.00370
DC1_0088 (DC)	565900.67	4222427.78	7.40E-04	3.00E-04	2.50E-07	0.00104	0.25	0.00236	0.00340
DC1_0053 (DC)	565870.67	4222437.78	7.40E-04	2.80E-04	2.50E-07	0.00102	0.25	0.00235	0.00337
DC1_0307 (DC)	566030.67	4222367.78	7.00E-04	7.20E-04	2.50E-07	0.00142	0.25	0.00253	0.00395
DC1_0185 (DC)	565960.67	4222407.78	7.30E-04	3.80E-04	2.49E-07	0.00111	0.25	0.00238	0.00349
DC1_0027 (DC)	565840.67	4222447.78	7.40E-04	2.60E-04	2.49E-07	0.00100	0.25	0.00232	0.00332
DC1_0015 (DC)	565820.67	4222457.78	7.40E-04	2.50E-04	2.49E-07	0.00099	0.25	0.00232	0.00331
DC1_0116 (DC)	565920.67	4222417.78	7.30E-04	3.20E-04	2.47E-07	0.00105	0.25	0.00233	0.00338
DC1_0075 (DC)	565890.67	4222427.78	7.30E-04	2.90E-04	2.47E-07	0.00102	0.25	0.00232	0.00334
DC1_0043 (DC)	565860.67	4222437.78	7.30E-04	2.70E-04	2.46E-07	0.00100	0.25	0.00231	0.00331
DC1_0294 (DC)	566020.67	4222377.78	7.00E-04	6.00E-04	2.46E-07	0.00130	0.25	0.00246	0.00376
DC1_0304 (DC)	566030.67	4222337.78	6.70E-04	9.20E-04	2.46E-07	0.00159	0.25	0.00255	0.00414
DC1_0166 (DC)	565950.67	4222407.78	7.20E-04	3.60E-04	2.45E-07	0.00108	0.25	0.00234	0.00342
DC1_0306 (DC)	566030.67	4222357.78	6.80E-04	7.60E-04	2.44E-07	0.00144	0.24	0.00250	0.00394
DC1_0101 (DC)	565910.67	4222417.78	7.20E-04	3.10E-04	2.44E-07	0.00103	0.24	0.00230	0.00333
DC1_0224 (DC)	565980.67	4222397.78	7.10E-04	4.20E-04	2.44E-07	0.00113	0.24	0.00237	0.00350
DC1_0063 (DC)	565880.67	4222427.78	7.20E-04	2.80E-04	2.43E-07	0.00100	0.24	0.00228	0.00328
DC1_0305 (DC)	566030.67	4222347.78	6.70E-04	8.30E-04	2.43E-07	0.00150	0.24	0.00251	0.00401
DC1_0034 (DC)	565850.67	4222437.78	7.20E-04	2.60E-04	2.42E-07	0.00098	0.24	0.00227	0.00325
DC1_0262 (DC)	566000.67	4222387.78	7.00E-04	4.80E-04	2.42E-07	0.00118	0.24	0.00238	0.00356
DC1_0020 (DC)	565830.67	4222447.78	7.20E-04	2.50E-04	2.42E-07	0.00097	0.24	0.00228	0.00325
DC1_0010 (DC)	565810.67	4222457.78	7.20E-04	2.40E-04	2.42E-07	0.00096	0.24	0.00228	0.00324
DC1_0148 (DC)	565940.67	4222407.78	7.10E-04	3.40E-04	2.42E-07	0.00105	0.24	0.00230	0.00335
DC1_0303 (DC)	566030.67	4222327.78	6.60E-04	8.90E-04	2.42E-07	0.00155	0.24	0.00247	0.00402
DC1_0278 (DC)	566010.67	4222377.78	6.90E-04	5.30E-04	2.41E-07	0.00122	0.24	0.00237	0.00359
DC1_0087 (DC)	565900.67	4222417.78	7.10E-04	2.90E-04	2.40E-07	0.00100	0.24	0.00226	0.00326
DC1_0293 (DC)	566020.67	4222367.78	6.80E-04	6.20E-04	2.40E-07	0.00130	0.24	0.00239	0.00369
DC1_0204 (DC)	565970.67	4222397.78	7.00E-04	3.90E-04	2.40E-07	0.00109	0.24	0.00232	0.00341
DC1_0052 (DC)	565870.67	4222427.78	7.10E-04	2.70E-04	2.39E-07	0.00098	0.24	0.00225	0.00323
DC1_0006 (DC)	565800.67	4222457.78	7.10E-04	2.40E-04	2.39E-07	0.00095	0.24	0.00223	0.00318
DC1_0014 (DC)	565820.67	4222447.78	7.10E-04	2.40E-04	2.39E-07	0.00095	0.24	0.00223	0.00318
DC1_0243 (DC)	565990.67	4222387.78	6.90E-04	4.40E-04	2.38E-07	0.00113	0.24	0.00232	0.00345
DC1_0131 (DC)	565930.67	4222407.78	7.00E-04	3.20E-04	2.38E-07	0.00102	0.24	0.00226	0.00328
DC1_0042 (DC)	565860.67	4222427.78	7.00E-04	2.60E-04	2.36E-07	0.00096	0.24	0.00221	0.00317
DC1_0184 (DC)	565960.67	4222397.78	6.90E-04	3.70E-04	2.36E-07	0.00106	0.24	0.00228	0.00334
DC1_0026 (DC)	565840.67	4222437.78	7.00E-04	2.50E-04	2.36E-07	0.00095	0.24	0.00222	0.00317
DC1_0115 (DC)	565920.67	4222407.78	6.90E-04	3.10E-04	2.34E-07	0.00100	0.23	0.00223	0.00323
DC1_0223 (DC)	565980.67	4222387.78	6.80E-04	4.10E-04	2.34E-07	0.00109	0.23	0.00227	0.00336
DC1_0074 (DC)	565890.67	4222417.78	6.90E-04	2.80E-04	2.33E-07	0.00097	0.23	0.00222	0.00319
DC1_0261 (DC)	566000.67	4222377.78	6.70E-04	4.80E-04	2.33E-07	0.00115	0.23	0.00229	0.00344
DC1_0019 (DC)	565830.67	4222437.78	6.90E-04	2.50E-04	2.32E-07	0.00094	0.23	0.00218	0.00312
DC1_0033 (DC)	565850.67	4222427.78	6.90E-04	2.50E-04	2.32E-07	0.00094	0.23	0.00217	0.00311
DC1_0009 (DC)	565810.67	4222447.78	6.90E-04	2.40E-04	2.32E-07	0.00093	0.23	0.00219	0.00312
DC1_0165 (DC)	565950.67	4222397.78	6.80E-04	3.50E-04	2.32E-07	0.00103	0.23	0.00224	0.00327
DC1_0003 (DC)	565790.67	4222457.78	6.90E-04	2.30E-04	2.32E-07	0.00092	0.23	0.00218	0.00310
DC1_0147 (DC)	565940.67	4222397.78	6.80E-04	3.30E-04	2.31E-07	0.00101	0.23	0.00220	0.00321
DC1_0277 (DC)	566010.67	4222367.78	6.60E-04	5.40E-04	2.31E-07	0.00120	0.23	0.00229	0.00349
DC1_0292 (DC)	566020.67	4222357.78	6.50E-04	6.40E-04	2.31E-07	0.00129	0.23	0.00234	0.00363
DC1_0100 (DC)	565910.67	4222407.78	6.80E-04	3.00E-04	2.31E-07	0.00098	0.23	0.00219	0.00317
DC1_0203 (DC)	565970.67	4222387.78	6.70E-04	3.90E-04	2.30E-07	0.00106	0.23	0.00223	0.00329
DC1_0062 (DC)	565880.67	4222417.78	6.80E-04	2.70E-04	2.30E-07	0.00095	0.23	0.00218	0.00313
DC1_0051 (DC)	565870.67	4222417.78	6.80E-04	2.60E-04	2.29E-07	0.00094	0.23	0.00215	0.00309
DC1_0013 (DC)	565820.67	4222437.78	6.80E-04	2.40E-04	2.29E-07	0.00092	0.23	0.00214	0.00306
DC1_0005 (DC)	565800.67	4222447.78	6.80E-04	2.30E-04	2.29E-07	0.00091	0.23	0.00214	0.00305
DC1_0291 (DC)	566020.67	4222347.78	6.40E-04	6.70E-04	2.28E-07	0.00131	0.23	0.00231	0.00362
DC1_0001 (DC)	565780.67	4222457.78	6.80E-04	2.20E-04	2.28E-07	0.00090	0.23	0.00214	0.00304
DC1_0242 (DC)	565990.67	4222377.78	6.60E-04	4.40E-04	2.28E-07	0.00110	0.23	0.00223	0.00333
DC1_0130 (DC)	565930.67	4222397.78	6.70E-04	3.20E-04	2.28E-07	0.00099	0.23	0.00216	0.00315
DC4_0001 (DC)	565555.59	4222665.01	6.80E-04	1.80E-04	2.27E-07	0.00086	0.23	0.00211	0.00297
DC1_0086 (DC)	565900.67	4222407.78	6.70E-04	2.90E-04	2.27E-07	0.00096	0.23	0.00216	0.00312
DC1_0041 (DC)	565860.67	4222417.78	6.70E-04	2.60E-04	2.26E-07	0.00093	0.23	0.00212	0.00305
DC1_0025 (DC)	565840.67	4222427.78	6.70E-04	2.50E-04	2.26E-07	0.00092	0.23	0.00213	0.00305
DC1_0183 (DC)	565960.67	4222387.78	6.60E-04	3.60E-04	2.26E-07	0.00102	0.23	0.00218	0.00320
DC1_0008 (DC)	565810.67	4222437.78	6.70E-04	2.30E-04	2.25E-07	0.00090	0.23	0.00210	0.00300
DC1_0002 (DC)	565790.67	4222447.78	6.70E-04	2.20E-04	2.25E-07	0.00089	0.22	0.00210	0.00299
DC1_0114 (DC)	565920.67	4222397.78	6.60E-04	3.00E-04	2.24E-07	0.00096	0.22	0.00213	0.00309
DC1_0222 (DC)	565980.67	4222377.78	6.50E-04	4.10E-04	2.24E-07	0.00106	0.22	0.00218	0.00324
DC1_0288 (DC)	566020.67	4222317.78	6.10E-04	8.50E-04	2.24E-07	0.00146	0.22	0.00234	0.00380
DC1_0073 (DC)	565890.67	4222407.78	6.60E-04	2.80E-04	2.23E-07	0.00094	0.22	0.00212	0.00306
DC1_0260 (DC)	566000.67	4222367.78	6.40E-04	4.90E-04	2.23E-07	0.00113	0.22	0.00221	0.00334
DC1_0290 (DC)	566020.67	4222337.78	6.20E-04	7.10E-04	2.23E-07	0.00133	0.22	0.00229	0.00362
DC1_0032 (DC)	565850.67	4222417.78	6.60E-04	2.50E-04	2.23E-07	0.00091	0.22	0.00208	0.00299
DC1_0018 (DC)	565830.67	4222427.78	6.60E-04	2.40E-04	2.22E-07	0.00090	0.22	0.00209	0.00299
DC1_0164 (DC)	565950.67	4222387.78	6.50E-04	3.40E-04	2.22E-07	0.00099	0.22	0.00214	0.00313
DC1_0276 (DC)	566010.67	4222357.78	6.30E-04	5.60E-04	2.22E-07	0.00119	0.22	0.00223	0.00342
DC1_0289 (DC)	566020.67	4222327.78	6.10E-04	7.70E-04	2.22E-07	0.00138	0.22	0.00230	0.00368
DC1_0099 (DC)	565910.67	4222397.78	6.50E-04	2.90E-04	2.21E-07	0.00094	0.22	0.00210	0.00304
DC1_0061 (DC)	565880.67	4222407.78	6.50E-04	2.70E-04	2.20E-07	0.00092	0.22	0.00209	0.00301
DC1_0202 (DC)	565970.67	4222377.78	6.40E-04	3.80E-04	2.20E-07	0.00102	0.22	0.00214	0.00316
DC1_0050 (DC)	565870.67	4222407.78	6.50E-04	2.60E-04	2.20E-07	0.00091	0.22	0.00206	0.00297
DC1_0024 (DC)	565840.67	4222417.78	6.50E-04	2.40E-04	2.19E-07	0.00089	0.22	0.00204	0.00293
DC1_0012 (DC)	565820.67	4222427.78	6.50E-04	2.30E-04	2.19E-07	0.00088	0.22	0.00205	0.00293
DC1_0004 (DC)	565800.67	4222437.78	6.50E-04	2.20E-04	2.18E-07	0.00087	0.22	0.00206	0.00293
DC1_0241 (DC)	565990.67	4222367.78	6.30E-04	4.40E-04	2.18E-07	0.00107	0.22	0.00215	0.00322
DC1_0146 (DC)	565940.67	4222387.78	6.40E-04	3.20E-04	2.18E-07	0.00096	0.22	0.00210	0.00306
DC1_0129 (DC)	565930.67	4222387.78	6.40E-04	3.10E-04	2.18E-07	0.00095	0.22	0.00207	0.00302
DC1_0085 (DC)	565900.67	4222397.78	6.40E-04	2.80E-04	2.17E-07	0.00092	0.22	0.00206	0.00298
DC1_0259 (DC)	566000.67	4222357.78	6.20E-04	4.90E-04	2.17E-07	0.00111	0.22	0.00214	0.00325
DC1_0040 (DC)	565860.67	4222407.78	6.40E-04	2.50E-04	2.16E-0				

DC1_0113 (DC)	565920.67	4222387.78	6.30E-04	2.90E-04	2.14E-07	0.00092	0.21	0.00204	0.00296
DC1_0072 (DC)	565890.67	4222397.78	6.30E-04	2.70E-04	2.13E-07	0.00090	0.21	0.00203	0.00293
DC1_0060 (DC)	565880.67	4222397.78	6.30E-04	2.60E-04	2.13E-07	0.00089	0.21	0.00200	0.00289
DC1_0031 (DC)	565850.67	4222407.78	6.30E-04	2.40E-04	2.13E-07	0.00087	0.21	0.00199	0.00286
DC1_0017 (DC)	565830.67	4222417.78	6.30E-04	2.30E-04	2.12E-07	0.00086	0.21	0.00201	0.00287
DC1_0163 (DC)	565950.67	4222377.78	6.20E-04	3.40E-04	2.12E-07	0.00096	0.21	0.00205	0.00301
DC1_0240 (DC)	565990.67	4222357.78	6.10E-04	4.50E-04	2.12E-07	0.00106	0.21	0.00208	0.00314
DC1_0145 (DC)	565940.67	4222377.78	6.20E-04	3.20E-04	2.12E-07	0.00094	0.21	0.00201	0.00295
DC1_0098 (DC)	565910.67	4222387.78	6.20E-04	2.80E-04	2.10E-07	0.00090	0.21	0.00201	0.00291
DC1_0258 (DC)	566000.67	4222347.78	6.00E-04	5.00E-04	2.10E-07	0.00110	0.21	0.00208	0.00318
DC1_0201 (DC)	565970.67	4222367.78	6.10E-04	3.80E-04	2.10E-07	0.00099	0.21	0.00205	0.00304
DC1_0274 (DC)	566010.67	4222337.78	5.90E-04	5.90E-04	2.10E-07	0.00118	0.21	0.00213	0.00331
DC1_0049 (DC)	565870.67	4222397.78	6.20E-04	2.50E-04	2.10E-07	0.00087	0.21	0.00197	0.00284
DC1_0023 (DC)	565840.67	4222407.78	6.20E-04	2.30E-04	2.09E-07	0.00085	0.21	0.00196	0.00281
DC1_0011 (DC)	565820.67	4222417.78	6.20E-04	2.20E-04	2.09E-07	0.00084	0.21	0.00197	0.00281
DC1_0128 (DC)	565930.67	4222377.78	6.10E-04	3.00E-04	2.08E-07	0.00091	0.21	0.00198	0.00289
DC1_0220 (DC)	565980.67	4222357.78	6.00E-04	4.10E-04	2.08E-07	0.00101	0.21	0.00202	0.00303
DC1_0273 (DC)	566010.67	4222327.78	5.80E-04	6.20E-04	2.07E-07	0.00120	0.21	0.00210	0.00330
DC1_0084 (DC)	565900.67	4222387.78	6.10E-04	2.70E-04	2.07E-07	0.00088	0.21	0.00198	0.00286
DC1_0071 (DC)	565890.67	4222387.78	6.10E-04	2.60E-04	2.07E-07	0.00087	0.21	0.00195	0.00282
DC1_0039 (DC)	565860.67	4222397.78	6.10E-04	2.40E-04	2.06E-07	0.00085	0.21	0.00194	0.00279
DC1_0181 (DC)	565960.67	4222367.78	6.00E-04	3.50E-04	2.06E-07	0.00095	0.21	0.00201	0.00296
DC1_0016 (DC)	565830.67	4222407.78	6.10E-04	2.20E-04	2.05E-07	0.00083	0.21	0.00193	0.00276
DC1_0162 (DC)	565950.67	4222367.78	6.00E-04	3.30E-04	2.05E-07	0.00093	0.21	0.00197	0.00290
DC1_0272 (DC)	566010.67	4222317.78	5.70E-04	6.60E-04	2.05E-07	0.00123	0.21	0.00209	0.00332
DC1_0112 (DC)	565920.67	4222377.78	6.00E-04	2.90E-04	2.04E-07	0.00089	0.20	0.00195	0.00284
DC1_0257 (DC)	566000.67	4222337.78	5.80E-04	5.10E-04	2.04E-07	0.00109	0.20	0.00203	0.00312
DC1_0200 (DC)	565970.67	4222357.78	5.90E-04	3.70E-04	2.03E-07	0.00096	0.20	0.00197	0.00293
DC1_0271 (DC)	566010.67	4222307.78	5.60E-04	7.00E-04	2.03E-07	0.00126	0.20	0.00208	0.00334
DC1_0059 (DC)	565880.67	4222387.78	6.00E-04	2.50E-04	2.03E-07	0.00085	0.20	0.00192	0.00277
DC1_0030 (DC)	565850.67	4222397.78	6.00E-04	2.30E-04	2.02E-07	0.00083	0.20	0.00191	0.00274
DC1_0239 (DC)	565990.67	4222347.78	5.80E-04	4.50E-04	2.02E-07	0.00103	0.20	0.00201	0.00304
DC1_0287 (DC)	566020.67	4222307.78	5.60E-04	6.60E-04	2.02E-07	0.00122	0.20	0.00206	0.00328
DC1_0144 (DC)	565940.67	4222367.78	5.90E-04	3.10E-04	2.02E-07	0.00090	0.20	0.00193	0.00283
DC1_0270 (DC)	566010.67	4222297.78	5.50E-04	7.50E-04	2.02E-07	0.00130	0.20	0.00210	0.00340
DC1_0097 (DC)	565910.67	4222377.78	5.90E-04	2.70E-04	2.00E-07	0.00086	0.20	0.00192	0.00278
DC1_0083 (DC)	565900.67	4222377.78	5.90E-04	2.60E-04	2.00E-07	0.00085	0.20	0.00189	0.00274
DC1_0048 (DC)	565870.67	4222387.78	5.90E-04	2.40E-04	1.99E-07	0.00083	0.20	0.00189	0.00272
DC1_0180 (DC)	565960.67	4222357.78	5.80E-04	3.50E-04	1.99E-07	0.00093	0.20	0.00193	0.00286
DC1_0022 (DC)	565840.67	4222397.78	5.90E-04	2.30E-04	1.99E-07	0.00082	0.20	0.00188	0.00270
DC1_0256 (DC)	566000.67	4222327.78	5.60E-04	5.30E-04	1.98E-07	0.00109	0.20	0.00198	0.00307
DC1_0219 (DC)	565980.67	4222347.78	5.70E-04	4.10E-04	1.98E-07	0.00098	0.20	0.00195	0.00293
DC1_0127 (DC)	565930.67	4222367.78	5.80E-04	2.90E-04	1.98E-07	0.00087	0.20	0.00190	0.00277
DC1_0111 (DC)	565920.67	4222367.78	5.80E-04	2.80E-04	1.97E-07	0.00086	0.20	0.00187	0.00273
DC1_0070 (DC)	565890.67	4222377.78	5.80E-04	2.50E-04	1.97E-07	0.00083	0.20	0.00187	0.00270
DC1_0029 (DC)	565850.67	4222387.78	5.80E-04	2.30E-04	1.96E-07	0.00081	0.20	0.00183	0.00264
DC1_0038 (DC)	565860.67	4222387.78	5.80E-04	2.30E-04	1.96E-07	0.00081	0.20	0.00186	0.00267
DC1_0238 (DC)	565990.67	4222337.78	5.60E-04	4.50E-04	1.96E-07	0.00101	0.20	0.00195	0.00296
DC1_0161 (DC)	565950.67	4222357.78	5.70E-04	3.20E-04	1.95E-07	0.00089	0.20	0.00189	0.00278
DC1_0096 (DC)	565910.67	4222367.78	5.70E-04	2.70E-04	1.94E-07	0.00084	0.19	0.00184	0.00268
DC1_0199 (DC)	565970.67	4222347.78	5.60E-04	3.70E-04	1.94E-07	0.00093	0.19	0.00190	0.00283
DC1_0058 (DC)	565880.67	4222377.78	5.70E-04	2.40E-04	1.93E-07	0.00081	0.19	0.00184	0.00265
DC1_0047 (DC)	565870.67	4222377.78	5.70E-04	2.30E-04	1.93E-07	0.00080	0.19	0.00181	0.00261
DC1_0255 (DC)	566000.67	4222317.78	5.40E-04	5.40E-04	1.92E-07	0.00108	0.19	0.00194	0.00302
DC1_0143 (DC)	565940.67	4222357.78	5.60E-04	3.00E-04	1.91E-07	0.00086	0.19	0.00185	0.00271
DC1_0218 (DC)	565980.67	4222337.78	5.50E-04	4.10E-04	1.91E-07	0.00096	0.19	0.00188	0.00284
DC1_0126 (DC)	565930.67	4222357.78	5.60E-04	2.90E-04	1.91E-07	0.00085	0.19	0.00182	0.00267
DC1_0082 (DC)	565900.67	4222367.78	5.60E-04	2.60E-04	1.90E-07	0.00082	0.19	0.00182	0.00264
DC1_0069 (DC)	565890.67	4222367.78	5.60E-04	2.50E-04	1.90E-07	0.00081	0.19	0.00179	0.00260
DC1_0237 (DC)	565990.67	4222327.78	5.40E-04	4.60E-04	1.90E-07	0.00100	0.19	0.00189	0.00289
DC1_0037 (DC)	565860.67	4222377.78	5.60E-04	2.30E-04	1.89E-07	0.00079	0.19	0.00179	0.00258
DC1_0179 (DC)	565960.67	4222347.78	5.50E-04	3.40E-04	1.89E-07	0.00089	0.19	0.00185	0.00274
DC1_0160 (DC)	565950.67	4222347.78	5.50E-04	3.20E-04	1.89E-07	0.00087	0.19	0.00181	0.00268
DC1_0110 (DC)	565920.67	4222357.78	5.50E-04	2.70E-04	1.87E-07	0.00082	0.19	0.00179	0.00261
DC1_0198 (DC)	565970.67	4222337.78	5.40E-04	3.70E-04	1.87E-07	0.00091	0.19	0.00183	0.00274
DC1_0057 (DC)	565880.67	4222367.78	5.50E-04	2.40E-04	1.86E-07	0.00079	0.19	0.00176	0.00255
DC1_0254 (DC)	566000.67	4222307.78	5.20E-04	5.60E-04	1.86E-07	0.00108	0.19	0.00190	0.00298
DC1_0142 (DC)	565940.67	4222347.78	5.40E-04	3.00E-04	1.85E-07	0.00084	0.18	0.00178	0.00262
DC1_0217 (DC)	565980.67	4222327.78	5.30E-04	4.00E-04	1.85E-07	0.00093	0.18	0.00182	0.00275
DC1_0095 (DC)	565910.67	4222357.78	5.40E-04	2.60E-04	1.84E-07	0.00080	0.18	0.00177	0.00257
DC1_0081 (DC)	565900.67	4222357.78	5.40E-04	2.50E-04	1.83E-07	0.00079	0.18	0.00174	0.00253
DC1_0236 (DC)	565990.67	4222317.78	5.20E-04	4.60E-04	1.83E-07	0.00098	0.18	0.00184	0.00282
DC1_0253 (DC)	566000.67	4222297.78	5.10E-04	5.70E-04	1.83E-07	0.00108	0.18	0.00186	0.00294
DC1_0046 (DC)	565870.67	4222367.78	5.40E-04	2.30E-04	1.83E-07	0.00077	0.18	0.00174	0.00251
DC1_0178 (DC)	565960.67	4222337.78	5.30E-04	3.40E-04	1.83E-07	0.00087	0.18	0.00178	0.00265
DC1_0125 (DC)	565930.67	4222347.78	5.30E-04	2.80E-04	1.81E-07	0.00081	0.18	0.00175	0.00256
DC1_0109 (DC)	565920.67	4222347.78	5.30E-04	2.70E-04	1.81E-07	0.00080	0.18	0.00172	0.00252
DC1_0197 (DC)	565970.67	4222327.78	5.20E-04	3.60E-04	1.80E-07	0.00088	0.18	0.00176	0.00264
DC1_0068 (DC)	565890.67	4222357.78	5.30E-04	2.40E-04	1.80E-07	0.00077	0.18	0.00172	0.00249
DC1_0056 (DC)	565880.67	4222357.78	5.30E-04	2.30E-04	1.80E-07	0.00076	0.18	0.00169	0.00245
DC1_0159 (DC)	565950.67	4222337.78	5.20E-04	3.10E-04	1.79E-07	0.00083	0.18	0.00174	0.00257
DC1_0141 (DC)	565940.67	4222337.78	5.20E-04	2.90E-04	1.78E-07	0.00081	0.18	0.00171	0.00252
DC1_0216 (DC)	565980.67	4222317.78	5.10E-04	4.00E-04	1.78E-07	0.00091	0.18	0.00176	0.00267
DC1_0094 (DC)	565910.67	4222347.78	5.20E-04	2.50E-04	1.77E-07	0.00077	0.18	0.00169	0.00246
DC1_0080 (DC)	565900.67	4222347.78	5.20E-04	2.40E-04	1.77E-07	0.00076	0.18	0.00167	0.00243
DC1_0235 (DC)	565990.67	4222307.78	5.00E-04	4.60E-04	1.77E-07	0.00096	0.18	0.00178	0.00274
DC1_0177 (DC)	565960.67	4222327.78	5.10E-04	3.30E-04	1.76E-07	0.00084	0.18	0.00172	0.00256
DC1_0124 (DC)	565930.67	4222337.78	5.10E-04	2.70E-04	1.74E-07	0.00078	0.17	0.00168	0.00246
DC1_0196 (DC)	565970.67	4222317.78	5.00E-04	3.60E-04	1.74E-07	0.00086	0.17	0.00170	0.00256
DC1_0067 (DC)	565890.67	4222347.78	5.10E-04	2.30E-04	1.73E-07	0.00074	0.17	0.00165	0.00239
DC1_0252 (DC)	566000.67	4222287.78	4.80E-04	5.50E-04	1.73E-07	0.00103	0.17	0.00179	0.00282
DC1_0158 (DC)	565950.67	4222327.78	5.00E-04	3.00E-04	1.72E-07	0.00080	0.17	0.00168	0.00248
DC1_0215 (DC)	565980.67	4222307.78	4.90E-04	4.00E-04	1.72E-07	0.00089	0.17	0.00170	0.00259
DC1_0140 (DC)	565940.67	4222327.78	5.00E-04	2.80E-04	1.71E-07	0.00078	0.17	0.00164	0.00242
DC1_0108 (DC)	565920.67	4222337.78							

DC1_0123 (DC)	565930.67	4222327.78	4.90E-04	2.70E-04	1.68E-07	0.00076	0.17	0.00161	0.00237
DC1_0195 (DC)	565970.67	4222307.78	4.80E-04	3.50E-04	1.67E-07	0.00083	0.17	0.00163	0.00246
DC1_0079 (DC)	565900.67	4222337.78	4.90E-04	2.30E-04	1.67E-07	0.00072	0.17	0.00160	0.00232
DC1_0157 (DC)	565950.67	4222317.78	4.80E-04	3.00E-04	1.65E-07	0.00078	0.17	0.00161	0.00239
DC1_0214 (DC)	565980.67	4222297.78	4.70E-04	3.80E-04	1.64E-07	0.00085	0.16	0.00163	0.00248
DC1_0107 (DC)	565920.67	4222327.78	4.80E-04	2.50E-04	1.64E-07	0.00073	0.16	0.00159	0.00232
DC1_0092 (DC)	565910.67	4222327.78	4.80E-04	2.40E-04	1.64E-07	0.00072	0.16	0.00156	0.00228
DC1_0233 (DC)	565990.67	4222287.78	4.60E-04	4.40E-04	1.63E-07	0.00090	0.16	0.00165	0.00255
DC1_0175 (DC)	565960.67	4222307.78	4.70E-04	3.10E-04	1.62E-07	0.00078	0.16	0.00159	0.00237
DC1_0139 (DC)	565940.67	4222317.78	4.70E-04	2.80E-04	1.62E-07	0.00075	0.16	0.00158	0.00233
DC1_0251 (DC)	566000.67	4222277.78	4.50E-04	5.00E-04	1.62E-07	0.00095	0.16	0.00168	0.00263
DC1_0122 (DC)	565930.67	4222317.78	4.70E-04	2.60E-04	1.61E-07	0.00073	0.16	0.00155	0.00228
DC1_0194 (DC)	565970.67	4222297.78	4.60E-04	3.40E-04	1.60E-07	0.00080	0.16	0.00157	0.00237
DC1_0156 (DC)	565950.67	4222307.78	4.60E-04	2.90E-04	1.59E-07	0.00075	0.16	0.00155	0.00230
DC1_0138 (DC)	565940.67	4222307.78	4.60E-04	2.70E-04	1.58E-07	0.00073	0.16	0.00152	0.00225
DC1_0213 (DC)	565980.67	4222287.78	4.50E-04	3.70E-04	1.58E-07	0.00082	0.16	0.00156	0.00238
DC1_0106 (DC)	565920.67	4222317.78	4.60E-04	2.40E-04	1.57E-07	0.00070	0.16	0.00152	0.00222
DC1_0174 (DC)	565960.67	4222297.78	4.50E-04	3.00E-04	1.56E-07	0.00075	0.16	0.00152	0.00227
DC1_0232 (DC)	565990.67	4222277.78	4.40E-04	4.00E-04	1.55E-07	0.00084	0.16	0.00156	0.00240
DC1_0121 (DC)	565930.67	4222307.78	4.50E-04	2.50E-04	1.54E-07	0.00070	0.15	0.00149	0.00219
DC1_0193 (DC)	565970.67	4222287.78	4.40E-04	3.20E-04	1.53E-07	0.00076	0.15	0.00151	0.00227
DC1_0155 (DC)	565950.67	4222297.78	4.40E-04	2.80E-04	1.52E-07	0.00072	0.15	0.00149	0.00221
DC1_0137 (DC)	565940.67	4222297.78	4.40E-04	2.60E-04	1.51E-07	0.00070	0.15	0.00146	0.00216
DC1_0212 (DC)	565980.67	4222277.78	4.30E-04	3.50E-04	1.51E-07	0.00078	0.15	0.00149	0.00227
DC1_0173 (DC)	565960.67	4222287.78	4.30E-04	2.90E-04	1.49E-07	0.00072	0.15	0.00146	0.00218
DC1_0192 (DC)	565970.67	4222277.78	4.20E-04	3.10E-04	1.46E-07	0.00073	0.15	0.00144	0.00217
DC1_0154 (DC)	565950.67	4222287.78	4.20E-04	2.70E-04	1.45E-07	0.00069	0.14	0.00143	0.00212
DC1_0231 (DC)	565990.67	4222267.78	4.10E-04	3.70E-04	1.45E-07	0.00078	0.14	0.00147	0.00225
DC1_0211 (DC)	565980.67	4222267.78	4.10E-04	3.20E-04	1.43E-07	0.00073	0.14	0.00142	0.00215
DC1_0172 (DC)	565960.67	4222277.78	4.10E-04	2.80E-04	1.42E-07	0.00069	0.14	0.00140	0.00209
DC1_0191 (DC)	565970.67	4222267.78	4.00E-04	2.90E-04	1.39E-07	0.00069	0.14	0.00138	0.00207
DC3_0001 (DC)	566237.43	4222236.82	3.30E-04	1.40E-04	1.12E-07	0.00047	0.11	0.00106	0.00153
Off-site Elementary School Receptors									
ES1_0155 (ES)	566345.91	4222722.01	4.18E-02	2.56E-03	2.49E-06	0.04433	2.49	0.11897	0.16330
ES1_0141 (ES)	566335.91	4222732.01	4.12E-02	2.81E-03	2.46E-06	0.04399	2.46	0.11766	0.16165
ES1_0127 (ES)	566325.91	4222742.01	4.01E-02	3.11E-03	2.40E-06	0.04323	2.40	0.11513	0.15836
ES1_0113 (ES)	566315.91	4222752.01	3.90E-02	3.51E-03	2.33E-06	0.04249	2.33	0.11256	0.15505
ES1_0099 (ES)	566305.91	4222762.01	3.73E-02	4.13E-03	2.23E-06	0.04138	2.23	0.10864	0.15002
ES1_0169 (ES)	566355.91	4222722.01	3.58E-02	2.21E-03	2.14E-06	0.03804	2.14	0.10211	0.14015
ES1_0156 (ES)	566345.91	4222732.01	3.55E-02	2.44E-03	2.12E-06	0.03791	2.12	0.10142	0.13933
ES1_0142 (ES)	566335.91	4222742.01	3.44E-02	2.69E-03	2.06E-06	0.03712	2.06	0.09885	0.13597
ES1_0085 (ES)	566295.91	4222772.01	3.38E-02	5.09E-03	2.03E-06	0.03884	2.03	0.10031	0.13915
ES1_0128 (ES)	566325.91	4222752.01	3.33E-02	3.03E-03	1.99E-06	0.03636	1.99	0.09628	0.13264
ES1_0114 (ES)	566315.91	4222762.01	3.22E-02	3.52E-03	1.93E-06	0.03568	1.93	0.09375	0.12943
ES1_0170 (ES)	566355.91	4222732.01	3.09E-02	2.17E-03	1.84E-06	0.03306	1.84	0.08837	0.12143
ES1_0100 (ES)	566305.91	4222772.01	3.02E-02	4.25E-03	1.82E-06	0.03449	1.82	0.08946	0.12395
ES1_0157 (ES)	566345.91	4222742.01	3.02E-02	2.39E-03	1.81E-06	0.03261	1.81	0.08681	0.11942
ES1_0143 (ES)	566335.91	4222752.01	2.92E-02	2.66E-03	1.75E-06	0.03185	1.75	0.08434	0.11619
ES1_0129 (ES)	566325.91	4222762.01	2.83E-02	3.05E-03	1.70E-06	0.03136	1.70	0.08244	0.11380
ES1_0071 (ES)	566285.91	4222782.01	2.72E-02	6.57E-03	1.64E-06	0.03373	1.64	0.08417	0.11790
ES1_0115 (ES)	566315.91	4222772.01	2.71E-02	3.61E-03	1.62E-06	0.03068	1.62	0.07982	0.11050
ES1_0182 (ES)	566365.91	4222732.01	2.71E-02	1.93E-03	1.62E-06	0.02899	1.62	0.07747	0.10646
ES1_0171 (ES)	566355.91	4222742.01	2.68E-02	2.15E-03	1.60E-06	0.02890	1.60	0.07690	0.10580
ES1_0086 (ES)	566295.91	4222782.01	2.61E-02	5.34E-03	1.58E-06	0.03144	1.58	0.07956	0.11100
ES1_0158 (ES)	566345.91	4222752.01	2.61E-02	2.38E-03	1.56E-06	0.02849	1.56	0.07544	0.10393
ES1_0144 (ES)	566335.91	4222762.01	2.53E-02	2.68E-03	1.51E-06	0.02796	1.51	0.07357	0.10153
ES1_0101 (ES)	566305.91	4222782.01	2.46E-02	4.45E-03	1.48E-06	0.02901	1.48	0.07408	0.10309
ES1_0130 (ES)	566325.91	4222772.01	2.44E-02	3.13E-03	1.46E-06	0.02753	1.46	0.07179	0.09932
ES1_0183 (ES)	566365.91	4222742.01	2.39E-02	1.93E-03	1.43E-06	0.02582	1.43	0.06870	0.09452
ES1_0172 (ES)	566355.91	4222752.01	2.36E-02	2.14E-03	1.41E-06	0.02573	1.41	0.06815	0.09388
ES1_0159 (ES)	566345.91	4222762.01	2.30E-02	2.40E-03	1.38E-06	0.02540	1.38	0.06689	0.09229
ES1_0116 (ES)	566315.91	4222782.01	2.27E-02	3.77E-03	1.36E-06	0.02642	1.36	0.06786	0.09428
ES1_0145 (ES)	566335.91	4222772.01	2.22E-02	2.75E-03	1.33E-06	0.02497	1.33	0.06522	0.09019
ES1_0184 (ES)	566365.91	4222752.01	2.14E-02	1.94E-03	1.28E-06	0.02336	1.28	0.06189	0.08525
ES1_0193 (ES)	566375.91	4222742.01	2.14E-02	1.74E-03	1.28E-06	0.02317	1.28	0.06164	0.08481
ES1_0173 (ES)	566355.91	4222762.01	2.11E-02	2.16E-03	1.26E-06	0.02323	1.26	0.06122	0.08445
ES1_0131 (ES)	566325.91	4222782.01	2.09E-02	3.25E-03	1.26E-06	0.02418	1.26	0.06237	0.08655
ES1_0072 (ES)	566285.91	4222792.01	2.04E-02	6.93E-03	1.24E-06	0.02731	1.24	0.06603	0.09334
ES1_0087 (ES)	566295.91	4222792.01	2.04E-02	5.62E-03	1.24E-06	0.02602	1.24	0.06424	0.09026
ES1_0160 (ES)	566345.91	4222772.01	2.05E-02	2.45E-03	1.23E-06	0.02290	1.23	0.05992	0.08282
ES1_0102 (ES)	566305.91	4222792.01	1.98E-02	4.67E-03	1.20E-06	0.02450	1.20	0.06135	0.08585
ES1_0057 (ES)	566275.91	4222792.01	1.94E-02	8.71E-03	1.20E-06	0.02813	1.20	0.06580	0.09393
ES1_0146 (ES)	566335.91	4222782.01	1.94E-02	2.84E-03	1.17E-06	0.02225	1.17	0.05761	0.07986
ES1_0194 (ES)	566375.91	4222752.01	1.94E-02	1.75E-03	1.16E-06	0.02118	1.16	0.05613	0.07731
ES1_0185 (ES)	566365.91	4222762.01	1.93E-02	1.96E-03	1.16E-06	0.02130	1.16	0.05616	0.07746
ES1_0117 (ES)	566315.91	4222792.01	1.89E-02	3.94E-03	1.14E-06	0.02281	1.14	0.05766	0.08047
ES1_0174 (ES)	566355.91	4222772.01	1.89E-02	2.20E-03	1.13E-06	0.02110	1.13	0.05529	0.07639
ES1_0161 (ES)	566345.91	4222782.01	1.81E-02	2.52E-03	1.09E-06	0.02060	1.09	0.05346	0.07406
ES1_0132 (ES)	566325.91	4222792.01	1.79E-02	3.39E-03	1.08E-06	0.02127	1.08	0.05413	0.07540
ES1_0195 (ES)	566375.91	4222762.01	1.77E-02	1.77E-03	1.06E-06	0.01948	1.06	0.05140	0.07088
ES1_0202 (ES)	566385.91	4222752.01	1.77E-02	1.59E-03	1.06E-06	0.01931	1.06	0.05119	0.07050
ES1_0186 (ES)	566365.91	4222772.01	1.75E-02	1.99E-03	1.05E-06	0.01949	1.05	0.05111	0.07060
ES1_0147 (ES)	566335.91	4222792.01	1.69E-02	2.95E-03	1.02E-06	0.01984	1.02	0.05081	0.07065
ES1_0175 (ES)	566355.91	4222782.01	1.69E-02	2.26E-03	1.01E-06	0.01913	1.01	0.04974	0.06887
ES1_0203 (ES)	566385.91	4222762.01	1.63E-02	1.61E-03	9.73E-07	0.01787	0.97	0.04716	0.06503
ES1_0196 (ES)	566375.91	4222772.01	1.62E-02	1.80E-03	9.67E-07	0.01795	0.97	0.04712	0.06507
ES1_0162 (ES)	566345.91	4222792.01	1.59E-02	2.61E-03	9.59E-07	0.01855	0.96	0.04767	0.06622
ES1_0088 (ES)	566295.91	4222802.01	1.56E-02	5.81E-03	9.57E-07	0.02145	0.96	0.05136	0.07281
ES1_0103 (ES)	566305.91	4222802.01	1.57E-02	4.84E-03	9.57E-07	0.02056	0.96	0.05023	0.07079
ES1_0187 (ES)	566365.91	4222782.01	1.57E-02	2.03E-03	9.44E-07	0.01777	0.94	0.04633	0.06410
ES1_0118 (ES)	566315.91	4222802.01	1.55E-02	4.09E-03	9.38E-07	0.01956	0.94	0.04848	0.06804
ES1_0073 (ES)	566285.91	4222802.01	1.51E-02	7.11E-03	9.31E-07	0.02221	0.93	0.05172	0.07393
ES1_0133 (ES)	566325.91	4222802.01	1.51E-02	3.50E-03	9.10E-07	0.01855	0.91	0.04650	0.06505
ES1_0176 (ES)	566355.91	4222792.01	1.50E-02	2.32E-03	9.03E-07	0.01735	0.90	0.0447	

ES1_0058 (ES)	566275.91	4222802.01	1.39E-02	8.85E-03	8.71E-07	0.02278	0.87	0.05091	0.07369
ES1_0188 (ES)	566365.91	4222792.01	1.42E-02	2.09E-03	8.51E-07	0.01626	0.85	0.04206	0.05832
ES1_0163 (ES)	566345.91	4222802.01	1.39E-02	2.68E-03	8.39E-07	0.01660	0.84	0.04220	0.05880
ES1_0210 (ES)	566395.91	4222772.01	1.38E-02	1.50E-03	8.25E-07	0.01527	0.82	0.04013	0.05540
ES1_0205 (ES)	566385.91	4222782.01	1.37E-02	1.67E-03	8.18E-07	0.01532	0.82	0.04004	0.05536
ES1_0177 (ES)	566355.91	4222802.01	1.33E-02	2.38E-03	8.01E-07	0.01568	0.80	0.04006	0.05574
ES1_0043 (ES)	566265.91	4222802.01	1.25E-02	1.14E-02	8.00E-07	0.02395	0.80	0.05063	0.07458
ES1_0198 (ES)	566375.91	4222792.01	1.33E-02	1.87E-03	8.00E-07	0.01519	0.80	0.03941	0.05460
ES1_0119 (ES)	566315.91	4222812.01	1.26E-02	4.18E-03	7.67E-07	0.01676	0.77	0.04063	0.05739
ES1_0214 (ES)	566405.91	4222772.01	1.28E-02	1.38E-03	7.65E-07	0.01415	0.76	0.03718	0.05133
ES1_0211 (ES)	566395.91	4222782.01	1.27E-02	1.53E-03	7.64E-07	0.01427	0.76	0.03730	0.05157
ES1_0134 (ES)	566325.91	4222812.01	1.26E-02	3.60E-03	7.63E-07	0.01616	0.76	0.03975	0.05591
ES1_0189 (ES)	566365.91	4222802.01	1.27E-02	2.13E-03	7.63E-07	0.01481	0.76	0.03800	0.05281
ES1_0104 (ES)	566305.91	4222812.01	1.24E-02	4.91E-03	7.60E-07	0.01731	0.76	0.04115	0.05846
ES1_0206 (ES)	566385.91	4222792.01	1.25E-02	1.71E-03	7.51E-07	0.01423	0.75	0.03696	0.05119
ES1_0149 (ES)	566335.91	4222812.01	1.24E-02	3.15E-03	7.50E-07	0.01553	0.75	0.03860	0.05413
ES1_0089 (ES)	566295.91	4222812.01	1.20E-02	5.86E-03	7.41E-07	0.01786	0.74	0.04139	0.05925
ES1_0164 (ES)	566345.91	4222812.01	1.21E-02	2.77E-03	7.29E-07	0.01483	0.73	0.03717	0.05200
ES1_0199 (ES)	566375.91	4222802.01	1.21E-02	1.93E-03	7.25E-07	0.01398	0.72	0.03598	0.04996
ES1_0215 (ES)	566405.91	4222782.01	1.19E-02	1.41E-03	7.14E-07	0.01332	0.71	0.03485	0.04817
ES1_0074 (ES)	566285.91	4222812.01	1.13E-02	7.04E-03	7.08E-07	0.01838	0.71	0.04123	0.05961
ES1_0212 (ES)	566395.91	4222792.01	1.18E-02	1.57E-03	7.06E-07	0.01334	0.71	0.03469	0.04803
ES1_0178 (ES)	566355.91	4222812.01	1.17E-02	2.46E-03	7.05E-07	0.01414	0.71	0.03569	0.04983
ES1_0207 (ES)	566385.91	4222802.01	1.14E-02	1.75E-03	6.88E-07	0.01319	0.69	0.03404	0.04723
ES1_0190 (ES)	566365.91	4222812.01	1.13E-02	2.19E-03	6.80E-07	0.01346	0.68	0.03419	0.04765
ES1_0217 (ES)	566415.91	4222782.01	1.11E-02	1.31E-03	6.67E-07	0.01244	0.67	0.03255	0.04499
ES1_0216 (ES)	566405.91	4222792.01	1.11E-02	1.44E-03	6.65E-07	0.01253	0.67	0.03263	0.04516
ES1_0059 (ES)	566275.91	4222812.01	1.05E-02	8.49E-03	6.64E-07	0.01897	0.66	0.04088	0.05985
ES1_0200 (ES)	566375.91	4222812.01	1.08E-02	1.98E-03	6.53E-07	0.01282	0.65	0.03270	0.04552
ES1_0213 (ES)	566395.91	4222802.01	1.09E-02	1.61E-03	6.52E-07	0.01246	0.65	0.03220	0.04466
ES1_0031 (ES)	566255.91	4222812.01	9.79E-03	1.29E-02	6.45E-07	0.02267	0.64	0.04517	0.06784
ES1_0044 (ES)	566265.91	4222812.01	9.91E-03	1.04E-02	6.40E-07	0.02031	0.64	0.04199	0.06230
ES1_0135 (ES)	566325.91	4222822.01	1.05E-02	3.68E-03	6.39E-07	0.01414	0.64	0.03405	0.04819
ES1_0150 (ES)	566335.91	4222822.01	1.05E-02	3.22E-03	6.39E-07	0.01371	0.64	0.03348	0.04719
ES1_0120 (ES)	566315.91	4222822.01	1.03E-02	4.24E-03	6.32E-07	0.01453	0.63	0.03435	0.04888
ES1_0165 (ES)	566345.91	4222822.01	1.04E-02	2.83E-03	6.30E-07	0.01321	0.63	0.03263	0.04584
ES1_0208 (ES)	566385.91	4222812.01	1.04E-02	1.80E-03	6.26E-07	0.01220	0.63	0.03122	0.04342
ES1_0179 (ES)	566355.91	4222822.01	1.02E-02	2.52E-03	6.18E-07	0.01272	0.62	0.03167	0.04439
ES1_0105 (ES)	566305.91	4222822.01	9.94E-03	4.91E-03	6.14E-07	0.01485	0.61	0.03435	0.04920
ES1_0191 (ES)	566365.91	4222822.01	9.96E-03	2.26E-03	6.02E-07	0.01222	0.60	0.03065	0.04287
ES1_0090 (ES)	566295.91	4222822.01	9.48E-03	5.75E-03	5.91E-07	0.01523	0.59	0.03426	0.04949
ES1_0201 (ES)	566375.91	4222822.01	9.69E-03	2.04E-03	5.85E-07	0.01173	0.59	0.02960	0.04133
ES1_0021 (ES)	566245.91	4222822.01	8.57E-03	1.30E-02	5.73E-07	0.02159	0.57	0.04196	0.06355
ES1_0075 (ES)	566285.91	4222822.01	8.93E-03	6.74E-03	5.63E-07	0.01567	0.56	0.03414	0.04981
ES1_0032 (ES)	566255.91	4222822.01	8.31E-03	1.09E-02	5.47E-07	0.01924	0.55	0.03831	0.05755
ES1_0151 (ES)	566335.91	4222832.01	8.88E-03	3.26E-03	5.43E-07	0.01214	0.54	0.02907	0.04121
ES1_0166 (ES)	566345.91	4222832.01	8.91E-03	2.89E-03	5.43E-07	0.01180	0.54	0.02863	0.04043
ES1_0180 (ES)	566355.91	4222832.01	8.86E-03	2.58E-03	5.39E-07	0.01144	0.54	0.02806	0.03950
ES1_0060 (ES)	566275.91	4222822.01	8.41E-03	7.85E-03	5.38E-07	0.01626	0.54	0.03427	0.05053
ES1_0136 (ES)	566325.91	4222832.01	8.74E-03	3.70E-03	5.37E-07	0.01244	0.54	0.02931	0.04175
ES1_0045 (ES)	566265.91	4222822.01	8.23E-03	9.22E-03	5.34E-07	0.01745	0.53	0.03569	0.05314
ES1_0192 (ES)	566365.91	4222832.01	8.76E-03	2.32E-03	5.31E-07	0.01108	0.53	0.02741	0.03849
ES1_0121 (ES)	566315.91	4222832.01	8.50E-03	4.21E-03	5.25E-07	0.01271	0.53	0.02936	0.04207
ES1_0013 (ES)	566235.91	4222832.01	7.54E-03	1.28E-02	5.11E-07	0.02030	0.51	0.03866	0.05896
ES1_0106 (ES)	566305.91	4222832.01	8.15E-03	4.82E-03	5.08E-07	0.01297	0.51	0.02925	0.04222
ES1_0022 (ES)	566245.91	4222832.01	7.32E-03	1.09E-02	4.89E-07	0.01822	0.49	0.03547	0.05369
ES1_0091 (ES)	566295.91	4222832.01	7.75E-03	5.52E-03	4.87E-07	0.01327	0.49	0.02914	0.04241
ES1_0033 (ES)	566255.91	4222832.01	7.13E-03	9.34E-03	4.70E-07	0.01647	0.47	0.03276	0.04923
ES1_0181 (ES)	566355.91	4222842.01	7.69E-03	2.62E-03	4.69E-07	0.01031	0.47	0.02485	0.03516
ES1_0076 (ES)	566285.91	4222832.01	7.36E-03	6.30E-03	4.68E-07	0.01366	0.47	0.02917	0.04283
ES1_0167 (ES)	566345.91	4222842.01	7.64E-03	2.92E-03	4.68E-07	0.01056	0.47	0.02515	0.03571
ES1_0152 (ES)	566335.91	4222842.01	7.53E-03	3.26E-03	4.63E-07	0.01079	0.46	0.02534	0.03613
ES1_0046 (ES)	566265.91	4222832.01	7.03E-03	8.14E-03	4.58E-07	0.01517	0.46	0.03082	0.04599
ES1_0061 (ES)	566275.91	4222832.01	7.08E-03	7.13E-03	4.56E-07	0.01421	0.46	0.02953	0.04374
ES1_0137 (ES)	566325.91	4222842.01	7.35E-03	3.67E-03	4.54E-07	0.01102	0.45	0.02540	0.03642
ES1_0007 (ES)	566225.91	4222842.01	6.60E-03	1.21E-02	4.52E-07	0.01869	0.45	0.03499	0.05368
ES1_0122 (ES)	566315.91	4222842.01	7.10E-03	4.13E-03	4.42E-07	0.01123	0.44	0.02537	0.03660
ES1_0014 (ES)	566235.91	4222842.01	6.45E-03	1.05E-02	4.35E-07	0.01695	0.43	0.03240	0.04935
ES1_0107 (ES)	566305.91	4222842.01	6.81E-03	4.64E-03	4.27E-07	0.01145	0.43	0.02528	0.03673
ES1_0023 (ES)	566245.91	4222842.01	6.31E-03	9.21E-03	4.20E-07	0.01552	0.42	0.03025	0.04577
ES1_0092 (ES)	566295.91	4222842.01	6.51E-03	5.21E-03	4.12E-07	0.01172	0.41	0.02525	0.03697
ES1_0034 (ES)	566255.91	4222842.01	6.18E-03	8.12E-03	4.07E-07	0.01430	0.41	0.02839	0.04269
ES1_0168 (ES)	566345.91	4222852.01	6.58E-03	2.91E-03	4.05E-07	0.00949	0.40	0.02218	0.03167
ES1_0077 (ES)	566285.91	4222842.01	6.26E-03	5.81E-03	4.00E-07	0.01207	0.40	0.02541	0.03748
ES1_0047 (ES)	566265.91	4222842.01	6.10E-03	7.20E-03	3.98E-07	0.01330	0.40	0.02690	0.04020
ES1_0153 (ES)	566335.91	4222852.01	6.43E-03	3.23E-03	3.98E-07	0.00966	0.40	0.02220	0.03186
ES1_0062 (ES)	566275.91	4222842.01	6.10E-03	6.44E-03	3.94E-07	0.01254	0.39	0.02584	0.03838
ES1_0003 (ES)	566215.91	4222852.01	5.71E-03	1.08E-02	3.93E-07	0.01652	0.39	0.03052	0.04704
ES1_0138 (ES)	566325.91	4222852.01	6.24E-03	3.58E-03	3.88E-07	0.00982	0.39	0.02217	0.03199
ES1_0008 (ES)	566225.91	4222852.01	5.64E-03	9.61E-03	3.82E-07	0.01525	0.38	0.02874	0.04399
ES1_0123 (ES)	566315.91	4222852.01	6.01E-03	3.97E-03	3.76E-07	0.00998	0.38	0.02211	0.03209
ES1_0015 (ES)	566235.91	4222852.01	5.56E-03	8.63E-03	3.73E-07	0.01419	0.37	0.02725	0.04144
ES1_0108 (ES)	566305.91	4222852.01	5.78E-03	4.39E-03	3.65E-07	0.01017	0.36	0.02206	0.03223
ES1_0024 (ES)	566245.91	4222852.01	5.49E-03	7.82E-03	3.65E-07	0.01331	0.36	0.02597	0.03928
ES1_0035 (ES)	566255.91	4222852.01	5.41E-03	7.05E-03	3.56E-07	0.01246	0.36	0.02470	0.03716
ES1_0093 (ES)	566295.91	4222852.01	5.58E-03	4.83E-03	3.55E-07	0.01041	0.36	0.02211	0.03252
ES1_0048 (ES)	566265.91	4222852.01	5.35E-03	6.36E-03	3.49E-07	0.01171	0.35	0.02359	0.03530
ES1_0078 (ES)	566285.91	4222852.01	5.42E-03	5.30E-03	3.48E-07	0.01072	0.35	0.02233	0.03305
ES1_0063 (ES)	566275.91	4222852.01	5.34E-03	5.78E-03	3.46E-07	0.01112	0.35	0.02276	0.03388
ES1_0154 (ES)	566335.91	4222862.01	5.52E-03	3.13E-03	3.43E-07	0.00865	0.34	0.01956	0.02821
ES1_0139 (ES)	566325.91	4222862.01	5.34E-03	3.43E-03	3.34E-07	0.00877	0.33	0.01948	0.02825
ES1_0001 (ES)	566205.91	4222862.01	4.87E-03	8.47E-03	3.31E-07	0.01334	0.33	0.02453	0.03787
ES1_0004 (ES)	566215.91	4222862.01	4.86E-03	8.08E-03	3.29E-07	0.01294	0.33	0.02417	0.03711
ES1_0009 (ES)	566225.91	4222862.01	4.85E-03	7.60E-03	3.26E-0				

ES1_0036 (ES)	566255.91	4222862.01	4.75E-03	6.09E-03	3.12E-07	0.01084	0.31	0.02146	0.03230
ES1_0094 (ES)	566295.91	4222862.01	4.84E-03	4.43E-03	3.09E-07	0.00927	0.31	0.01949	0.02876
ES1_0049 (ES)	566265.91	4222862.01	4.71E-03	5.60E-03	3.07E-07	0.01031	0.31	0.02071	0.03102
ES1_0079 (ES)	566285.91	4222862.01	4.75E-03	4.79E-03	3.06E-07	0.00954	0.31	0.01972	0.02926
ES1_0064 (ES)	566275.91	4222862.01	4.70E-03	5.17E-03	3.05E-07	0.00987	0.30	0.02009	0.02996
ES1_0140 (ES)	566325.91	4222872.01	4.63E-03	3.25E-03	2.91E-07	0.00788	0.29	0.01723	0.02511
ES1_0125 (ES)	566315.91	4222872.01	4.48E-03	3.51E-03	2.83E-07	0.00799	0.28	0.01716	0.02515
ES1_0017 (ES)	566235.91	4222872.01	4.21E-03	5.80E-03	2.79E-07	0.01001	0.28	0.01932	0.02933
ES1_0010 (ES)	566225.91	4222872.01	4.19E-03	6.00E-03	2.78E-07	0.01019	0.28	0.01941	0.02960
ES1_0026 (ES)	566245.91	4222872.01	4.21E-03	5.54E-03	2.77E-07	0.00975	0.28	0.01906	0.02881
ES1_0005 (ES)	566215.91	4222872.01	4.16E-03	6.09E-03	2.77E-07	0.01025	0.28	0.01928	0.02953
ES1_0110 (ES)	566305.91	4222872.01	4.34E-03	3.77E-03	2.76E-07	0.00811	0.28	0.01715	0.02526
ES1_0002 (ES)	566205.91	4222872.01	4.14E-03	5.97E-03	2.75E-07	0.01011	0.28	0.01878	0.02889
ES1_0037 (ES)	566255.91	4222872.01	4.19E-03	5.20E-03	2.74E-07	0.00939	0.27	0.01860	0.02799
ES1_0095 (ES)	566295.91	4222872.01	4.25E-03	4.04E-03	2.72E-07	0.00829	0.27	0.01725	0.02554
ES1_0050 (ES)	566265.91	4222872.01	4.17E-03	4.88E-03	2.72E-07	0.00905	0.27	0.01814	0.02719
ES1_0080 (ES)	566285.91	4222872.01	4.19E-03	4.31E-03	2.70E-07	0.00850	0.27	0.01746	0.02596
ES1_0065 (ES)	566275.91	4222872.01	4.16E-03	4.59E-03	2.70E-07	0.00875	0.27	0.01774	0.02649
ES1_0126 (ES)	566315.91	4222882.01	3.92E-03	3.25E-03	2.49E-07	0.00717	0.25	0.01524	0.02241
ES1_0111 (ES)	566305.91	4222882.01	3.82E-03	3.45E-03	2.44E-07	0.00727	0.24	0.01522	0.02249
ES1_0027 (ES)	566245.91	4222882.01	3.69E-03	4.59E-03	2.42E-07	0.00828	0.24	0.01618	0.02446
ES1_0038 (ES)	566255.91	4222882.01	3.69E-03	4.41E-03	2.41E-07	0.00810	0.24	0.01601	0.02411
ES1_0096 (ES)	566295.91	4222882.01	3.75E-03	3.65E-03	2.41E-07	0.00740	0.24	0.01530	0.02270
ES1_0018 (ES)	566235.91	4222882.01	3.66E-03	4.72E-03	2.41E-07	0.00838	0.24	0.01617	0.02455
ES1_0051 (ES)	566265.91	4222882.01	3.68E-03	4.23E-03	2.39E-07	0.00791	0.24	0.01581	0.02372
ES1_0081 (ES)	566285.91	4222882.01	3.71E-03	3.85E-03	2.39E-07	0.00756	0.24	0.01544	0.02300
ES1_0011 (ES)	566225.91	4222882.01	3.63E-03	4.76E-03	2.39E-07	0.00839	0.24	0.01597	0.02436
ES1_0066 (ES)	566275.91	4222882.01	3.69E-03	4.04E-03	2.39E-07	0.00773	0.24	0.01560	0.02333
ES1_0006 (ES)	566215.91	4222882.01	3.61E-03	4.72E-03	2.38E-07	0.00833	0.24	0.01561	0.02394
ES1_0112 (ES)	566305.91	4222892.01	3.38E-03	3.14E-03	2.16E-07	0.00652	0.22	0.01354	0.02006
ES1_0097 (ES)	566295.91	4222892.01	3.33E-03	3.29E-03	2.14E-07	0.00662	0.21	0.01358	0.02020
ES1_0082 (ES)	566285.91	4222892.01	3.30E-03	3.43E-03	2.13E-07	0.00673	0.21	0.01363	0.02036
ES1_0067 (ES)	566275.91	4222892.01	3.27E-03	3.55E-03	2.12E-07	0.00682	0.21	0.01369	0.02051
ES1_0052 (ES)	566265.91	4222892.01	3.25E-03	3.66E-03	2.11E-07	0.00691	0.21	0.01374	0.02065
ES1_0039 (ES)	566255.91	4222892.01	3.24E-03	3.75E-03	2.11E-07	0.00699	0.21	0.01376	0.02075
ES1_0028 (ES)	566245.91	4222892.01	3.23E-03	3.82E-03	2.11E-07	0.00705	0.21	0.01372	0.02077
ES1_0019 (ES)	566235.91	4222892.01	3.21E-03	3.86E-03	2.10E-07	0.00707	0.21	0.01356	0.02063
ES1_0012 (ES)	566225.91	4222892.01	3.19E-03	3.88E-03	2.09E-07	0.00707	0.21	0.01332	0.02039
ES1_0098 (ES)	566295.91	4222902.01	2.97E-03	2.95E-03	1.91E-07	0.00592	0.19	0.01205	0.01797
ES1_0083 (ES)	566285.91	4222902.01	2.93E-03	3.04E-03	1.89E-07	0.00597	0.19	0.01204	0.01801
ES1_0068 (ES)	566275.91	4222902.01	2.91E-03	3.12E-03	1.88E-07	0.00603	0.19	0.01202	0.01805
ES1_0053 (ES)	566265.91	4222902.01	2.89E-03	3.19E-03	1.87E-07	0.00608	0.19	0.01197	0.01805
ES1_0040 (ES)	566255.91	4222902.01	2.87E-03	3.24E-03	1.86E-07	0.00611	0.19	0.01189	0.01800
ES1_0020 (ES)	566235.91	4222902.01	2.85E-03	3.35E-03	1.86E-07	0.00620	0.19	0.01163	0.01783
ES1_0029 (ES)	566245.91	4222902.01	2.85E-03	3.28E-03	1.85E-07	0.00613	0.19	0.01177	0.01790
ES1_0084 (ES)	566285.91	4222912.01	2.62E-03	2.72E-03	1.69E-07	0.00534	0.17	0.01065	0.01599
ES1_0069 (ES)	566275.91	4222912.01	2.59E-03	2.77E-03	1.67E-07	0.00536	0.17	0.01056	0.01592
ES1_0030 (ES)	566245.91	4222912.01	2.56E-03	2.96E-03	1.67E-07	0.00552	0.17	0.01030	0.01582
ES1_0054 (ES)	566265.91	4222912.01	2.57E-03	2.81E-03	1.66E-07	0.00538	0.17	0.01047	0.01585
ES1_0041 (ES)	566255.91	4222912.01	2.56E-03	2.87E-03	1.66E-07	0.00543	0.17	0.01037	0.01580
ES1_0042 (ES)	566255.91	4222922.01	2.31E-03	2.68E-03	1.50E-07	0.00499	0.15	0.00922	0.01421
ES1_0070 (ES)	566275.91	4222922.01	2.32E-03	2.50E-03	1.50E-07	0.00482	0.15	0.00933	0.01415
ES1_0055 (ES)	566265.91	4222922.01	2.31E-03	2.56E-03	1.50E-07	0.00487	0.15	0.00925	0.01412
ES1_0056 (ES)	566265.91	4222932.01	2.11E-03	2.45E-03	1.37E-07	0.00456	0.14	0.00834	0.01290
Off-site High School Receptors									
HS1_0345 (HS)	566274.12	4222604.33	1.58E-02	1.95E-03	8.19E-07	0.01774	0.82	0.04587	0.06361
HS1_0370 (HS)	566284.12	4222594.33	1.46E-02	1.76E-03	7.58E-07	0.01637	0.76	0.04240	0.05877
HS1_0344 (HS)	566274.12	4222594.33	1.24E-02	1.79E-03	6.43E-07	0.01416	0.64	0.03618	0.05034
HS1_0369 (HS)	566284.12	4222584.33	1.10E-02	1.61E-03	5.71E-07	0.01259	0.57	0.03212	0.04471
HS1_0319 (HS)	566264.12	4222594.33	1.09E-02	1.76E-03	5.66E-07	0.01263	0.57	0.03200	0.04463
HS1_0343 (HS)	566274.12	4222584.33	9.65E-03	1.55E-03	5.02E-07	0.01120	0.50	0.02839	0.03959
HS1_0393 (HS)	566294.12	4222574.33	9.05E-03	1.47E-03	4.71E-07	0.01052	0.47	0.02659	0.03711
HS1_0318 (HS)	566264.12	4222584.33	8.59E-03	1.56E-03	4.48E-07	0.01015	0.45	0.02545	0.03560
HS1_0368 (HS)	566284.12	4222574.33	8.23E-03	1.38E-03	4.29E-07	0.00961	0.43	0.02426	0.03387
HS1_0295 (HS)	566254.12	4222584.33	7.75E-03	1.61E-03	4.05E-07	0.00936	0.40	0.02319	0.03255
HS1_0342 (HS)	566274.12	4222574.33	7.44E-03	1.36E-03	3.88E-07	0.00880	0.39	0.02206	0.03086
HS1_0317 (HS)	566264.12	4222574.33	6.79E-03	1.39E-03	3.55E-07	0.00818	0.35	0.02029	0.02847
HS1_0416 (HS)	566304.12	4222564.33	6.70E-03	1.28E-03	3.50E-07	0.00798	0.35	0.01988	0.02786
HS1_0392 (HS)	566294.12	4222564.33	6.51E-03	1.23E-03	3.40E-07	0.00774	0.34	0.01931	0.02705
HS1_0294 (HS)	566254.12	4222574.33	6.28E-03	1.44E-03	3.29E-07	0.00772	0.33	0.01892	0.02664
HS1_0367 (HS)	566284.12	4222564.33	6.18E-03	1.21E-03	3.23E-07	0.00739	0.32	0.01838	0.02577
HS1_0272 (HS)	566244.12	4222574.33	5.87E-03	1.52E-03	3.08E-07	0.00739	0.31	0.01785	0.02524
HS1_0341 (HS)	566274.12	4222564.33	5.79E-03	1.21E-03	3.03E-07	0.00700	0.30	0.01732	0.02432
HS1_0316 (HS)	566264.12	4222564.33	5.44E-03	1.24E-03	2.85E-07	0.00668	0.28	0.01637	0.02305
HS1_0293 (HS)	566254.12	4222564.33	5.14E-03	1.29E-03	2.69E-07	0.00643	0.27	0.01558	0.02201
HS1_0438 (HS)	566314.12	4222554.33	5.10E-03	9.70E-04	2.66E-07	0.00607	0.27	0.01514	0.02121
HS1_0415 (HS)	566304.12	4222554.33	4.99E-03	1.03E-03	2.61E-07	0.00602	0.26	0.01491	0.02093
HS1_0391 (HS)	566294.12	4222554.33	4.93E-03	1.05E-03	2.58E-07	0.00598	0.26	0.01476	0.02074
HS1_0271 (HS)	566244.12	4222564.33	4.88E-03	1.36E-03	2.56E-07	0.00624	0.26	0.01492	0.02116
HS1_0366 (HS)	566284.12	4222554.33	4.78E-03	1.07E-03	2.50E-07	0.00585	0.25	0.01435	0.02020
HS1_0250 (HS)	566234.12	4222564.33	4.66E-03	1.46E-03	2.46E-07	0.00612	0.25	0.01442	0.02054
HS1_0340 (HS)	566274.12	4222554.33	4.61E-03	1.08E-03	2.41E-07	0.00569	0.24	0.01391	0.01960
HS1_0229 (HS)	566224.12	4222564.33	4.47E-03	1.60E-03	2.36E-07	0.00607	0.24	0.01402	0.02009
HS1_0315 (HS)	566264.12	4222554.33	4.43E-03	1.12E-03	2.32E-07	0.00555	0.23	0.01344	0.01899
HS1_0209 (HS)	566214.12	4222564.33	4.30E-03	1.80E-03	2.29E-07	0.00610	0.23	0.01374	0.01984
HS1_0292 (HS)	566254.12	4222554.33	4.25E-03	1.16E-03	2.23E-07	0.00541	0.22	0.01299	0.01840
HS1_0189 (HS)	566204.12	4222564.33	4.14E-03	2.08E-03	2.22E-07	0.00622	0.22	0.01356	0.01978
HS1_0169 (HS)	566194.12	4222564.33	3.99E-03	2.48E-03	2.16E-07	0.00647	0.22	0.01355	0.02002
HS1_0270 (HS)	566244.12	4222554.33	4.09E-03	1.22E-03	2.15E-07	0.00531	0.22	0.01259	0.01790
HS1_0150 (HS)	566184.12	4222564.33	3.85E-03	3.09E-03	2.11E-07	0.00694	0.21	0.01376	0.02070
HS1_0437 (HS)	566314.12	4222544.33	4.00E-03	8.50E-04	2.09E-07	0.00485	0.21	0.01200	0.01685
HS1_0249 (HS)	566234.12	4222554.33	3.96E-03	1.30E-03	2.09E-07	0.00526	0.21	0.01230	0.01756
HS1_0131 (HS)	566174.12	4222564.33	3.72E-03	4.04E-03	2.08E-07	0.00776	0.21	0.01434	0.02210
HS1_0414 (HS)	566304.12	4222544.33	3.96E-03	9.00E-04	2.07E-07	0.00486	0.21	0.0119	

HS1_0208 (HS)	566214.12	4222554.33	3.72E-03	1.54E-03	1.98E-07	0.00526	0.20	0.01187	0.01713
HS1_0314 (HS)	566264.12	4222544.33	3.68E-03	1.01E-03	1.93E-07	0.00469	0.19	0.01123	0.01592
HS1_0188 (HS)	566204.12	4222554.33	3.60E-03	1.72E-03	1.92E-07	0.00532	0.19	0.01172	0.01704
HS1_0168 (HS)	566194.12	4222554.33	3.50E-03	1.95E-03	1.88E-07	0.00545	0.19	0.01164	0.01709
HS1_0291 (HS)	566254.12	4222544.33	3.57E-03	1.05E-03	1.88E-07	0.00462	0.19	0.01099	0.01561
HS1_0149 (HS)	566184.12	4222554.33	3.39E-03	2.25E-03	1.84E-07	0.00564	0.18	0.01163	0.01727
HS1_0269 (HS)	566244.12	4222544.33	3.47E-03	1.10E-03	1.83E-07	0.00457	0.18	0.01076	0.01533
HS1_0032 (HS)	566114.12	4222564.33	3.19E-03	3.94E-03	1.81E-07	0.00713	0.18	0.01249	0.01962
HS1_0130 (HS)	566174.12	4222554.33	3.29E-03	2.60E-03	1.80E-07	0.00589	0.18	0.01169	0.01758
HS1_0248 (HS)	566234.12	4222544.33	3.39E-03	1.16E-03	1.79E-07	0.00455	0.18	0.01059	0.01514
HS1_0113 (HS)	566164.12	4222554.33	3.20E-03	2.86E-03	1.77E-07	0.00606	0.18	0.01168	0.01774
HS1_0227 (HS)	566224.12	4222544.33	3.32E-03	1.24E-03	1.76E-07	0.00456	0.18	0.01044	0.01500
HS1_0096 (HS)	566154.12	4222554.33	3.11E-03	3.02E-03	1.73E-07	0.00613	0.17	0.01157	0.01770
HS1_0458 (HS)	566324.12	4222534.33	3.30E-03	7.20E-04	1.73E-07	0.00402	0.17	0.00992	0.01394
HS1_0207 (HS)	566214.12	4222544.33	3.24E-03	1.33E-03	1.72E-07	0.00457	0.17	0.01032	0.01489
HS1_0436 (HS)	566314.12	4222534.33	3.28E-03	7.60E-04	1.72E-07	0.00404	0.17	0.00989	0.01393
HS1_0413 (HS)	566304.12	4222534.33	3.25E-03	8.10E-04	1.70E-07	0.00406	0.17	0.00985	0.01391
HS1_0080 (HS)	566144.12	4222554.33	3.04E-03	3.06E-03	1.69E-07	0.00610	0.17	0.01137	0.01747
HS1_0389 (HS)	566294.12	4222534.33	3.22E-03	8.40E-04	1.69E-07	0.00406	0.17	0.00980	0.01386
HS1_0187 (HS)	566204.12	4222544.33	3.16E-03	1.45E-03	1.68E-07	0.00461	0.17	0.01019	0.01480
HS1_0364 (HS)	566284.12	4222534.33	3.19E-03	8.70E-04	1.68E-07	0.00406	0.17	0.00974	0.01380
HS1_0338 (HS)	566274.12	4222534.33	3.15E-03	8.90E-04	1.66E-07	0.00404	0.17	0.00967	0.01371
HS1_0064 (HS)	566134.12	4222554.33	2.97E-03	3.00E-03	1.65E-07	0.00597	0.17	0.01108	0.01705
HS1_0167 (HS)	566194.12	4222544.33	3.08E-03	1.59E-03	1.65E-07	0.00467	0.16	0.01010	0.01477
HS1_0313 (HS)	566264.12	4222534.33	3.10E-03	9.20E-04	1.63E-07	0.00402	0.16	0.00955	0.01357
HS1_0048 (HS)	566124.12	4222554.33	2.92E-03	2.94E-03	1.63E-07	0.00586	0.16	0.01081	0.01667
HS1_0148 (HS)	566184.12	4222544.33	3.00E-03	1.74E-03	1.62E-07	0.00474	0.16	0.01002	0.01476
HS1_0290 (HS)	566254.12	4222534.33	3.05E-03	9.60E-04	1.61E-07	0.00401	0.16	0.00943	0.01344
HS1_0031 (HS)	566114.12	4222554.33	2.88E-03	2.97E-03	1.61E-07	0.00585	0.16	0.01065	0.01650
HS1_0129 (HS)	566174.12	4222544.33	2.92E-03	1.89E-03	1.58E-07	0.00481	0.16	0.00995	0.01476
HS1_0268 (HS)	566244.12	4222534.33	2.99E-03	1.00E-03	1.58E-07	0.00399	0.16	0.00930	0.01329
HS1_0247 (HS)	566234.12	4222534.33	2.94E-03	1.05E-03	1.55E-07	0.00399	0.16	0.00920	0.01319
HS1_0112 (HS)	566164.12	4222544.33	2.85E-03	2.00E-03	1.55E-07	0.00485	0.15	0.00985	0.01470
HS1_0226 (HS)	566224.12	4222534.33	2.89E-03	1.11E-03	1.53E-07	0.00400	0.15	0.00911	0.01311
HS1_0095 (HS)	566154.12	4222544.33	2.79E-03	2.08E-03	1.52E-07	0.00487	0.15	0.00973	0.01460
HS1_0206 (HS)	566214.12	4222534.33	2.83E-03	1.17E-03	1.50E-07	0.00400	0.15	0.00902	0.01302
HS1_0079 (HS)	566144.12	4222544.33	2.73E-03	2.13E-03	1.49E-07	0.00486	0.15	0.00958	0.01444
HS1_0186 (HS)	566204.12	4222534.33	2.77E-03	1.25E-03	1.48E-07	0.00402	0.15	0.00893	0.01295
HS1_0063 (HS)	566134.12	4222544.33	2.68E-03	2.16E-03	1.47E-07	0.00484	0.15	0.00943	0.01427
HS1_0166 (HS)	566194.12	4222534.33	2.72E-03	1.33E-03	1.45E-07	0.00405	0.15	0.00884	0.01289
HS1_0457 (HS)	566324.12	4222524.33	2.77E-03	6.70E-04	1.45E-07	0.00344	0.15	0.00839	0.01183
HS1_0047 (HS)	566124.12	4222544.33	2.64E-03	2.21E-03	1.45E-07	0.00485	0.15	0.00931	0.01416
HS1_0435 (HS)	566314.12	4222524.33	2.76E-03	7.00E-04	1.45E-07	0.00346	0.14	0.00839	0.01185
HS1_0030 (HS)	566114.12	4222544.33	2.62E-03	2.30E-03	1.44E-07	0.00492	0.14	0.00924	0.01416
HS1_0412 (HS)	566304.12	4222524.33	2.74E-03	7.30E-04	1.44E-07	0.00347	0.14	0.00837	0.01184
HS1_0388 (HS)	566294.12	4222524.33	2.73E-03	7.70E-04	1.43E-07	0.00350	0.14	0.00835	0.01185
HS1_0147 (HS)	566184.12	4222534.33	2.66E-03	1.42E-03	1.43E-07	0.00408	0.14	0.00876	0.01284
HS1_0363 (HS)	566284.12	4222524.33	2.71E-03	7.90E-04	1.43E-07	0.00350	0.14	0.00833	0.01183
HS1_0337 (HS)	566274.12	4222524.33	2.69E-03	8.20E-04	1.42E-07	0.00351	0.14	0.00830	0.01181
HS1_0312 (HS)	566264.12	4222524.33	2.67E-03	8.40E-04	1.41E-07	0.00351	0.14	0.00826	0.01177
HS1_0128 (HS)	566174.12	4222534.33	2.60E-03	1.49E-03	1.40E-07	0.00409	0.14	0.00866	0.01275
HS1_0289 (HS)	566254.12	4222524.33	2.63E-03	8.80E-04	1.39E-07	0.00351	0.14	0.00820	0.01171
HS1_0111 (HS)	566164.12	4222534.33	2.55E-03	1.56E-03	1.38E-07	0.00411	0.14	0.00856	0.01267
HS1_0267 (HS)	566244.12	4222524.33	2.60E-03	9.10E-04	1.37E-07	0.00351	0.14	0.00813	0.01164
HS1_0246 (HS)	566234.12	4222524.33	2.57E-03	9.50E-04	1.36E-07	0.00352	0.14	0.00807	0.01159
HS1_0094 (HS)	566154.12	4222534.33	2.50E-03	1.61E-03	1.35E-07	0.00411	0.14	0.00846	0.01257
HS1_0225 (HS)	566224.12	4222524.33	2.53E-03	9.90E-04	1.34E-07	0.00352	0.13	0.00801	0.01153
HS1_0078 (HS)	566144.12	4222534.33	2.46E-03	1.66E-03	1.33E-07	0.00412	0.13	0.00836	0.01248
HS1_0205 (HS)	566214.12	4222524.33	2.49E-03	1.04E-03	1.32E-07	0.00353	0.13	0.00795	0.01148
HS1_0062 (HS)	566134.12	4222534.33	2.43E-03	1.72E-03	1.32E-07	0.00415	0.13	0.00827	0.01242
HS1_0029 (HS)	566114.12	4222534.33	2.39E-03	1.96E-03	1.31E-07	0.00435	0.13	0.00827	0.01262
HS1_0046 (HS)	566124.12	4222534.33	2.40E-03	1.81E-03	1.31E-07	0.00421	0.13	0.00824	0.01245
HS1_0185 (HS)	566204.12	4222524.33	2.45E-03	1.10E-03	1.31E-07	0.00355	0.13	0.00788	0.01143
HS1_0165 (HS)	566194.12	4222524.33	2.41E-03	1.15E-03	1.29E-07	0.00356	0.13	0.00781	0.01137
HS1_0146 (HS)	566184.12	4222524.33	2.37E-03	1.20E-03	1.27E-07	0.00357	0.13	0.00773	0.01130
HS1_0127 (HS)	566174.12	4222524.33	2.33E-03	1.25E-03	1.25E-07	0.00358	0.13	0.00765	0.01123
HS1_0456 (HS)	566324.12	4222514.33	2.38E-03	6.20E-04	1.25E-07	0.00300	0.12	0.00725	0.01025
HS1_0434 (HS)	566314.12	4222514.33	2.37E-03	6.50E-04	1.24E-07	0.00302	0.12	0.00726	0.01028
HS1_0476 (HS)	566334.12	4222514.33	2.37E-03	5.90E-04	1.24E-07	0.00296	0.12	0.00721	0.01017
HS1_0411 (HS)	566304.12	4222514.33	2.36E-03	6.80E-04	1.24E-07	0.00304	0.12	0.00726	0.01030
HS1_0362 (HS)	566284.12	4222514.33	2.35E-03	7.30E-04	1.24E-07	0.00308	0.12	0.00726	0.01034
HS1_0387 (HS)	566294.12	4222514.33	2.35E-03	7.00E-04	1.24E-07	0.00305	0.12	0.00726	0.01031
HS1_0110 (HS)	566164.12	4222524.33	2.29E-03	1.29E-03	1.23E-07	0.00358	0.12	0.00758	0.01116
HS1_0336 (HS)	566274.12	4222514.33	2.33E-03	7.50E-04	1.23E-07	0.00308	0.12	0.00725	0.01033
HS1_0311 (HS)	566264.12	4222514.33	2.32E-03	7.80E-04	1.22E-07	0.00310	0.12	0.00723	0.01033
HS1_0093 (HS)	566154.12	4222524.33	2.26E-03	1.34E-03	1.22E-07	0.00360	0.12	0.00750	0.01110
HS1_0288 (HS)	566254.12	4222514.33	2.30E-03	8.00E-04	1.22E-07	0.00310	0.12	0.00721	0.01031
HS1_0266 (HS)	566244.12	4222514.33	2.28E-03	8.30E-04	1.21E-07	0.00311	0.12	0.00718	0.01029
HS1_0028 (HS)	566114.12	4222524.33	2.20E-03	1.76E-03	1.21E-07	0.00396	0.12	0.00751	0.01147
HS1_0077 (HS)	566144.12	4222524.33	2.23E-03	1.40E-03	1.21E-07	0.00363	0.12	0.00744	0.01107
HS1_0245 (HS)	566234.12	4222514.33	2.26E-03	8.70E-04	1.20E-07	0.00313	0.12	0.00714	0.01027
HS1_0061 (HS)	566134.12	4222524.33	2.20E-03	1.47E-03	1.19E-07	0.00367	0.12	0.00741	0.01108
HS1_0045 (HS)	566124.12	4222524.33	2.19E-03	1.58E-03	1.19E-07	0.00377	0.12	0.00742	0.01119
HS1_0224 (HS)	566224.12	4222514.33	2.24E-03	9.00E-04	1.19E-07	0.00314	0.12	0.00710	0.01024
HS1_0204 (HS)	566214.12	4222514.33	2.21E-03	9.40E-04	1.18E-07	0.00315	0.12	0.00706	0.01021
HS1_0184 (HS)	566204.12	4222514.33	2.18E-03	9.80E-04	1.16E-07	0.00316	0.12	0.00701	0.01017
HS1_0164 (HS)	566194.12	4222514.33	2.15E-03	1.01E-03	1.15E-07	0.00316	0.11	0.00695	0.01011
HS1_0145 (HS)	566184.12	4222514.33	2.13E-03	1.04E-03	1.14E-07	0.00317	0.11	0.00689	0.01006
HS1_0126 (HS)	566174.12	4222514.33	2.10E-03	1.08E-03	1.12E-07	0.00318	0.11	0.00683	0.01001
HS1_0109 (HS)	566164.12	4222514.33	2.07E-03	1.12E-03	1.11E-07	0.00319	0.11	0.00678	0.00997
HS1_0027 (HS)	566114.12	4222514.33	2.02E-03	1.61E-03	1.11E-07	0.00363	0.11	0.00688	0.01051
HS1_0092 (HS)	566154.12	4222514.33	2.05E-03	1.17E-03	1.10E-07	0.00322	0.11	0.00674	0.00996
HS1_0044 (HS)	566124.12	4222514.33	2.01E-03	1.43E-03	1.09E-07	0.00344	0.11	0.00676	0.01020
HS1_0455 (HS)	566324.12	4222504.33	2.08E-03	5.80E-04	1.09E-0				

HS1_0060 (HS)	566134.12	4222514.33		2.01E-03	1.31E-03	1.09E-07	0.00332	0.11	0.00671	0.01003
HS1_0335 (HS)	566274.12	4222504.33		2.06E-03	7.00E-04	1.09E-07	0.00276	0.11	0.00641	0.00917
HS1_0361 (HS)	566284.12	4222504.33		2.06E-03	6.80E-04	1.09E-07	0.00274	0.11	0.00641	0.00915
HS1_0475 (HS)	566334.12	4222504.33		2.07E-03	5.60E-04	1.09E-07	0.00263	0.11	0.00633	0.00896
HS1_0015 (HS)	566104.12	4222514.33		1.98E-03	1.63E-03	1.09E-07	0.00361	0.11	0.00678	0.01039
HS1_0310 (HS)	566264.12	4222504.33		2.05E-03	7.20E-04	1.08E-07	0.00277	0.11	0.00641	0.00918
HS1_0287 (HS)	566254.12	4222504.33		2.04E-03	7.40E-04	1.08E-07	0.00278	0.11	0.00640	0.00918
HS1_0265 (HS)	566244.12	4222504.33		2.03E-03	7.70E-04	1.08E-07	0.00280	0.11	0.00639	0.00919
HS1_0244 (HS)	566234.12	4222504.33		2.01E-03	7.90E-04	1.07E-07	0.00280	0.11	0.00637	0.00917
HS1_0223 (HS)	566224.12	4222504.33		2.00E-03	8.20E-04	1.06E-07	0.00282	0.11	0.00635	0.00917
HS1_0203 (HS)	566214.12	4222504.33		1.98E-03	8.50E-04	1.05E-07	0.00283	0.11	0.00632	0.00915
HS1_0183 (HS)	566204.12	4222504.33		1.96E-03	8.90E-04	1.04E-07	0.00285	0.10	0.00629	0.00914
HS1_0163 (HS)	566194.12	4222504.33		1.94E-03	9.10E-04	1.04E-07	0.00285	0.10	0.00625	0.00910
HS1_0144 (HS)	566184.12	4222504.33		1.92E-03	9.30E-04	1.03E-07	0.00285	0.10	0.00620	0.00905
HS1_0026 (HS)	566114.12	4222504.33		1.86E-03	1.49E-03	1.02E-07	0.00335	0.10	0.00634	0.00969
HS1_0125 (HS)	566174.12	4222504.33		1.90E-03	9.60E-04	1.02E-07	0.00286	0.10	0.00616	0.00902
HS1_0108 (HS)	566164.12	4222504.33		1.88E-03	1.00E-03	1.01E-07	0.00288	0.10	0.00613	0.00901
HS1_0043 (HS)	566124.12	4222504.33		1.85E-03	1.31E-03	1.01E-07	0.00316	0.10	0.00620	0.00936
HS1_0014 (HS)	566104.12	4222504.33		1.83E-03	1.53E-03	1.01E-07	0.00336	0.10	0.00629	0.00965
HS1_0091 (HS)	566154.12	4222504.33		1.86E-03	1.05E-03	1.00E-07	0.00291	0.10	0.00611	0.00902
HS1_0075 (HS)	566144.12	4222504.33		1.85E-03	1.11E-03	9.98E-08	0.00296	0.10	0.00610	0.00906
HS1_0059 (HS)	566134.12	4222504.33		1.84E-03	1.19E-03	9.96E-08	0.00303	0.10	0.00613	0.00916
HS1_0432 (HS)	566314.12	4222494.33		1.84E-03	5.70E-04	9.69E-08	0.00241	0.10	0.00568	0.00809
HS1_0334 (HS)	566274.12	4222494.33		1.83E-03	6.50E-04	9.68E-08	0.00248	0.10	0.00573	0.00821
HS1_0360 (HS)	566284.12	4222494.33		1.83E-03	6.30E-04	9.67E-08	0.00246	0.10	0.00572	0.00818
HS1_0385 (HS)	566294.12	4222494.33		1.83E-03	6.10E-04	9.66E-08	0.00244	0.10	0.00571	0.00815
HS1_0409 (HS)	566304.12	4222494.33		1.83E-03	5.90E-04	9.65E-08	0.00242	0.10	0.00570	0.00812
HS1_0286 (HS)	566254.12	4222494.33		1.82E-03	6.90E-04	9.64E-08	0.00251	0.10	0.00574	0.00825
HS1_0309 (HS)	566264.12	4222494.33		1.82E-03	6.70E-04	9.63E-08	0.00249	0.10	0.00574	0.00823
HS1_0454 (HS)	566324.12	4222494.33		1.83E-03	5.40E-04	9.63E-08	0.00237	0.10	0.00566	0.00803
HS1_0474 (HS)	566334.12	4222494.33		1.83E-03	5.20E-04	9.62E-08	0.00235	0.10	0.00563	0.00798
HS1_0264 (HS)	566244.12	4222494.33		1.81E-03	7.10E-04	9.60E-08	0.00252	0.10	0.00573	0.00825
HS1_0490 (HS)	566344.12	4222494.33		1.82E-03	5.00E-04	9.56E-08	0.00232	0.10	0.00559	0.00791
HS1_0243 (HS)	566234.12	4222494.33		1.80E-03	7.30E-04	9.56E-08	0.00253	0.10	0.00572	0.00825
HS1_0222 (HS)	566224.12	4222494.33		1.79E-03	7.60E-04	9.52E-08	0.00255	0.10	0.00571	0.00826
HS1_0202 (HS)	566214.12	4222494.33		1.78E-03	7.80E-04	9.48E-08	0.00256	0.09	0.00570	0.00826
HS1_0182 (HS)	566204.12	4222494.33		1.77E-03	8.10E-04	9.44E-08	0.00258	0.09	0.00568	0.00826
HS1_0025 (HS)	566114.12	4222494.33		1.72E-03	1.40E-03	9.43E-08	0.00312	0.09	0.00587	0.00899
HS1_0013 (HS)	566104.12	4222494.33		1.70E-03	1.45E-03	9.35E-08	0.00315	0.09	0.00585	0.00900
HS1_0162 (HS)	566194.12	4222494.33		1.75E-03	8.30E-04	9.34E-08	0.00258	0.09	0.00565	0.00823
HS1_0143 (HS)	566184.12	4222494.33		1.74E-03	8.50E-04	9.30E-08	0.00259	0.09	0.00562	0.00821
HS1_0124 (HS)	566174.12	4222494.33		1.73E-03	8.70E-04	9.26E-08	0.00260	0.09	0.00559	0.00819
HS1_0042 (HS)	566124.12	4222494.33		1.70E-03	1.22E-03	9.25E-08	0.00292	0.09	0.00571	0.00863
HS1_0107 (HS)	566164.12	4222494.33		1.71E-03	9.10E-04	9.17E-08	0.00262	0.09	0.00558	0.00820
HS1_0074 (HS)	566144.12	4222494.33		1.70E-03	1.02E-03	9.17E-08	0.00272	0.09	0.00559	0.00831
HS1_0058 (HS)	566134.12	4222494.33		1.69E-03	1.11E-03	9.15E-08	0.00280	0.09	0.00563	0.00843
HS1_0090 (HS)	566154.12	4222494.33		1.70E-03	9.60E-04	9.14E-08	0.00266	0.09	0.00558	0.00824
HS1_0012 (HS)	566104.12	4222484.33		1.64E-03	1.57E-03	9.10E-08	0.00321	0.09	0.00571	0.00892
HS1_0024 (HS)	566114.12	4222484.33		1.60E-03	1.32E-03	8.78E-08	0.00292	0.09	0.00545	0.00837
HS1_0308 (HS)	566264.12	4222484.33		1.64E-03	6.20E-04	8.69E-08	0.00226	0.09	0.00517	0.00743
HS1_0333 (HS)	566274.12	4222484.33		1.64E-03	6.10E-04	8.68E-08	0.00225	0.09	0.00516	0.00741
HS1_0359 (HS)	566284.12	4222484.33		1.64E-03	5.90E-04	8.67E-08	0.00223	0.09	0.00515	0.00738
HS1_0384 (HS)	566294.12	4222484.33		1.64E-03	5.70E-04	8.67E-08	0.00221	0.09	0.00514	0.00735
HS1_0242 (HS)	566234.12	4222484.33		1.63E-03	6.80E-04	8.66E-08	0.00231	0.09	0.00518	0.00749
HS1_0408 (HS)	566304.12	4222484.33		1.64E-03	5.50E-04	8.66E-08	0.00219	0.09	0.00512	0.00731
HS1_0263 (HS)	566244.12	4222484.33		1.63E-03	6.60E-04	8.65E-08	0.00229	0.09	0.00518	0.00747
HS1_0431 (HS)	566314.12	4222484.33		1.64E-03	5.30E-04	8.65E-08	0.00217	0.09	0.00510	0.00727
HS1_0285 (HS)	566254.12	4222484.33		1.63E-03	6.40E-04	8.64E-08	0.00227	0.09	0.00518	0.00745
HS1_0453 (HS)	566324.12	4222484.33		1.64E-03	5.10E-04	8.64E-08	0.00215	0.09	0.00508	0.00723
HS1_0221 (HS)	566224.12	4222484.33		1.62E-03	7.00E-04	8.62E-08	0.00232	0.09	0.00518	0.00750
HS1_0201 (HS)	566214.12	4222484.33		1.61E-03	7.30E-04	8.58E-08	0.00234	0.09	0.00517	0.00751
HS1_0473 (HS)	566334.12	4222484.33		1.63E-03	4.90E-04	8.58E-08	0.00212	0.09	0.00505	0.00717
HS1_0489 (HS)	566344.12	4222484.33		1.63E-03	4.80E-04	8.58E-08	0.00211	0.09	0.00502	0.00713
HS1_0041 (HS)	566124.12	4222484.33		1.57E-03	1.15E-03	8.56E-08	0.00272	0.09	0.00529	0.00801
HS1_0181 (HS)	566204.12	4222484.33		1.60E-03	7.50E-04	8.54E-08	0.00235	0.09	0.00516	0.00751
HS1_0161 (HS)	566194.12	4222484.33		1.59E-03	7.70E-04	8.50E-08	0.00236	0.08	0.00515	0.00751
HS1_0011 (HS)	566104.12	4222474.33		1.53E-03	1.48E-03	8.49E-08	0.00301	0.08	0.00533	0.00834
HS1_0123 (HS)	566174.12	4222484.33		1.58E-03	8.10E-04	8.46E-08	0.00239	0.08	0.00511	0.00750
HS1_0057 (HS)	566134.12	4222484.33		1.56E-03	1.04E-03	8.46E-08	0.00260	0.08	0.00519	0.00779
HS1_0142 (HS)	566184.12	4222484.33		1.58E-03	7.80E-04	8.45E-08	0.00236	0.08	0.00512	0.00748
HS1_0106 (HS)	566164.12	4222484.33		1.57E-03	8.40E-04	8.42E-08	0.00241	0.08	0.00511	0.00752
HS1_0073 (HS)	566144.12	4222484.33		1.56E-03	9.50E-04	8.42E-08	0.00251	0.08	0.00514	0.00765
HS1_0089 (HS)	566154.12	4222484.33		1.56E-03	8.90E-04	8.39E-08	0.00245	0.08	0.00512	0.00757
HS1_0023 (HS)	566114.12	4222474.33		1.49E-03	1.25E-03	8.19E-08	0.00274	0.08	0.00507	0.00781
HS1_0040 (HS)	566124.12	4222474.33		1.46E-03	1.09E-03	7.97E-08	0.00255	0.08	0.00491	0.00746
HS1_0010 (HS)	566104.12	4222464.33		1.43E-03	1.40E-03	7.94E-08	0.00283	0.08	0.00498	0.00781
HS1_0241 (HS)	566234.12	4222474.33		1.48E-03	6.40E-04	7.87E-08	0.00212	0.08	0.00472	0.00684
HS1_0262 (HS)	566244.12	4222474.33		1.48E-03	6.20E-04	7.87E-08	0.00210	0.08	0.00472	0.00682
HS1_0284 (HS)	566254.12	4222474.33		1.48E-03	6.00E-04	7.86E-08	0.00208	0.08	0.00471	0.00679
HS1_0307 (HS)	566264.12	4222474.33		1.48E-03	5.80E-04	7.85E-08	0.00206	0.08	0.00470	0.00676
HS1_0332 (HS)	566274.12	4222474.33		1.48E-03	5.70E-04	7.84E-08	0.00205	0.08	0.00469	0.00674
HS1_0200 (HS)	566214.12	4222474.33		1.47E-03	6.80E-04	7.84E-08	0.00215	0.08	0.00472	0.00687
HS1_0358 (HS)	566284.12	4222474.33		1.48E-03	5.50E-04	7.84E-08	0.00203	0.08	0.00468	0.00671
HS1_0220 (HS)	566224.12	4222474.33		1.47E-03	6.50E-04	7.83E-08	0.00212	0.08	0.00472	0.00684
HS1_0383 (HS)	566294.12	4222474.33		1.48E-03	5.30E-04	7.83E-08	0.00201	0.08	0.00466	0.00667
HS1_0407 (HS)	566304.12	4222474.33		1.48E-03	5.20E-04	7.82E-08	0.00200	0.08	0.00464	0.00664
HS1_0056 (HS)	566134.12	4222474.33		1.44E-03	9.80E-04	7.82E-08	0.00242	0.08	0.00481	0.00723
HS1_0430 (HS)	566314.12	4222474.33		1.48E-03	5.00E-04	7.81E-08	0.00198	0.08	0.00462	0.00660
HS1_0160 (HS)	566194.12	4222474.33		1.46E-03	7.20E-04	7.81E-08	0.00218	0.08	0.00472	0.00690
HS1_0452 (HS)	566324.12	4222474.33		1.48E-03	4.80E-04	7.81E-08	0.00196	0.08	0.00460	0.00656
HS1_0180 (HS)	566204.12	4222474.33		1.46E-03	7.00E-04	7.80E-08	0.00216	0.08	0.004	

HS1_0022 (HS)	566114.12	4222464.33	1.38E-03	1.18E-03	7.59E-08	0.00256	0.08	0.00473	0.00729
HS1_0009 (HS)	566104.12	4222454.33	1.33E-03	1.33E-03	7.40E-08	0.00266	0.07	0.00466	0.00732
HS1_0039 (HS)	566124.12	4222464.33	1.35E-03	1.03E-03	7.37E-08	0.00238	0.07	0.00457	0.00695
HS1_0055 (HS)	566134.12	4222464.33	1.34E-03	9.20E-04	7.28E-08	0.00226	0.07	0.00447	0.00673
HS1_0219 (HS)	566224.12	4222464.33	1.35E-03	6.10E-04	7.19E-08	0.00196	0.07	0.00433	0.00629
HS1_0071 (HS)	566144.12	4222464.33	1.33E-03	8.40E-04	7.19E-08	0.00217	0.07	0.00440	0.00657
HS1_0240 (HS)	566234.12	4222464.33	1.35E-03	6.00E-04	7.19E-08	0.00195	0.07	0.00432	0.00627
HS1_0261 (HS)	566244.12	4222464.33	1.35E-03	5.80E-04	7.18E-08	0.00193	0.07	0.00432	0.00625
HS1_0159 (HS)	566194.12	4222464.33	1.34E-03	6.80E-04	7.17E-08	0.00202	0.07	0.00434	0.00636
HS1_0283 (HS)	566254.12	4222464.33	1.35E-03	5.60E-04	7.17E-08	0.00191	0.07	0.00431	0.00622
HS1_0306 (HS)	566264.12	4222464.33	1.35E-03	5.50E-04	7.17E-08	0.00190	0.07	0.00430	0.00620
HS1_0087 (HS)	566154.12	4222464.33	1.33E-03	7.80E-04	7.16E-08	0.00211	0.07	0.00436	0.00647
HS1_0179 (HS)	566204.12	4222464.33	1.34E-03	6.50E-04	7.16E-08	0.00199	0.07	0.00434	0.00633
HS1_0331 (HS)	566274.12	4222464.33	1.35E-03	5.30E-04	7.16E-08	0.00188	0.07	0.00429	0.00617
HS1_0357 (HS)	566284.12	4222464.33	1.35E-03	5.20E-04	7.16E-08	0.00187	0.07	0.00427	0.00614
HS1_0199 (HS)	566214.12	4222464.33	1.34E-03	6.30E-04	7.15E-08	0.00197	0.07	0.00434	0.00631
HS1_0104 (HS)	566164.12	4222464.33	1.33E-03	7.40E-04	7.15E-08	0.00207	0.07	0.00434	0.00641
HS1_0382 (HS)	566294.12	4222464.33	1.35E-03	5.00E-04	7.15E-08	0.00185	0.07	0.00425	0.00610
HS1_0121 (HS)	566174.12	4222464.33	1.33E-03	7.20E-04	7.14E-08	0.00205	0.07	0.00434	0.00639
HS1_0140 (HS)	566184.12	4222464.33	1.33E-03	7.00E-04	7.13E-08	0.00203	0.07	0.00435	0.00638
HS1_0021 (HS)	566114.12	4222454.33	1.29E-03	1.12E-03	7.11E-08	0.00241	0.07	0.00442	0.00683
HS1_0406 (HS)	566304.12	4222464.33	1.34E-03	4.90E-04	7.09E-08	0.00183	0.07	0.00423	0.00606
HS1_0429 (HS)	566314.12	4222464.33	1.34E-03	4.70E-04	7.08E-08	0.00181	0.07	0.00421	0.00602
HS1_0451 (HS)	566324.12	4222464.33	1.34E-03	4.60E-04	7.08E-08	0.00180	0.07	0.00419	0.00599
HS1_0471 (HS)	566334.12	4222464.33	1.33E-03	4.40E-04	7.02E-08	0.00177	0.07	0.00417	0.00594
HS1_0487 (HS)	566344.12	4222464.33	1.33E-03	4.30E-04	7.01E-08	0.00176	0.07	0.00414	0.00590
HS1_0008 (HS)	566104.12	4222444.33	1.25E-03	1.25E-03	6.96E-08	0.00250	0.07	0.00435	0.00685
HS1_0004 (HS)	566094.12	4222444.33	1.24E-03	1.31E-03	6.93E-08	0.00255	0.07	0.00439	0.00694
HS1_0038 (HS)	566124.12	4222454.33	1.26E-03	9.70E-04	6.89E-08	0.00223	0.07	0.00426	0.00649
HS1_0003 (HS)	566094.12	4222434.33	1.22E-03	1.44E-03	6.88E-08	0.00266	0.07	0.00439	0.00705
HS1_0054 (HS)	566134.12	4222454.33	1.24E-03	8.70E-04	6.74E-08	0.00211	0.07	0.00416	0.00627
HS1_0070 (HS)	566144.12	4222454.33	1.23E-03	8.00E-04	6.66E-08	0.00203	0.07	0.00409	0.00612
HS1_0086 (HS)	566154.12	4222454.33	1.23E-03	7.40E-04	6.63E-08	0.00197	0.07	0.00405	0.00602
HS1_0020 (HS)	566114.12	4222444.33	1.20E-03	1.06E-03	6.62E-08	0.00226	0.07	0.00413	0.00639
HS1_0103 (HS)	566164.12	4222454.33	1.23E-03	7.00E-04	6.62E-08	0.00193	0.07	0.00402	0.00595
HS1_0120 (HS)	566174.12	4222454.33	1.23E-03	6.90E-04	6.61E-08	0.00192	0.07	0.00403	0.00595
HS1_0239 (HS)	566234.12	4222454.33	1.24E-03	5.60E-04	6.61E-08	0.00180	0.07	0.00398	0.00578
HS1_0139 (HS)	566184.12	4222454.33	1.23E-03	6.60E-04	6.60E-08	0.00189	0.07	0.00402	0.00591
HS1_0260 (HS)	566244.12	4222454.33	1.24E-03	5.40E-04	6.60E-08	0.00178	0.07	0.00397	0.00575
HS1_0282 (HS)	566254.12	4222454.33	1.24E-03	5.30E-04	6.59E-08	0.00177	0.07	0.00396	0.00573
HS1_0158 (HS)	566194.12	4222454.33	1.23E-03	6.40E-04	6.59E-08	0.00187	0.07	0.00401	0.00588
HS1_0305 (HS)	566264.12	4222454.33	1.24E-03	5.20E-04	6.59E-08	0.00176	0.07	0.00395	0.00571
HS1_0330 (HS)	566274.12	4222454.33	1.24E-03	5.00E-04	6.58E-08	0.00174	0.07	0.00393	0.00567
HS1_0178 (HS)	566204.12	4222454.33	1.23E-03	6.10E-04	6.58E-08	0.00184	0.07	0.00400	0.00584
HS1_0198 (HS)	566214.12	4222454.33	1.23E-03	5.90E-04	6.57E-08	0.00182	0.07	0.00399	0.00581
HS1_0218 (HS)	566224.12	4222454.33	1.23E-03	5.80E-04	6.57E-08	0.00181	0.07	0.00399	0.00580
HS1_0356 (HS)	566284.12	4222454.33	1.23E-03	4.90E-04	6.53E-08	0.00172	0.07	0.00392	0.00564
HS1_0381 (HS)	566294.12	4222454.33	1.23E-03	4.70E-04	6.52E-08	0.00170	0.07	0.00390	0.00560
HS1_0405 (HS)	566304.12	4222454.33	1.23E-03	4.60E-04	6.51E-08	0.00169	0.07	0.00388	0.00557
HS1_0428 (HS)	566314.12	4222454.33	1.23E-03	4.50E-04	6.51E-08	0.00168	0.07	0.00386	0.00554
HS1_0007 (HS)	566104.12	4222434.33	1.16E-03	1.17E-03	6.46E-08	0.00233	0.06	0.00407	0.00640
HS1_0450 (HS)	566324.12	4222454.33	1.22E-03	4.30E-04	6.45E-08	0.00165	0.06	0.00384	0.00549
HS1_0470 (HS)	566334.12	4222454.33	1.22E-03	4.20E-04	6.44E-08	0.00164	0.06	0.00382	0.00546
HS1_0002 (HS)	566094.12	4222424.33	1.14E-03	1.34E-03	6.43E-08	0.00248	0.06	0.00409	0.00657
HS1_0037 (HS)	566124.12	4222444.33	1.17E-03	9.20E-04	6.40E-08	0.00209	0.06	0.00398	0.00607
HS1_0486 (HS)	566344.12	4222454.33	1.21E-03	4.10E-04	6.39E-08	0.00162	0.06	0.00379	0.00541
HS1_0493 (HS)	566354.12	4222454.33	1.21E-03	3.90E-04	6.38E-08	0.00160	0.06	0.00376	0.00536
HS1_0053 (HS)	566134.12	4222444.33	1.16E-03	8.30E-04	6.31E-08	0.00199	0.06	0.00388	0.00587
HS1_0069 (HS)	566144.12	4222444.33	1.15E-03	7.50E-04	6.23E-08	0.00190	0.06	0.00381	0.00571
HS1_0019 (HS)	566114.12	4222434.33	1.12E-03	1.00E-03	6.18E-08	0.00212	0.06	0.00386	0.00598
HS1_0085 (HS)	566154.12	4222444.33	1.14E-03	7.00E-04	6.15E-08	0.00184	0.06	0.00377	0.00561
HS1_0102 (HS)	566164.12	4222444.33	1.14E-03	6.70E-04	6.14E-08	0.00181	0.06	0.00375	0.00556
HS1_0119 (HS)	566174.12	4222444.33	1.14E-03	6.50E-04	6.13E-08	0.00179	0.06	0.00375	0.00554
HS1_0138 (HS)	566184.12	4222444.33	1.14E-03	6.30E-04	6.12E-08	0.00177	0.06	0.00373	0.00550
HS1_0157 (HS)	566194.12	4222444.33	1.14E-03	6.00E-04	6.11E-08	0.00174	0.06	0.00372	0.00546
HS1_0177 (HS)	566204.12	4222444.33	1.14E-03	5.80E-04	6.10E-08	0.00172	0.06	0.00370	0.00542
HS1_0197 (HS)	566214.12	4222444.33	1.14E-03	5.60E-04	6.09E-08	0.00170	0.06	0.00369	0.00539
HS1_0217 (HS)	566224.12	4222444.33	1.14E-03	5.40E-04	6.09E-08	0.00168	0.06	0.00368	0.00536
HS1_0238 (HS)	566234.12	4222444.33	1.14E-03	5.30E-04	6.08E-08	0.00167	0.06	0.00367	0.00534
HS1_0259 (HS)	566244.12	4222444.33	1.14E-03	5.10E-04	6.07E-08	0.00165	0.06	0.00366	0.00531
HS1_0006 (HS)	566104.12	4222424.33	1.09E-03	1.10E-03	6.07E-08	0.00219	0.06	0.00381	0.00600
HS1_0281 (HS)	566254.12	4222444.33	1.14E-03	5.00E-04	6.07E-08	0.00164	0.06	0.00365	0.00529
HS1_0304 (HS)	566264.12	4222444.33	1.14E-03	4.90E-04	6.06E-08	0.00163	0.06	0.00364	0.00527
HS1_0001 (HS)	566094.12	4222414.33	1.07E-03	1.24E-03	6.03E-08	0.00231	0.06	0.00382	0.00613
HS1_0329 (HS)	566274.12	4222444.33	1.13E-03	4.70E-04	6.00E-08	0.00160	0.06	0.00363	0.00523
HS1_0355 (HS)	566284.12	4222444.33	1.13E-03	4.60E-04	6.00E-08	0.00159	0.06	0.00361	0.00520
HS1_0380 (HS)	566294.12	4222444.33	1.13E-03	4.50E-04	6.00E-08	0.00158	0.06	0.00359	0.00517
HS1_0404 (HS)	566304.12	4222444.33	1.13E-03	4.40E-04	5.99E-08	0.00157	0.06	0.00358	0.00515
HS1_0036 (HS)	566124.12	4222434.33	1.09E-03	8.70E-04	5.97E-08	0.00196	0.06	0.00372	0.00568
HS1_0427 (HS)	566314.12	4222444.33	1.12E-03	4.20E-04	5.93E-08	0.00154	0.06	0.00356	0.00510
HS1_0449 (HS)	566324.12	4222444.33	1.12E-03	4.10E-04	5.93E-08	0.00153	0.06	0.00354	0.00507
HS1_0469 (HS)	566334.12	4222444.33	1.12E-03	4.00E-04	5.92E-08	0.00152	0.06	0.00352	0.00504
HS1_0052 (HS)	566134.12	4222434.33	1.08E-03	7.80E-04	5.88E-08	0.00186	0.06	0.00363	0.00549
HS1_0485 (HS)	566344.12	4222444.33	1.11E-03	3.90E-04	5.87E-08	0.00150	0.06	0.00350	0.00500
HS1_0492 (HS)	566354.12	4222444.33	1.11E-03	3.80E-04	5.86E-08	0.00149	0.06	0.00347	0.00496
HS1_0068 (HS)	566144.12	4222434.33	1.07E-03	7.10E-04	5.80E-08	0.00178	0.06	0.00356	0.00534
HS1_0018 (HS)	566114.12	4222424.33	1.05E-03	9.40E-04	5.80E-08	0.00199	0.06	0.00362	0.00561
HS1_0084 (HS)	566154.12	4222434.33	1.06E-03	6.70E-04	5.73E-08	0.00173	0.06	0.00353	0.00526
HS1_0101 (HS)	566164.12	4222434.33	1.06E-03	6.40E-04	5.72E-08	0.00170	0.06	0.00351	0.00521
HS1_0118 (HS)	566174.12	4222434.33	1.06E-03	6.20E-04	5.71E-08	0.00168	0.06	0.00349	0.00517
HS1_0005 (HS)	566104.12	4222414.33	1.02E-03	1.03E-03	5.68E-08	0.00205	0.06	0.00356	0.00561
HS1_0137 (HS)	566184.12	4222434.33	1.05E-03	5.90E-04	5.65E-08	0.00164	0.06	0.00347	0.00511
HS1_0156 (HS)	566194.12	4222434.33	1.05E-03	5.70E-04	5.64E-08	0.00162	0.06	0.00345	0.00507
HS1_0176 (HS)	566204.12	4222434.33	1.05E-03	5.50E-04	5.63E-0				

HS1_0280 (HS)	566254.12	4222434.33	1.05E-03	4.70E-04	5.59E-08	0.00152	0.06	0.00338	0.00490
HS1_0035 (HS)	566124.12	4222424.33	1.02E-03	8.20E-04	5.59E-08	0.00184	0.06	0.00349	0.00533
HS1_0303 (HS)	566264.12	4222434.33	1.05E-03	4.60E-04	5.59E-08	0.00151	0.06	0.00337	0.00488
HS1_0328 (HS)	566274.12	4222434.33	1.05E-03	4.50E-04	5.58E-08	0.00150	0.06	0.00335	0.00485
HS1_0354 (HS)	566284.12	4222434.33	1.04E-03	4.40E-04	5.53E-08	0.00148	0.06	0.00334	0.00482
HS1_0379 (HS)	566294.12	4222434.33	1.04E-03	4.20E-04	5.52E-08	0.00146	0.06	0.00333	0.00479
HS1_0403 (HS)	566304.12	4222434.33	1.04E-03	4.10E-04	5.52E-08	0.00145	0.06	0.00331	0.00476
HS1_0426 (HS)	566314.12	4222434.33	1.04E-03	4.00E-04	5.51E-08	0.00144	0.06	0.00329	0.00473
HS1_0051 (HS)	566134.12	4222424.33	1.01E-03	7.40E-04	5.50E-08	0.00175	0.06	0.00340	0.00515
HS1_0448 (HS)	566324.12	4222434.33	1.03E-03	3.90E-04	5.46E-08	0.00142	0.05	0.00327	0.00469
HS1_0468 (HS)	566334.12	4222434.33	1.03E-03	3.80E-04	5.45E-08	0.00141	0.05	0.00326	0.00467
HS1_0484 (HS)	566344.12	4222434.33	1.03E-03	3.70E-04	5.45E-08	0.00140	0.05	0.00323	0.00463
HS1_0067 (HS)	566144.12	4222424.33	1.00E-03	6.80E-04	5.43E-08	0.00168	0.05	0.00334	0.00502
HS1_0017 (HS)	566114.12	4222414.33	9.80E-04	8.80E-04	5.41E-08	0.00186	0.05	0.00339	0.00525
HS1_0491 (HS)	566354.12	4222434.33	1.02E-03	3.60E-04	5.39E-08	0.00138	0.05	0.00321	0.00459
HS1_0083 (HS)	566154.12	4222424.33	9.90E-04	6.50E-04	5.36E-08	0.00164	0.05	0.00331	0.00495
HS1_0100 (HS)	566164.12	4222424.33	9.90E-04	6.20E-04	5.35E-08	0.00161	0.05	0.00328	0.00489
HS1_0117 (HS)	566174.12	4222424.33	9.80E-04	5.90E-04	5.29E-08	0.00157	0.05	0.00326	0.00483
HS1_0136 (HS)	566184.12	4222424.33	9.80E-04	5.60E-04	5.27E-08	0.00154	0.05	0.00324	0.00478
HS1_0034 (HS)	566124.12	4222414.33	9.60E-04	7.80E-04	5.26E-08	0.00174	0.05	0.00327	0.00501
HS1_0155 (HS)	566194.12	4222424.33	9.80E-04	5.40E-04	5.26E-08	0.00152	0.05	0.00322	0.00474
HS1_0175 (HS)	566204.12	4222424.33	9.80E-04	5.20E-04	5.26E-08	0.00150	0.05	0.00320	0.00470
HS1_0195 (HS)	566214.12	4222424.33	9.80E-04	5.00E-04	5.25E-08	0.00148	0.05	0.00319	0.00467
HS1_0215 (HS)	566224.12	4222424.33	9.70E-04	4.90E-04	5.19E-08	0.00146	0.05	0.00318	0.00464
HS1_0236 (HS)	566234.12	4222424.33	9.70E-04	4.70E-04	5.18E-08	0.00144	0.05	0.00316	0.00460
HS1_0257 (HS)	566244.12	4222424.33	9.70E-04	4.60E-04	5.18E-08	0.00143	0.05	0.00315	0.00458
HS1_0279 (HS)	566254.12	4222424.33	9.70E-04	4.50E-04	5.17E-08	0.00142	0.05	0.00314	0.00456
HS1_0302 (HS)	566264.12	4222424.33	9.70E-04	4.40E-04	5.17E-08	0.00141	0.05	0.00313	0.00454
HS1_0327 (HS)	566274.12	4222424.33	9.70E-04	4.20E-04	5.16E-08	0.00139	0.05	0.00312	0.00451
HS1_0353 (HS)	566284.12	4222424.33	9.70E-04	4.10E-04	5.16E-08	0.00138	0.05	0.00310	0.00448
HS1_0378 (HS)	566294.12	4222424.33	9.70E-04	4.00E-04	5.15E-08	0.00137	0.05	0.00309	0.00446
HS1_0050 (HS)	566134.12	4222414.33	9.40E-04	7.00E-04	5.13E-08	0.00164	0.05	0.00319	0.00483
HS1_0402 (HS)	566304.12	4222424.33	9.60E-04	3.90E-04	5.10E-08	0.00135	0.05	0.00307	0.00442
HS1_0425 (HS)	566314.12	4222424.33	9.60E-04	3.80E-04	5.09E-08	0.00134	0.05	0.00306	0.00440
HS1_0447 (HS)	566324.12	4222424.33	9.60E-04	3.70E-04	5.09E-08	0.00133	0.05	0.00304	0.00437
HS1_0016 (HS)	566114.12	4222404.33	9.20E-04	8.30E-04	5.08E-08	0.00175	0.05	0.00318	0.00493
HS1_0066 (HS)	566144.12	4222414.33	9.30E-04	6.40E-04	5.05E-08	0.00157	0.05	0.00313	0.00470
HS1_0082 (HS)	566154.12	4222414.33	9.30E-04	6.20E-04	5.04E-08	0.00155	0.05	0.00310	0.00465
HS1_0467 (HS)	566334.12	4222424.33	9.50E-04	3.60E-04	5.03E-08	0.00131	0.05	0.00302	0.00433
HS1_0483 (HS)	566344.12	4222424.33	9.50E-04	3.50E-04	5.03E-08	0.00130	0.05	0.00300	0.00430
HS1_0099 (HS)	566164.12	4222414.33	9.20E-04	5.90E-04	4.98E-08	0.00151	0.05	0.00307	0.00458
HS1_0116 (HS)	566174.12	4222414.33	9.20E-04	5.60E-04	4.96E-08	0.00148	0.05	0.00305	0.00453
HS1_0033 (HS)	566124.12	4222404.33	9.00E-04	7.30E-04	4.94E-08	0.00163	0.05	0.00307	0.00470
HS1_0135 (HS)	566184.12	4222414.33	9.10E-04	5.30E-04	4.90E-08	0.00144	0.05	0.00303	0.00447
HS1_0154 (HS)	566194.12	4222414.33	9.10E-04	5.10E-04	4.89E-08	0.00142	0.05	0.00301	0.00443
HS1_0174 (HS)	566204.12	4222414.33	9.10E-04	4.90E-04	4.88E-08	0.00140	0.05	0.00299	0.00439
HS1_0194 (HS)	566214.12	4222414.33	9.10E-04	4.80E-04	4.88E-08	0.00139	0.05	0.00298	0.00437
HS1_0214 (HS)	566224.12	4222414.33	9.10E-04	4.60E-04	4.87E-08	0.00137	0.05	0.00296	0.00433
HS1_0235 (HS)	566234.12	4222414.33	9.00E-04	4.50E-04	4.81E-08	0.00135	0.05	0.00295	0.00430
HS1_0256 (HS)	566244.12	4222414.33	9.00E-04	4.40E-04	4.81E-08	0.00134	0.05	0.00294	0.00428
HS1_0049 (HS)	566134.12	4222404.33	8.80E-04	6.60E-04	4.80E-08	0.00154	0.05	0.00299	0.00453
HS1_0278 (HS)	566254.12	4222414.33	9.00E-04	4.20E-04	4.80E-08	0.00132	0.05	0.00293	0.00425
HS1_0301 (HS)	566264.12	4222414.33	9.00E-04	4.10E-04	4.80E-08	0.00131	0.05	0.00292	0.00423
HS1_0326 (HS)	566274.12	4222414.33	9.00E-04	4.00E-04	4.79E-08	0.00130	0.05	0.00291	0.00421
HS1_0352 (HS)	566284.12	4222414.33	9.00E-04	3.90E-04	4.79E-08	0.00129	0.05	0.00289	0.00418
HS1_0377 (HS)	566294.12	4222414.33	9.00E-04	3.80E-04	4.78E-08	0.00128	0.05	0.00288	0.00416
HS1_0065 (HS)	566144.12	4222404.33	8.70E-04	6.10E-04	4.73E-08	0.00148	0.05	0.00294	0.00442
HS1_0401 (HS)	566304.12	4222414.33	8.90E-04	3.70E-04	4.73E-08	0.00126	0.05	0.00286	0.00412
HS1_0424 (HS)	566314.12	4222414.33	8.90E-04	3.60E-04	4.72E-08	0.00125	0.05	0.00285	0.00410
HS1_0081 (HS)	566154.12	4222404.33	8.70E-04	5.90E-04	4.72E-08	0.00146	0.05	0.00291	0.00437
HS1_0446 (HS)	566324.12	4222414.33	8.90E-04	3.50E-04	4.72E-08	0.00124	0.05	0.00283	0.00407
HS1_0466 (HS)	566334.12	4222414.33	8.90E-04	3.40E-04	4.72E-08	0.00123	0.05	0.00282	0.00405
HS1_0482 (HS)	566344.12	4222414.33	8.80E-04	3.40E-04	4.66E-08	0.00122	0.05	0.00280	0.00402
HS1_0098 (HS)	566164.12	4222404.33	8.60E-04	5.60E-04	4.66E-08	0.00142	0.05	0.00288	0.00430
HS1_0115 (HS)	566174.12	4222404.33	8.60E-04	5.30E-04	4.64E-08	0.00139	0.05	0.00286	0.00425
HS1_0134 (HS)	566184.12	4222404.33	8.50E-04	5.10E-04	4.58E-08	0.00136	0.05	0.00284	0.00420
HS1_0153 (HS)	566194.12	4222404.33	8.50E-04	4.80E-04	4.57E-08	0.00133	0.05	0.00282	0.00415
HS1_0173 (HS)	566204.12	4222404.33	8.50E-04	4.70E-04	4.57E-08	0.00132	0.05	0.00280	0.00412
HS1_0193 (HS)	566214.12	4222404.33	8.50E-04	4.50E-04	4.56E-08	0.00130	0.05	0.00279	0.00409
HS1_0213 (HS)	566224.12	4222404.33	8.50E-04	4.40E-04	4.55E-08	0.00129	0.05	0.00277	0.00406
HS1_0234 (HS)	566234.12	4222404.33	8.40E-04	4.30E-04	4.50E-08	0.00127	0.04	0.00276	0.00403
HS1_0255 (HS)	566244.12	4222404.33	8.40E-04	4.10E-04	4.49E-08	0.00125	0.04	0.00274	0.00399
HS1_0277 (HS)	566254.12	4222404.33	8.40E-04	4.00E-04	4.49E-08	0.00124	0.04	0.00274	0.00398
HS1_0300 (HS)	566264.12	4222404.33	8.40E-04	3.90E-04	4.48E-08	0.00123	0.04	0.00273	0.00396
HS1_0325 (HS)	566274.12	4222404.33	8.40E-04	3.80E-04	4.48E-08	0.00122	0.04	0.00272	0.00394
HS1_0351 (HS)	566284.12	4222404.33	8.40E-04	3.70E-04	4.47E-08	0.00121	0.04	0.00270	0.00391
HS1_0376 (HS)	566294.12	4222404.33	8.40E-04	3.60E-04	4.47E-08	0.00120	0.04	0.00269	0.00389
HS1_0400 (HS)	566304.12	4222404.33	8.30E-04	3.50E-04	4.41E-08	0.00118	0.04	0.00268	0.00386
HS1_0423 (HS)	566314.12	4222404.33	8.30E-04	3.50E-04	4.41E-08	0.00118	0.04	0.00266	0.00384
HS1_0445 (HS)	566324.12	4222404.33	8.30E-04	3.40E-04	4.41E-08	0.00117	0.04	0.00265	0.00382
HS1_0097 (HS)	566164.12	4222394.33	8.10E-04	5.30E-04	4.39E-08	0.00134	0.04	0.00271	0.00405
HS1_0465 (HS)	566334.12	4222404.33	8.20E-04	3.30E-04	4.35E-08	0.00115	0.04	0.00263	0.00378
HS1_0481 (HS)	566344.12	4222404.33	8.20E-04	3.20E-04	4.35E-08	0.00114	0.04	0.00262	0.00376
HS1_0114 (HS)	566174.12	4222394.33	8.00E-04	5.00E-04	4.32E-08	0.00130	0.04	0.00268	0.00398
HS1_0133 (HS)	566184.12	4222394.33	8.00E-04	4.80E-04	4.31E-08	0.00128	0.04	0.00266	0.00394
HS1_0152 (HS)	566194.12	4222394.33	8.00E-04	4.60E-04	4.31E-08	0.00126	0.04	0.00264	0.00390
HS1_0172 (HS)	566204.12	4222394.33	7.90E-04	4.40E-04	4.25E-08	0.00123	0.04	0.00263	0.00386
HS1_0192 (HS)	566214.12	4222394.33	7.90E-04	4.30E-04	4.24E-08	0.00122	0.04	0.00261	0.00383
HS1_0212 (HS)	566224.12	4222394.33	7.90E-04	4.20E-04	4.24E-08	0.00121	0.04	0.00260	0.00381
HS1_0233 (HS)	566234.12	4222394.33	7.90E-04	4.00E-04	4.23E-08	0.00119	0.04	0.00259	0.00378
HS1_0254 (HS)	566244.12	4222394.33	7.90E-04	3.90E-04	4.22E-08	0.00118	0.04	0.00257	0.00375
HS1_0276 (HS)	566254.12	4222394.33	7.90E-04	3.80E-04	4.22E-08	0.00117	0.04	0.00257	0.00374
HS1_0299 (HS)	566264.12	4222394.33	7.90E-04	3.70E-04	4.22E-08	0.00116	0.04	0.00256	0.00372
HS1_0324 (HS)	566274.12	4222394.33	7.90E-04	3.60E-04	4.21E-0				

HS1_0444 (HS)	566324.12	4222394.33	7.70E-04	3.20E-04	4.09E-08	0.00109	0.04	0.00248	0.00357
HS1_0464 (HS)	566334.12	4222394.33	7.70E-04	3.10E-04	4.09E-08	0.00108	0.04	0.00247	0.00355
HS1_0480 (HS)	566344.12	4222394.33	7.70E-04	3.10E-04	4.09E-08	0.00108	0.04	0.00245	0.00353
HS1_0132 (HS)	566184.12	4222384.33	7.50E-04	4.50E-04	4.04E-08	0.00120	0.04	0.00250	0.00370
HS1_0151 (HS)	566194.12	4222384.33	7.50E-04	4.40E-04	4.04E-08	0.00119	0.04	0.00249	0.00368
HS1_0171 (HS)	566204.12	4222384.33	7.50E-04	4.20E-04	4.03E-08	0.00117	0.04	0.00247	0.00364
HS1_0191 (HS)	566214.12	4222384.33	7.40E-04	4.10E-04	3.98E-08	0.00115	0.04	0.00246	0.00361
HS1_0211 (HS)	566224.12	4222384.33	7.40E-04	3.90E-04	3.97E-08	0.00113	0.04	0.00244	0.00357
HS1_0232 (HS)	566234.12	4222384.33	7.40E-04	3.80E-04	3.96E-08	0.00112	0.04	0.00243	0.00355
HS1_0253 (HS)	566244.12	4222384.33	7.40E-04	3.70E-04	3.96E-08	0.00111	0.04	0.00242	0.00353
HS1_0275 (HS)	566254.12	4222384.33	7.40E-04	3.60E-04	3.95E-08	0.00110	0.04	0.00241	0.00351
HS1_0298 (HS)	566264.12	4222384.33	7.40E-04	3.50E-04	3.95E-08	0.00109	0.04	0.00240	0.00349
HS1_0323 (HS)	566274.12	4222384.33	7.40E-04	3.40E-04	3.95E-08	0.00108	0.04	0.00239	0.00347
HS1_0349 (HS)	566284.12	4222384.33	7.30E-04	3.40E-04	3.89E-08	0.00107	0.04	0.00238	0.00345
HS1_0374 (HS)	566294.12	4222384.33	7.30E-04	3.30E-04	3.89E-08	0.00106	0.04	0.00237	0.00343
HS1_0398 (HS)	566304.12	4222384.33	7.30E-04	3.20E-04	3.89E-08	0.00105	0.04	0.00236	0.00341
HS1_0421 (HS)	566314.12	4222384.33	7.30E-04	3.10E-04	3.88E-08	0.00104	0.04	0.00234	0.00338
HS1_0443 (HS)	566324.12	4222384.33	7.20E-04	3.10E-04	3.83E-08	0.00103	0.04	0.00233	0.00336
HS1_0463 (HS)	566334.12	4222384.33	7.20E-04	3.00E-04	3.83E-08	0.00102	0.04	0.00231	0.00333
HS1_0479 (HS)	566344.12	4222384.33	7.20E-04	2.90E-04	3.82E-08	0.00101	0.04	0.00230	0.00331
HS1_0170 (HS)	566204.12	4222374.33	7.00E-04	4.00E-04	3.77E-08	0.00110	0.04	0.00233	0.00343
HS1_0190 (HS)	566214.12	4222374.33	7.00E-04	3.90E-04	3.76E-08	0.00109	0.04	0.00231	0.00340
HS1_0210 (HS)	566224.12	4222374.33	7.00E-04	3.80E-04	3.76E-08	0.00108	0.04	0.00230	0.00338
HS1_0231 (HS)	566234.12	4222374.33	7.00E-04	3.60E-04	3.75E-08	0.00106	0.04	0.00229	0.00335
HS1_0252 (HS)	566244.12	4222374.33	6.90E-04	3.60E-04	3.70E-08	0.00105	0.04	0.00228	0.00333
HS1_0274 (HS)	566254.12	4222374.33	6.90E-04	3.50E-04	3.69E-08	0.00104	0.04	0.00227	0.00331
HS1_0297 (HS)	566264.12	4222374.33	6.90E-04	3.40E-04	3.69E-08	0.00103	0.04	0.00226	0.00329
HS1_0322 (HS)	566274.12	4222374.33	6.90E-04	3.30E-04	3.68E-08	0.00102	0.04	0.00225	0.00327
HS1_0348 (HS)	566284.12	4222374.33	6.90E-04	3.20E-04	3.68E-08	0.00101	0.04	0.00224	0.00325
HS1_0373 (HS)	566294.12	4222374.33	6.90E-04	3.10E-04	3.68E-08	0.00100	0.04	0.00223	0.00323
HS1_0397 (HS)	566304.12	4222374.33	6.90E-04	3.10E-04	3.68E-08	0.00100	0.04	0.00222	0.00322
HS1_0420 (HS)	566314.12	4222374.33	6.80E-04	3.00E-04	3.62E-08	0.00098	0.04	0.00221	0.00319
HS1_0442 (HS)	566324.12	4222374.33	6.80E-04	2.90E-04	3.62E-08	0.00097	0.04	0.00219	0.00316
HS1_0462 (HS)	566334.12	4222374.33	6.80E-04	2.90E-04	3.62E-08	0.00097	0.04	0.00217	0.00314
HS1_0478 (HS)	566344.12	4222374.33	6.70E-04	2.80E-04	3.56E-08	0.00095	0.04	0.00216	0.00311
HS1_0230 (HS)	566234.12	4222364.33	6.60E-04	3.50E-04	3.54E-08	0.00101	0.04	0.00216	0.00317
HS1_0251 (HS)	566244.12	4222364.33	6.50E-04	3.40E-04	3.48E-08	0.00099	0.03	0.00215	0.00314
HS1_0273 (HS)	566254.12	4222364.33	6.50E-04	3.30E-04	3.48E-08	0.00098	0.03	0.00214	0.00312
HS1_0296 (HS)	566264.12	4222364.33	6.50E-04	3.20E-04	3.48E-08	0.00097	0.03	0.00213	0.00310
HS1_0321 (HS)	566274.12	4222364.33	6.50E-04	3.10E-04	3.47E-08	0.00096	0.03	0.00212	0.00308
HS1_0347 (HS)	566284.12	4222364.33	6.50E-04	3.00E-04	3.47E-08	0.00095	0.03	0.00211	0.00306
HS1_0372 (HS)	566294.12	4222364.33	6.50E-04	3.00E-04	3.47E-08	0.00095	0.03	0.00210	0.00305
HS1_0396 (HS)	566304.12	4222364.33	6.50E-04	2.90E-04	3.46E-08	0.00094	0.03	0.00209	0.00303
HS1_0419 (HS)	566314.12	4222364.33	6.40E-04	2.80E-04	3.41E-08	0.00092	0.03	0.00208	0.00300
HS1_0441 (HS)	566324.12	4222364.33	6.40E-04	2.80E-04	3.41E-08	0.00092	0.03	0.00206	0.00298
HS1_0461 (HS)	566334.12	4222364.33	6.40E-04	2.70E-04	3.40E-08	0.00091	0.03	0.00205	0.00296
HS1_0477 (HS)	566344.12	4222364.33	6.30E-04	2.70E-04	3.35E-08	0.00090	0.03	0.00204	0.00294
HS1_0320 (HS)	566274.12	4222354.33	6.10E-04	2.90E-04	3.26E-08	0.00090	0.03	0.00200	0.00290
HS1_0346 (HS)	566284.12	4222354.33	6.10E-04	2.90E-04	3.26E-08	0.00090	0.03	0.00199	0.00289
HS1_0371 (HS)	566294.12	4222354.33	6.10E-04	2.80E-04	3.25E-08	0.00089	0.03	0.00198	0.00287
HS1_0395 (HS)	566304.12	4222354.33	6.10E-04	2.80E-04	3.25E-08	0.00089	0.03	0.00198	0.00287
HS1_0418 (HS)	566314.12	4222354.33	6.10E-04	2.70E-04	3.25E-08	0.00088	0.03	0.00196	0.00284
HS1_0440 (HS)	566324.12	4222354.33	6.00E-04	2.70E-04	3.20E-08	0.00087	0.03	0.00195	0.00282
HS1_0460 (HS)	566334.12	4222354.33	6.00E-04	2.60E-04	3.19E-08	0.00086	0.03	0.00194	0.00280
HS1_0394 (HS)	566304.12	4222344.33	5.70E-04	2.70E-04	3.04E-08	0.00084	0.03	0.00187	0.00271
HS1_0417 (HS)	566314.12	4222344.33	5.70E-04	2.60E-04	3.04E-08	0.00083	0.03	0.00186	0.00269
HS1_0439 (HS)	566324.12	4222344.33	5.70E-04	2.50E-04	3.03E-08	0.00082	0.03	0.00185	0.00267
HS1_0459 (HS)	566334.12	4222344.33	5.70E-04	2.50E-04	3.03E-08	0.00082	0.03	0.00183	0.00265
Off-site Middle School Receptors									
MS1_0386 (MS)	566039.01	4222617.47	4.13E-03	1.56E-03	2.19E-07	0.00569	0.22	0.01309	0.01878
MS1_0416 (MS)	566059.01	4222607.47	4.06E-03	2.01E-03	2.17E-07	0.00607	0.22	0.01331	0.01938
MS1_0444 (MS)	566079.01	4222597.47	3.95E-03	2.85E-03	2.15E-07	0.00680	0.22	0.01375	0.02055
MS1_0370 (MS)	566029.01	4222617.47	3.91E-03	1.39E-03	2.07E-07	0.00530	0.21	0.01231	0.01761
MS1_0401 (MS)	566049.01	4222607.47	3.87E-03	1.73E-03	2.06E-07	0.00560	0.21	0.01252	0.01812
MS1_0430 (MS)	566069.01	4222597.47	3.77E-03	2.32E-03	2.04E-07	0.00609	0.20	0.01278	0.01887
MS1_0338 (MS)	566009.01	4222627.47	3.85E-03	1.18E-03	2.03E-07	0.00503	0.20	0.01195	0.01698
MS1_0451 (MS)	566089.01	4222587.47	3.66E-03	3.24E-03	2.02E-07	0.00690	0.20	0.01332	0.02022
MS1_0286 (MS)	565979.01	4222647.47	3.77E-03	9.80E-04	1.98E-07	0.00475	0.20	0.01155	0.01630
MS1_0385 (MS)	566039.01	4222607.47	3.69E-03	1.52E-03	1.96E-07	0.00521	0.20	0.01181	0.01702
MS1_0304 (MS)	565989.01	4222637.47	3.71E-03	1.03E-03	1.95E-07	0.00474	0.19	0.01143	0.01617
MS1_0354 (MS)	566019.01	4222617.47	3.69E-03	1.26E-03	1.95E-07	0.00495	0.19	0.01158	0.01653
MS1_0415 (MS)	566059.01	4222597.47	3.61E-03	1.95E-03	1.94E-07	0.00556	0.19	0.01198	0.01754
MS1_0443 (MS)	566079.01	4222587.47	3.52E-03	2.68E-03	1.92E-07	0.00620	0.19	0.01238	0.01858
MS1_0321 (MS)	565999.01	4222627.47	3.62E-03	1.09E-03	1.91E-07	0.00471	0.19	0.01122	0.01593
MS1_0369 (MS)	566029.01	4222607.47	3.51E-03	1.36E-03	1.86E-07	0.00487	0.19	0.01116	0.01603
MS1_0400 (MS)	566049.01	4222597.47	3.46E-03	1.68E-03	1.85E-07	0.00514	0.18	0.01130	0.01644
MS1_0267 (MS)	565969.01	4222647.47	3.52E-03	9.20E-04	1.85E-07	0.00444	0.18	0.01080	0.01524
MS1_0248 (MS)	565959.01	4222657.47	3.52E-03	8.80E-04	1.85E-07	0.00440	0.18	0.01079	0.01519
MS1_0337 (MS)	566009.01	4222617.47	3.49E-03	1.15E-03	1.84E-07	0.00464	0.18	0.01092	0.01556
MS1_0228 (MS)	565949.01	4222667.47	3.50E-03	8.50E-04	1.83E-07	0.00435	0.18	0.01070	0.01505
MS1_0285 (MS)	565979.01	4222637.47	3.48E-03	9.60E-04	1.83E-07	0.00444	0.18	0.01072	0.01516
MS1_0429 (MS)	566069.01	4222587.47	3.37E-03	2.19E-03	1.82E-07	0.00556	0.18	0.01152	0.01708
MS1_0450 (MS)	566089.01	4222577.47	3.28E-03	2.86E-03	1.81E-07	0.00614	0.18	0.01189	0.01803
MS1_0303 (MS)	565989.01	4222627.47	3.40E-03	1.01E-03	1.79E-07	0.00441	0.18	0.01055	0.01496
MS1_0353 (MS)	566019.01	4222607.47	3.34E-03	1.23E-03	1.77E-07	0.00457	0.18	0.01055	0.01512
MS1_0384 (MS)	566039.01	4222597.47	3.31E-03	1.47E-03	1.76E-07	0.00478	0.18	0.01069	0.01547
MS1_0320 (MS)	565999.01	4222617.47	3.30E-03	1.06E-03	1.74E-07	0.00436	0.17	0.01030	0.01466
MS1_0414 (MS)	566059.01	4222587.47	3.23E-03	1.84E-03	1.74E-07	0.00507	0.17	0.01082	0.01589
MS1_0247 (MS)	565959.01	4222647.47	3.29E-03	8.60E-04	1.73E-07	0.00415	0.17	0.01012	0.01427
MS1_0442 (MS)	566079.01	4222577.47	3.16E-03	2.41E-03	1.73E-07	0.00557	0.17	0.01112	0.01669
MS1_0227 (MS)	565949.01	4222657.47	3.29E-03	8.30E-04	1.73E-07	0.00412	0.17	0.01010	0.01422
MS1_0266 (MS)	565969.01	4222637.47	3.26E-03	9.00E-04	1.71E-07	0.00416	0.17	0.01007	0.01423
MS1_0284 (MS)	565979.01	4222627.47	3.21E-03	9.40E-04	1.69E-07	0.00415	0.17	0.00994	0.01409
MS1_0368 (MS)	566029.01	4222597.47	3.16E-03	1.31E-03	1.68E-07	0.00447	0.17	0.0101	

MS1_0226 (MS)	565949.01	4222647.47	3.09E-03	8.10E-04	1.62E-07	0.00390	0.16	0.00951	0.01341
MS1_0207 (MS)	565939.01	4222657.47	3.09E-03	7.90E-04	1.62E-07	0.00388	0.16	0.00947	0.01335
MS1_0449 (MS)	566089.01	4222567.47	2.94E-03	2.54E-03	1.62E-07	0.00548	0.16	0.01061	0.01609
MS1_0246 (MS)	565959.01	4222637.47	3.07E-03	8.40E-04	1.61E-07	0.00391	0.16	0.00948	0.01339
MS1_0352 (MS)	566019.01	4222597.47	3.02E-03	1.19E-03	1.60E-07	0.00421	0.16	0.00963	0.01384
MS1_0383 (MS)	566039.01	4222587.47	2.99E-03	1.40E-03	1.60E-07	0.00439	0.16	0.00971	0.01410
MS1_0319 (MS)	565999.01	4222607.47	3.02E-03	1.03E-03	1.59E-07	0.00405	0.16	0.00948	0.01353
MS1_0265 (MS)	565969.01	4222627.47	3.03E-03	8.80E-04	1.59E-07	0.00391	0.16	0.00937	0.01328
MS1_0413 (MS)	566059.01	4222577.47	2.92E-03	1.71E-03	1.57E-07	0.00463	0.16	0.00979	0.01442
MS1_0283 (MS)	565979.01	4222617.47	2.96E-03	9.10E-04	1.56E-07	0.00387	0.16	0.00921	0.01308
MS1_0441 (MS)	566079.01	4222567.47	2.84E-03	2.19E-03	1.55E-07	0.00503	0.16	0.00999	0.01502
MS1_0335 (MS)	566009.01	4222597.47	2.89E-03	1.08E-03	1.53E-07	0.00397	0.15	0.00916	0.01313
MS1_0367 (MS)	566029.01	4222587.47	2.87E-03	1.25E-03	1.53E-07	0.00412	0.15	0.00924	0.01336
MS1_0206 (MS)	565939.01	4222647.47	2.91E-03	7.70E-04	1.53E-07	0.00368	0.15	0.00895	0.01263
MS1_0225 (MS)	565949.01	4222637.47	2.90E-03	7.90E-04	1.52E-07	0.00369	0.15	0.00894	0.01263
MS1_0301 (MS)	565989.01	4222607.47	2.87E-03	9.50E-04	1.51E-07	0.00382	0.15	0.00899	0.01281
MS1_0398 (MS)	566049.01	4222577.47	2.81E-03	1.49E-03	1.51E-07	0.00430	0.15	0.00929	0.01359
MS1_0245 (MS)	565959.01	4222627.47	2.86E-03	8.20E-04	1.50E-07	0.00368	0.15	0.00885	0.01253
MS1_0427 (MS)	566069.01	4222567.47	2.73E-03	1.85E-03	1.48E-07	0.00458	0.15	0.00938	0.01396
MS1_0264 (MS)	565969.01	4222617.47	2.81E-03	8.50E-04	1.48E-07	0.00366	0.15	0.00872	0.01238
MS1_0351 (MS)	566019.01	4222587.47	2.75E-03	1.13E-03	1.46E-07	0.00388	0.15	0.00881	0.01269
MS1_0318 (MS)	565999.01	4222597.47	2.76E-03	9.90E-04	1.46E-07	0.00375	0.15	0.00872	0.01247
MS1_0448 (MS)	566089.01	4222557.47	2.65E-03	2.26E-03	1.46E-07	0.00491	0.15	0.00950	0.01441
MS1_0382 (MS)	566039.01	4222577.47	2.71E-03	1.32E-03	1.45E-07	0.00403	0.14	0.00885	0.01288
MS1_0282 (MS)	565979.01	4222607.47	2.73E-03	8.90E-04	1.44E-07	0.00362	0.14	0.00854	0.01216
MS1_0187 (MS)	565929.01	4222647.47	2.74E-03	7.30E-04	1.44E-07	0.00347	0.14	0.00843	0.01190
MS1_0205 (MS)	565939.01	4222637.47	2.73E-03	7.50E-04	1.43E-07	0.00348	0.14	0.00843	0.01191
MS1_0224 (MS)	565949.01	4222627.47	2.71E-03	7.70E-04	1.42E-07	0.00348	0.14	0.00837	0.01185
MS1_0412 (MS)	566059.01	4222567.47	2.63E-03	1.59E-03	1.42E-07	0.00422	0.14	0.00888	0.01310
MS1_0440 (MS)	566079.01	4222557.47	2.57E-03	1.98E-03	1.40E-07	0.00455	0.14	0.00900	0.01355
MS1_0244 (MS)	565959.01	4222617.47	2.66E-03	8.00E-04	1.40E-07	0.00346	0.14	0.00827	0.01173
MS1_0334 (MS)	566009.01	4222587.47	2.64E-03	1.03E-03	1.40E-07	0.00367	0.14	0.00840	0.01207
MS1_0300 (MS)	565989.01	4222597.47	2.64E-03	9.20E-04	1.40E-07	0.00356	0.14	0.00830	0.01186
MS1_0366 (MS)	566029.01	4222577.47	2.61E-03	1.18E-03	1.39E-07	0.00379	0.14	0.00845	0.01224
MS1_0263 (MS)	565969.01	4222607.47	2.60E-03	8.30E-04	1.37E-07	0.00343	0.14	0.00812	0.01155
MS1_0397 (MS)	566049.01	4222567.47	2.54E-03	1.40E-03	1.36E-07	0.00394	0.14	0.00845	0.01239
MS1_0186 (MS)	565929.01	4222637.47	2.58E-03	7.10E-04	1.36E-07	0.00329	0.14	0.00797	0.01126
MS1_0204 (MS)	565939.01	4222627.47	2.56E-03	7.30E-04	1.35E-07	0.00329	0.13	0.00793	0.01122
MS1_0426 (MS)	566069.01	4222557.47	2.47E-03	1.68E-03	1.34E-07	0.00415	0.13	0.00848	0.01263
MS1_0317 (MS)	565999.01	4222587.47	2.53E-03	9.50E-04	1.34E-07	0.00348	0.13	0.00803	0.01151
MS1_0350 (MS)	566019.01	4222577.47	2.51E-03	1.08E-03	1.34E-07	0.00359	0.13	0.00807	0.01166
MS1_0281 (MS)	565979.01	4222597.47	2.52E-03	8.50E-04	1.33E-07	0.00337	0.13	0.00792	0.01129
MS1_0223 (MS)	565949.01	4222617.47	2.52E-03	7.50E-04	1.33E-07	0.00327	0.13	0.00784	0.01111
MS1_0381 (MS)	566039.01	4222567.47	2.46E-03	1.24E-03	1.32E-07	0.00370	0.13	0.00808	0.01178
MS1_0447 (MS)	566089.01	4222547.47	2.40E-03	1.92E-03	1.31E-07	0.00432	0.13	0.00844	0.01276
MS1_0243 (MS)	565959.01	4222607.47	2.47E-03	7.70E-04	1.30E-07	0.00324	0.13	0.00772	0.01096
MS1_0411 (MS)	566059.01	4222557.47	2.39E-03	1.47E-03	1.29E-07	0.00386	0.13	0.00806	0.01192
MS1_0299 (MS)	565989.01	4222587.47	2.43E-03	8.80E-04	1.29E-07	0.00331	0.13	0.00767	0.01098
MS1_0333 (MS)	566009.01	4222577.47	2.42E-03	9.90E-04	1.29E-07	0.00341	0.13	0.00773	0.01114
MS1_0168 (MS)	565919.01	4222637.47	2.44E-03	6.70E-04	1.28E-07	0.00311	0.13	0.00754	0.01065
MS1_0185 (MS)	565929.01	4222627.47	2.43E-03	6.90E-04	1.28E-07	0.00312	0.13	0.00752	0.01064
MS1_0262 (MS)	565969.01	4222597.47	2.41E-03	8.00E-04	1.27E-07	0.00321	0.13	0.00755	0.01076
MS1_0439 (MS)	566079.01	4222547.47	2.33E-03	1.73E-03	1.27E-07	0.00406	0.13	0.00807	0.01213
MS1_0365 (MS)	566029.01	4222567.47	2.38E-03	1.12E-03	1.27E-07	0.00350	0.13	0.00774	0.01124
MS1_0203 (MS)	565939.01	4222617.47	2.40E-03	7.10E-04	1.26E-07	0.00311	0.13	0.00745	0.01056
MS1_0396 (MS)	566049.01	4222557.47	2.31E-03	1.30E-03	1.24E-07	0.00361	0.12	0.00770	0.01131
MS1_0222 (MS)	565949.01	4222607.47	2.35E-03	7.30E-04	1.24E-07	0.00308	0.12	0.00734	0.01042
MS1_0280 (MS)	565979.01	4222587.47	2.33E-03	8.20E-04	1.23E-07	0.00315	0.12	0.00734	0.01049
MS1_0316 (MS)	565999.01	4222577.47	2.32E-03	9.10E-04	1.23E-07	0.00323	0.12	0.00741	0.01064
MS1_0349 (MS)	566019.01	4222567.47	2.30E-03	1.02E-03	1.22E-07	0.00332	0.12	0.00742	0.01074
MS1_0425 (MS)	566069.01	4222547.47	2.24E-03	1.49E-03	1.21E-07	0.00373	0.12	0.00765	0.01138
MS1_0242 (MS)	565959.01	4222597.47	2.30E-03	7.50E-04	1.21E-07	0.00305	0.12	0.00720	0.01025
MS1_0167 (MS)	565919.01	4222627.47	2.30E-03	6.50E-04	1.21E-07	0.00295	0.12	0.00713	0.01008
MS1_0446 (MS)	566089.01	4222537.47	2.20E-03	1.70E-03	1.20E-07	0.00390	0.12	0.00765	0.01155
MS1_0380 (MS)	566039.01	4222557.47	2.24E-03	1.16E-03	1.20E-07	0.00340	0.12	0.00739	0.01079
MS1_0184 (MS)	565929.01	4222617.47	2.28E-03	6.70E-04	1.20E-07	0.00295	0.12	0.00709	0.01004
MS1_0298 (MS)	565989.01	4222577.47	2.24E-03	8.50E-04	1.19E-07	0.00309	0.12	0.00710	0.01019
MS1_0332 (MS)	566009.01	4222567.47	2.22E-03	9.40E-04	1.18E-07	0.00316	0.12	0.00713	0.01029
MS1_0202 (MS)	565939.01	4222607.47	2.24E-03	6.90E-04	1.18E-07	0.00293	0.12	0.00699	0.00992
MS1_0261 (MS)	565969.01	4222587.47	2.23E-03	7.70E-04	1.18E-07	0.00300	0.12	0.00703	0.01003
MS1_0410 (MS)	566059.01	4222547.47	2.17E-03	1.32E-03	1.17E-07	0.00349	0.12	0.00730	0.01079
MS1_0364 (MS)	566029.01	4222557.47	2.18E-03	1.06E-03	1.16E-07	0.00324	0.12	0.00710	0.01034
MS1_0438 (MS)	566079.01	4222537.47	2.13E-03	1.56E-03	1.16E-07	0.00369	0.12	0.00735	0.01104
MS1_0221 (MS)	565949.01	4222597.47	2.20E-03	7.00E-04	1.16E-07	0.00290	0.12	0.00688	0.00978
MS1_0150 (MS)	565909.01	4222627.47	2.19E-03	6.20E-04	1.15E-07	0.00281	0.12	0.00678	0.00959
MS1_0166 (MS)	565919.01	4222617.47	2.17E-03	6.30E-04	1.14E-07	0.00280	0.11	0.00675	0.00955
MS1_0279 (MS)	565979.01	4222577.47	2.15E-03	7.90E-04	1.14E-07	0.00294	0.11	0.00681	0.00975
MS1_0315 (MS)	565999.01	4222567.47	2.14E-03	8.70E-04	1.14E-07	0.00301	0.11	0.00685	0.00986
MS1_0395 (MS)	566049.01	4222547.47	2.11E-03	1.18E-03	1.13E-07	0.00329	0.11	0.00702	0.01031
MS1_0241 (MS)	565959.01	4222587.47	2.14E-03	7.20E-04	1.13E-07	0.00286	0.11	0.00673	0.00959
MS1_0183 (MS)	565929.01	4222607.47	2.14E-03	6.50E-04	1.13E-07	0.00279	0.11	0.00667	0.00946
MS1_0348 (MS)	566019.01	4222557.47	2.11E-03	9.70E-04	1.13E-07	0.00308	0.11	0.00683	0.00991
MS1_0424 (MS)	566069.01	4222537.47	2.06E-03	1.35E-03	1.12E-07	0.00341	0.11	0.00699	0.01040
MS1_0445 (MS)	566089.01	4222527.47	2.03E-03	1.56E-03	1.11E-07	0.00359	0.11	0.00701	0.01060
MS1_0201 (MS)	565939.01	4222597.47	2.10E-03	6.60E-04	1.11E-07	0.00276	0.11	0.00657	0.00933
MS1_0379 (MS)	566039.01	4222547.47	2.05E-03	1.07E-03	1.10E-07	0.00312	0.11	0.00676	0.00988
MS1_0297 (MS)	565989.01	4222567.47	2.07E-03	8.10E-04	1.10E-07	0.00288	0.11	0.00659	0.00947
MS1_0260 (MS)	565969.01	4222577.47	2.07E-03	7.40E-04	1.09E-07	0.00281	0.11	0.00654	0.00935
MS1_0149 (MS)	565909.01	4222617.47	2.07E-03	6.00E-04	1.09E-07	0.00267	0.11	0.00643	0.00910
MS1_0331 (MS)	566009.01	4222557.47	2.04E-03	8.90E-04	1.09E-07	0.00293	0.11	0.00658	0.00951
MS1_0220 (MS)	565949.01	4222587.47	2.05E-03	6.80E-04	1.08E-07	0.00273	0.11	0.00644	0.00917
MS1_0165 (MS)	565919.01	4222607.47	2.05E-03	6.10E-04	1.08E-07	0.00266	0.11	0.00638	0.00904
MS1_0409 (MS)	566059.01	4222537.47	2.00E-03	1.20E-03	1.08E-07	0.00320	0.11	0.00669	0.00989
MS1_0437 (MS)	566079.01	4222527.47	1.97E-03	1.44E-03	1.07E-0				

MS1_0240 (MS)	565959.01	4222577.47	1.99E-03	6.90E-04	1.05E-07	0.00268	0.11	0.00628	0.00896
MS1_0394 (MS)	566049.01	4222537.47	1.94E-03	1.09E-03	1.04E-07	0.00303	0.10	0.00645	0.00948
MS1_0133 (MS)	565899.01	4222617.47	1.98E-03	5.70E-04	1.04E-07	0.00255	0.10	0.00613	0.00868
MS1_0200 (MS)	565939.01	4222587.47	1.97E-03	6.40E-04	1.04E-07	0.00261	0.10	0.00617	0.00878
MS1_0347 (MS)	566019.01	4222547.47	1.94E-03	9.00E-04	1.03E-07	0.00284	0.10	0.00629	0.00913
MS1_0148 (MS)	565909.01	4222607.47	1.96E-03	5.80E-04	1.03E-07	0.00254	0.10	0.00609	0.00863
MS1_0423 (MS)	566069.01	4222527.47	1.90E-03	1.25E-03	1.03E-07	0.00315	0.10	0.00642	0.00957
MS1_0259 (MS)	565969.01	4222567.47	1.93E-03	7.10E-04	1.02E-07	0.00264	0.10	0.00610	0.00874
MS1_0296 (MS)	565989.01	4222557.47	1.92E-03	7.70E-04	1.02E-07	0.00269	0.10	0.00612	0.00881
MS1_0164 (MS)	565919.01	4222597.47	1.93E-03	5.90E-04	1.02E-07	0.00252	0.10	0.00602	0.00854
MS1_0219 (MS)	565949.01	4222577.47	1.92E-03	6.50E-04	1.01E-07	0.00257	0.10	0.00604	0.00861
MS1_0378 (MS)	566039.01	4222537.47	1.89E-03	9.90E-04	1.01E-07	0.00288	0.10	0.00623	0.00911
MS1_0330 (MS)	566009.01	4222547.47	1.88E-03	8.30E-04	1.00E-07	0.00271	0.10	0.00608	0.00879
MS1_0181 (MS)	565929.01	4222587.47	1.89E-03	6.10E-04	9.97E-08	0.00250	0.10	0.00592	0.00842
MS1_0436 (MS)	566079.01	4222517.47	1.82E-03	1.35E-03	9.93E-08	0.00317	0.10	0.00626	0.00943
MS1_0408 (MS)	566059.01	4222527.47	1.84E-03	1.11E-03	9.93E-08	0.00295	0.10	0.00616	0.00911
MS1_0277 (MS)	565979.01	4222557.47	1.86E-03	7.20E-04	9.86E-08	0.00258	0.10	0.00590	0.00848
MS1_0362 (MS)	566029.01	4222537.47	1.84E-03	9.10E-04	9.84E-08	0.00275	0.10	0.00602	0.00877
MS1_0132 (MS)	565899.01	4222607.47	1.87E-03	5.50E-04	9.84E-08	0.00242	0.10	0.00582	0.00824
MS1_0239 (MS)	565959.01	4222567.47	1.86E-03	6.60E-04	9.83E-08	0.00252	0.10	0.00588	0.00840
MS1_0199 (MS)	565939.01	4222577.47	1.85E-03	6.20E-04	9.77E-08	0.00247	0.10	0.00580	0.00827
MS1_0147 (MS)	565909.01	4222597.47	1.85E-03	5.60E-04	9.74E-08	0.00241	0.10	0.00577	0.00818
MS1_0313 (MS)	565999.01	4222547.47	1.83E-03	7.80E-04	9.73E-08	0.00261	0.10	0.00588	0.00849
MS1_0393 (MS)	566049.01	4222527.47	1.79E-03	1.01E-03	9.63E-08	0.00280	0.10	0.00595	0.00875
MS1_0346 (MS)	566019.01	4222537.47	1.80E-03	8.40E-04	9.60E-08	0.00264	0.10	0.00583	0.00847
MS1_0163 (MS)	565919.01	4222587.47	1.82E-03	5.70E-04	9.59E-08	0.00239	0.10	0.00569	0.00808
MS1_0422 (MS)	566069.01	4222517.47	1.76E-03	1.17E-03	9.54E-08	0.00293	0.10	0.00594	0.00887
MS1_0258 (MS)	565969.01	4222557.47	1.80E-03	6.70E-04	9.53E-08	0.00247	0.10	0.00570	0.00817
MS1_0218 (MS)	565949.01	4222567.47	1.80E-03	6.30E-04	9.51E-08	0.00243	0.10	0.00566	0.00809
MS1_0295 (MS)	565989.01	4222547.47	1.78E-03	7.30E-04	9.45E-08	0.00251	0.09	0.00569	0.00820
MS1_0117 (MS)	565889.01	4222607.47	1.79E-03	5.30E-04	9.42E-08	0.00232	0.09	0.00556	0.00788
MS1_0180 (MS)	565929.01	4222577.47	1.78E-03	5.80E-04	9.39E-08	0.00236	0.09	0.00558	0.00794
MS1_0377 (MS)	566039.01	4222527.47	1.75E-03	9.20E-04	9.38E-08	0.00267	0.09	0.00576	0.00843
MS1_0329 (MS)	566009.01	4222537.47	1.75E-03	7.90E-04	9.33E-08	0.00254	0.09	0.00565	0.00819
MS1_0131 (MS)	565899.01	4222597.47	1.77E-03	5.40E-04	9.32E-08	0.00231	0.09	0.00553	0.00784
MS1_0435 (MS)	566079.01	4222507.47	1.70E-03	1.30E-03	9.29E-08	0.00300	0.09	0.00584	0.00884
MS1_0407 (MS)	566059.01	4222517.47	1.71E-03	1.04E-03	9.23E-08	0.00275	0.09	0.00570	0.00845
MS1_0146 (MS)	565909.01	4222587.47	1.75E-03	5.50E-04	9.22E-08	0.00230	0.09	0.00546	0.00776
MS1_0238 (MS)	565959.01	4222557.47	1.74E-03	6.30E-04	9.21E-08	0.00237	0.09	0.00550	0.00787
MS1_0276 (MS)	565979.01	4222547.47	1.73E-03	6.80E-04	9.18E-08	0.00241	0.09	0.00551	0.00792
MS1_0361 (MS)	566029.01	4222527.47	1.71E-03	8.50E-04	9.15E-08	0.00256	0.09	0.00558	0.00814
MS1_0198 (MS)	565939.01	4222567.47	1.73E-03	5.90E-04	9.14E-08	0.00232	0.09	0.00545	0.00777
MS1_0162 (MS)	565919.01	4222577.47	1.72E-03	5.50E-04	9.07E-08	0.00227	0.09	0.00537	0.00764
MS1_0312 (MS)	565999.01	4222537.47	1.70E-03	7.30E-04	9.04E-08	0.00243	0.09	0.00547	0.00790
MS1_0116 (MS)	565889.01	4222597.47	1.70E-03	5.10E-04	8.95E-08	0.00221	0.09	0.00530	0.00751
MS1_0392 (MS)	566049.01	4222517.47	1.66E-03	9.40E-04	8.93E-08	0.00260	0.09	0.00551	0.00811
MS1_0345 (MS)	566019.01	4222527.47	1.67E-03	7.90E-04	8.91E-08	0.00246	0.09	0.00542	0.00788
MS1_0257 (MS)	565969.01	4222547.47	1.68E-03	6.40E-04	8.90E-08	0.00232	0.09	0.00533	0.00765
MS1_0217 (MS)	565949.01	4222557.47	1.68E-03	6.00E-04	8.88E-08	0.00228	0.09	0.00531	0.00759
MS1_0130 (MS)	565899.01	4222587.47	1.68E-03	5.20E-04	8.85E-08	0.00220	0.09	0.00525	0.00745
MS1_0421 (MS)	566069.01	4222507.47	1.63E-03	1.11E-03	8.85E-08	0.00274	0.09	0.00553	0.00827
MS1_0294 (MS)	565989.01	4222537.47	1.66E-03	6.90E-04	8.82E-08	0.00235	0.09	0.00531	0.00766
MS1_0179 (MS)	565929.01	4222567.47	1.67E-03	5.60E-04	8.82E-08	0.00223	0.09	0.00526	0.00749
MS1_0434 (MS)	566079.01	4222497.47	1.59E-03	1.27E-03	8.71E-08	0.00286	0.09	0.00549	0.00835
MS1_0145 (MS)	565909.01	4222577.47	1.65E-03	5.30E-04	8.70E-08	0.00218	0.09	0.00517	0.00735
MS1_0376 (MS)	566039.01	4222517.47	1.62E-03	8.70E-04	8.69E-08	0.00249	0.09	0.00534	0.00783
MS1_0328 (MS)	566009.01	4222527.47	1.63E-03	7.40E-04	8.69E-08	0.00237	0.09	0.00526	0.00763
MS1_0237 (MS)	565959.01	4222547.47	1.63E-03	6.10E-04	8.63E-08	0.00224	0.09	0.00515	0.00739
MS1_0197 (MS)	565939.01	4222557.47	1.63E-03	5.70E-04	8.61E-08	0.00220	0.09	0.00513	0.00733
MS1_0406 (MS)	566059.01	4222507.47	1.59E-03	9.90E-04	8.59E-08	0.00258	0.09	0.00531	0.00789
MS1_0102 (MS)	565879.01	4222597.47	1.63E-03	4.90E-04	8.58E-08	0.00212	0.09	0.00509	0.00721
MS1_0275 (MS)	565979.01	4222537.47	1.61E-03	6.50E-04	8.55E-08	0.00226	0.09	0.00514	0.00740
MS1_0161 (MS)	565919.01	4222567.47	1.62E-03	5.30E-04	8.55E-08	0.00215	0.09	0.00507	0.00722
MS1_0115 (MS)	565889.01	4222587.47	1.62E-03	4.90E-04	8.53E-08	0.00211	0.09	0.00504	0.00715
MS1_0360 (MS)	566029.01	4222517.47	1.59E-03	8.00E-04	8.51E-08	0.00239	0.09	0.00519	0.00758
MS1_0311 (MS)	565999.01	4222527.47	1.59E-03	7.00E-04	8.47E-08	0.00229	0.08	0.00511	0.00740
MS1_0129 (MS)	565899.01	4222577.47	1.59E-03	5.00E-04	8.38E-08	0.00209	0.08	0.00498	0.00707
MS1_0216 (MS)	565949.01	4222547.47	1.58E-03	5.70E-04	8.36E-08	0.00215	0.08	0.00499	0.00714
MS1_0178 (MS)	565929.01	4222557.47	1.58E-03	5.40E-04	8.35E-08	0.00212	0.08	0.00495	0.00707
MS1_0391 (MS)	566049.01	4222507.47	1.55E-03	8.90E-04	8.34E-08	0.00244	0.08	0.00513	0.00757
MS1_0256 (MS)	565969.01	4222537.47	1.57E-03	6.10E-04	8.32E-08	0.00218	0.08	0.00499	0.00717
MS1_0344 (MS)	566019.01	4222517.47	1.55E-03	7.50E-04	8.28E-08	0.00230	0.08	0.00505	0.00735
MS1_0420 (MS)	566069.01	4222497.47	1.52E-03	1.07E-03	8.26E-08	0.00259	0.08	0.00518	0.00777
MS1_0293 (MS)	565989.01	4222527.47	1.55E-03	6.50E-04	8.24E-08	0.00220	0.08	0.00496	0.00716
MS1_0144 (MS)	565909.01	4222567.47	1.56E-03	5.10E-04	8.23E-08	0.00207	0.08	0.00489	0.00696
MS1_0101 (MS)	565879.01	4222587.47	1.56E-03	4.70E-04	8.21E-08	0.00203	0.08	0.00485	0.00688
MS1_0433 (MS)	566079.01	4222487.47	1.49E-03	1.26E-03	8.19E-08	0.00275	0.08	0.00519	0.00794
MS1_0114 (MS)	565889.01	4222577.47	1.54E-03	4.80E-04	8.11E-08	0.00202	0.08	0.00480	0.00682
MS1_0375 (MS)	566039.01	4222507.47	1.51E-03	8.20E-04	8.11E-08	0.00233	0.08	0.00497	0.00730
MS1_0327 (MS)	566009.01	4222517.47	1.52E-03	7.00E-04	8.11E-08	0.00222	0.08	0.00491	0.00713
MS1_0196 (MS)	565939.01	4222547.47	1.53E-03	5.40E-04	8.09E-08	0.00207	0.08	0.00483	0.00690
MS1_0236 (MS)	565959.01	4222537.47	1.52E-03	5.80E-04	8.05E-08	0.00210	0.08	0.00484	0.00694
MS1_0160 (MS)	565919.01	4222557.47	1.52E-03	5.10E-04	8.02E-08	0.00203	0.08	0.00479	0.00682
MS1_0274 (MS)	565979.01	4222527.47	1.51E-03	6.20E-04	8.02E-08	0.00213	0.08	0.00481	0.00694
MS1_0405 (MS)	566059.01	4222497.47	1.48E-03	9.50E-04	8.01E-08	0.00243	0.08	0.00496	0.00739
MS1_0128 (MS)	565899.01	4222567.47	1.51E-03	4.80E-04	7.96E-08	0.00199	0.08	0.00472	0.00671
MS1_0359 (MS)	566029.01	4222507.47	1.48E-03	7.60E-04	7.93E-08	0.00224	0.08	0.00483	0.00707
MS1_0088 (MS)	565869.01	4222587.47	1.50E-03	4.50E-04	7.90E-08	0.00195	0.08	0.00468	0.00663
MS1_0310 (MS)	565999.01	4222517.47	1.48E-03	6.60E-04	7.88E-08	0.00214	0.08	0.00478	0.00692
MS1_0215 (MS)	565949.01	4222537.47	1.48E-03	5.50E-04	7.84E-08	0.00203	0.08	0.00469	0.00672
MS1_0177 (MS)	565929.01	4222547.47	1.48E-03	5.20E-04	7.82E-08	0.00200	0.08	0.00467	0.00667
MS1_0143 (MS)	565909.01	4222557.47	1.48E-03	4.90E-04	7.81E-08	0.00197	0.08	0.00463	0.00660
MS1_0255 (MS)	565969.01	4222527.47	1.47E-03	5.80E-04	7.80E-08	0.00205	0.08	0.00468	0.00673
MS1_0100 (MS)	565879.01	4222577.47	1.48E-03	4.60E-04	7.80E-0				

MS1_0113 (MS)	565889.01	4222567.47	1.46E-03	4.60E-04	7.69E-08	0.00192	0.08	0.00456	0.00648
MS1_0292 (MS)	565989.01	4222517.47	1.44E-03	6.20E-04	7.66E-08	0.00206	0.08	0.00464	0.00670
MS1_0195 (MS)	565939.01	4222537.47	1.44E-03	5.20E-04	7.62E-08	0.00196	0.08	0.00455	0.00651
MS1_0159 (MS)	565919.01	4222547.47	1.44E-03	4.90E-04	7.60E-08	0.00193	0.08	0.00452	0.00645
MS1_0235 (MS)	565959.01	4222527.47	1.43E-03	5.50E-04	7.58E-08	0.00198	0.08	0.00455	0.00653
MS1_0374 (MS)	566039.01	4222497.47	1.41E-03	7.80E-04	7.58E-08	0.00219	0.08	0.00464	0.00683
MS1_0127 (MS)	565899.01	4222557.47	1.43E-03	4.70E-04	7.54E-08	0.00190	0.08	0.00448	0.00638
MS1_0087 (MS)	565869.01	4222577.47	1.43E-03	4.40E-04	7.53E-08	0.00187	0.08	0.00446	0.00633
MS1_0326 (MS)	566009.01	4222507.47	1.41E-03	6.70E-04	7.53E-08	0.00208	0.08	0.00458	0.00666
MS1_0273 (MS)	565979.01	4222517.47	1.41E-03	5.90E-04	7.49E-08	0.00200	0.07	0.00451	0.00651
MS1_0404 (MS)	566059.01	4222487.47	1.38E-03	9.20E-04	7.48E-08	0.00230	0.07	0.00465	0.00695
MS1_0099 (MS)	565879.01	4222567.47	1.41E-03	4.40E-04	7.43E-08	0.00185	0.07	0.00440	0.00625
MS1_0176 (MS)	565929.01	4222537.47	1.40E-03	5.00E-04	7.40E-08	0.00190	0.07	0.00442	0.00632
MS1_0358 (MS)	566029.01	4222497.47	1.38E-03	7.20E-04	7.40E-08	0.00210	0.07	0.00451	0.00661
MS1_0214 (MS)	565949.01	4222527.47	1.39E-03	5.30E-04	7.37E-08	0.00192	0.07	0.00442	0.00634
MS1_0309 (MS)	565999.01	4222507.47	1.38E-03	6.30E-04	7.36E-08	0.00201	0.07	0.00447	0.00648
MS1_0142 (MS)	565909.01	4222547.47	1.39E-03	4.70E-04	7.34E-08	0.00186	0.07	0.00438	0.00624
MS1_0418 (MS)	566069.01	4222477.47	1.34E-03	1.04E-03	7.33E-08	0.00238	0.07	0.00460	0.00698
MS1_0112 (MS)	565889.01	4222557.47	1.38E-03	4.50E-04	7.28E-08	0.00183	0.07	0.00433	0.00616
MS1_0254 (MS)	565969.01	4222517.47	1.37E-03	5.60E-04	7.28E-08	0.00193	0.07	0.00439	0.00632
MS1_0075 (MS)	565859.01	4222577.47	1.38E-03	4.20E-04	7.27E-08	0.00180	0.07	0.00431	0.00611
MS1_0389 (MS)	566049.01	4222487.47	1.34E-03	8.20E-04	7.23E-08	0.00216	0.07	0.00449	0.00665
MS1_0342 (MS)	566019.01	4222497.47	1.35E-03	6.80E-04	7.22E-08	0.00203	0.07	0.00439	0.00642
MS1_0194 (MS)	565939.01	4222527.47	1.36E-03	5.00E-04	7.20E-08	0.00186	0.07	0.00430	0.00616
MS1_0158 (MS)	565919.01	4222537.47	1.36E-03	4.80E-04	7.19E-08	0.00184	0.07	0.00429	0.00613
MS1_0291 (MS)	565989.01	4222507.47	1.35E-03	5.90E-04	7.19E-08	0.00194	0.07	0.00435	0.00629
MS1_0086 (MS)	565869.01	4222567.47	1.36E-03	4.20E-04	7.16E-08	0.00178	0.07	0.00426	0.00604
MS1_0126 (MS)	565899.01	4222547.47	1.35E-03	4.50E-04	7.13E-08	0.00180	0.07	0.00424	0.00604
MS1_0431 (MS)	566079.01	4222467.47	1.29E-03	1.14E-03	7.11E-08	0.00243	0.07	0.00454	0.00697
MS1_0234 (MS)	565959.01	4222517.47	1.34E-03	5.30E-04	7.11E-08	0.00187	0.07	0.00428	0.00615
MS1_0098 (MS)	565879.01	4222557.47	1.34E-03	4.30E-04	7.07E-08	0.00177	0.07	0.00419	0.00596
MS1_0373 (MS)	566039.01	4222487.47	1.31E-03	7.50E-04	7.05E-08	0.00206	0.07	0.00435	0.00641
MS1_0325 (MS)	566009.01	4222497.47	1.32E-03	6.30E-04	7.05E-08	0.00195	0.07	0.00428	0.00623
MS1_0272 (MS)	565979.01	4222507.47	1.32E-03	5.60E-04	7.02E-08	0.00188	0.07	0.00423	0.00611
MS1_0403 (MS)	566059.01	4222477.47	1.29E-03	9.00E-04	7.01E-08	0.00219	0.07	0.00439	0.00658
MS1_0175 (MS)	565929.01	4222527.47	1.32E-03	4.80E-04	6.98E-08	0.00180	0.07	0.00418	0.00598
MS1_0141 (MS)	565909.01	4222537.47	1.32E-03	4.50E-04	6.97E-08	0.00177	0.07	0.00416	0.00593
MS1_0074 (MS)	565859.01	4222567.47	1.32E-03	4.10E-04	6.95E-08	0.00173	0.07	0.00411	0.00584
MS1_0213 (MS)	565949.01	4222517.47	1.31E-03	5.10E-04	6.95E-08	0.00182	0.07	0.00417	0.00599
MS1_0417 (MS)	566069.01	4222467.47	1.26E-03	1.04E-03	6.92E-08	0.00230	0.07	0.00437	0.00667
MS1_0111 (MS)	565889.01	4222547.47	1.31E-03	4.30E-04	6.91E-08	0.00174	0.07	0.00411	0.00585
MS1_0308 (MS)	565999.01	4222497.47	1.29E-03	6.00E-04	6.88E-08	0.00189	0.07	0.00418	0.00607
MS1_0357 (MS)	566029.01	4222487.47	1.28E-03	6.90E-04	6.87E-08	0.00197	0.07	0.00423	0.00620
MS1_0253 (MS)	565969.01	4222507.47	1.29E-03	5.30E-04	6.85E-08	0.00182	0.07	0.00413	0.00595
MS1_0085 (MS)	565869.01	4222557.47	1.30E-03	4.10E-04	6.85E-08	0.00171	0.07	0.00406	0.00577
MS1_0157 (MS)	565919.01	4222527.47	1.29E-03	4.60E-04	6.82E-08	0.00175	0.07	0.00407	0.00582
MS1_0388 (MS)	566049.01	4222477.47	1.26E-03	8.00E-04	6.81E-08	0.00206	0.07	0.00422	0.00628
MS1_0193 (MS)	565939.01	4222517.47	1.28E-03	4.80E-04	6.78E-08	0.00176	0.07	0.00406	0.00582
MS1_0125 (MS)	565899.01	4222537.47	1.28E-03	4.30E-04	6.76E-08	0.00171	0.07	0.00404	0.00575
MS1_0341 (MS)	566019.01	4222487.47	1.26E-03	6.50E-04	6.75E-08	0.00191	0.07	0.00412	0.00603
MS1_0063 (MS)	565849.01	4222567.47	1.28E-03	3.90E-04	6.74E-08	0.00167	0.07	0.00399	0.00566
MS1_0290 (MS)	565989.01	4222497.47	1.26E-03	5.70E-04	6.71E-08	0.00183	0.07	0.00408	0.00591
MS1_0097 (MS)	565879.01	4222547.47	1.27E-03	4.10E-04	6.70E-08	0.00168	0.07	0.00399	0.00567
MS1_0233 (MS)	565959.01	4222507.47	1.26E-03	5.10E-04	6.69E-08	0.00177	0.07	0.00403	0.00580
MS1_0402 (MS)	566059.01	4222467.47	1.22E-03	8.90E-04	6.65E-08	0.00211	0.07	0.00415	0.00626
MS1_0073 (MS)	565859.01	4222557.47	1.26E-03	3.90E-04	6.64E-08	0.00165	0.07	0.00393	0.00558
MS1_0372 (MS)	566039.01	4222477.47	1.23E-03	7.30E-04	6.63E-08	0.00196	0.07	0.00409	0.00605
MS1_0174 (MS)	565929.01	4222517.47	1.25E-03	4.60E-04	6.62E-08	0.00171	0.07	0.00396	0.00567
MS1_0140 (MS)	565909.01	4222527.47	1.25E-03	4.40E-04	6.61E-08	0.00169	0.07	0.00395	0.00564
MS1_0271 (MS)	565979.01	4222497.47	1.24E-03	5.40E-04	6.60E-08	0.00178	0.07	0.00398	0.00576
MS1_0110 (MS)	565889.01	4222537.47	1.25E-03	4.20E-04	6.60E-08	0.00167	0.07	0.00392	0.00559
MS1_0324 (MS)	566009.01	4222487.47	1.23E-03	6.10E-04	6.58E-08	0.00184	0.07	0.00401	0.00585
MS1_0212 (MS)	565949.01	4222507.47	1.23E-03	4.80E-04	6.52E-08	0.00171	0.07	0.00393	0.00564
MS1_0084 (MS)	565869.01	4222547.47	1.23E-03	4.00E-04	6.49E-08	0.00163	0.06	0.00386	0.00549
MS1_0307 (MS)	565999.01	4222487.47	1.21E-03	5.70E-04	6.46E-08	0.00178	0.06	0.00392	0.00570
MS1_0156 (MS)	565919.01	4222517.47	1.22E-03	4.40E-04	6.45E-08	0.00166	0.06	0.00386	0.00552
MS1_0356 (MS)	566029.01	4222477.47	1.20E-03	6.70E-04	6.45E-08	0.00187	0.06	0.00397	0.00584
MS1_0124 (MS)	565899.01	4222527.47	1.22E-03	4.20E-04	6.44E-08	0.00164	0.06	0.00384	0.00548
MS1_0252 (MS)	565969.01	4222497.47	1.21E-03	5.10E-04	6.43E-08	0.00172	0.06	0.00388	0.00560
MS1_0062 (MS)	565849.01	4222557.47	1.22E-03	3.80E-04	6.43E-08	0.00160	0.06	0.00381	0.00541
MS1_0192 (MS)	565939.01	4222507.47	1.21E-03	4.60E-04	6.41E-08	0.00167	0.06	0.00383	0.00550
MS1_0387 (MS)	566049.01	4222467.47	1.18E-03	7.90E-04	6.40E-08	0.00197	0.06	0.00399	0.00596
MS1_0096 (MS)	565879.01	4222537.47	1.21E-03	4.00E-04	6.39E-08	0.00161	0.06	0.00381	0.00542
MS1_0289 (MS)	565989.01	4222487.47	1.19E-03	5.40E-04	6.34E-08	0.00173	0.06	0.00383	0.00556
MS1_0340 (MS)	566019.01	4222477.47	1.18E-03	6.20E-04	6.33E-08	0.00180	0.06	0.00387	0.00567
MS1_0072 (MS)	565859.01	4222547.47	1.20E-03	3.80E-04	6.33E-08	0.00158	0.06	0.00375	0.00533
MS1_0232 (MS)	565959.01	4222497.47	1.19E-03	4.90E-04	6.32E-08	0.00168	0.06	0.00379	0.00547
MS1_0139 (MS)	565909.01	4222517.47	1.19E-03	4.20E-04	6.29E-08	0.00161	0.06	0.00376	0.00537
MS1_0109 (MS)	565889.01	4222527.47	1.19E-03	4.00E-04	6.28E-08	0.00159	0.06	0.00374	0.00533
MS1_0052 (MS)	565839.01	4222557.47	1.19E-03	3.70E-04	6.27E-08	0.00156	0.06	0.00370	0.00526
MS1_0173 (MS)	565929.01	4222507.47	1.18E-03	4.40E-04	6.25E-08	0.00162	0.06	0.00374	0.00536
MS1_0083 (MS)	565869.01	4222537.47	1.18E-03	3.80E-04	6.22E-08	0.00156	0.06	0.00370	0.00526
MS1_0371 (MS)	566039.01	4222467.47	1.15E-03	7.10E-04	6.21E-08	0.00186	0.06	0.00385	0.00571
MS1_0323 (MS)	566009.01	4222477.47	1.16E-03	5.80E-04	6.21E-08	0.00174	0.06	0.00378	0.00552
MS1_0270 (MS)	565979.01	4222487.47	1.16E-03	5.10E-04	6.18E-08	0.00167	0.06	0.00374	0.00541
MS1_0211 (MS)	565949.01	4222497.47	1.16E-03	4.70E-04	6.16E-08	0.00163	0.06	0.00371	0.00534
MS1_0123 (MS)	565899.01	4222517.47	1.16E-03	4.10E-04	6.13E-08	0.00157	0.06	0.00366	0.00523
MS1_0095 (MS)	565879.01	4222527.47	1.16E-03	3.90E-04	6.12E-08	0.00155	0.06	0.00363	0.00518
MS1_0061 (MS)	565849.01	4222547.47	1.16E-03	3.70E-04	6.12E-08	0.00153	0.06	0.00364	0.00517
MS1_0306 (MS)	565999.01	4222477.47	1.14E-03	5.50E-04	6.09E-08	0.00169	0.06	0.00369	0.00538
MS1_0155 (MS)	565919.01	4222507.47	1.15E-03	4.30E-04	6.09E-08	0.00158	0.06	0.00365	0.00523
MS1_0355 (MS)	566029.01	4222467.47	1.13E-03	6.50E-04	6.08E-08	0.00178	0.06	0.00374	0.00552
MS1_0251 (MS)	565969.01	4222487.47	1.14E-03	4.90E-04	6.06E-08	0.00163	0.06	0.00366	0.00529
MS1_0071 (MS)	565859.01	4222537.47	1.15E-03	3.70E-04	6.06E-0				

MS1_0339 (MS)	566019.01	4222467.47	1.11E-03	6.10E-04	5.96E-08	0.00172	0.06	0.00365	0.00537
MS1_0082 (MS)	565869.01	4222527.47	1.13E-03	3.70E-04	5.96E-08	0.00150	0.06	0.00354	0.00504
MS1_0231 (MS)	565959.01	4222487.47	1.12E-03	4.70E-04	5.95E-08	0.00159	0.06	0.00358	0.00517
MS1_0051 (MS)	565839.01	4222547.47	1.13E-03	3.50E-04	5.95E-08	0.00148	0.06	0.00355	0.00503
MS1_0172 (MS)	565929.01	4222497.47	1.12E-03	4.30E-04	5.94E-08	0.00155	0.06	0.00354	0.00509
MS1_0060 (MS)	565849.01	4222537.47	1.12E-03	3.60E-04	5.91E-08	0.00148	0.06	0.00349	0.00497
MS1_0269 (MS)	565979.01	4222477.47	1.10E-03	5.00E-04	5.86E-08	0.00160	0.06	0.00353	0.00513
MS1_0042 (MS)	565829.01	4222547.47	1.11E-03	3.40E-04	5.85E-08	0.00145	0.06	0.00345	0.00490
MS1_0322 (MS)	566009.01	4222467.47	1.09E-03	5.70E-04	5.84E-08	0.00166	0.06	0.00357	0.00523
MS1_0210 (MS)	565949.01	4222487.47	1.10E-03	4.50E-04	5.84E-08	0.00155	0.06	0.00350	0.00505
MS1_0122 (MS)	565899.01	4222507.47	1.10E-03	3.90E-04	5.82E-08	0.00149	0.06	0.00348	0.00497
MS1_0094 (MS)	565879.01	4222517.47	1.10E-03	3.70E-04	5.81E-08	0.00147	0.06	0.00347	0.00494
MS1_0070 (MS)	565859.01	4222527.47	1.10E-03	3.60E-04	5.80E-08	0.00146	0.06	0.00344	0.00490
MS1_0154 (MS)	565919.01	4222497.47	1.09E-03	4.10E-04	5.77E-08	0.00150	0.06	0.00346	0.00496
MS1_0250 (MS)	565969.01	4222477.47	1.08E-03	4.70E-04	5.75E-08	0.00155	0.06	0.00346	0.00501
MS1_0050 (MS)	565839.01	4222537.47	1.09E-03	3.40E-04	5.74E-08	0.00143	0.06	0.00340	0.00483
MS1_0190 (MS)	565939.01	4222487.47	1.08E-03	4.30E-04	5.73E-08	0.00151	0.06	0.00343	0.00494
MS1_0305 (MS)	565999.01	4222467.47	1.07E-03	5.30E-04	5.72E-08	0.00160	0.06	0.00349	0.00509
MS1_0107 (MS)	565889.01	4222507.47	1.08E-03	3.80E-04	5.71E-08	0.00146	0.06	0.00339	0.00485
MS1_0081 (MS)	565869.01	4222517.47	1.08E-03	3.60E-04	5.70E-08	0.00144	0.06	0.00338	0.00482
MS1_0137 (MS)	565909.01	4222497.47	1.07E-03	3.90E-04	5.66E-08	0.00146	0.06	0.00338	0.00484
MS1_0059 (MS)	565849.01	4222527.47	1.07E-03	3.50E-04	5.64E-08	0.00142	0.06	0.00335	0.00477
MS1_0230 (MS)	565959.01	4222477.47	1.06E-03	4.50E-04	5.64E-08	0.00151	0.06	0.00339	0.00490
MS1_0287 (MS)	565989.01	4222467.47	1.05E-03	5.00E-04	5.61E-08	0.00155	0.06	0.00341	0.00496
MS1_0041 (MS)	565829.01	4222537.47	1.06E-03	3.30E-04	5.58E-08	0.00139	0.06	0.00331	0.00470
MS1_0171 (MS)	565929.01	4222487.47	1.05E-03	4.10E-04	5.57E-08	0.00146	0.06	0.00335	0.00481
MS1_0121 (MS)	565899.01	4222497.47	1.05E-03	3.80E-04	5.55E-08	0.00143	0.06	0.00330	0.00473
MS1_0093 (MS)	565879.01	4222507.47	1.05E-03	3.60E-04	5.55E-08	0.00141	0.06	0.00331	0.00472
MS1_0069 (MS)	565859.01	4222517.47	1.05E-03	3.50E-04	5.54E-08	0.00140	0.06	0.00330	0.00470
MS1_0209 (MS)	565949.01	4222477.47	1.04E-03	4.30E-04	5.52E-08	0.00147	0.06	0.00332	0.00479
MS1_0268 (MS)	565979.01	4222467.47	1.03E-03	4.80E-04	5.50E-08	0.00151	0.05	0.00334	0.00485
MS1_0049 (MS)	565839.01	4222527.47	1.04E-03	3.30E-04	5.48E-08	0.00137	0.05	0.00326	0.00463
MS1_0153 (MS)	565919.01	4222487.47	1.03E-03	3.90E-04	5.46E-08	0.00142	0.05	0.00328	0.00470
MS1_0080 (MS)	565869.01	4222507.47	1.03E-03	3.50E-04	5.44E-08	0.00138	0.05	0.00323	0.00461
MS1_0249 (MS)	565969.01	4222467.47	1.02E-03	4.60E-04	5.44E-08	0.00148	0.05	0.00328	0.00476
MS1_0058 (MS)	565849.01	4222517.47	1.03E-03	3.40E-04	5.43E-08	0.00137	0.05	0.00322	0.00459
MS1_0033 (MS)	565819.01	4222537.47	1.03E-03	3.20E-04	5.43E-08	0.00135	0.05	0.00322	0.00457
MS1_0189 (MS)	565939.01	4222477.47	1.02E-03	4.10E-04	5.41E-08	0.00143	0.05	0.00325	0.00468
MS1_0106 (MS)	565889.01	4222497.47	1.02E-03	3.60E-04	5.39E-08	0.00138	0.05	0.00323	0.00461
MS1_0136 (MS)	565909.01	4222487.47	1.01E-03	3.80E-04	5.35E-08	0.00139	0.05	0.00321	0.00460
MS1_0229 (MS)	565959.01	4222467.47	1.00E-03	4.40E-04	5.32E-08	0.00144	0.05	0.00321	0.00465
MS1_0040 (MS)	565829.01	4222527.47	1.01E-03	3.20E-04	5.32E-08	0.00133	0.05	0.00317	0.00450
MS1_0170 (MS)	565929.01	4222477.47	1.00E-03	4.00E-04	5.31E-08	0.00140	0.05	0.00318	0.00458
MS1_0092 (MS)	565879.01	4222497.47	1.00E-03	3.50E-04	5.29E-08	0.00135	0.05	0.00316	0.00451
MS1_0068 (MS)	565859.01	4222507.47	1.00E-03	3.40E-04	5.28E-08	0.00134	0.05	0.00316	0.00450
MS1_0048 (MS)	565839.01	4222517.47	1.00E-03	3.20E-04	5.27E-08	0.00132	0.05	0.00313	0.00445
MS1_0120 (MS)	565899.01	4222487.47	9.90E-04	3.70E-04	5.24E-08	0.00136	0.05	0.00314	0.00450
MS1_0032 (MS)	565819.01	4222527.47	9.90E-04	3.10E-04	5.22E-08	0.00130	0.05	0.00309	0.00439
MS1_0208 (MS)	565949.01	4222467.47	9.80E-04	4.20E-04	5.21E-08	0.00140	0.05	0.00315	0.00455
MS1_0152 (MS)	565919.01	4222477.47	9.80E-04	3.80E-04	5.20E-08	0.00136	0.05	0.00312	0.00448
MS1_0079 (MS)	565869.01	4222497.47	9.80E-04	3.40E-04	5.18E-08	0.00132	0.05	0.00309	0.00441
MS1_0057 (MS)	565849.01	4222507.47	9.80E-04	3.30E-04	5.17E-08	0.00131	0.05	0.00308	0.00439
MS1_0105 (MS)	565889.01	4222487.47	9.70E-04	3.50E-04	5.13E-08	0.00132	0.05	0.00308	0.00440
MS1_0039 (MS)	565829.01	4222517.47	9.70E-04	3.10E-04	5.11E-08	0.00128	0.05	0.00304	0.00432
MS1_0188 (MS)	565939.01	4222467.47	9.60E-04	4.00E-04	5.10E-08	0.00136	0.05	0.00308	0.00444
MS1_0135 (MS)	565909.01	4222477.47	9.60E-04	3.70E-04	5.09E-08	0.00133	0.05	0.00305	0.00438
MS1_0067 (MS)	565859.01	4222497.47	9.60E-04	3.30E-04	5.07E-08	0.00129	0.05	0.00302	0.00431
MS1_0047 (MS)	565839.01	4222507.47	9.60E-04	3.10E-04	5.06E-08	0.00127	0.05	0.00300	0.00427
MS1_0025 (MS)	565809.01	4222527.47	9.60E-04	3.00E-04	5.06E-08	0.00126	0.05	0.00301	0.00427
MS1_0169 (MS)	565929.01	4222467.47	9.50E-04	3.80E-04	5.04E-08	0.00133	0.05	0.00302	0.00435
MS1_0091 (MS)	565879.01	4222487.47	9.50E-04	3.40E-04	5.02E-08	0.00129	0.05	0.00301	0.00430
MS1_0031 (MS)	565819.01	4222517.47	9.50E-04	3.00E-04	5.01E-08	0.00125	0.05	0.00296	0.00421
MS1_0119 (MS)	565899.01	4222477.47	9.40E-04	3.50E-04	4.98E-08	0.00129	0.05	0.00299	0.00428
MS1_0056 (MS)	565849.01	4222497.47	9.40E-04	3.20E-04	4.96E-08	0.00126	0.05	0.00295	0.00421
MS1_0151 (MS)	565919.01	4222467.47	9.30E-04	3.70E-04	4.93E-08	0.00130	0.05	0.00296	0.00426
MS1_0104 (MS)	565889.01	4222477.47	9.30E-04	3.40E-04	4.92E-08	0.00127	0.05	0.00293	0.00420
MS1_0078 (MS)	565869.01	4222487.47	9.30E-04	3.30E-04	4.92E-08	0.00126	0.05	0.00295	0.00421
MS1_0038 (MS)	565829.01	4222507.47	9.30E-04	3.00E-04	4.90E-08	0.00123	0.05	0.00292	0.00415
MS1_0066 (MS)	565859.01	4222487.47	9.20E-04	3.20E-04	4.86E-08	0.00124	0.05	0.00288	0.00412
MS1_0046 (MS)	565839.01	4222497.47	9.20E-04	3.00E-04	4.85E-08	0.00122	0.05	0.00288	0.00410
MS1_0024 (MS)	565809.01	4222517.47	9.20E-04	2.90E-04	4.85E-08	0.00121	0.05	0.00289	0.00410
MS1_0134 (MS)	565909.01	4222467.47	9.10E-04	3.50E-04	4.82E-08	0.00126	0.05	0.00290	0.00416
MS1_0090 (MS)	565879.01	4222477.47	9.10E-04	3.30E-04	4.81E-08	0.00124	0.05	0.00287	0.00411
MS1_0030 (MS)	565819.01	4222507.47	9.10E-04	2.90E-04	4.80E-08	0.00120	0.05	0.00285	0.00405
MS1_0118 (MS)	565899.01	4222467.47	9.00E-04	3.40E-04	4.77E-08	0.00124	0.05	0.00284	0.00408
MS1_0055 (MS)	565849.01	4222487.47	9.00E-04	3.10E-04	4.75E-08	0.00121	0.05	0.00282	0.00403
MS1_0018 (MS)	565799.01	4222517.47	9.00E-04	2.80E-04	4.74E-08	0.00118	0.05	0.00281	0.00399
MS1_0077 (MS)	565869.01	4222477.47	8.90E-04	3.20E-04	4.71E-08	0.00121	0.05	0.00281	0.00402
MS1_0037 (MS)	565829.01	4222497.47	8.90E-04	2.90E-04	4.69E-08	0.00118	0.05	0.00281	0.00399
MS1_0023 (MS)	565809.01	4222507.47	8.90E-04	2.80E-04	4.69E-08	0.00117	0.05	0.00278	0.00395
MS1_0103 (MS)	565889.01	4222467.47	8.80E-04	3.30E-04	4.66E-08	0.00121	0.05	0.00279	0.00400
MS1_0045 (MS)	565839.01	4222487.47	8.80E-04	3.00E-04	4.65E-08	0.00118	0.05	0.00276	0.00394
MS1_0065 (MS)	565859.01	4222477.47	8.70E-04	3.10E-04	4.60E-08	0.00118	0.05	0.00276	0.00394
MS1_0029 (MS)	565819.01	4222497.47	8.70E-04	2.80E-04	4.59E-08	0.00115	0.05	0.00274	0.00389
MS1_0089 (MS)	565879.01	4222467.47	8.60E-04	3.20E-04	4.55E-08	0.00118	0.05	0.00274	0.00392
MS1_0054 (MS)	565849.01	4222477.47	8.60E-04	3.00E-04	4.54E-08	0.00116	0.05	0.00270	0.00386
MS1_0036 (MS)	565829.01	4222487.47	8.60E-04	2.90E-04	4.54E-08	0.00115	0.05	0.00270	0.00385
MS1_0017 (MS)	565799.01	4222507.47	8.60E-04	2.70E-04	4.53E-08	0.00113	0.05	0.00271	0.00384
MS1_0076 (MS)	565869.01	4222467.47	8.50E-04	3.10E-04	4.50E-08	0.00116	0.04	0.00268	0.00384
MS1_0022 (MS)	565809.01	4222497.47	8.50E-04	2.70E-04	4.48E-08	0.00112	0.04	0.00267	0.00379
MS1_0044 (MS)	565839.01	4222477.47	8.40E-04	2.90E-04	4.44E-08	0.00113	0.04	0.00264	0.00377
MS1_0028 (MS)	565819.01	4222487.47	8.40E-04	2.80E-04	4.43E-08	0.00112	0.04	0.00263	0.00375
MS1_0012 (MS)	565789.01	4222507.47	8.40E-04	2.60E-04	4.42E-08	0.00110	0.04	0.00264	0.00374
MS1_0064 (MS)	565859.01	4222467.47	8.30E-04	3.00E-04	4.39E-0				

MS1_0011 (MS)	565789.01	4222497.47	8.10E-04	2.60E-04	4.27E-08	0.00107	0.04	0.00254	0.00361
MS1_0043 (MS)	565839.01	4222467.47	8.00E-04	2.80E-04	4.23E-08	0.00108	0.04	0.00252	0.00360
MS1_0027 (MS)	565819.01	4222477.47	8.00E-04	2.70E-04	4.22E-08	0.00107	0.04	0.00250	0.00359
MS1_0015 (MS)	565799.01	4222487.47	8.00E-04	2.60E-04	4.22E-08	0.00106	0.04	0.00250	0.00356
MS1_0007 (MS)	565779.01	4222497.47	7.90E-04	2.50E-04	4.16E-08	0.00104	0.04	0.00248	0.00352
MS1_0034 (MS)	565829.01	4222467.47	7.80E-04	2.70E-04	4.12E-08	0.00105	0.04	0.00247	0.00352
MS1_0020 (MS)	565809.01	4222477.47	7.80E-04	2.60E-04	4.12E-08	0.00104	0.04	0.00246	0.00350
MS1_0010 (MS)	565789.01	4222487.47	7.80E-04	2.50E-04	4.11E-08	0.00103	0.04	0.00244	0.00347
MS1_0026 (MS)	565819.01	4222467.47	7.70E-04	2.60E-04	4.07E-08	0.00103	0.04	0.00242	0.00345
MS1_0014 (MS)	565799.01	4222477.47	7.70E-04	2.50E-04	4.06E-08	0.00102	0.04	0.00240	0.00342
MS1_0006 (MS)	565779.01	4222487.47	7.60E-04	2.40E-04	4.01E-08	0.00100	0.04	0.00239	0.00339
MS1_0019 (MS)	565809.01	4222467.47	7.50E-04	2.50E-04	3.96E-08	0.00100	0.04	0.00236	0.00336
MS1_0009 (MS)	565789.01	4222477.47	7.50E-04	2.40E-04	3.95E-08	0.00099	0.04	0.00235	0.00334
MS1_0003 (MS)	565769.01	4222487.47	7.50E-04	2.30E-04	3.95E-08	0.00098	0.04	0.00234	0.00332
MS1_0013 (MS)	565799.01	4222467.47	7.40E-04	2.40E-04	3.90E-08	0.00098	0.04	0.00231	0.00329
MS1_0005 (MS)	565779.01	4222477.47	7.30E-04	2.30E-04	3.85E-08	0.00096	0.04	0.00230	0.00326
MS1_0008 (MS)	565789.01	4222467.47	7.20E-04	2.40E-04	3.80E-08	0.00096	0.04	0.00226	0.00322
MS1_0002 (MS)	565769.01	4222477.47	7.20E-04	2.30E-04	3.80E-08	0.00095	0.04	0.00225	0.00320
MS1_0004 (MS)	565779.01	4222467.47	7.10E-04	2.30E-04	3.74E-08	0.00094	0.04	0.00221	0.00315
MS1_0001 (MS)	565769.01	4222467.47	6.90E-04	2.20E-04	3.64E-08	0.00091	0.04	0.00217	0.00308
On-site Middle School Receptors									
P2_OS_0154 (OS)	566272.47	4222761.30	6.92E-02	6.24E-03	3.58E-06	0.07547	3.58	0.20147	0.27694
P2_OS_0151 (OS)	566272.47	4222731.30	6.90E-02	3.77E-03	3.56E-06	0.07275	3.56	0.19719	0.26994
P2_OS_0135 (OS)	566262.47	4222731.30	6.89E-02	4.15E-03	3.56E-06	0.07309	3.56	0.19768	0.27077
P2_OS_0138 (OS)	566262.47	4222761.30	6.86E-02	7.64E-03	3.55E-06	0.07621	3.55	0.20181	0.27802
P2_OS_0150 (OS)	566272.47	4222721.30	6.88E-02	3.31E-03	3.55E-06	0.07208	3.55	0.19593	0.26801
P2_OS_0136 (OS)	566262.47	4222741.30	6.84E-02	4.95E-03	3.54E-06	0.07339	3.54	0.19747	0.27086
P2_OS_0166 (OS)	566282.47	4222721.30	6.86E-02	3.09E-03	3.53E-06	0.07166	3.53	0.19503	0.26669
P2_OS_0134 (OS)	566262.47	4222721.30	6.84E-02	3.57E-03	3.53E-06	0.07194	3.53	0.19519	0.26713
P2_OS_0152 (OS)	566272.47	4222741.30	6.83E-02	4.37E-03	3.52E-06	0.07265	3.52	0.19613	0.26878
P2_OS_0121 (OS)	566252.47	4222731.30	6.82E-02	4.65E-03	3.52E-06	0.07284	3.52	0.19631	0.26915
P2_OS_0167 (OS)	566282.47	4222731.30	6.82E-02	3.47E-03	3.52E-06	0.07166	3.52	0.19455	0.26621
P2_OS_0165 (OS)	566282.47	4222711.30	6.80E-02	2.81E-03	3.50E-06	0.07082	3.50	0.19307	0.26389
P2_OS_0181 (OS)	566292.47	4222711.30	6.78E-02	2.67E-03	3.49E-06	0.07045	3.49	0.19220	0.26265
P2_OS_0122 (OS)	566252.47	4222741.30	6.75E-02	5.75E-03	3.49E-06	0.07326	3.49	0.19609	0.26935
P2_OS_0149 (OS)	566272.47	4222711.30	6.77E-02	2.98E-03	3.49E-06	0.07066	3.49	0.19237	0.26303
P2_OS_0182 (OS)	566292.47	4222721.30	6.76E-02	2.92E-03	3.48E-06	0.07052	3.48	0.19207	0.26259
P2_OS_0120 (OS)	566252.47	4222721.30	6.75E-02	3.88E-03	3.48E-06	0.07134	3.48	0.19307	0.26441
P2_OS_0168 (OS)	566282.47	4222741.30	6.70E-02	3.96E-03	3.46E-06	0.07094	3.46	0.19185	0.26279
P2_OS_0180 (OS)	566292.47	4222701.30	6.70E-02	2.48E-03	3.45E-06	0.06952	3.45	0.18987	0.25939
P2_OS_0137 (OS)	566262.47	4222751.30	6.66E-02	6.07E-03	3.45E-06	0.07270	3.45	0.19411	0.26681
P2_OS_0133 (OS)	566262.47	4222711.30	6.69E-02	3.17E-03	3.45E-06	0.07003	3.45	0.19032	0.26035
P2_OS_0109 (OS)	566242.47	4222731.30	6.66E-02	5.29E-03	3.44E-06	0.07187	3.44	0.19275	0.26462
P2_OS_0197 (OS)	566302.47	4222711.30	6.68E-02	2.55E-03	3.44E-06	0.06933	3.44	0.18925	0.25858
P2_OS_0164 (OS)	566282.47	4222701.30	6.68E-02	2.61E-03	3.44E-06	0.06938	3.44	0.18929	0.25867
P2_OS_0153 (OS)	566272.47	4222751.30	6.65E-02	5.18E-03	3.44E-06	0.07170	3.44	0.19242	0.26412
P2_OS_0196 (OS)	566302.47	4222701.30	6.67E-02	2.36E-03	3.43E-06	0.06905	3.43	0.18874	0.25779
P2_OS_0183 (OS)	566292.47	4222731.30	6.65E-02	3.26E-03	3.43E-06	0.06974	3.43	0.18939	0.25913
P2_OS_0108 (OS)	566242.47	4222721.30	6.60E-02	4.24E-03	3.41E-06	0.07027	3.41	0.18960	0.25987
P2_OS_0148 (OS)	566272.47	4222701.30	6.60E-02	2.76E-03	3.40E-06	0.06875	3.40	0.18729	0.25604
P2_OS_0195 (OS)	566302.47	4222691.30	6.60E-02	2.21E-03	3.40E-06	0.06822	3.40	0.18663	0.25485
P2_OS_0179 (OS)	566292.47	4222691.30	6.59E-02	2.33E-03	3.40E-06	0.06827	3.40	0.18659	0.25486
P2_OS_0198 (OS)	566302.47	4222721.30	6.57E-02	2.80E-03	3.39E-06	0.06850	3.39	0.18656	0.25506
P2_OS_0119 (OS)	566252.47	4222711.30	6.56E-02	3.38E-03	3.38E-06	0.06898	3.38	0.18709	0.25607
P2_OS_0213 (OS)	566312.47	4222701.30	6.56E-02	2.27E-03	3.38E-06	0.06787	3.38	0.18557	0.25344
P2_OS_0110 (OS)	566242.47	4222741.30	6.50E-02	6.92E-03	3.37E-06	0.07188	3.37	0.19071	0.26259
P2_OS_0212 (OS)	566312.47	4222691.30	6.54E-02	2.11E-03	3.37E-06	0.06747	3.37	0.18469	0.25216
P2_OS_0163 (OS)	566282.47	4222691.30	6.52E-02	2.47E-03	3.36E-06	0.06769	3.36	0.18472	0.25241
P2_OS_0123 (OS)	566252.47	4222751.30	6.48E-02	7.42E-03	3.36E-06	0.07222	3.36	0.19105	0.26327
P2_OS_0214 (OS)	566312.47	4222711.30	6.48E-02	2.47E-03	3.34E-06	0.06725	3.34	0.18352	0.25077
P2_OS_0132 (OS)	566262.47	4222701.30	6.47E-02	2.93E-03	3.33E-06	0.06763	3.33	0.18387	0.25150
P2_OS_0170 (OS)	566282.47	4222761.30	6.45E-02	5.14E-03	3.33E-06	0.06963	3.33	0.18667	0.25630
P2_OS_0169 (OS)	566282.47	4222751.30	6.44E-02	4.61E-03	3.33E-06	0.06905	3.33	0.18563	0.25468
P2_OS_0194 (OS)	566302.47	4222681.30	6.46E-02	2.09E-03	3.32E-06	0.06666	3.32	0.18244	0.24910
P2_OS_0184 (OS)	566292.47	4222741.30	6.42E-02	3.69E-03	3.31E-06	0.06793	3.31	0.18370	0.25163
P2_OS_0211 (OS)	566312.47	4222681.30	6.42E-02	1.98E-03	3.31E-06	0.06622	3.31	0.18140	0.24762
P2_OS_0178 (OS)	566292.47	4222681.30	6.42E-02	2.22E-03	3.31E-06	0.06640	3.31	0.18149	0.24789
P2_OS_0124 (OS)	566252.47	4222761.30	6.35E-02	9.81E-03	3.30E-06	0.07335	3.30	0.19108	0.26443
P2_OS_0107 (OS)	566242.47	4222711.30	6.38E-02	3.61E-03	3.29E-06	0.06745	3.29	0.18246	0.24991
P2_OS_0147 (OS)	566272.47	4222691.30	6.39E-02	2.62E-03	3.29E-06	0.06653	3.29	0.18123	0.24776
P2_OS_0228 (OS)	566322.47	4222691.30	6.39E-02	2.02E-03	3.29E-06	0.06587	3.29	0.18037	0.24624
P2_OS_0098 (OS)	566232.47	4222721.30	6.35E-02	4.66E-03	3.28E-06	0.06815	3.28	0.18307	0.25122
P2_OS_0199 (OS)	566302.47	4222731.30	6.35E-02	3.13E-03	3.27E-06	0.06664	3.27	0.18085	0.24749
P2_OS_0229 (OS)	566322.47	4222701.30	6.35E-02	2.20E-03	3.27E-06	0.06567	3.27	0.17952	0.24519
P2_OS_0099 (OS)	566232.47	4222731.30	6.31E-02	6.19E-03	3.27E-06	0.06929	3.27	0.18434	0.25363
P2_OS_0162 (OS)	566282.47	4222681.30	6.30E-02	2.37E-03	3.25E-06	0.06541	3.25	0.17845	0.24386
P2_OS_0227 (OS)	566322.47	4222681.30	6.31E-02	1.88E-03	3.25E-06	0.06493	3.25	0.17798	0.24291
P2_OS_0118 (OS)	566252.47	4222701.30	6.29E-02	3.10E-03	3.24E-06	0.06600	3.24	0.17904	0.24504
P2_OS_0215 (OS)	566312.47	4222721.30	6.26E-02	2.74E-03	3.23E-06	0.06538	3.23	0.17785	0.24323
P2_OS_0193 (OS)	566302.47	4222671.30	6.24E-02	2.00E-03	3.21E-06	0.06440	3.21	0.17624	0.24064
P2_OS_0210 (OS)	566312.47	4222671.30	6.24E-02	1.88E-03	3.21E-06	0.06427	3.21	0.17609	0.24036
P2_OS_0131 (OS)	566262.47	4222691.30	6.20E-02	2.78E-03	3.20E-06	0.06482	3.20	0.17617	0.24099
P2_OS_0177 (OS)	566292.47	4222671.30	6.16E-02	2.14E-03	3.17E-06	0.06376	3.17	0.17419	0.23795
P2_OS_0230 (OS)	566322.47	4222711.30	6.16E-02	2.44E-03	3.17E-06	0.06403	3.17	0.17450	0.23853
P2_OS_0226 (OS)	566322.47	4222671.30	6.15E-02	1.77E-03	3.16E-06	0.06325	3.16	0.17345	0.23670
P2_OS_0097 (OS)	566232.47	4222711.30	6.13E-02	3.84E-03	3.16E-06	0.06512	3.16	0.17557	0.24069
P2_OS_0241 (OS)	566332.47	4222691.30	6.13E-02	1.96E-03	3.16E-06	0.06325	3.16	0.17312	0.23637
P2_OS_0146 (OS)	566272.47	4222681.30	6.12E-02	2.53E-03	3.15E-06	0.06373	3.15	0.17347	0.23720
P2_OS_0090 (OS)	566222.47	4222721.30	6.08E-02	5.08E-03	3.15E-06	0.06592	3.15	0.17624	0.24216
P2_OS_0066 (OS)	566145.78	4222711.49	6.09E-02	3.38E-03	3.14E-06	0.06423	3.14	0.17336	0.23759
P2_OS_0072 (OS)	566155.78	4222711.49	6.08E-02	3.65E-03	3.14E-06	0.06445	3.14	0.17360	0.23805
P2_OS_0240 (OS)	566332.47	4222681.30	6.08E-02	1.80E-03	3.13E-06	0.06256	3.13	0.17148	0.23404
P2_OS_0067 (OS)	566145.78	4222721.49	6.05E-02	4.23E-03	3.13E-06	0.06475	3.13	0.17364	0.23839
P2_OS_0111 (OS)	566242.47	4222751.30	6.01E-02	9.46E-03	3.12E-06	0.06952	3.12	0.1808	

P2_OS_0077 (OS)	566165.78	4222711.49	5.99E-02	3.95E-03	3.09E-06	0.06380	3.09	0.17129	0.23509
P2_OS_0073 (OS)	566155.78	4222721.49	5.96E-02	4.76E-03	3.08E-06	0.06440	3.08	0.17187	0.23627
P2_OS_0185 (OS)	566292.47	4222751.30	5.97E-02	4.11E-03	3.08E-06	0.06379	3.08	0.17157	0.23536
P2_OS_0209 (OS)	566312.47	4222661.30	5.98E-02	1.79E-03	3.08E-06	0.06163	3.08	0.16885	0.23048
P2_OS_0058 (OS)	566135.78	4222711.49	5.96E-02	3.14E-03	3.08E-06	0.06278	3.08	0.16967	0.23245
P2_OS_0117 (OS)	566252.47	4222691.30	5.95E-02	2.95E-03	3.07E-06	0.06240	3.07	0.16909	0.23149
P2_OS_0200 (OS)	566302.47	4222741.30	5.94E-02	3.41E-03	3.06E-06	0.06281	3.06	0.16974	0.23255
P2_OS_0100 (OS)	566232.47	4222741.30	5.89E-02	8.72E-03	3.06E-06	0.06761	3.06	0.17644	0.24405
P2_OS_0192 (OS)	566302.47	4222661.30	5.94E-02	1.92E-03	3.06E-06	0.06130	3.06	0.16768	0.22898
P2_OS_0239 (OS)	566332.47	4222671.30	5.94E-02	1.67E-03	3.06E-06	0.06105	3.06	0.16747	0.22852
P2_OS_0225 (OS)	566322.47	4222661.30	5.93E-02	1.67E-03	3.05E-06	0.06096	3.05	0.16720	0.22816
P2_OS_0091 (OS)	566222.47	4222731.30	5.88E-02	7.21E-03	3.05E-06	0.06602	3.05	0.17385	0.23987
P2_OS_0071 (OS)	566155.78	4222701.49	5.91E-02	2.96E-03	3.05E-06	0.06204	3.05	0.16784	0.22988
P2_OS_0065 (OS)	566145.78	4222701.49	5.91E-02	2.79E-03	3.04E-06	0.06184	3.04	0.16753	0.22937
P2_OS_0216 (OS)	566312.47	4222731.30	5.89E-02	2.96E-03	3.04E-06	0.06187	3.04	0.16773	0.22960
P2_OS_0060 (OS)	566135.78	4222731.49	5.87E-02	4.81E-03	3.04E-06	0.06353	3.04	0.16946	0.23299
P2_OS_0089 (OS)	566222.47	4222711.30	5.84E-02	4.06E-03	3.02E-06	0.06250	3.02	0.16789	0.23039
P2_OS_0084 (OS)	566212.47	4222721.30	5.83E-02	5.41E-03	3.02E-06	0.06373	3.02	0.16957	0.23330
P2_OS_0130 (OS)	566262.47	4222681.30	5.85E-02	2.71E-03	3.02E-06	0.06122	3.02	0.16613	0.22735
P2_OS_0051 (OS)	566125.78	4222731.49	5.81E-02	4.28E-03	3.00E-06	0.06235	3.00	0.16689	0.22924
P2_OS_0050 (OS)	566125.78	4222721.49	5.81E-02	3.52E-03	3.00E-06	0.06159	3.00	0.16582	0.22741
P2_OS_0231 (OS)	566322.47	4222721.30	5.81E-02	2.64E-03	2.99E-06	0.06071	2.99	0.16493	0.22564
P2_OS_0176 (OS)	566292.47	4222661.30	5.81E-02	2.08E-03	2.99E-06	0.06015	2.99	0.16417	0.22432
P2_OS_0076 (OS)	566165.78	4222701.49	5.79E-02	3.16E-03	2.99E-06	0.06105	2.99	0.16475	0.22580
P2_OS_0068 (OS)	566145.78	4222731.49	5.77E-02	5.56E-03	2.99E-06	0.06324	2.99	0.16757	0.23081
P2_OS_0251 (OS)	566342.47	4222691.30	5.78E-02	1.92E-03	2.98E-06	0.05974	2.98	0.16336	0.22310
P2_OS_0057 (OS)	566135.78	4222701.49	5.77E-02	2.66E-03	2.98E-06	0.06038	2.98	0.16363	0.22401
P2_OS_0145 (OS)	566272.47	4222671.30	5.75E-02	2.48E-03	2.96E-06	0.05994	2.96	0.16290	0.22284
P2_OS_0238 (OS)	566332.47	4222661.30	5.74E-02	1.57E-03	2.96E-06	0.05899	2.96	0.16189	0.22088
P2_OS_0250 (OS)	566342.47	4222681.30	5.73E-02	1.72E-03	2.95E-06	0.05902	2.95	0.16173	0.22075
P2_OS_0096 (OS)	566232.47	4222701.30	5.71E-02	3.44E-03	2.95E-06	0.06058	2.95	0.16331	0.22389
P2_OS_0243 (OS)	566332.47	4222711.30	5.71E-02	2.34E-03	2.94E-06	0.05947	2.94	0.16191	0.22138
P2_OS_0049 (OS)	566125.78	4222711.49	5.70E-02	2.96E-03	2.94E-06	0.05998	2.94	0.16208	0.22206
P2_OS_0052 (OS)	566125.78	4222741.49	5.65E-02	5.25E-03	2.92E-06	0.06173	2.92	0.16383	0.22556
P2_OS_0081 (OS)	566202.47	4222721.30	5.63E-02	5.66E-03	2.91E-06	0.06194	2.91	0.16413	0.22607
P2_OS_0208 (OS)	566312.47	4222651.30	5.66E-02	1.72E-03	2.91E-06	0.05829	2.91	0.15962	0.21791
P2_OS_0224 (OS)	566322.47	4222651.30	5.65E-02	1.60E-03	2.91E-06	0.05805	2.91	0.15918	0.21723
P2_OS_0105 (OS)	566242.47	4222691.30	5.60E-02	3.12E-03	2.89E-06	0.05907	2.89	0.15946	0.21853
P2_OS_0160 (OS)	566282.47	4222661.30	5.59E-02	2.25E-03	2.88E-06	0.05815	2.88	0.15827	0.21642
P2_OS_0249 (OS)	566342.47	4222671.30	5.59E-02	1.57E-03	2.88E-06	0.05747	2.88	0.15768	0.21515
P2_OS_0252 (OS)	566342.47	4222701.30	5.59E-02	2.07E-03	2.88E-06	0.05792	2.88	0.15803	0.21595
P2_OS_0042 (OS)	566115.78	4222741.49	5.55E-02	4.60E-03	2.87E-06	0.06009	2.87	0.16014	0.22023
P2_OS_0041 (OS)	566115.78	4222731.49	5.55E-02	3.86E-03	2.87E-06	0.05939	2.87	0.15920	0.21859
P2_OS_0191 (OS)	566302.47	4222651.30	5.55E-02	1.86E-03	2.86E-06	0.05737	2.86	0.15678	0.21415
P2_OS_0083 (OS)	566212.47	4222711.30	5.53E-02	4.24E-03	2.86E-06	0.05955	2.86	0.15927	0.21882
P2_OS_0079 (OS)	566192.47	4222721.30	5.50E-02	5.73E-03	2.85E-06	0.06076	2.85	0.16054	0.22130
P2_OS_0085 (OS)	566212.47	4222731.30	5.49E-02	7.85E-03	2.85E-06	0.06270	2.85	0.16366	0.22636
P2_OS_0061 (OS)	566135.78	4222741.49	5.50E-02	6.23E-03	2.85E-06	0.06118	2.85	0.16092	0.22210
P2_OS_0048 (OS)	566125.78	4222701.49	5.49E-02	2.57E-03	2.83E-06	0.05749	2.83	0.15569	0.21318
P2_OS_0237 (OS)	566332.47	4222651.30	5.49E-02	1.48E-03	2.83E-06	0.05640	2.83	0.15479	0.21119
P2_OS_0064 (OS)	566145.78	4222691.49	5.48E-02	2.41E-03	2.82E-06	0.05720	2.82	0.15513	0.21233
P2_OS_0116 (OS)	566252.47	4222681.30	5.47E-02	2.90E-03	2.82E-06	0.05763	2.82	0.15574	0.21337
P2_OS_0043 (OS)	566115.78	4222751.49	5.45E-02	5.53E-03	2.82E-06	0.05998	2.82	0.15852	0.21850
P2_OS_0040 (OS)	566115.78	4222721.49	5.45E-02	3.27E-03	2.81E-06	0.05772	2.81	0.15535	0.21307
P2_OS_0070 (OS)	566155.78	4222691.49	5.45E-02	2.53E-03	2.81E-06	0.05701	2.81	0.15444	0.21145
P2_OS_0248 (OS)	566342.47	4222661.30	5.41E-02	1.47E-03	2.78E-06	0.05558	2.78	0.15256	0.20814
P2_OS_0056 (OS)	566135.78	4222691.49	5.39E-02	2.34E-03	2.78E-06	0.05627	2.78	0.15263	0.20890
MS2_0049 (OS)	566181.18	4222696.77	5.37E-02	3.32E-03	2.77E-06	0.05702	2.77	0.15319	0.21021
P2_OS_0053 (OS)	566125.78	4222751.49	5.33E-02	6.68E-03	2.77E-06	0.05997	2.77	0.15691	0.21688
P2_OS_0254 (OS)	566352.47	4222691.30	5.36E-02	1.75E-03	2.76E-06	0.05538	2.76	0.15152	0.20690
P2_OS_0129 (OS)	566262.47	4222671.30	5.36E-02	2.69E-03	2.76E-06	0.05624	2.76	0.15214	0.20838
P2_OS_0253 (OS)	566352.47	4222681.30	5.36E-02	1.63E-03	2.76E-06	0.05520	2.76	0.15122	0.20642
P2_OS_0175 (OS)	566292.47	4222651.30	5.34E-02	2.03E-03	2.75E-06	0.05545	2.75	0.15108	0.20653
P2_OS_0080 (OS)	566202.47	4222711.30	5.29E-02	4.40E-03	2.74E-06	0.05731	2.74	0.15262	0.20993
P2_OS_0223 (OS)	566322.47	4222641.30	5.32E-02	1.53E-03	2.74E-06	0.05468	2.74	0.14987	0.20455
P2_OS_0032 (OS)	566105.78	4222751.49	5.28E-02	4.84E-03	2.73E-06	0.05768	2.73	0.15304	0.21072
P2_OS_0088 (OS)	566222.47	4222701.30	5.29E-02	3.61E-03	2.73E-06	0.05652	2.73	0.15160	0.20812
P2_OS_0075 (OS)	566165.78	4222691.49	5.28E-02	2.70E-03	2.72E-06	0.05551	2.72	0.14999	0.20550
P2_OS_0039 (OS)	566115.78	4222711.49	5.28E-02	2.83E-03	2.72E-06	0.05558	2.72	0.14999	0.20557
P2_OS_0033 (OS)	566105.78	4222761.49	5.24E-02	5.78E-03	2.72E-06	0.05820	2.72	0.15318	0.21138
P2_OS_0207 (OS)	566312.47	4222641.30	5.27E-02	1.66E-03	2.72E-06	0.05440	2.72	0.14881	0.20321
P2_OS_0031 (OS)	566105.78	4222741.49	5.23E-02	4.13E-03	2.70E-06	0.05644	2.70	0.15056	0.20700
P2_OS_0044 (OS)	566115.78	4222761.49	5.17E-02	6.96E-03	2.69E-06	0.05868	2.69	0.15291	0.21159
P2_OS_0112 (OS)	566242.47	4222761.30	5.12E-02	1.29E-02	2.68E-06	0.06402	2.68	0.16112	0.22514
P2_OS_0144 (OS)	566272.47	4222661.30	5.20E-02	2.46E-03	2.68E-06	0.05444	2.68	0.14747	0.20191
P2_OS_0236 (OS)	566332.47	4222641.30	5.20E-02	1.41E-03	2.68E-06	0.05343	2.68	0.14660	0.20003
P2_OS_0247 (OS)	566342.47	4222651.30	5.19E-02	1.38E-03	2.67E-06	0.05331	2.67	0.14634	0.19965
P2_OS_0047 (OS)	566125.78	4222691.49	5.14E-02	2.31E-03	2.65E-06	0.05375	2.65	0.14560	0.19935
P2_OS_0011 (OS)	566085.78	4222771.49	5.12E-02	5.04E-03	2.65E-06	0.05623	2.65	0.14851	0.20474
P2_OS_0030 (OS)	566105.78	4222731.49	5.11E-02	3.56E-03	2.64E-06	0.05462	2.64	0.14626	0.20088
P2_OS_0092 (OS)	566222.47	4222741.30	5.04E-02	1.07E-02	2.64E-06	0.06116	2.64	0.15580	0.21696
P2_OS_0095 (OS)	566232.47	4222691.30	5.10E-02	3.30E-03	2.63E-06	0.05434	2.63	0.14590	0.20024
P1_OS_0093 (OS)	566209.37	4222734.94	5.04E-02	9.40E-03	2.63E-06	0.05977	2.63	0.15350	0.21327
P2_OS_0190 (OS)	566302.47	4222641.30	5.09E-02	1.82E-03	2.62E-06	0.05268	2.62	0.14369	0.19637
P2_OS_0022 (OS)	566095.78	4222771.49	5.05E-02	5.84E-03	2.62E-06	0.05634	2.62	0.14780	0.20414
P2_OS_0034 (OS)	566105.78	4222771.49	5.02E-02	6.87E-03	2.61E-06	0.05704	2.61	0.14846	0.20550
P2_OS_0021 (OS)	566095.78	4222761.49	5.02E-02	5.01E-03	2.60E-06	0.05522	2.60	0.14590	0.20112
P2_OS_0038 (OS)	566115.78	4222701.49	5.03E-02	2.53E-03	2.59E-06	0.05285	2.59	0.14277	0.19562
P2_OS_0078 (OS)	566175.78	4222691.49	5.00E-02	2.92E-03	2.58E-06	0.05288	2.58	0.14228	0.19516
P2_OS_0159 (OS)	566282.47	4222651.30	5.00E-02	2.22E-03	2.58E-06	0.05221	2.58	0.14164	0.19385
P2_OS_0104 (OS)	566242.47	4222681.30	4.95E-02	3.11E-03	2.55E-06	0.05258	2.55	0.14122	0.19380
P2_OS_0101 (OS)	566232.47	4222751.30	4.87E-02	1.22E-02	2.55E-06	0.06080	2.55	0.15305	0.21385
P2_OS_0246 (OS)	566342.47	4222641.30	4.93E-02	1.31E-03	2.54E-06	0.05061	2.54	0.13892	0.18953
P2_OS_0222 (OS)	566322.47	4222631.30	4.93E-02	1.48E-03	2.54E-06	0.05073	2.54	0.13890	0.18963
P2_OS_0020 (OS)	566095.78	4222751.49							

P2_OS_0235 (OS)	566332.47	4222631.30		4.86E-02	1.36E-03	2.50E-06	0.04992	2.50		0.13687	0.18679
P2_OS_0023 (OS)	566095.78	4222781.49		4.79E-02	6.85E-03	2.49E-06	0.05472	2.49		0.14179	0.19651
P2_OS_0206 (OS)	566312.47	4222631.30		4.81E-02	1.62E-03	2.48E-06	0.04976	2.48		0.13590	0.18566
P2_OS_0115 (OS)	566252.47	4222671.30		4.80E-02	2.92E-03	2.48E-06	0.05092	2.48		0.13682	0.18774
P1_OS_0082 (OS)	566199.37	4222734.94		4.68E-02	9.96E-03	2.45E-06	0.05679	2.45		0.14434	0.20113
P2_OS_0055 (OS)	566135.78	4222681.49		4.73E-02	2.15E-03	2.44E-06	0.04941	2.44		0.13378	0.18319
P2_OS_0174 (OS)	566292.47	4222641.30		4.73E-02	2.00E-03	2.44E-06	0.04926	2.44		0.13377	0.18303
P2_OS_0019 (OS)	566095.78	4222741.49		4.70E-02	3.80E-03	2.43E-06	0.05076	2.43		0.13513	0.18589
P1_OS_0058 (OS)	566179.37	4222734.94		4.63E-02	8.74E-03	2.41E-06	0.05504	2.41		0.14070	0.19574
P2_OS_0037 (OS)	566115.78	4222691.49		4.68E-02	2.32E-03	2.41E-06	0.04909	2.41		0.13256	0.18165
P2_OS_0063 (OS)	566145.78	4222681.49		4.68E-02	2.20E-03	2.41E-06	0.04898	2.41		0.13253	0.18151
P2_OS_0028 (OS)	566105.78	4222711.49		4.65E-02	2.78E-03	2.40E-06	0.04923	2.40		0.13229	0.18152
P2_OS_0128 (OS)	566262.47	4222661.30		4.64E-02	2.71E-03	2.39E-06	0.04909	2.39		0.13204	0.18113
P2_OS_0245 (OS)	566342.47	4222631.30		4.60E-02	1.25E-03	2.37E-06	0.04724	2.37		0.12961	0.17685
P2_OS_0003 (OS)	566075.78	4222761.49		4.58E-02	4.11E-03	2.37E-06	0.04986	2.37		0.13197	0.18183
P1_OS_0070 (OS)	566189.37	4222734.94		4.53E-02	9.77E-03	2.37E-06	0.05502	2.37		0.13950	0.19452
P2_OS_0004 (OS)	566075.78	4222771.49		4.56E-02	4.51E-03	2.36E-06	0.05010	2.36		0.13207	0.18217
P2_OS_0046 (OS)	566125.78	4222681.49		4.55E-02	2.14E-03	2.35E-06	0.04768	2.35		0.12894	0.17662
P1_OS_0103 (OS)	566219.37	4222744.94		4.45E-02	1.25E-02	2.34E-06	0.05702	2.34		0.14196	0.19898
P2_OS_0069 (OS)	566155.78	4222681.49		4.53E-02	2.31E-03	2.34E-06	0.04765	2.34		0.12867	0.17632
P2_OS_0012 (OS)	566085.78	4222781.49		4.50E-02	5.73E-03	2.34E-06	0.05077	2.34		0.13222	0.18299
P2_OS_0009 (OS)	566085.78	4222751.49		4.50E-02	3.99E-03	2.33E-06	0.04897	2.33		0.12981	0.17878
P2_OS_0087 (OS)	566222.47	4222691.30		4.50E-02	3.49E-03	2.33E-06	0.04848	2.33		0.12911	0.17759
P2_OS_0189 (OS)	566302.47	4222631.30		4.51E-02	1.79E-03	2.32E-06	0.04685	2.32		0.12741	0.17426
P2_OS_0125 (OS)	566252.47	4222771.30		4.37E-02	1.32E-02	2.30E-06	0.05692	2.30		0.14077	0.19769
P2_OS_0018 (OS)	566095.78	4222731.49		4.44E-02	3.37E-03	2.30E-06	0.04780	2.30		0.12747	0.17527
P2_OS_0221 (OS)	566322.47	4222621.30		4.45E-02	1.44E-03	2.29E-06	0.04595	2.29		0.12557	0.17152
P2_OS_0143 (OS)	566272.47	4222651.30		4.43E-02	2.47E-03	2.29E-06	0.04680	2.29		0.12604	0.17284
P2_OS_0234 (OS)	566332.47	4222621.30		4.43E-02	1.31E-03	2.28E-06	0.04559	2.28		0.12484	0.17043
MS2_0048 (OS)	566181.61	4222686.60		4.37E-02	2.93E-03	2.26E-06	0.04661	2.26		0.12478	0.17139
P2_OS_0027 (OS)	566105.78	4222701.49		4.34E-02	2.54E-03	2.24E-06	0.04592	2.24		0.12338	0.16930
P2_OS_0094 (OS)	566232.47	4222681.30		4.26E-02	3.34E-03	2.20E-06	0.04593	2.20		0.12214	0.16807
P2_OS_0139 (OS)	566262.47	4222771.30		4.21E-02	9.59E-03	2.20E-06	0.05165	2.20		0.13063	0.18228
P2_OS_0205 (OS)	566312.47	4222621.30		4.26E-02	1.59E-03	2.19E-06	0.04417	2.19		0.12031	0.16448
P2_OS_0074 (OS)	566165.78	4222681.49		4.23E-02	2.48E-03	2.18E-06	0.04476	2.18		0.12034	0.16510
P2_OS_0158 (OS)	566282.47	4222641.30		4.21E-02	2.22E-03	2.17E-06	0.04431	2.17		0.11952	0.16383
P2_OS_0244 (OS)	566342.47	4222621.30		4.19E-02	1.19E-03	2.16E-06	0.04307	2.16		0.11805	0.16112
P1_OS_0111 (OS)	566229.37	4222754.94		4.05E-02	1.40E-02	2.14E-06	0.05448	2.14		0.13300	0.18748
P2_OS_0017 (OS)	566095.78	4222721.49		4.14E-02	3.04E-03	2.14E-06	0.04439	2.14		0.11839	0.16278
P2_OS_0036 (OS)	566115.78	4222681.49		4.12E-02	2.19E-03	2.12E-06	0.04338	2.12		0.11683	0.16021
P2_OS_0008 (OS)	566085.78	4222741.49		4.09E-02	3.61E-03	2.11E-06	0.04448	2.11		0.11779	0.16227
P1_OS_0094 (OS)	566209.37	4222744.94		3.99E-02	1.36E-02	2.11E-06	0.05349	2.11		0.13065	0.18414
P2_OS_0103 (OS)	566242.47	4222671.30		4.07E-02	3.20E-03	2.11E-06	0.04394	2.11		0.11677	0.16071
P2_OS_0155 (OS)	566272.47	4222771.30		4.00E-02	7.36E-03	2.09E-06	0.04738	2.09		0.12157	0.16895
P1_OS_0048 (OS)	566169.37	4222744.94		3.95E-02	1.08E-02	2.08E-06	0.05035	2.08		0.12490	0.17525
P2_OS_0173 (OS)	566292.47	4222631.30		3.99E-02	1.99E-03	2.06E-06	0.04192	2.06		0.11324	0.15516
P2_OS_0026 (OS)	566105.78	4222691.49		3.94E-02	2.38E-03	2.03E-06	0.04176	2.03		0.11199	0.15375
P2_OS_0114 (OS)	566252.47	4222661.30		3.92E-02	3.01E-03	2.02E-06	0.04219	2.02		0.11215	0.15434
P2_OS_0002 (OS)	566075.78	4222751.49		3.90E-02	3.80E-03	2.02E-06	0.04284	2.02		0.11286	0.15570
P1_OS_0059 (OS)	566179.37	4222744.94		3.79E-02	1.24E-02	2.00E-06	0.05031	2.00		0.12300	0.17331
P2_OS_0233 (OS)	566332.47	4222611.30		3.89E-02	1.26E-03	2.00E-06	0.04012	2.00		0.10963	0.14975
P2_OS_0220 (OS)	566322.47	4222611.30		3.87E-02	1.41E-03	1.99E-06	0.04009	1.99		0.10923	0.14932
P1_OS_0083 (OS)	566199.37	4222744.94		3.76E-02	1.39E-02	1.99E-06	0.05153	1.99		0.12467	0.17620
P2_OS_0188 (OS)	566302.47	4222621.30		3.82E-02	1.78E-03	1.97E-06	0.04002	1.97		0.10832	0.14834
P1_OS_0117 (OS)	566239.37	4222764.94		3.71E-02	1.50E-02	1.97E-06	0.05206	1.97		0.12501	0.17707
P1_OS_0071 (OS)	566189.37	4222744.94		3.70E-02	1.36E-02	1.96E-06	0.05064	1.96		0.12249	0.17313
P2_OS_0016 (OS)	566095.78	4222711.49		3.77E-02	2.79E-03	1.95E-06	0.04051	1.95		0.10789	0.14840
P2_OS_0127 (OS)	566262.47	4222651.30		3.75E-02	2.77E-03	1.94E-06	0.04026	1.94		0.10718	0.14744
P2_OS_0086 (OS)	566222.47	4222681.30		3.72E-02	3.38E-03	1.93E-06	0.04060	1.93		0.10720	0.14780
P1_OS_0040 (OS)	566159.37	4222754.94		3.56E-02	1.19E-02	1.88E-06	0.04749	1.88		0.11556	0.16305
P2_OS_0007 (OS)	566085.78	4222731.49		3.63E-02	3.31E-03	1.88E-06	0.03963	1.88		0.10467	0.14430
P2_OS_0204 (OS)	566312.47	4222611.30		3.59E-02	1.58E-03	1.85E-06	0.03746	1.85		0.10154	0.13900
P1_OS_0104 (OS)	566219.37	4222754.94		3.47E-02	1.57E-02	1.85E-06	0.05034	1.85		0.11924	0.16958
P2_OS_0142 (OS)	566272.47	4222641.30		3.51E-02	2.51E-03	1.81E-06	0.03758	1.81		0.10014	0.13772
P2_OS_0093 (OS)	566232.47	4222671.30		3.50E-02	3.30E-03	1.81E-06	0.03830	1.81		0.10086	0.13916
P2_OS_0054 (OS)	566135.78	4222671.49		3.41E-02	2.05E-03	1.76E-06	0.03616	1.76		0.09705	0.13321
P2_OS_0025 (OS)	566105.78	4222681.49		3.41E-02	2.28E-03	1.76E-06	0.03633	1.76		0.09699	0.13332
P1_OS_0049 (OS)	566169.37	4222754.94		3.30E-02	1.40E-02	1.76E-06	0.04705	1.76		0.11173	0.15878
P2_OS_0015 (OS)	566095.78	4222701.49		3.39E-02	2.61E-03	1.75E-06	0.03646	1.75		0.09684	0.13330
P2_OS_0102 (OS)	566242.47	4222661.30		3.34E-02	3.15E-03	1.73E-06	0.03658	1.73		0.09630	0.13288
P1_OS_0095 (OS)	566209.37	4222754.94		3.22E-02	1.66E-02	1.73E-06	0.04887	1.73		0.11388	0.16275
P2_OS_0045 (OS)	566125.78	4222671.49		3.34E-02	2.06E-03	1.72E-06	0.03548	1.72		0.09508	0.13056
P2_OS_0157 (OS)	566282.47	4222631.30		3.32E-02	2.25E-03	1.71E-06	0.03543	1.71		0.09457	0.13000
P1_OS_0033 (OS)	566149.37	4222764.94		3.23E-02	1.26E-02	1.71E-06	0.04489	1.71		0.10734	0.15223
P2_OS_0062 (OS)	566145.78	4222671.49		3.30E-02	2.12E-03	1.70E-06	0.03514	1.70		0.09411	0.12925
P1_OS_0121 (OS)	566249.37	4222774.94		3.16E-02	1.58E-02	1.69E-06	0.04743	1.69		0.11092	0.15835
P1_OS_0060 (OS)	566179.37	4222754.94		3.16E-02	1.56E-02	1.69E-06	0.04719	1.69		0.11024	0.15743
P2_OS_0006 (OS)	566085.78	4222721.49		3.25E-02	3.08E-03	1.68E-06	0.03558	1.68		0.09366	0.12924
P1_OS_0084 (OS)	566199.37	4222754.94		3.10E-02	1.69E-02	1.67E-06	0.04789	1.67		0.11079	0.15868
P2_OS_0232 (OS)	566332.47	4222601.30		3.23E-02	1.23E-03	1.66E-06	0.03355	1.66		0.09131	0.12486
MS2_0047 (OS)	566181.18	4222676.77		3.21E-02	2.82E-03	1.66E-06	0.03496	1.66		0.09248	0.12744
P1_OS_0072 (OS)	566189.37	4222754.94		3.09E-02	1.65E-02	1.66E-06	0.04740	1.66		0.10981	0.15721
P2_OS_0113 (OS)	566252.47	4222651.30		3.19E-02	2.95E-03	1.65E-06	0.03486	1.65		0.09178	0.12664
P2_OS_0172 (OS)	566292.47	4222621.30		3.19E-02	2.02E-03	1.64E-06	0.03387	1.64		0.09063	0.12450
P2_OS_0035 (OS)	566115.78	4222671.49		3.16E-02	2.13E-03	1.63E-06	0.03374	1.63		0.09007	0.12381
P2_OS_0219 (OS)	566322.47	4222601.30		3.15E-02	1.39E-03	1.62E-06	0.03290	1.62		0.08918	0.12208
P2_OS_0001 (OS)	566075.78	4222741.49		3.14E-02	3.05E-03	1.62E-06	0.03441	1.62		0.09083	0.12524
P1_OS_0112 (OS)	566229.37	4222764.94		3.01E-02	1.69E-02	1.62E-06	0.04702	1.62		0.10848	0.15550
P1_OS_0041 (OS)	566159.37	4222764.94		2.99E-02	1.48E-02	1.60E-06	0.04462	1.60		0.10401	

P1_OS_0061 (OS)	566179.37	4222764.94	2.69E-02	1.78E-02	1.46E-06	0.04467	1.46	0.10051	0.14518
P2_OS_0141 (OS)	566272.47	4222631.30	2.80E-02	2.38E-03	1.45E-06	0.03038	1.45	0.08026	0.11064
P1_OS_0096 (OS)	566209.37	4222764.94	2.66E-02	1.86E-02	1.44E-06	0.04517	1.44	0.10105	0.14622
P2_OS_0203 (OS)	566312.47	4222601.30	2.79E-02	1.59E-03	1.44E-06	0.02947	1.44	0.07916	0.10863
P1_OS_0034 (OS)	566149.37	4222774.94	2.67E-02	1.53E-02	1.43E-06	0.04194	1.43	0.09581	0.13775
P1_OS_0073 (OS)	566189.37	4222764.94	2.62E-02	1.85E-02	1.43E-06	0.04469	1.43	0.09979	0.14448
P1_OS_0085 (OS)	566199.37	4222764.94	2.61E-02	1.88E-02	1.42E-06	0.04484	1.42	0.09991	0.14475
P1_OS_0118 (OS)	566239.37	4222774.94	2.59E-02	1.78E-02	1.41E-06	0.04375	1.41	0.09811	0.14186
P2_OS_0024 (OS)	566105.78	4222671.49	2.71E-02	2.25E-03	1.40E-06	0.02931	1.40	0.07745	0.10676
P2_OS_0156 (OS)	566282.47	4222621.30	2.65E-02	2.12E-03	1.37E-06	0.02865	1.37	0.07590	0.10455
P1_OS_0042 (OS)	566159.37	4222774.94	2.51E-02	1.70E-02	1.36E-06	0.04208	1.36	0.09415	0.13623
P2_OS_0140 (OS)	566262.47	4222781.30	2.52E-02	1.15E-02	1.34E-06	0.03664	1.34	0.08630	0.12294
P2_OS_0013 (OS)	566095.78	4222681.49	2.59E-02	2.45E-03	1.34E-06	0.02836	1.34	0.07442	0.10278
MS2_0082 (OS)	566211.61	4222666.60	2.51E-02	3.54E-03	1.30E-06	0.02862	1.30	0.07347	0.10209
P1_OS_0051 (OS)	566169.37	4222774.94	2.38E-02	1.84E-02	1.30E-06	0.04217	1.30	0.09278	0.13495
P1_OS_0025 (OS)	566129.37	4222784.94	2.43E-02	1.28E-02	1.30E-06	0.03705	1.30	0.08518	0.12223
P2_OS_0171 (OS)	566292.47	4222611.30	2.51E-02	2.10E-03	1.30E-06	0.02719	1.30	0.07173	0.09892
P1_OS_0113 (OS)	566229.37	4222774.94	2.36E-02	1.90E-02	1.29E-06	0.04261	1.29	0.09341	0.13602
MS2_0026 (OS)	566161.61	4222666.60	2.45E-02	2.47E-03	1.27E-06	0.02696	1.27	0.07074	0.09770
P1_OS_0062 (OS)	566179.37	4222774.94	2.30E-02	1.92E-02	1.26E-06	0.04218	1.26	0.09178	0.13396
P1_OS_0029 (OS)	566139.37	4222784.94	2.30E-02	1.50E-02	1.24E-06	0.03798	1.24	0.08509	0.12307
P1_OS_0106 (OS)	566219.37	4222774.94	2.24E-02	1.97E-02	1.23E-06	0.04206	1.23	0.09105	0.13311
P1_OS_0074 (OS)	566189.37	4222774.94	2.24E-02	1.98E-02	1.23E-06	0.04219	1.23	0.09108	0.13327
MS2_0036 (OS)	566171.61	4222666.60	2.35E-02	2.75E-03	1.22E-06	0.02626	1.22	0.06832	0.09458
P1_OS_0086 (OS)	566199.37	4222774.94	2.20E-02	2.00E-02	1.22E-06	0.04205	1.22	0.09050	0.13255
P1_OS_0097 (OS)	566209.37	4222774.94	2.20E-02	2.00E-02	1.22E-06	0.04198	1.22	0.09044	0.13242
MS2_0071 (OS)	566201.61	4222666.60	2.33E-02	3.37E-03	1.21E-06	0.02663	1.21	0.06826	0.09489
P2_OS_0218 (OS)	566322.47	4222591.30	2.32E-02	1.37E-03	1.20E-06	0.02460	1.20	0.06601	0.09061
P1_OS_0035 (OS)	566149.37	4222784.94	2.19E-02	1.69E-02	1.20E-06	0.03880	1.20	0.08505	0.12385
P2_OS_0186 (OS)	566302.47	4222601.30	2.30E-02	1.86E-03	1.19E-06	0.02490	1.19	0.06581	0.09071
MS2_0046 (OS)	566181.61	4222666.60	2.29E-02	3.01E-03	1.19E-06	0.02586	1.19	0.06676	0.09262
MS2_0091 (OS)	566221.18	4222656.77	2.27E-02	3.55E-03	1.18E-06	0.02628	1.18	0.06690	0.09318
MS2_0059 (OS)	566191.61	4222666.60	2.27E-02	3.21E-03	1.18E-06	0.02592	1.18	0.06657	0.09249
P1_OS_0043 (OS)	566159.37	4222784.94	2.09E-02	1.83E-02	1.15E-06	0.03923	1.15	0.08458	0.12381
P1_OS_0052 (OS)	566169.37	4222784.94	2.01E-02	1.94E-02	1.12E-06	0.03951	1.12	0.08403	0.12354
P1_OS_0063 (OS)	566179.37	4222784.94	1.95E-02	2.02E-02	1.09E-06	0.03967	1.09	0.08360	0.12327
P1_OS_0122 (OS)	566249.37	4222784.94	1.94E-02	1.95E-02	1.08E-06	0.03884	1.08	0.08211	0.12095
P1_OS_0075 (OS)	566189.37	4222784.94	1.90E-02	2.07E-02	1.06E-06	0.03966	1.06	0.08297	0.12263
MS2_0081 (OS)	566211.61	4222656.60	2.03E-02	3.54E-03	1.06E-06	0.02379	1.06	0.06000	0.08379
P1_OS_0119 (OS)	566239.37	4222784.94	1.88E-02	2.02E-02	1.05E-06	0.03901	1.05	0.08171	0.12072
P1_OS_0024 (OS)	566119.37	4222794.94	1.94E-02	1.19E-02	1.05E-06	0.03129	1.05	0.07011	0.10140
P1_OS_0087 (OS)	566199.37	4222784.94	1.86E-02	2.08E-02	1.04E-06	0.03940	1.04	0.08206	0.12146
P1_OS_0114 (OS)	566229.37	4222784.94	1.86E-02	2.08E-02	1.04E-06	0.03939	1.04	0.08204	0.12143
P1_OS_0026 (OS)	566129.37	4222794.94	1.89E-02	1.43E-02	1.03E-06	0.03315	1.03	0.07248	0.10563
P1_OS_0098 (OS)	566209.37	4222784.94	1.83E-02	2.10E-02	1.03E-06	0.03925	1.03	0.08149	0.12074
P1_OS_0107 (OS)	566219.37	4222784.94	1.82E-02	2.11E-02	1.02E-06	0.03922	1.02	0.08131	0.12053
P1_OS_0030 (OS)	566139.37	4222794.94	1.83E-02	1.62E-02	1.01E-06	0.03455	1.01	0.07400	0.10855
P2_OS_0202 (OS)	566312.47	4222591.30	1.95E-02	1.63E-03	1.01E-06	0.02109	1.01	0.05563	0.07672
P1_OS_0036 (OS)	566149.37	4222794.94	1.77E-02	1.78E-02	9.87E-07	0.03555	0.99	0.07492	0.11047
MS2_0070 (OS)	566201.18	4222656.77	1.88E-02	3.56E-03	9.81E-07	0.02236	0.98	0.05599	0.07835
P1_OS_0044 (OS)	566159.37	4222794.94	1.72E-02	1.91E-02	9.67E-07	0.03630	0.97	0.07548	0.11178
MS2_0090 (OS)	566221.61	4222646.60	1.83E-02	3.46E-03	9.57E-07	0.02180	0.96	0.05457	0.07637
P1_OS_0053 (OS)	566169.37	4222794.94	1.68E-02	2.01E-02	9.48E-07	0.03684	0.95	0.07581	0.11265
P1_OS_0064 (OS)	566179.37	4222794.94	1.64E-02	2.07E-02	9.33E-07	0.03716	0.93	0.07588	0.11304
MS2_0058 (OS)	566191.61	4222656.60	1.79E-02	3.56E-03	9.32E-07	0.02142	0.93	0.05337	0.07479
MS2_0018 (OS)	566141.18	4222656.77	1.79E-02	2.27E-03	9.30E-07	0.02020	0.93	0.05218	0.07238
MS2_0021 (OS)	566151.61	4222656.60	1.77E-02	2.52E-03	9.19E-07	0.02020	0.92	0.05179	0.07199
P1_OS_0076 (OS)	566189.37	4222794.94	1.61E-02	2.12E-02	9.16E-07	0.03723	0.92	0.07553	0.11276
MS2_0025 (OS)	566161.18	4222656.77	1.75E-02	2.87E-03	9.12E-07	0.02040	0.91	0.05173	0.07213
MS2_0045 (OS)	566181.18	4222656.77	1.75E-02	3.46E-03	9.12E-07	0.02093	0.91	0.05218	0.07311
MS2_0015 (OS)	566131.61	4222656.60	1.75E-02	2.18E-03	9.08E-07	0.01968	0.91	0.05087	0.07055
MS2_0035 (OS)	566171.61	4222656.60	1.73E-02	3.25E-03	9.03E-07	0.02056	0.90	0.05152	0.07208
P1_OS_0088 (OS)	566199.37	4222794.94	1.57E-02	2.13E-02	8.96E-07	0.03696	0.90	0.07466	0.11162
MS2_0098 (OS)	566231.61	4222636.60	1.69E-02	3.16E-03	8.83E-07	0.02010	0.88	0.05036	0.07046
MS2_0012 (OS)	566121.18	4222656.77	1.69E-02	2.22E-03	8.79E-07	0.01915	0.88	0.04925	0.06840
P1_OS_0099 (OS)	566209.37	4222794.94	1.53E-02	2.13E-02	8.79E-07	0.03665	0.88	0.07375	0.11040
MS2_0080 (OS)	566211.61	4222646.60	1.66E-02	3.63E-03	8.68E-07	0.02023	0.87	0.04991	0.07014
P1_OS_0108 (OS)	566219.37	4222794.94	1.50E-02	2.13E-02	8.63E-07	0.03633	0.86	0.07289	0.10922
P1_OS_0115 (OS)	566229.37	4222794.94	1.50E-02	2.11E-02	8.58E-07	0.03606	0.86	0.07233	0.10839
P1_OS_0120 (OS)	566239.37	4222794.94	1.45E-02	2.08E-02	8.33E-07	0.03525	0.83	0.07041	0.10566
MS2_0103 (OS)	566241.61	4222626.60	1.60E-02	2.77E-03	8.32E-07	0.01874	0.83	0.04724	0.06598
MS2_0009 (OS)	566111.61	4222656.60	1.58E-02	2.29E-03	8.23E-07	0.01813	0.82	0.04622	0.06435
P1_OS_0031 (OS)	566139.37	4222804.94	1.44E-02	1.63E-02	8.11E-07	0.03075	0.81	0.06328	0.09403
P1_OS_0037 (OS)	566149.37	4222804.94	1.43E-02	1.79E-02	8.10E-07	0.03222	0.81	0.06544	0.09766
P1_OS_0045 (OS)	566159.37	4222804.94	1.41E-02	1.91E-02	8.07E-07	0.03325	0.81	0.06689	0.10014
MS2_0069 (OS)	566201.61	4222646.60	1.53E-02	3.85E-03	8.04E-07	0.01919	0.80	0.04662	0.06581
P1_OS_0054 (OS)	566169.37	4222804.94	1.40E-02	2.01E-02	8.03E-07	0.03403	0.80	0.06793	0.10196
P1_OS_0027 (OS)	566129.37	4222804.94	1.44E-02	1.42E-02	8.02E-07	0.02863	0.80	0.05991	0.08854
P1_OS_0065 (OS)	566179.37	4222804.94	1.38E-02	2.08E-02	7.97E-07	0.03458	0.80	0.06860	0.10318
MS2_0089 (OS)	566221.18	4222636.77	1.52E-02	3.40E-03	7.93E-07	0.01855	0.79	0.04562	0.06417
P1_OS_0077 (OS)	566189.37	4222804.94	1.35E-02	2.12E-02	7.86E-07	0.03477	0.79	0.06857	0.10334
MS2_0106 (OS)	566251.61	4222616.60	1.50E-02	2.39E-03	7.80E-07	0.01738	0.78	0.04411	0.06149
P2_OS_0217 (OS)	566322.47	4222581.30	1.49E-02	1.33E-03	7.73E-07	0.01627	0.77	0.04282	0.05909
P1_OS_0089 (OS)	566199.37	4222804.94	1.32E-02	2.13E-02	7.70E-07	0.03454	0.77	0.06783	0.10237
MS2_0057 (OS)	566191.61	4222646.60	1.45E-02	4.09E-03	7.61E-07	0.01856	0.76	0.04445	0.06301
P1_OS_0100 (OS)	566209.37	4222804.94	1.29E-02	2.12E-02	7.53E-07	0.03408	0.75	0.06673	0.10081
MS2_0097 (OS)	566231.61	4222626.60	1.41E-02	2.97E-03	7.38E-07	0.01710	0.74	0.04232	0.05942
P1_OS_0109 (OS)	566219.37	4222804.94	1.26E-02	2.09E-02	7.35E-07	0.03348	0.74	0.06536	0.09884
MS2_0044 (OS)	566181.61	4222646.60	1.39E-02	4.24E-03	7.32E-07	0.01814	0.73	0.04298	0.06112
MS2_0079 (OS)	566211.61	4222636.60	1.38E-02	3.72E-03	7.24E-07	0.01751	0.72	0.04216	0.05967
MS2_0107 (OS)	566261.61	4222606.60	1.38E-02	2.08E-03	7.18E-07	0.01588	0.72	0.04046	0.05634
P1_OS_0116 (OS)	566229.37	4222804.94	1.22E-02	2.05E-02	7.16E-07	0.03274	0.72	0.06371	0.09645
MS2_0034 (OS)	566171.61	4222646.60	1.36E-02	4.17E-03	7.14E-07	0.01772	0.71	0.04193	0.05965
MS2_0024 (OS)	566161.61	4222646.60	1.33E-02	3.82E-03	6.99E-07	0.01712	0.70	0.04087	0.05799
MS2_0102 (OS)	566241.18	4222616.77							

MS2_0068 (OS)	566201.18	4222636.77	1.28E-02	4.18E-03	6.74E-07	0.01695	0.67	0.03978	0.05673
P1_OS_0078 (OS)	566189.37	4222814.94	1.14E-02	2.08E-02	6.73E-07	0.03218	0.67	0.06187	0.09405
P2_OS_0201 (OS)	566312.47	4222581.30	1.29E-02	1.42E-03	6.71E-07	0.01436	0.67	0.03731	0.05167
P1_OS_0046 (OS)	566159.37	4222814.94	1.15E-02	1.85E-02	6.70E-07	0.03002	0.67	0.05859	0.08861
MS2_0017 (OS)	566141.61	4222646.60	1.28E-02	2.78E-03	6.69E-07	0.01558	0.67	0.03840	0.05398
MS2_0088 (OS)	566221.61	4222626.60	1.27E-02	3.28E-03	6.65E-07	0.01596	0.67	0.03860	0.05456
P1_OS_0090 (OS)	566199.37	4222814.94	1.11E-02	2.09E-02	6.62E-07	0.03204	0.66	0.06135	0.09339
P1_OS_0038 (OS)	566149.37	4222814.94	1.14E-02	1.71E-02	6.56E-07	0.02849	0.66	0.05595	0.08444
P1_OS_0101 (OS)	566209.37	4222814.94	1.09E-02	2.06E-02	6.48E-07	0.03148	0.65	0.06015	0.09163
MS2_0014 (OS)	566131.61	4222646.60	1.24E-02	2.56E-03	6.47E-07	0.01495	0.65	0.03701	0.05196
MS2_0056 (OS)	566191.61	4222636.60	1.20E-02	4.68E-03	6.37E-07	0.01670	0.64	0.03818	0.05488
P1_OS_0032 (OS)	566139.37	4222814.94	1.12E-02	1.46E-02	6.36E-07	0.02573	0.64	0.05152	0.07725
MS2_0105 (OS)	566251.61	4222606.60	1.22E-02	2.12E-03	6.35E-07	0.01431	0.64	0.03605	0.05036
P1_OS_0110 (OS)	566219.37	4222814.94	1.06E-02	1.99E-02	6.30E-07	0.03048	0.63	0.05819	0.08867
MS2_0011 (OS)	566121.61	4222646.60	1.19E-02	2.54E-03	6.20E-07	0.01440	0.62	0.03543	0.04983
MS2_0096 (OS)	566231.61	4222616.60	1.17E-02	2.75E-03	6.14E-07	0.01448	0.61	0.03541	0.04989
MS2_0043 (OS)	566181.18	4222636.77	1.15E-02	5.23E-03	6.11E-07	0.01669	0.61	0.03717	0.05386
MS2_0078 (OS)	566211.61	4222626.60	1.16E-02	3.75E-03	6.11E-07	0.01533	0.61	0.03601	0.05134
MS2_0008 (OS)	566111.61	4222646.60	1.13E-02	2.66E-03	5.91E-07	0.01394	0.59	0.03389	0.04783
MS2_0033 (OS)	566171.61	4222636.60	1.10E-02	5.61E-03	5.90E-07	0.01663	0.59	0.03631	0.05294
MS2_0023 (OS)	566161.18	4222636.77	1.07E-02	5.56E-03	5.72E-07	0.01624	0.57	0.03529	0.05153
MS2_0067 (OS)	566201.61	4222626.60	1.08E-02	4.36E-03	5.71E-07	0.01512	0.57	0.03434	0.04946
P1_OS_0067 (OS)	566179.37	4222824.94	9.50E-03	1.92E-02	5.70E-07	0.02871	0.57	0.05415	0.08286
P1_OS_0079 (OS)	566189.37	4222824.94	9.44E-03	1.98E-02	5.70E-07	0.02924	0.57	0.05488	0.08412
MS2_0101 (OS)	566241.61	4222606.60	1.08E-02	2.26E-03	5.65E-07	0.01307	0.56	0.03237	0.04544
P1_OS_0056 (OS)	566169.37	4222824.94	9.46E-03	1.83E-02	5.64E-07	0.02773	0.56	0.05250	0.08023
P1_OS_0091 (OS)	566199.37	4222824.94	9.30E-03	1.99E-02	5.63E-07	0.02916	0.56	0.05457	0.08373
MS2_0087 (OS)	566221.18	4222616.77	1.06E-02	3.14E-03	5.58E-07	0.01374	0.56	0.03267	0.04641
P1_OS_0102 (OS)	566209.37	4222824.94	9.13E-03	1.96E-02	5.53E-07	0.02872	0.55	0.05362	0.08234
MS2_0019 (OS)	566151.61	4222636.60	1.03E-02	5.11E-03	5.51E-07	0.01541	0.55	0.03377	0.04918
P1_OS_0047 (OS)	566159.37	4222824.94	9.29E-03	1.69E-02	5.49E-07	0.02614	0.55	0.04975	0.07589
MS2_0055 (OS)	566191.61	4222626.60	1.01E-02	5.18E-03	5.42E-07	0.01530	0.54	0.03336	0.04866
MS2_0016 (OS)	566141.18	4222636.77	9.96E-03	4.14E-03	5.29E-07	0.01410	0.53	0.03181	0.04591
P1_OS_0039 (OS)	566149.37	4222824.94	9.01E-03	1.39E-02	5.22E-07	0.02288	0.52	0.04460	0.06748
MS2_0042 (OS)	566181.61	4222626.60	9.59E-03	6.21E-03	5.19E-07	0.01580	0.52	0.03294	0.04874
MS2_0077 (OS)	566211.61	4222616.60	9.77E-03	3.66E-03	5.17E-07	0.01343	0.52	0.03088	0.04431
MS2_0104 (OS)	566251.61	4222596.60	9.83E-03	1.89E-03	5.13E-07	0.01172	0.51	0.02926	0.04098
MS2_0095 (OS)	566231.61	4222606.60	9.73E-03	2.51E-03	5.10E-07	0.01224	0.51	0.02959	0.04183
MS2_0013 (OS)	566131.61	4222636.60	9.54E-03	3.51E-03	5.05E-07	0.01305	0.50	0.02998	0.04303
MS2_0032 (OS)	566171.61	4222626.60	9.17E-03	7.42E-03	5.03E-07	0.01659	0.50	0.03296	0.04955
MS2_0022 (OS)	566161.61	4222626.60	8.80E-03	8.53E-03	4.89E-07	0.01733	0.49	0.03302	0.05035
MS2_0066 (OS)	566201.18	4222616.77	9.12E-03	4.45E-03	4.87E-07	0.01357	0.49	0.02986	0.04343
MS2_0010 (OS)	566121.18	4222636.77	9.15E-03	3.24E-03	4.84E-07	0.01239	0.48	0.02856	0.04095
P1_OS_0080 (OS)	566189.37	4222834.94	7.81E-03	1.86E-02	4.81E-07	0.02643	0.48	0.04842	0.07485
P1_OS_0092 (OS)	566199.37	4222834.94	7.75E-03	1.90E-02	4.80E-07	0.02679	0.48	0.04887	0.07566
P1_OS_0068 (OS)	566179.37	4222834.94	7.80E-03	1.77E-02	4.77E-07	0.02554	0.48	0.04704	0.07258
MS2_0086 (OS)	566221.61	4222606.60	8.91E-03	2.88E-03	4.70E-07	0.01179	0.47	0.02768	0.03947
P1_OS_0057 (OS)	566169.37	4222834.94	7.72E-03	1.62E-02	4.66E-07	0.02392	0.47	0.04435	0.06827
MS2_0054 (OS)	566191.61	4222616.60	8.59E-03	5.46E-03	4.65E-07	0.01405	0.46	0.02937	0.04342
MS2_0100 (OS)	566241.18	4222596.77	8.85E-03	2.03E-03	4.63E-07	0.01088	0.46	0.02666	0.03754
P1_OS_0018 (OS)	566147.77	4222624.30	7.97E-03	1.22E-02	4.62E-07	0.02016	0.46	0.03432	0.05448
MS2_0007 (OS)	566111.61	4222636.60	8.69E-03	3.34E-03	4.61E-07	0.01203	0.46	0.02732	0.03935
MS2_0041 (OS)	566181.18	4222616.77	8.14E-03	6.95E-03	4.48E-07	0.01509	0.45	0.02961	0.04470
P1_OS_0012 (OS)	566137.77	4222624.30	7.63E-03	1.24E-02	4.45E-07	0.02004	0.45	0.03357	0.05361
MS2_0076 (OS)	566211.61	4222606.60	8.27E-03	3.44E-03	4.39E-07	0.01171	0.44	0.02647	0.03818
MS2_0031 (OS)	566171.61	4222616.60	7.76E-03	8.86E-03	4.37E-07	0.01662	0.44	0.03044	0.04706
MS2_0094 (OS)	566231.61	4222596.60	8.09E-03	2.24E-03	4.25E-07	0.01033	0.43	0.02477	0.03510
P1_OS_0023 (OS)	566157.77	4222614.30	7.03E-03	1.43E-02	4.23E-07	0.02135	0.42	0.03384	0.05519
P1_OS_0006 (OS)	566127.77	4222624.30	7.31E-03	1.02E-02	4.19E-07	0.01751	0.42	0.03042	0.04793
MS2_0065 (OS)	566201.61	4222606.60	7.76E-03	4.27E-03	4.17E-07	0.01203	0.42	0.02587	0.03790
P1_OS_0017 (OS)	566147.77	4222614.30	6.73E-03	1.55E-02	4.12E-07	0.02223	0.41	0.03416	0.05639
P1_OS_0081 (OS)	566189.37	4222844.94	6.36E-03	1.78E-02	4.03E-07	0.02412	0.40	0.04287	0.06699
MS2_0053 (OS)	566191.61	4222606.60	7.33E-03	5.49E-03	4.00E-07	0.01282	0.40	0.02588	0.03870
MS2_0085 (OS)	566221.18	4222596.77	7.49E-03	2.61E-03	3.96E-07	0.01010	0.40	0.02347	0.03357
P1_OS_0011 (OS)	566137.77	4222614.30	6.44E-03	1.48E-02	3.94E-07	0.02123	0.39	0.03262	0.05385
P1_OS_0069 (OS)	566179.37	4222844.94	6.32E-03	1.58E-02	3.93E-07	0.02216	0.39	0.03981	0.06197
MS2_0040 (OS)	566181.61	4222606.60	6.95E-03	7.26E-03	3.88E-07	0.01421	0.39	0.02659	0.04080
MS2_0006 (OS)	566111.61	4222626.60	7.10E-03	4.64E-03	3.85E-07	0.01174	0.38	0.02417	0.03591
MS2_0099 (OS)	566241.61	4222586.60	7.29E-03	1.80E-03	3.82E-07	0.00909	0.38	0.02208	0.03117
MS2_0030 (OS)	566171.61	4222606.60	6.63E-03	9.57E-03	3.82E-07	0.01620	0.38	0.02800	0.04420
MS2_0075 (OS)	566211.61	4222596.60	7.02E-03	3.11E-03	3.74E-07	0.01013	0.37	0.02264	0.03277
P1_OS_0022 (OS)	566157.77	4222604.30	6.02E-03	1.41E-02	3.70E-07	0.02011	0.37	0.03080	0.05091
P1_OS_0005 (OS)	566127.77	4222614.30	6.18E-03	1.20E-02	3.69E-07	0.01813	0.37	0.02900	0.04713
P1_OS_0016 (OS)	566147.77	4222604.30	5.77E-03	1.48E-02	3.60E-07	0.02056	0.36	0.03076	0.05132
MS2_0064 (OS)	566201.18	4222596.77	6.62E-03	3.96E-03	3.57E-07	0.01058	0.36	0.02239	0.03297
MS2_0093 (OS)	566231.61	4222586.60	6.76E-03	1.98E-03	3.56E-07	0.00874	0.36	0.02079	0.02953
MS2_0052 (OS)	566191.61	4222596.60	6.28E-03	5.18E-03	3.45E-07	0.01146	0.34	0.02264	0.03410
P1_OS_0010 (OS)	566137.77	4222604.30	5.54E-03	1.38E-02	3.44E-07	0.01935	0.34	0.02910	0.04845
MS2_0039 (OS)	566181.18	4222596.77	5.98E-03	7.26E-03	3.38E-07	0.01324	0.34	0.02388	0.03712
MS2_0029 (OS)	566171.61	4222596.60	5.71E-03	9.95E-03	3.36E-07	0.01566	0.34	0.02580	0.04146
MS2_0084 (OS)	566221.61	4222586.60	6.33E-03	2.27E-03	3.35E-07	0.00860	0.33	0.01988	0.02848
MS2_0005 (OS)	566111.61	4222616.60	6.00E-03	5.78E-03	3.33E-07	0.01178	0.33	0.02223	0.03401
P1_OS_0021 (OS)	566157.77	4222594.30	5.21E-03	1.29E-02	3.23E-07	0.01810	0.32	0.02730	0.04540
P1_OS_0004 (OS)	566127.77	4222604.30	5.32E-03	1.08E-02	3.19E-07	0.01607	0.32	0.02540	0.04147
MS2_0074 (OS)	566211.61	4222586.60	5.97E-03	2.70E-03	3.18E-07	0.00867	0.32	0.01932	0.02799
P1_OS_0015 (OS)	566147.77	4222594.30	5.00E-03	1.32E-02	3.13E-07	0.01816	0.31	0.02697	0.04513
MS2_0063 (OS)	566201.61	4222586.60	5.67E-03	3.39E-03	3.06E-07	0.00906	0.31	0.01916	0.02822
MS2_0092 (OS)	566231.61	4222576.60	5.67E-03	1.75E-03	2.99E-07	0.00742	0.30	0.01751	0.02493
P1_OS_0009 (OS)	566137.77	4222594.30	4.81E-03	1.20E-02	2.99E-07	0.01681	0.30	0.02526	0.04207
MS2_0051 (OS)	566191.61	4222586.60	5.41E-03	4.52E-03	2.97E-07	0.00993	0.30	0.01954	0.02947
MS2_0028 (OS)	566171.61	4222586.60	4.95E-03	9.54E-03	2.95E-07	0.01449	0.30	0.02327	0.03776
MS2_0038 (OS)	566181.61	4222586.60	5.17E-03	6.43E-03	2.93E-07	0.01160	0.29	0.02077	0.03237
MS2_0004 (OS)	566111.61	4222606.60	5.19E-03	6.16E-03	2.93E-07	0.01135	0.29	0.02032	0.03167
MS2_0083 (OS)	566221.18	4222576.77	5.37E-03	1.98E-03	2.84E-0				

MS2_0062 (OS)	566201.18	4222576.77	4.88E-03	2.85E-03	2.63E-07	0.00773	0.26	0.01642	0.02415
P1_OS_0008 (OS)	566137.77	4222584.30	4.22E-03	1.04E-02	2.61E-07	0.01463	0.26	0.02201	0.03664
MS2_0003 (OS)	566111.61	4222596.60	4.56E-03	6.14E-03	2.61E-07	0.01070	0.26	0.01852	0.02922
MS2_0050 (OS)	566191.61	4222576.60	4.68E-03	3.64E-03	2.56E-07	0.00832	0.26	0.01663	0.02495
MS2_0027 (OS)	566171.61	4222576.60	4.32E-03	7.82E-03	2.55E-07	0.01214	0.26	0.01977	0.03191
MS2_0037 (OS)	566181.18	4222576.77	4.49E-03	5.25E-03	2.53E-07	0.00974	0.25	0.01770	0.02744
P1_OS_0002 (OS)	566127.77	4222584.30	4.09E-03	7.69E-03	2.43E-07	0.01178	0.24	0.01888	0.03066
P1_OS_0019 (OS)	566157.77	4222574.30	3.98E-03	8.50E-03	2.41E-07	0.01248	0.24	0.01949	0.03197
P1_OS_0013 (OS)	566147.77	4222574.30	3.85E-03	8.94E-03	2.36E-07	0.01279	0.24	0.01954	0.03233
MS2_0002 (OS)	566111.61	4222586.60	4.04E-03	5.82E-03	2.32E-07	0.00986	0.23	0.01677	0.02663
P1_OS_0007 (OS)	566137.77	4222574.30	3.74E-03	8.10E-03	2.27E-07	0.01184	0.23	0.01833	0.03017
P1_OS_0001 (OS)	566127.77	4222574.30	3.64E-03	6.02E-03	2.13E-07	0.00966	0.21	0.01593	0.02559
MS2_0001 (OS)	566111.61	4222576.60	3.62E-03	5.16E-03	2.08E-07	0.00878	0.21	0.01491	0.02369
Off-site Residential Receptors									
Res_0181 (Res)	566027.53	4222781.31	9.42E-03	2.51E-03	2.67E-06	0.01193	2.67	0.02916	0.04109
Res_0177 (Res)	566017.53	4222771.31	8.94E-03	2.07E-03	2.53E-06	0.01101	2.53	0.02733	0.03834
Res_0435 (Res)	566073.83	4222803.33	8.68E-03	4.90E-03	2.53E-06	0.01358	2.53	0.02997	0.04355
Res_0178 (Res)	566017.53	4222781.31	8.29E-03	2.18E-03	2.35E-06	0.01047	2.35	0.02566	0.03613
Res_0182 (Res)	566027.53	4222791.31	8.06E-03	2.65E-03	2.30E-06	0.01071	2.30	0.02552	0.03623
Res_0430 (Res)	566063.83	4222803.33	7.83E-03	4.25E-03	2.28E-06	0.01208	2.28	0.02674	0.03882
Res_0172 (Res)	566007.53	4222771.31	7.88E-03	1.84E-03	2.23E-06	0.00972	2.23	0.02412	0.03384
Res_0424 (Res)	566053.83	4222803.33	7.68E-03	3.89E-03	2.23E-06	0.01157	2.23	0.02574	0.03731
Res_0450 (Res)	566113.83	4222823.33	7.27E-03	6.76E-03	2.18E-06	0.01403	2.18	0.02887	0.04290
Res_0443 (Res)	566093.83	4222813.33	7.33E-03	6.03E-03	2.18E-06	0.01336	2.18	0.02798	0.04134
Res_0173 (Res)	566007.53	4222781.31	7.39E-03	1.93E-03	2.10E-06	0.00932	2.10	0.02286	0.03218
Res_0179 (Res)	566017.53	4222791.31	7.30E-03	2.29E-03	2.08E-06	0.00959	2.08	0.02301	0.03260
Res_0439 (Res)	566083.83	4222813.33	6.52E-03	5.15E-03	1.94E-06	0.01167	1.94	0.02456	0.03623
Res_0447 (Res)	566103.83	4222823.33	6.35E-03	5.78E-03	1.91E-06	0.01213	1.91	0.02507	0.03720
Res_0174 (Res)	566007.53	4222791.31	6.64E-03	2.01E-03	1.89E-06	0.00865	1.89	0.02089	0.02954
Res_0164 (Res)	565997.53	4222781.31	6.65E-03	1.73E-03	1.89E-06	0.00838	1.89	0.02060	0.02898
Res_0180 (Res)	566017.53	4222801.31	6.40E-03	2.39E-03	1.83E-06	0.00879	1.83	0.02061	0.02940
Res_0436 (Res)	566073.83	4222813.33	6.21E-03	4.46E-03	1.83E-06	0.01067	1.83	0.02273	0.03340
Res_0454 (Res)	566123.83	4222833.33	5.98E-03	6.18E-03	1.81E-06	0.01216	1.81	0.02460	0.03676
Res_0431 (Res)	566063.83	4222813.33	6.13E-03	3.97E-03	1.80E-06	0.01010	1.80	0.02179	0.03189
Res_0425 (Res)	566053.83	4222813.33	6.11E-03	3.66E-03	1.79E-06	0.00977	1.79	0.02120	0.03097
Res_0165 (Res)	565997.53	4222791.31	6.17E-03	1.79E-03	1.75E-06	0.00796	1.75	0.01933	0.02729
Res_0175 (Res)	566007.53	4222801.31	5.94E-03	2.09E-03	1.70E-06	0.00803	1.70	0.01901	0.02704
Res_0444 (Res)	566093.83	4222823.33	5.65E-03	5.05E-03	1.69E-06	0.01070	1.69	0.02216	0.03286
Res_0451 (Res)	566113.83	4222833.33	5.37E-03	5.34E-03	1.62E-06	0.01071	1.62	0.02183	0.03254
Res_0156 (Res)	565987.53	4222791.31	5.66E-03	1.62E-03	1.61E-06	0.00728	1.61	0.01771	0.02499
Res_0166 (Res)	565997.53	4222801.31	5.53E-03	1.85E-03	1.58E-06	0.00738	1.58	0.01759	0.02497
Res_0440 (Res)	566083.83	4222823.33	5.24E-03	4.47E-03	1.56E-06	0.00971	1.56	0.02020	0.02991
Res_0458 (Res)	566133.83	4222843.33	5.10E-03	5.59E-03	1.55E-06	0.01069	1.55	0.02137	0.03206
Res_0176 (Res)	566007.53	4222811.31	5.24E-03	2.16E-03	1.51E-06	0.00740	1.51	0.01711	0.02451
Res_0437 (Res)	566073.83	4222823.33	5.05E-03	4.00E-03	1.50E-06	0.00905	1.50	0.01901	0.02806
Res_0157 (Res)	565987.53	4222801.31	5.22E-03	1.66E-03	1.49E-06	0.00688	1.49	0.01653	0.02341
Res_0432 (Res)	566063.83	4222823.33	5.00E-03	3.64E-03	1.48E-06	0.00864	1.48	0.01829	0.02693
Res_0426 (Res)	566053.83	4222823.33	4.99E-03	3.39E-03	1.47E-06	0.00838	1.47	0.01783	0.02621
Res_0418 (Res)	566043.83	4222823.33	5.00E-03	3.26E-03	1.47E-06	0.00826	1.47	0.01753	0.02579
Res_0448 (Res)	566103.83	4222833.33	4.85E-03	4.73E-03	1.46E-06	0.00958	1.46	0.01959	0.02917
Res_0167 (Res)	565997.53	4222811.31	4.95E-03	1.91E-03	1.42E-06	0.00686	1.42	0.01602	0.02288
Res_0455 (Res)	566123.83	4222843.33	4.59E-03	4.80E-03	1.39E-06	0.00939	1.39	0.01895	0.02834
Res_0445 (Res)	566093.83	4222833.33	4.59E-03	4.26E-03	1.38E-06	0.00885	1.38	0.01820	0.02705
Res_0252 (Res)	566451.04	4222627.07	4.82E-03	5.90E-04	1.35E-06	0.00541	1.35	0.01409	0.01950
Res_0158 (Res)	565987.53	4222811.31	4.67E-03	1.70E-03	1.34E-06	0.00637	1.34	0.01502	0.02139
Res_0462 (Res)	566143.83	4222853.33	4.37E-03	4.91E-03	1.33E-06	0.00928	1.33	0.01842	0.02770
Res_0260 (Res)	566461.04	4222637.07	4.69E-03	5.90E-04	1.31E-06	0.00528	1.31	0.01371	0.01899
Res_0260 (Res)	566461.18	4222636.77	4.67E-03	5.90E-04	1.31E-06	0.00526	1.31	0.01365	0.01891
Res_0441 (Res)	566083.83	4222833.33	4.36E-03	3.87E-03	1.31E-06	0.00823	1.31	0.01700	0.02523
Res_0452 (Res)	566113.83	4222843.33	4.21E-03	4.30E-03	1.27E-06	0.00851	1.27	0.01726	0.02577
Res_0168 (Res)	565997.53	4222821.31	4.40E-03	1.95E-03	1.27E-06	0.00635	1.27	0.01452	0.02087
Res_0269 (Res)	566471.04	4222647.07	4.52E-03	5.80E-04	1.27E-06	0.00510	1.27	0.01323	0.01833
Res_0438 (Res)	566073.83	4222833.33	4.24E-03	3.55E-03	1.26E-06	0.00779	1.26	0.01620	0.02399
Res_0149 (Res)	565977.53	4222811.31	4.40E-03	1.54E-03	1.26E-06	0.00594	1.26	0.01410	0.02004
Res_0229 (Res)	566421.04	4222587.07	4.48E-03	5.80E-04	1.26E-06	0.00506	1.26	0.01310	0.01816
Res_0237 (Res)	566431.04	4222597.07	4.47E-03	5.80E-04	1.25E-06	0.00505	1.25	0.01307	0.01812
Res_0433 (Res)	566063.83	4222833.33	4.20E-03	3.29E-03	1.25E-06	0.00749	1.25	0.01566	0.02315
Res_0244 (Res)	566441.04	4222607.07	4.42E-03	5.70E-04	1.24E-06	0.00499	1.24	0.01293	0.01792
Res_0419 (Res)	566043.83	4222833.33	4.20E-03	2.99E-03	1.24E-06	0.00719	1.24	0.01505	0.02224
Res_0427 (Res)	566053.83	4222833.33	4.19E-03	3.10E-03	1.24E-06	0.00729	1.24	0.01529	0.02258
Res_0251 (Res)	566451.04	4222617.07	4.35E-03	5.70E-04	1.22E-06	0.00492	1.22	0.01273	0.01765
Res_0219 (Res)	566411.04	4222577.07	4.34E-03	5.80E-04	1.22E-06	0.00492	1.22	0.01270	0.01762
Res_0411 (Res)	566033.83	4222833.33	4.14E-03	2.76E-03	1.22E-06	0.00690	1.22	0.01462	0.02152
Res_0459 (Res)	566133.83	4222853.33	4.00E-03	4.27E-03	1.22E-06	0.00827	1.22	0.01658	0.02485
Res_0278 (Res)	566481.04	4222657.07	4.32E-03	5.70E-04	1.21E-06	0.00489	1.21	0.01266	0.01755
Res_0159 (Res)	565987.53	4222821.31	4.20E-03	1.74E-03	1.21E-06	0.00594	1.21	0.01374	0.01968
Res_0278 (Res)	566481.18	4222656.77	4.30E-03	5.70E-04	1.21E-06	0.00487	1.21	0.01261	0.01748
Res_0259 (Res)	566461.04	4222627.07	4.26E-03	5.60E-04	1.19E-06	0.00482	1.19	0.01249	0.01731
Res_0449 (Res)	566103.83	4222843.33	3.93E-03	3.92E-03	1.19E-06	0.00785	1.19	0.01595	0.02380
Res_0150 (Res)	565977.53	4222821.31	4.08E-03	1.57E-03	1.17E-06	0.00565	1.17	0.01321	0.01886
Res_0268 (Res)	566471.04	4222637.07	4.15E-03	5.60E-04	1.16E-06	0.00471	1.16	0.01218	0.01689
Res_0208 (Res)	566401.04	4222567.07	4.13E-03	5.80E-04	1.16E-06	0.00471	1.16	0.01212	0.01683
Res_0287 (Res)	566491.04	4222667.07	4.11E-03	5.50E-04	1.15E-06	0.00466	1.15	0.01206	0.01672
Res_0466 (Res)	566153.83	4222863.33	3.74E-03	4.08E-03	1.14E-06	0.00782	1.14	0.01544	0.02326
Res_0169 (Res)	565997.53	4222831.31	3.90E-03	2.00E-03	1.13E-06	0.00590	1.13	0.01317	0.01907
Res_0446 (Res)	566093.83	4222843.33	3.74E-03	3.61E-03	1.13E-06	0.00735	1.13	0.01501	0.02236
Res_0277 (Res)	566481.04	4222647.07	4.00E-03	5.50E-04	1.12E-06	0.00455	1.12	0.01176	0.01631
Res_0236 (Res)	566431.04	4222587.07	3.98E-03	5.50E-04	1.12E-06	0.00453	1.12	0.01167	0.01620
Res_0160 (Res)	565987.53	4222831.31	3.86E-03	1.78E-03	1.11E-06	0.00564	1.11	0.01282	0.01846
Res_0243 (Res)	566441.04	4222597.07	3.97E-03	5.40E-04	1.11E-06	0.00451	1.11	0.01165	0.01616
Res_0456 (Res)	566123.83	4222853.33	3.66E-03	3.82E-03	1.11E-06	0.00748	1.11	0.01507	0.02255
Res_0243 (Res)	566441.18	4222596.77	3.95E-03	5.40E-04	1.11E-06	0.00449	1.11	0.01159	0.01608
Res_0228 (Res)	566421.04	4222577.07	3.94E-03	5.50E-04	1.11E-06	0.00449	1.11	0.01157	0.01606
Res_0296 (Res)	566501.04	4222677.07	3.94E-03	5.40E-04	1.11E-06	0.00448	1.11	0.01158	0.01606
Res_0228 (Res)	566421.18	4222576.77	3.92E-03	5.5					

Res_0258 (Res)	566461.04	4222617.07		3.87E-03	5.40E-04	1.09E-06	0.00441	1.09		0.01136	0.01577
Res_0258 (Res)	566461.18	4222616.77		3.85E-03	5.40E-04	1.08E-06	0.00439	1.08		0.01132	0.01571
Res_0198 (Res)	566391.04	4222557.07		3.84E-03	5.70E-04	1.08E-06	0.00441	1.08		0.01131	0.01572
Res_0286 (Res)	566491.04	4222657.07		3.82E-03	5.40E-04	1.07E-06	0.00436	1.07		0.01124	0.01560
Res_0151 (Res)	565977.53	4222831.31		3.71E-03	1.59E-03	1.07E-06	0.00530	1.07		0.01219	0.01749
Res_0218 (Res)	566411.04	4222567.07		3.79E-03	5.50E-04	1.06E-06	0.00434	1.06		0.01115	0.01549
Res_0267 (Res)	566471.04	4222627.07		3.79E-03	5.30E-04	1.06E-06	0.00432	1.06		0.01116	0.01548
Res_0412 (Res)	566033.83	4222843.33		3.57E-03	2.71E-03	1.06E-06	0.00628	1.06		0.01288	0.01916
Res_0434 (Res)	566063.83	4222843.33		3.53E-03	2.94E-03	1.05E-06	0.00647	1.05		0.01339	0.01986
Res_0463 (Res)	566143.83	4222863.33		3.46E-03	3.65E-03	1.05E-06	0.00711	1.05		0.01420	0.02131
Res_0420 (Res)	566043.83	4222843.33		3.54E-03	2.72E-03	1.05E-06	0.00626	1.05		0.01296	0.01922
Res_0428 (Res)	566053.83	4222843.33		3.53E-03	2.81E-03	1.05E-06	0.00634	1.05		0.01313	0.01947
Res_0170 (Res)	565997.53	4222841.31		3.58E-03	2.06E-03	1.04E-06	0.00564	1.04		0.01228	0.01792
Res_0453 (Res)	566113.83	4222853.33		3.43E-03	3.52E-03	1.04E-06	0.00695	1.04		0.01405	0.02100
Res_0276 (Res)	566481.04	4222637.07		3.70E-03	5.30E-04	1.04E-06	0.00423	1.04		0.01089	0.01512
Res_0276 (Res)	566481.18	4222636.77		3.68E-03	5.30E-04	1.03E-06	0.00421	1.03		0.01085	0.01506
Res_0295 (Res)	566501.04	4222667.07		3.65E-03	5.20E-04	1.02E-06	0.00417	1.02		0.01076	0.01493
Res_0161 (Res)	565987.53	4222841.31		3.47E-03	1.81E-03	1.01E-06	0.00528	1.01		0.01173	0.01701
Res_0207 (Res)	566401.04	4222557.07		3.57E-03	5.40E-04	1.00E-06	0.00411	1.00		0.01053	0.01464
Res_0242 (Res)	566441.04	4222587.07		3.57E-03	5.20E-04	1.00E-06	0.00409	1.00		0.01051	0.01460
Res_0207 (Res)	566401.18	4222556.77		3.55E-03	5.40E-04	9.97E-07	0.00409	1.00		0.01048	0.01457
Res_0235 (Res)	566431.04	4222577.07		3.55E-03	5.30E-04	9.97E-07	0.00408	1.00		0.01045	0.01453
Res_0249 (Res)	566451.04	4222597.07		3.55E-03	5.20E-04	9.97E-07	0.00407	1.00		0.01045	0.01452
Res_0285 (Res)	566491.04	4222647.07		3.55E-03	5.20E-04	9.97E-07	0.00407	1.00		0.01046	0.01453
Res_0304 (Res)	566511.04	4222677.07		3.52E-03	5.10E-04	9.88E-07	0.00403	0.99		0.01037	0.01440
Res_0257 (Res)	566461.04	4222607.07		3.51E-03	5.20E-04	9.86E-07	0.00403	0.99		0.01035	0.01438
Res_0189 (Res)	566381.04	4222547.07		3.50E-03	5.70E-04	9.84E-07	0.00407	0.98		0.01036	0.01443
Res_0227 (Res)	566421.04	4222567.07		3.49E-03	5.30E-04	9.81E-07	0.00402	0.98		0.01029	0.01431
Res_0460 (Res)	566133.83	4222863.33		3.22E-03	3.32E-03	9.76E-07	0.00654	0.98		0.01312	0.01966
Res_0266 (Res)	566471.04	4222617.07		3.47E-03	5.10E-04	9.74E-07	0.00398	0.97		0.01023	0.01421
Res_0152 (Res)	565977.53	4222841.31		3.36E-03	1.62E-03	9.72E-07	0.00498	0.97		0.01123	0.01621
Res_0470 (Res)	566163.83	4222873.33		3.22E-03	3.08E-03	9.70E-07	0.00630	0.97		0.01253	0.01883
Res_0275 (Res)	566481.04	4222627.07		3.40E-03	5.10E-04	9.55E-07	0.00391	0.96		0.01004	0.01395
Res_0294 (Res)	566501.04	4222657.07		3.40E-03	5.00E-04	9.55E-07	0.00390	0.95		0.01004	0.01394
Res_0294 (Res)	566501.18	4222656.77		3.39E-03	5.00E-04	9.52E-07	0.00389	0.95		0.01000	0.01389
Res_0171 (Res)	565997.53	4222851.31		3.21E-03	2.15E-03	9.44E-07	0.00536	0.94		0.01128	0.01664
Res_0405 (Res)	566023.83	4222853.33		3.16E-03	2.53E-03	9.39E-07	0.00569	0.94		0.01143	0.01712
Res_0217 (Res)	566411.04	4222557.07		3.33E-03	5.20E-04	9.36E-07	0.00385	0.94		0.00984	0.01369
Res_0197 (Res)	566391.04	4222547.07		3.30E-03	5.40E-04	9.28E-07	0.00384	0.93		0.00976	0.01360
Res_0284 (Res)	566491.04	4222637.07		3.29E-03	5.00E-04	9.24E-07	0.00379	0.92		0.00973	0.01352
Res_0413 (Res)	566033.83	4222853.33		3.10E-03	2.46E-03	9.21E-07	0.00556	0.92		0.01133	0.01689
Res_0303 (Res)	566511.04	4222667.07		3.27E-03	4.90E-04	9.19E-07	0.00376	0.92		0.00965	0.01341
Res_0162 (Res)	565987.53	4222851.31		3.13E-03	1.86E-03	9.14E-07	0.00499	0.91		0.01077	0.01576
Res_0421 (Res)	566043.83	4222853.33		3.07E-03	2.47E-03	9.13E-07	0.00554	0.91		0.01137	0.01691
Res_0429 (Res)	566053.83	4222853.33		3.06E-03	2.52E-03	9.11E-07	0.00558	0.91		0.01148	0.01706
Res_0457 (Res)	566123.83	4222863.33		3.01E-03	3.07E-03	9.11E-07	0.00608	0.91		0.01224	0.01832
Res_0241 (Res)	566441.04	4222577.07		3.22E-03	5.00E-04	9.05E-07	0.00372	0.90		0.00950	0.01322
Res_0248 (Res)	566451.04	4222587.07		3.22E-03	5.00E-04	9.05E-07	0.00372	0.90		0.00952	0.01324
Res_0467 (Res)	566153.83	4222873.33		2.99E-03	2.82E-03	9.00E-07	0.00581	0.90		0.01166	0.01747
Res_0234 (Res)	566431.04	4222567.07		3.20E-03	5.00E-04	8.99E-07	0.00370	0.90		0.00945	0.01315
Res_0241 (Res)	566441.18	4222576.77		3.20E-03	5.00E-04	8.99E-07	0.00370	0.90		0.00946	0.01316
Res_0256 (Res)	566461.04	4222597.07		3.20E-03	4.90E-04	8.99E-07	0.00369	0.90		0.00947	0.01316
Res_0256 (Res)	566461.18	4222596.77		3.19E-03	4.90E-04	8.96E-07	0.00368	0.90		0.00943	0.01311
Res_0265 (Res)	566471.04	4222607.07		3.17E-03	4.90E-04	8.91E-07	0.00366	0.89		0.00938	0.01304
Res_0293 (Res)	566501.04	4222647.07		3.16E-03	4.90E-04	8.88E-07	0.00365	0.89		0.00936	0.01301
Res_0153 (Res)	565977.53	4222851.31		3.04E-03	1.65E-03	8.84E-07	0.00469	0.88		0.01034	0.01503
Res_0274 (Res)	566481.04	4222617.07		3.13E-03	4.90E-04	8.80E-07	0.00362	0.88		0.00925	0.01287
Res_0274 (Res)	566481.18	4222616.77		3.12E-03	4.90E-04	8.77E-07	0.00361	0.88		0.00922	0.01283
Res_0206 (Res)	566401.04	4222547.07		3.11E-03	5.20E-04	8.75E-07	0.00363	0.87		0.00922	0.01285
Res_0226 (Res)	566421.04	4222557.07		3.11E-03	5.00E-04	8.74E-07	0.00361	0.87		0.00919	0.01280
Res_0226 (Res)	566421.18	4222556.77		3.09E-03	5.00E-04	8.69E-07	0.00359	0.87		0.00915	0.01274
Res_0145 (Res)	565967.53	4222851.31		2.96E-03	1.49E-03	8.58E-07	0.00445	0.86		0.00993	0.01438
Res_0302 (Res)	566511.04	4222657.07		3.05E-03	4.70E-04	8.57E-07	0.00352	0.86		0.00901	0.01253
Res_0283 (Res)	566491.04	4222627.07		3.04E-03	4.80E-04	8.55E-07	0.00352	0.85		0.00901	0.01253
Res_0474 (Res)	566173.83	4222883.33		2.83E-03	2.56E-03	8.49E-07	0.00539	0.85		0.01070	0.01609
Res_0188 (Res)	566381.04	4222537.07		3.00E-03	5.40E-04	8.45E-07	0.00354	0.84		0.00893	0.01247
Res_0464 (Res)	566143.83	4222873.33		2.80E-03	2.64E-03	8.42E-07	0.00544	0.84		0.01099	0.01643
Res_0188 (Res)	566381.18	4222536.77		2.99E-03	5.40E-04	8.42E-07	0.00353	0.84		0.00888	0.01241
Res_0163 (Res)	565987.53	4222861.31		2.83E-03	1.93E-03	8.33E-07	0.00476	0.83		0.00995	0.01471
Res_0398 (Res)	566013.83	4222863.33		2.80E-03	2.15E-03	8.30E-07	0.00495	0.83		0.01004	0.01499
Res_0406 (Res)	566023.83	4222863.33		2.78E-03	2.28E-03	8.28E-07	0.00506	0.83		0.01013	0.01519
Res_0216 (Res)	566411.04	4222547.07		2.94E-03	4.90E-04	8.27E-07	0.00343	0.83		0.00872	0.01215
Res_0292 (Res)	566501.04	4222637.07		2.94E-03	4.70E-04	8.27E-07	0.00341	0.83		0.00872	0.01213
Res_0247 (Res)	566451.04	4222577.07		2.93E-03	4.70E-04	8.24E-07	0.00340	0.82		0.00868	0.01208
Res_0255 (Res)	566461.04	4222587.07		2.93E-03	4.70E-04	8.24E-07	0.00340	0.82		0.00868	0.01208
Res_0292 (Res)	566501.18	4222636.77		2.93E-03	4.70E-04	8.24E-07	0.00340	0.82		0.00869	0.01209
Res_0240 (Res)	566441.04	4222567.07		2.91E-03	4.80E-04	8.19E-07	0.00339	0.82		0.00863	0.01202
Res_0264 (Res)	566471.04	4222597.07		2.91E-03	4.70E-04	8.18E-07	0.00338	0.82		0.00862	0.01200
Res_0310 (Res)	566521.04	4222667.07		2.90E-03	4.60E-04	8.15E-07	0.00336	0.82		0.00859	0.01195
Res_0414 (Res)	566033.83	4222863.33		2.73E-03	2.23E-03	8.13E-07	0.00496	0.81		0.01004	0.01500
Res_0273 (Res)	566481.04	4222607.07		2.88E-03	4.70E-04	8.10E-07	0.00335	0.81		0.00854	0.01189
Res_0233 (Res)	566431.04	4222557.07		2.87E-03	4.80E-04	8.07E-07	0.00335	0.81		0.00851	0.01186
Res_0154 (Res)	565977.53	4222861.31		2.76E-03	1.69E-03	8.07E-07	0.00445	0.81		0.00955	0.01400
Res_0196 (Res)	566391.04	4222537.07		2.86E-03	5.10E-04	8.05E-07	0.00337	0.81		0.00851	0.01188
Res_0422 (Res)	566043.83	4222863.33		2.70E-03	2.23E-03	8.04E-07	0.00493	0.80		0.01005	0.01498
Res_0301 (Res)	566511.04	4222647.07		2.84E-03	4.60E-04	7.99E-07	0.00330	0.80		0.00841	0.01171
Res_0461 (Res)	566133.83	4222873.33		2.65E-03	2.50E-03	7.97E-07	0.00515	0.80		0.01042	0.01557
Res_0282 (Res)	566491.04	4222617.07		2.81E-03	4.60E-04	7.90E-07	0.00327	0.79		0.00835	0.01162
Res_0471 (Res)	566163.83	4222883.33		2.64E-03	2.32E-03	7.90E-07	0.00496	0.79		0.00998	0.01494
Res_0146 (Res)	565967.53	4222861.31		2.69E-03	1.51E-03						

Res_0254 (Res)	566461.04	4222577.07		2.68E-03	4.50E-04	7.54E-07	0.00313	0.75	0.00796	0.01109
Res_0246 (Res)	566451.04	4222567.07		2.67E-03	4.50E-04	7.51E-07	0.00312	0.75	0.00793	0.01105
Res_0254 (Res)	566461.18	4222576.77		2.67E-03	4.50E-04	7.51E-07	0.00312	0.75	0.00793	0.01105
Res_0263 (Res)	566471.04	4222587.07		2.67E-03	4.50E-04	7.51E-07	0.00312	0.75	0.00794	0.01106
Res_0478 (Res)	566183.83	4222893.33		2.50E-03	2.21E-03	7.48E-07	0.00471	0.75	0.00934	0.01405
Res_0272 (Res)	566481.04	4222597.07		2.65E-03	4.50E-04	7.46E-07	0.00310	0.75	0.00789	0.01099
Res_0239 (Res)	566441.04	4222557.07		2.64E-03	4.60E-04	7.43E-07	0.00310	0.74	0.00784	0.01094
Res_0272 (Res)	566481.18	4222596.77		2.64E-03	4.50E-04	7.43E-07	0.00309	0.74	0.00786	0.01095
Res_0300 (Res)	566511.04	4222637.07		2.64E-03	4.40E-04	7.43E-07	0.00308	0.74	0.00785	0.01093
Res_0155 (Res)	565977.53	4222871.31		2.52E-03	1.75E-03	7.42E-07	0.00427	0.74	0.00888	0.01315
Res_0468 (Res)	566153.83	4222883.33		2.48E-03	2.17E-03	7.42E-07	0.00465	0.74	0.00940	0.01405
Res_0239 (Res)	566441.18	4222556.77		2.63E-03	4.60E-04	7.40E-07	0.00309	0.74	0.00781	0.01090
Res_0407 (Res)	566023.83	4222873.33		2.46E-03	2.06E-03	7.34E-07	0.00452	0.73	0.00902	0.01354
Res_0187 (Res)	566381.04	4222527.07		2.60E-03	5.10E-04	7.33E-07	0.00311	0.73	0.00779	0.01090
Res_0215 (Res)	566411.04	4222537.07		2.60E-03	4.70E-04	7.32E-07	0.00307	0.73	0.00773	0.01080
Res_0281 (Res)	566491.04	4222607.07		2.60E-03	4.40E-04	7.32E-07	0.00304	0.73	0.00775	0.01079
Res_0232 (Res)	566431.04	4222547.07		2.58E-03	4.60E-04	7.27E-07	0.00304	0.73	0.00769	0.01073
Res_0315 (Res)	566531.04	4222667.07		2.58E-03	4.20E-04	7.26E-07	0.00300	0.73	0.00765	0.01065
Res_0415 (Res)	566033.83	4222873.33		2.42E-03	2.02E-03	7.21E-07	0.00444	0.72	0.00894	0.01338
Res_0147 (Res)	565967.53	4222871.31		2.46E-03	1.55E-03	7.21E-07	0.00401	0.72	0.00855	0.01256
Res_0290 (Res)	566501.04	4222617.07		2.54E-03	4.40E-04	7.15E-07	0.00298	0.71	0.00755	0.01053
Res_0423 (Res)	566043.83	4222873.33		2.39E-03	2.00E-03	7.13E-07	0.00439	0.71	0.00891	0.01330
Res_0290 (Res)	566501.18	4222616.77		2.53E-03	4.40E-04	7.12E-07	0.00297	0.71	0.00752	0.01049
Res_0308 (Res)	566521.04	4222647.07		2.53E-03	4.30E-04	7.12E-07	0.00296	0.71	0.00751	0.01047
Res_0195 (Res)	566391.04	4222527.07		2.50E-03	4.90E-04	7.05E-07	0.00299	0.71	0.00749	0.01048
Res_0141 (Res)	565957.53	4222871.31		2.41E-03	1.40E-03	7.03E-07	0.00381	0.70	0.00825	0.01206
Res_0475 (Res)	566173.83	4222893.33		2.35E-03	1.99E-03	7.01E-07	0.00434	0.70	0.00871	0.01305
Res_0465 (Res)	566143.83	4222883.33		2.34E-03	2.08E-03	7.01E-07	0.00442	0.70	0.00897	0.01339
Res_0392 (Res)	566003.83	4222883.33		2.34E-03	2.07E-03	7.01E-07	0.00441	0.70	0.00849	0.01290
Res_0224 (Res)	566421.04	4222537.07		2.47E-03	4.50E-04	6.96E-07	0.00292	0.70	0.00736	0.01028
Res_0224 (Res)	566421.18	4222536.77		2.46E-03	4.50E-04	6.93E-07	0.00291	0.69	0.00733	0.01024
Res_0253 (Res)	566461.04	4222567.07		2.46E-03	4.40E-04	6.93E-07	0.00290	0.69	0.00733	0.01023
Res_0262 (Res)	566471.04	4222577.07		2.46E-03	4.30E-04	6.93E-07	0.00289	0.69	0.00733	0.01022
Res_0299 (Res)	566511.04	4222627.07		2.46E-03	4.30E-04	6.93E-07	0.00289	0.69	0.00733	0.01022
Res_0271 (Res)	566481.04	4222587.07		2.45E-03	4.30E-04	6.90E-07	0.00288	0.69	0.00730	0.01018
Res_0245 (Res)	566451.04	4222557.07		2.44E-03	4.40E-04	6.87E-07	0.00288	0.69	0.00726	0.01014
Res_0135 (Res)	565947.53	4222871.31		2.35E-03	1.27E-03	6.83E-07	0.00362	0.68	0.00798	0.01160
Res_0280 (Res)	566491.04	4222597.07		2.42E-03	4.30E-04	6.81E-07	0.00285	0.68	0.00720	0.01005
Res_0400 (Res)	566013.83	4222883.33		2.28E-03	1.93E-03	6.80E-07	0.00421	0.68	0.00830	0.01251
Res_0314 (Res)	566531.04	4222657.07		2.41E-03	4.10E-04	6.78E-07	0.00282	0.68	0.00717	0.00999
Res_0204 (Res)	566401.04	4222527.07		2.40E-03	4.70E-04	6.77E-07	0.00287	0.68	0.00719	0.01006
Res_0238 (Res)	566441.04	4222547.07		2.40E-03	4.40E-04	6.76E-07	0.00284	0.68	0.00717	0.01001
Res_0482 (Res)	566193.83	4222903.33		2.25E-03	2.00E-03	6.74E-07	0.00425	0.67	0.00837	0.01262
Res_0148 (Res)	565967.53	4222881.31		2.26E-03	1.62E-03	6.67E-07	0.00388	0.67	0.00801	0.01189
Res_0289 (Res)	566501.04	4222607.07		2.36E-03	4.20E-04	6.65E-07	0.00278	0.66	0.00704	0.00982
Res_0307 (Res)	566521.04	4222637.07		2.36E-03	4.10E-04	6.64E-07	0.00277	0.66	0.00703	0.00980
Res_0386 (Res)	565993.83	4222893.33		2.21E-03	2.00E-03	6.63E-07	0.00421	0.66	0.00797	0.01218
Res_0307 (Res)	566521.18	4222636.77		2.35E-03	4.10E-04	6.62E-07	0.00276	0.66	0.00701	0.00977
Res_0472 (Res)	566163.83	4222893.33		2.21E-03	1.85E-03	6.59E-07	0.00406	0.66	0.00822	0.01228
Res_0231 (Res)	566431.04	4222537.07		2.32E-03	4.40E-04	6.54E-07	0.00276	0.65	0.00694	0.00970
Res_0408 (Res)	566023.83	4222883.33		2.19E-03	1.85E-03	6.53E-07	0.00404	0.65	0.00804	0.01208
Res_0142 (Res)	565957.53	4222881.31		2.22E-03	1.44E-03	6.51E-07	0.00366	0.65	0.00772	0.01138
Res_0319 (Res)	566541.04	4222667.07		2.31E-03	3.90E-04	6.50E-07	0.00270	0.65	0.00686	0.00956
Res_0214 (Res)	566411.04	4222527.07		2.30E-03	4.50E-04	6.49E-07	0.00275	0.65	0.00689	0.00964
Res_0298 (Res)	566511.04	4222617.07		2.30E-03	4.10E-04	6.48E-07	0.00271	0.65	0.00686	0.00957
Res_0186 (Res)	566381.04	4222517.07		2.28E-03	4.90E-04	6.44E-07	0.00277	0.64	0.00687	0.00964
Res_0186 (Res)	566381.18	4222516.77		2.28E-03	4.90E-04	6.44E-07	0.00277	0.64	0.00685	0.00962
Res_0261 (Res)	566471.04	4222567.07		2.28E-03	4.20E-04	6.42E-07	0.00270	0.64	0.00680	0.00950
Res_0416 (Res)	566033.83	4222883.33		2.15E-03	1.81E-03	6.41E-07	0.00396	0.64	0.00796	0.01192
Res_0270 (Res)	566481.04	4222577.07		2.26E-03	4.10E-04	6.37E-07	0.00267	0.64	0.00676	0.00943
Res_0270 (Res)	566481.18	4222576.77		2.26E-03	4.10E-04	6.37E-07	0.00267	0.64	0.00674	0.00941
Res_0313 (Res)	566531.04	4222647.07		2.26E-03	3.90E-04	6.36E-07	0.00265	0.64	0.00672	0.00937
Res_0136 (Res)	565947.53	4222881.31		2.17E-03	1.30E-03	6.34E-07	0.00347	0.63	0.00747	0.01094
Res_0279 (Res)	566491.04	4222587.07		2.25E-03	4.10E-04	6.34E-07	0.00266	0.63	0.00671	0.00937
Res_0469 (Res)	566153.83	4222893.33		2.10E-03	1.76E-03	6.26E-07	0.00386	0.63	0.00783	0.01169
Res_0393 (Res)	566003.83	4222893.33		2.09E-03	1.83E-03	6.25E-07	0.00392	0.63	0.00760	0.01152
Res_0194 (Res)	566391.04	4222517.07		2.21E-03	4.70E-04	6.24E-07	0.00268	0.62	0.00665	0.00933
Res_0479 (Res)	566183.83	4222903.33		2.09E-03	1.73E-03	6.23E-07	0.00382	0.62	0.00767	0.01149
Res_0306 (Res)	566521.04	4222627.07		2.21E-03	4.00E-04	6.23E-07	0.00261	0.62	0.00661	0.00922
Res_0223 (Res)	566421.04	4222527.07		2.20E-03	4.30E-04	6.21E-07	0.00263	0.62	0.00660	0.00923
Res_0130 (Res)	565937.53	4222881.31		2.13E-03	1.19E-03	6.20E-07	0.00332	0.62	0.00724	0.01056
Res_0288 (Res)	566501.04	4222597.07		2.20E-03	4.10E-04	6.20E-07	0.00261	0.62	0.00659	0.00920
Res_0288 (Res)	566501.18	4222596.77		2.20E-03	4.00E-04	6.20E-07	0.00260	0.62	0.00656	0.00916
Res_0401 (Res)	566013.83	4222893.33		2.04E-03	1.73E-03	6.09E-07	0.00377	0.61	0.00744	0.01121
Res_0486 (Res)	566203.83	4222913.33		2.03E-03	1.83E-03	6.09E-07	0.00386	0.61	0.00755	0.01141
Res_0318 (Res)	566541.04	4222657.07		2.16E-03	3.70E-04	6.08E-07	0.00253	0.61	0.00643	0.00896
Res_0143 (Res)	565957.53	4222891.31		2.05E-03	1.52E-03	6.06E-07	0.00357	0.61	0.00729	0.01086
Res_0297 (Res)	566511.04	4222607.07		2.15E-03	4.00E-04	6.06E-07	0.00255	0.61	0.00642	0.00897
Res_0318 (Res)	566541.18	4222656.77		2.15E-03	3.70E-04	6.05E-07	0.00252	0.61	0.00641	0.00893
Res_0203 (Res)	566401.04	4222517.07		2.13E-03	4.50E-04	6.02E-07	0.00258	0.60	0.00642	0.00900
Res_0203 (Res)	566401.18	4222516.77		2.13E-03	4.50E-04	6.02E-07	0.00258	0.60	0.00640	0.00898
Res_0312 (Res)	566531.04	4222637.07		2.11E-03	3.80E-04	5.94E-07	0.00249	0.59	0.00631	0.00880
Res_0387 (Res)	565993.83	4222903.33		1.98E-03	1.74E-03	5.93E-07	0.00372	0.59	0.00713	0.01085
Res_0137 (Res)	565947.53	4222891.31		2.01E-03	1.35E-03	5.91E-07	0.00336	0.59	0.00703	0.01039
Res_0230 (Res)	566431.04	4222527.07		2.09E-03	4.20E-04	5.90E-07	0.00251	0.59	0.00627	0.00878
Res_0476 (Res)	566173.83	4222903.33		1.98E-03	1.60E-03	5.89E-07	0.00358	0.59	0.00724	0.01082
Res_0305 (Res)	566521.04	4222617.07		2.08E-03	3.90E-04	5.86E-07	0.00247	0.59	0.00621	0.00868
Res_0380 (Res)	565983.83	4222903.33		1.96E-03	1.67E-03	5.85E-07	0.00363	0.59	0.00703	0.01066
Res_0305 (Res)	566521.18	4222616.77		2.07E-03	3.90E-04	5.83E-07	0.00246	0.58	0.00619	0.00865
Res_0409 (Res)	566023.83	4222893.33		1.95E-03	1.66E-03	5.82E-07	0.00361	0.58	0.00718	0.01079
Res_0213 (Res)	566411.04	4222517.07		2.06E-03	4.30E-04	5.82E-07	0.00249	0.58	0.00618	0.00867
Res_0131 (Res)	565937.53	4222891.31		1.97E-03	1.21E-03	5.76E-07	0.00318	0.58	0.00681	0.00999
Res_0144 (Res)	565957.53									

Res_0473 (Res)	566163.83	4222903.33	1.89E-03	1.53E-03	5.62E-07	0.00342	0.56	0.00691	0.01033
Res_0394 (Res)	566003.83	4222903.33	1.88E-03	1.63E-03	5.62E-07	0.00351	0.56	0.00683	0.01034
Res_0311 (Res)	566531.04	4222627.07	1.99E-03	3.70E-04	5.61E-07	0.00236	0.56	0.00596	0.00832
Res_0222 (Res)	566421.04	4222517.07	1.98E-03	4.10E-04	5.59E-07	0.00239	0.56	0.00595	0.00834
Res_0321 (Res)	566551.04	4222657.07	1.98E-03	3.50E-04	5.58E-07	0.00233	0.56	0.00590	0.00823
Res_0138 (Res)	565947.53	4222901.31	1.88E-03	1.42E-03	5.57E-07	0.00330	0.56	0.00667	0.00997
Res_0222 (Res)	566421.18	4222516.77	1.97E-03	4.10E-04	5.56E-07	0.00238	0.56	0.00592	0.00830
Res_0193 (Res)	566391.04	4222507.07	1.96E-03	4.50E-04	5.55E-07	0.00241	0.55	0.00593	0.00834
Res_0490 (Res)	566213.83	4222923.33	1.84E-03	1.68E-03	5.52E-07	0.00352	0.55	0.00681	0.01033
Res_0381 (Res)	565983.83	4222913.33	1.83E-03	1.66E-03	5.49E-07	0.00349	0.55	0.00659	0.01008
Res_0374 (Res)	565973.83	4222913.33	1.81E-03	1.61E-03	5.42E-07	0.00342	0.54	0.00651	0.00993
Res_0132 (Res)	565937.53	4222901.31	1.84E-03	1.26E-03	5.42E-07	0.00310	0.54	0.00643	0.00953
Res_0202 (Res)	566401.04	4222507.07	1.90E-03	4.30E-04	5.37E-07	0.00233	0.54	0.00575	0.00808
Res_0316 (Res)	566541.04	4222637.07	1.90E-03	3.50E-04	5.35E-07	0.00225	0.54	0.00569	0.00794
Res_0316 (Res)	566541.18	4222636.77	1.90E-03	3.50E-04	5.35E-07	0.00225	0.54	0.00568	0.00793
Res_0402 (Res)	566013.83	4222903.33	1.79E-03	1.55E-03	5.35E-07	0.00334	0.54	0.00656	0.00990
Res_0388 (Res)	565993.83	4222913.33	1.78E-03	1.54E-03	5.32E-07	0.00332	0.53	0.00641	0.00973
Res_0126 (Res)	565927.53	4222901.31	1.80E-03	1.14E-03	5.28E-07	0.00294	0.53	0.00622	0.00916
Res_0480 (Res)	566183.83	4222913.33	1.77E-03	1.41E-03	5.26E-07	0.00318	0.53	0.00643	0.00961
Res_0320 (Res)	566551.04	4222647.07	1.86E-03	3.40E-04	5.24E-07	0.00220	0.52	0.00556	0.00776
Res_0410 (Res)	566023.83	4222903.33	1.75E-03	1.49E-03	5.22E-07	0.00324	0.52	0.00644	0.00968
Res_0212 (Res)	566411.04	4222507.07	1.84E-03	4.10E-04	5.20E-07	0.00225	0.52	0.00556	0.00781
Res_0139 (Res)	565947.53	4222911.31	1.73E-03	1.40E-03	5.15E-07	0.00313	0.51	0.00623	0.00936
Res_0120 (Res)	565917.53	4222901.31	1.76E-03	1.04E-03	5.14E-07	0.00280	0.51	0.00604	0.00884
Res_0487 (Res)	566203.83	4222923.33	1.72E-03	1.44E-03	5.13E-07	0.00316	0.51	0.00625	0.00941
Res_0375 (Res)	565973.83	4222923.33	1.70E-03	1.59E-03	5.11E-07	0.00329	0.51	0.00612	0.00941
Res_0395 (Res)	566003.83	4222913.33	1.70E-03	1.46E-03	5.08E-07	0.00316	0.51	0.00616	0.00932
Res_0133 (Res)	565937.53	4222911.31	1.71E-03	1.34E-03	5.08E-07	0.00305	0.51	0.00612	0.00917
Res_0184 (Res)	566381.04	4222497.07	1.79E-03	4.40E-04	5.07E-07	0.00223	0.51	0.00545	0.00768
Res_0494 (Res)	566223.83	4222933.33	1.68E-03	1.55E-03	5.05E-07	0.00323	0.50	0.00621	0.00944
Res_0184 (Res)	566381.18	4222496.77	1.78E-03	4.40E-04	5.04E-07	0.00222	0.50	0.00543	0.00765
Res_0221 (Res)	566421.04	4222507.07	1.78E-03	4.00E-04	5.03E-07	0.00218	0.50	0.00538	0.00756
Res_0477 (Res)	566173.83	4222913.33	1.69E-03	1.33E-03	5.02E-07	0.00302	0.50	0.00613	0.00915
Res_0368 (Res)	565963.83	4222923.33	1.67E-03	1.52E-03	5.01E-07	0.00319	0.50	0.00601	0.00920
Res_0192 (Res)	566391.04	4222497.07	1.75E-03	4.20E-04	4.96E-07	0.00217	0.50	0.00532	0.00749
Res_0127 (Res)	565927.53	4222911.31	1.68E-03	1.19E-03	4.96E-07	0.00287	0.50	0.00590	0.00877
Res_0382 (Res)	565983.83	4222923.33	1.65E-03	1.47E-03	4.94E-07	0.00312	0.49	0.00594	0.00906
Res_0134 (Res)	565937.53	4222921.31	1.61E-03	1.49E-03	4.84E-07	0.00310	0.48	0.00591	0.00901
Res_0201 (Res)	566401.04	4222497.07	1.70E-03	4.10E-04	4.81E-07	0.00211	0.48	0.00518	0.00729
Res_0201 (Res)	566401.18	4222496.77	1.70E-03	4.10E-04	4.81E-07	0.00211	0.48	0.00516	0.00727
Res_0121 (Res)	565917.53	4222911.31	1.64E-03	1.07E-03	4.81E-07	0.00271	0.48	0.00571	0.00842
Res_0403 (Res)	566013.83	4222913.33	1.61E-03	1.39E-03	4.81E-07	0.00300	0.48	0.00590	0.00890
Res_0389 (Res)	565993.83	4222923.33	1.61E-03	1.38E-03	4.81E-07	0.00299	0.48	0.00579	0.00878
Res_0484 (Res)	566193.83	4222923.33	1.61E-03	1.28E-03	4.78E-07	0.00289	0.48	0.00582	0.00871
Res_0115 (Res)	565907.53	4222911.31	1.62E-03	9.80E-04	4.74E-07	0.00260	0.47	0.00554	0.00814
Res_0369 (Res)	565963.83	4222933.33	1.57E-03	1.52E-03	4.73E-07	0.00309	0.47	0.00567	0.00876
Res_0211 (Res)	566411.04	4222497.07	1.66E-03	3.90E-04	4.70E-07	0.00205	0.47	0.00504	0.00709
Res_0128 (Res)	565927.53	4222921.31	1.57E-03	1.28E-03	4.67E-07	0.00285	0.47	0.00563	0.00848
Res_0498 (Res)	566233.83	4222943.33	1.55E-03	1.47E-03	4.67E-07	0.00302	0.47	0.00574	0.00876
Res_0491 (Res)	566213.83	4222933.33	1.56E-03	1.31E-03	4.65E-07	0.00287	0.47	0.00565	0.00852
Res_0363 (Res)	565953.83	4222933.33	1.54E-03	1.45E-03	4.63E-07	0.00299	0.46	0.00554	0.00853
Res_0396 (Res)	566003.83	4222923.33	1.54E-03	1.31E-03	4.60E-07	0.00285	0.46	0.00558	0.00843
Res_0376 (Res)	565973.83	4222933.33	1.53E-03	1.40E-03	4.59E-07	0.00293	0.46	0.00552	0.00845
Res_0220 (Res)	566421.04	4222497.07	1.61E-03	3.80E-04	4.56E-07	0.00199	0.46	0.00489	0.00688
Res_0122 (Res)	565917.53	4222921.31	1.54E-03	1.13E-03	4.55E-07	0.00267	0.46	0.00542	0.00809
Res_0183 (Res)	566381.04	4222487.07	1.60E-03	4.20E-04	4.54E-07	0.00202	0.45	0.00491	0.00693
Res_0220 (Res)	566421.18	4222496.77	1.60E-03	3.80E-04	4.53E-07	0.00198	0.45	0.00487	0.00685
Res_0481 (Res)	566183.83	4222923.33	1.52E-03	1.17E-03	4.51E-07	0.00269	0.45	0.00547	0.00816
Res_0383 (Res)	565983.83	4222933.33	1.50E-03	1.31E-03	4.49E-07	0.00281	0.45	0.00537	0.00818
Res_0129 (Res)	565927.53	4222931.31	1.48E-03	1.42E-03	4.46E-07	0.00290	0.45	0.00547	0.00837
Res_0191 (Res)	566391.04	4222487.07	1.57E-03	4.10E-04	4.45E-07	0.00198	0.45	0.00480	0.00678
Res_0116 (Res)	565907.53	4222921.31	1.51E-03	1.01E-03	4.44E-07	0.00252	0.44	0.00525	0.00777
Res_0364 (Res)	565953.83	4222943.33	1.45E-03	1.45E-03	4.38E-07	0.00290	0.44	0.00525	0.00815
Res_0200 (Res)	566401.04	4222487.07	1.54E-03	3.90E-04	4.37E-07	0.00193	0.44	0.00470	0.00663
Res_0488 (Res)	566203.83	4222933.33	1.47E-03	1.16E-03	4.37E-07	0.00263	0.44	0.00526	0.00789
Res_0390 (Res)	565993.83	4222933.33	1.46E-03	1.23E-03	4.36E-07	0.00269	0.44	0.00525	0.00794
Res_0502 (Res)	566243.83	4222953.33	1.44E-03	1.41E-03	4.35E-07	0.00285	0.43	0.00534	0.00819
Res_0110 (Res)	565897.53	4222921.31	1.48E-03	9.20E-04	4.33E-07	0.00240	0.43	0.00511	0.00751
Res_0404 (Res)	566013.83	4222923.33	1.45E-03	1.25E-03	4.33E-07	0.00270	0.43	0.00531	0.00801
Res_0123 (Res)	565917.53	4222931.31	1.44E-03	1.21E-03	4.30E-07	0.00265	0.43	0.00520	0.00785
Res_0495 (Res)	566223.83	4222943.33	1.43E-03	1.23E-03	4.27E-07	0.00266	0.43	0.00521	0.00787
Res_0370 (Res)	565963.83	4222943.33	1.42E-03	1.33E-03	4.27E-07	0.00275	0.43	0.00509	0.00784
Res_0210 (Res)	566411.04	4222487.07	1.50E-03	3.80E-04	4.25E-07	0.00188	0.43	0.00458	0.00646
Res_0117 (Res)	565907.53	4222931.31	1.42E-03	1.06E-03	4.20E-07	0.00248	0.42	0.00501	0.00749
Res_0397 (Res)	566003.83	4222933.33	1.40E-03	1.18E-03	4.18E-07	0.00258	0.42	0.00506	0.00764
Res_0377 (Res)	565973.83	4222943.33	1.39E-03	1.24E-03	4.16E-07	0.00263	0.42	0.00498	0.00761
Res_0124 (Res)	565917.53	4222941.31	1.37E-03	1.35E-03	4.14E-07	0.00272	0.41	0.00508	0.00780
Res_0485 (Res)	566193.83	4222933.33	1.39E-03	1.06E-03	4.12E-07	0.00245	0.41	0.00496	0.00741
Res_0111 (Res)	565897.53	4222931.31	1.39E-03	9.50E-04	4.09E-07	0.00234	0.41	0.00485	0.00719
Res_0359 (Res)	565943.83	4222953.33	1.35E-03	1.38E-03	4.09E-07	0.00273	0.41	0.00489	0.00762
Res_0506 (Res)	566253.83	4222963.33	1.34E-03	1.36E-03	4.06E-07	0.00270	0.41	0.00501	0.00771
Res_0358 (Res)	565943.83	4222943.33	1.35E-03	1.18E-03	4.04E-07	0.00253	0.40	0.00487	0.00740
Res_0190 (Res)	566391.04	4222477.07	1.42E-03	3.90E-04	4.03E-07	0.00181	0.40	0.00437	0.00618
Res_0384 (Res)	565983.83	4222943.33	1.35E-03	1.16E-03	4.03E-07	0.00251	0.40	0.00484	0.00735
Res_0353 (Res)	565933.83	4222953.33	1.32E-03	1.31E-03	3.99E-07	0.00263	0.40	0.00478	0.00741
Res_0492 (Res)	566213.83	4222943.33	1.34E-03	1.06E-03	3.98E-07	0.00240	0.40	0.00479	0.00719
Res_0499 (Res)	566233.83	4222953.33	1.33E-03	1.17E-03	3.98E-07	0.00250	0.40	0.00485	0.00735
Res_0199 (Res)	566401.04	4222477.07	1.40E-03	3.70E-04	3.97E-07	0.00177	0.40	0.00428	0.00605
Res_0118 (Res)	565907.53	4222941.31	1.33E-03	1.14E-03	3.97E-07	0.00247	0.40	0.00482	0.00729
Res_0199 (Res)	566401.18	4222476.77	1.39E-03	3.70E-04	3.95E-07	0.00176	0.39	0.00427	0.00603
Res_0365 (Res)	565953.83	4222953.33	1.31E-03	1.25E-03	3.94E-07	0.00256	0.39	0.00471	0.00727
Res_0209 (Res)	566411.04	4222477.07	1.37E-03	3.60E-04	3.89E-07	0.00173	0.39	0.00419	0.00592
Res_0112 (Res)	565897.53	4222941.31	1.31E-03	1.00E-03	3.88E-07	0.00231	0.39	0.00464	0.00695
Res_0509 (Res)	566263.83	4222973.33	1.27E-03	1.33E-03	3.85E-07	0.00260	0.39	0.00475	0.00735
Res_0391 (Res)	565993.83	4222943.33</							

Res_0489 (Res)	566203.83	4222943.33	1.27E-03	9.70E-04	3.76E-07	0.00224	0.38	0.00451	0.00675
Res_0354 (Res)	565933.83	4222963.33	1.23E-03	1.32E-03	3.74E-07	0.00255	0.37	0.00450	0.00705
Res_0378 (Res)	565973.83	4222953.33	1.25E-03	1.09E-03	3.74E-07	0.00234	0.37	0.00448	0.00682
Res_0503 (Res)	566243.83	4222963.33	1.24E-03	1.12E-03	3.72E-07	0.00236	0.37	0.00453	0.00689
Res_0113 (Res)	565897.53	4222951.31	1.24E-03	1.08E-03	3.71E-07	0.00232	0.37	0.00448	0.00680
Res_0496 (Res)	566223.83	4222953.33	1.24E-03	1.00E-03	3.69E-07	0.00224	0.37	0.00446	0.00670
Res_0512 (Res)	566273.83	4222983.33	1.21E-03	1.31E-03	3.68E-07	0.00252	0.37	0.00454	0.00706
Res_0114 (Res)	565897.53	4222961.31	1.19E-03	1.21E-03	3.60E-07	0.00240	0.36	0.00441	0.00681
Res_0360 (Res)	565943.83	4222963.33	1.19E-03	1.19E-03	3.60E-07	0.00238	0.36	0.00432	0.00670
Res_0107 (Res)	565887.53	4222951.31	1.21E-03	9.40E-04	3.59E-07	0.00215	0.36	0.00431	0.00646
Res_0385 (Res)	565983.83	4222953.33	1.19E-03	1.03E-03	3.56E-07	0.00222	0.36	0.00429	0.00651
Res_0515 (Res)	566283.83	4222993.33	1.16E-03	1.30E-03	3.54E-07	0.00246	0.35	0.00438	0.00684
Res_0349 (Res)	565923.83	4222973.33	1.16E-03	1.26E-03	3.53E-07	0.00242	0.35	0.00421	0.00663
Res_0102 (Res)	565877.53	4222951.31	1.19E-03	8.30E-04	3.51E-07	0.00202	0.35	0.00417	0.00619
Res_0366 (Res)	565953.83	4222963.33	1.16E-03	1.10E-03	3.49E-07	0.00226	0.35	0.00418	0.00644
Res_0507 (Res)	566253.83	4222973.33	1.16E-03	1.09E-03	3.49E-07	0.00225	0.35	0.00427	0.00652
Res_0348 (Res)	565923.83	4222963.33	1.16E-03	1.05E-03	3.48E-07	0.00221	0.35	0.00419	0.00640
Res_0518 (Res)	566293.83	4223003.33	1.13E-03	1.32E-03	3.46E-07	0.00245	0.35	0.00428	0.00673
Res_0500 (Res)	566233.83	4222963.33	1.16E-03	9.60E-04	3.46E-07	0.00212	0.35	0.00416	0.00628
Res_0108 (Res)	565887.53	4222961.31	1.15E-03	1.02E-03	3.44E-07	0.00217	0.34	0.00417	0.00634
Res_0493 (Res)	566213.83	4222953.33	1.16E-03	8.90E-04	3.44E-07	0.00205	0.34	0.00413	0.00618
Res_0343 (Res)	565913.83	4222973.33	1.13E-03	1.19E-03	3.43E-07	0.00232	0.34	0.00411	0.00643
Res_0372 (Res)	565963.83	4222963.33	1.13E-03	1.02E-03	3.39E-07	0.00215	0.34	0.00407	0.00622
Res_0521 (Res)	566303.83	4223013.33	1.10E-03	1.32E-03	3.38E-07	0.00242	0.34	0.00418	0.00660
Res_0109 (Res)	565887.53	4222971.31	1.11E-03	1.14E-03	3.36E-07	0.00225	0.34	0.00412	0.00637
Res_0355 (Res)	565933.83	4222973.33	1.11E-03	1.13E-03	3.36E-07	0.00224	0.34	0.00403	0.00627
Res_0103 (Res)	565877.53	4222961.31	1.13E-03	8.80E-04	3.35E-07	0.00201	0.34	0.00400	0.00601
Res_0344 (Res)	565913.83	4222983.33	1.09E-03	1.21E-03	3.33E-07	0.00230	0.33	0.00397	0.00627
Res_0510 (Res)	566263.83	4222983.33	1.10E-03	1.08E-03	3.32E-07	0.00218	0.33	0.00408	0.00626
Res_0338 (Res)	565903.83	4222983.33	1.09E-03	1.15E-03	3.31E-07	0.00224	0.33	0.00395	0.00619
Res_0098 (Res)	565867.53	4222961.31	1.11E-03	7.70E-04	3.27E-07	0.00188	0.33	0.00386	0.00574
Res_0361 (Res)	565943.83	4222973.33	1.08E-03	1.04E-03	3.25E-07	0.00212	0.33	0.00389	0.00601
Res_0497 (Res)	566223.83	4222963.33	1.09E-03	8.50E-04	3.23E-07	0.00194	0.32	0.00386	0.00580
Res_0524 (Res)	566313.83	4223023.33	1.05E-03	1.29E-03	3.23E-07	0.00234	0.32	0.00404	0.00638
Res_0504 (Res)	566243.83	4222973.33	1.08E-03	9.10E-04	3.22E-07	0.00199	0.32	0.00389	0.00588
Res_0379 (Res)	565973.83	4222963.33	1.07E-03	9.70E-04	3.21E-07	0.00204	0.32	0.00388	0.00592
Res_0104 (Res)	565877.53	4222971.31	1.07E-03	9.40E-04	3.20E-07	0.00201	0.32	0.00388	0.00589
Res_0339 (Res)	565903.83	4222993.33	1.05E-03	1.15E-03	3.20E-07	0.00220	0.32	0.00381	0.00601
Res_0513 (Res)	566273.83	4222993.33	1.05E-03	1.07E-03	3.18E-07	0.00212	0.32	0.00393	0.00605
Res_0350 (Res)	565923.83	4222983.33	1.04E-03	1.07E-03	3.15E-07	0.00211	0.32	0.00377	0.00588
Res_0527 (Res)	566323.83	4223033.33	1.02E-03	1.27E-03	3.15E-07	0.00229	0.31	0.00390	0.00619
Res_0105 (Res)	565877.53	4222981.31	1.03E-03	1.06E-03	3.12E-07	0.00209	0.31	0.00384	0.00593
Res_0099 (Res)	565867.53	4222971.31	1.05E-03	8.00E-04	3.11E-07	0.00185	0.31	0.00371	0.00556
Res_0516 (Res)	566283.83	4223003.33	1.02E-03	1.09E-03	3.10E-07	0.00211	0.31	0.00385	0.00596
Res_0367 (Res)	565953.83	4222973.33	1.02E-03	9.60E-04	3.07E-07	0.00198	0.31	0.00369	0.00567
Res_0508 (Res)	566253.83	4222983.33	1.02E-03	9.00E-04	3.05E-07	0.00192	0.31	0.00371	0.00563
Res_0519 (Res)	566293.83	4223013.33	1.00E-03	1.10E-03	3.05E-07	0.00210	0.30	0.00377	0.00587
Res_0094 (Res)	565857.53	4222971.31	1.03E-03	7.00E-04	3.03E-07	0.00173	0.30	0.00358	0.00531
Res_0530 (Res)	566333.83	4223043.33	9.80E-04	1.25E-03	3.03E-07	0.00223	0.30	0.00378	0.00601
Res_0334 (Res)	565893.83	4223003.33	9.90E-04	1.07E-03	3.01E-07	0.00206	0.30	0.00357	0.00563
Res_0501 (Res)	566233.83	4222973.33	1.01E-03	8.00E-04	3.00E-07	0.00181	0.30	0.00361	0.00542
Res_0345 (Res)	565913.83	4222993.33	9.90E-04	1.02E-03	3.00E-07	0.00201	0.30	0.00356	0.00557
Res_0063 (Res)	566079.69	4222383.95	9.60E-04	1.32E-03	2.99E-07	0.00228	0.30	0.00354	0.00582
Res_0100 (Res)	565867.53	4222981.31	1.00E-03	8.60E-04	2.99E-07	0.00186	0.30	0.00359	0.00545
Res_0373 (Res)	565963.83	4222973.33	9.90E-04	9.10E-04	2.97E-07	0.00190	0.30	0.00359	0.00549
Res_0522 (Res)	566303.83	4223023.33	9.70E-04	1.11E-03	2.97E-07	0.00208	0.30	0.00369	0.00577
Res_0533 (Res)	566343.83	4223053.33	9.60E-04	1.22E-03	2.97E-07	0.00218	0.30	0.00367	0.00585
Res_0356 (Res)	565933.83	4222983.33	9.80E-04	9.80E-04	2.96E-07	0.00196	0.30	0.00355	0.00551
Res_0511 (Res)	566263.83	4222993.33	9.70E-04	9.00E-04	2.91E-07	0.00187	0.29	0.00356	0.00543
Res_0095 (Res)	565857.53	4222981.31	9.80E-04	7.20E-04	2.90E-07	0.00170	0.29	0.00342	0.00512
Res_0101 (Res)	565867.53	4222991.31	9.60E-04	9.40E-04	2.90E-07	0.00190	0.29	0.00352	0.00542
Res_0333 (Res)	565893.83	4222993.33	9.60E-04	8.70E-04	2.88E-07	0.00183	0.29	0.00343	0.00526
Res_0536 (Res)	566353.83	4223063.33	9.30E-04	1.20E-03	2.88E-07	0.00213	0.29	0.00357	0.00570
Res_0525 (Res)	566313.83	4223033.33	9.40E-04	1.08E-03	2.88E-07	0.00202	0.29	0.00355	0.00557
Res_0340 (Res)	565903.83	4223003.33	9.50E-04	9.60E-04	2.87E-07	0.00191	0.29	0.00341	0.00532
Res_0362 (Res)	565943.83	4222983.33	9.50E-04	9.10E-04	2.86E-07	0.00186	0.29	0.00343	0.00529
Res_0328 (Res)	565883.83	4223003.33	9.40E-04	9.30E-04	2.84E-07	0.00187	0.28	0.00338	0.00525
Res_0052 (Res)	566069.69	4222363.95	9.00E-04	1.37E-03	2.84E-07	0.00227	0.28	0.00340	0.00567
Res_0514 (Res)	566273.83	4223003.33	9.40E-04	9.20E-04	2.84E-07	0.00186	0.28	0.00349	0.00535
Res_0505 (Res)	566243.83	4222983.33	9.50E-04	7.70E-04	2.83E-07	0.00172	0.28	0.00339	0.00511
Res_0090 (Res)	565847.53	4222981.31	9.60E-04	6.20E-04	2.82E-07	0.00158	0.28	0.00330	0.00488
Res_0539 (Res)	566363.83	4223073.33	9.10E-04	1.17E-03	2.82E-07	0.00208	0.28	0.00349	0.00557
Res_0517 (Res)	566283.83	4223013.33	9.20E-04	9.40E-04	2.79E-07	0.00186	0.28	0.00343	0.00529
Res_0351 (Res)	565923.83	4222993.33	9.20E-04	9.30E-04	2.78E-07	0.00185	0.28	0.00333	0.00518
Res_0346 (Res)	565913.83	4223003.33	9.20E-04	8.80E-04	2.77E-07	0.00180	0.28	0.00328	0.00508
Res_0062 (Res)	566079.69	4222373.95	8.90E-04	1.19E-03	2.77E-07	0.00208	0.28	0.00328	0.00536
Res_0096 (Res)	565857.53	4222991.31	9.30E-04	7.30E-04	2.76E-07	0.00166	0.28	0.00329	0.00495
Res_0528 (Res)	566323.83	4223043.33	9.00E-04	1.06E-03	2.76E-07	0.00196	0.28	0.00343	0.00539
Res_0543 (Res)	566373.83	4223083.33	8.90E-04	1.10E-03	2.74E-07	0.00199	0.27	0.00337	0.00536
Res_0520 (Res)	566293.83	4223023.33	9.00E-04	9.50E-04	2.73E-07	0.00185	0.27	0.00336	0.00521
Res_0072 (Res)	566089.69	4222383.95	8.90E-04	1.05E-03	2.73E-07	0.00194	0.27	0.00321	0.00515
Res_0329 (Res)	565883.83	4223013.33	9.00E-04	9.00E-04	2.72E-07	0.00180	0.27	0.00321	0.00501
Res_0546 (Res)	566383.83	4223093.33	8.80E-04	1.04E-03	2.70E-07	0.00192	0.27	0.00328	0.00520
Res_0357 (Res)	565933.83	4222993.33	8.90E-04	8.50E-04	2.68E-07	0.00174	0.27	0.00321	0.00495
Res_0091 (Res)	565847.53	4222991.31	9.10E-04	6.10E-04	2.68E-07	0.00152	0.27	0.00314	0.00466
Res_0531 (Res)	566333.83	4223053.33	8.70E-04	1.04E-03	2.67E-07	0.00191	0.27	0.00333	0.00524
Res_0335 (Res)	565893.83	4223013.33	8.80E-04	8.60E-04	2.66E-07	0.00174	0.27	0.00314	0.00488
Res_0523 (Res)	566303.83	4223033.33	8.70E-04	9.50E-04	2.65E-07	0.00182	0.27	0.00328	0.00510
Res_0087 (Res)	565837.53	4222991.31	9.00E-04	5.40E-04	2.63E-07	0.00144	0.26	0.00305	0.00449
Res_0097 (Res)	565857.53	4223001.31	8.80E-04	7.30E-04	2.62E-07	0.00161	0.26	0.00314	0.00475
Res_0352 (Res)	565923.83	4223003.33	8.70E-04	8.10E-04	2.61E-07	0.00168	0.26	0.00311	0.00479
Res_0534 (Res)	566343.83	4223063.33	8.50E-04	1.02E-03	2.61E-07	0.00187	0.26	0.00324	0.00511
Res_0051 (Res)	566069.69	4222353.95	8.30E-04	1.20E-03	2.60E-07	0.00203	0.26	0.00310	0.00513
Res_0341 (Res)	565903.83	4223013.33	8.60E-04	8.10E-04	2.59E-07	0.00167	0.26	0.00306	0.00473
Res_0061 (Res)	566079.69	4222363.95	8.30E-04	1.07E-03	2.57E-07	0.00190	0.26	0.00303	0.00493
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Res_0079 (Res)	566099.69	4222383.95	8.40E-04	8.80E-04	2.55E-07	0.00172	0.25	0.00299	0.00471
Res_0071 (Res)	566089.69	4222373.95	8.30E-04	9.70E-04	2.54E-07	0.00180	0.25	0.00299	0.00479
Res_0092 (Res)	565847.53	4223001.31	8.60E-04	6.00E-04	2.53E-07	0.00146	0.25	0.00298	0.00444
Res_0347 (Res)	565913.83	4223013.33	8.40E-04	7.60E-04	2.52E-07	0.00160	0.25	0.00299	0.00459
Res_0540 (Res)	566363.83	4223083.33	8.20E-04	9.60E-04	2.51E-07	0.00178	0.25	0.00308	0.00486
Res_0529 (Res)	566323.83	4223053.33	8.10E-04	9.10E-04	2.47E-07	0.00172	0.25	0.00307	0.00479
Res_0088 (Res)	565837.53	4223001.31	8.40E-04	5.20E-04	2.46E-07	0.00136	0.25	0.00288	0.00424
Res_0544 (Res)	566373.83	4223093.33	8.00E-04	9.00E-04	2.44E-07	0.00170	0.24	0.00300	0.00470
Res_0084 (Res)	566109.69	4222383.95	8.10E-04	7.60E-04	2.44E-07	0.00157	0.24	0.00285	0.00442
Res_0086 (Res)	565827.53	4223001.31	8.30E-04	4.70E-04	2.42E-07	0.00130	0.24	0.00282	0.00412
Res_0324 (Res)	565873.83	4223013.33	8.10E-04	6.50E-04	2.41E-07	0.00146	0.24	0.00287	0.00433
Res_0042 (Res)	566059.69	4222333.95	7.60E-04	1.16E-03	2.40E-07	0.00192	0.24	0.00289	0.00481
Res_0078 (Res)	566099.69	4222373.95	7.90E-04	8.20E-04	2.40E-07	0.00161	0.24	0.00280	0.00441
Res_0093 (Res)	565847.53	4223011.31	8.10E-04	5.70E-04	2.39E-07	0.00138	0.24	0.00280	0.00418
Res_0532 (Res)	566333.83	4223063.33	7.80E-04	8.90E-04	2.39E-07	0.00167	0.24	0.00297	0.00464
Res_0060 (Res)	566079.69	4222353.95	7.70E-04	9.70E-04	2.38E-07	0.00174	0.24	0.00280	0.00454
Res_0547 (Res)	566383.83	4223103.33	7.80E-04	8.50E-04	2.38E-07	0.00163	0.24	0.00289	0.00452
Res_0050 (Res)	566069.69	4222343.95	7.60E-04	1.06E-03	2.37E-07	0.00182	0.24	0.00283	0.00465
Res_0336 (Res)	565893.83	4223023.33	7.90E-04	6.90E-04	2.36E-07	0.00148	0.24	0.00279	0.00427
Res_0330 (Res)	565883.83	4223023.33	7.90E-04	6.80E-04	2.36E-07	0.00147	0.24	0.00278	0.00425
Res_0070 (Res)	566089.69	4222363.95	7.70E-04	8.80E-04	2.36E-07	0.00165	0.24	0.00279	0.00444
Res_0535 (Res)	566343.83	4223073.33	7.70E-04	8.80E-04	2.36E-07	0.00165	0.24	0.00290	0.00455
Res_0342 (Res)	565903.83	4223023.33	7.80E-04	6.80E-04	2.33E-07	0.00146	0.23	0.00277	0.00423
Res_0325 (Res)	565873.83	4223023.33	7.80E-04	6.40E-04	2.32E-07	0.00142	0.23	0.00273	0.00415
Res_0089 (Res)	565837.53	4223011.31	7.90E-04	5.00E-04	2.32E-07	0.00129	0.23	0.00272	0.00401
Res_0538 (Res)	566353.83	4223083.33	7.50E-04	8.60E-04	2.29E-07	0.00161	0.23	0.00284	0.00445
Res_0083 (Res)	566109.69	4222373.95	7.60E-04	7.10E-04	2.28E-07	0.00147	0.23	0.00267	0.00414
Res_0551 (Res)	566393.83	4223113.33	7.50E-04	7.60E-04	2.27E-07	0.00151	0.23	0.00274	0.00425
Res_0322 (Res)	565863.83	4223023.33	7.60E-04	5.90E-04	2.25E-07	0.00135	0.23	0.00266	0.00401
Res_0541 (Res)	566363.83	4223093.33	7.40E-04	8.10E-04	2.25E-07	0.00155	0.23	0.00276	0.00431
Res_0077 (Res)	566099.69	4222363.95	7.40E-04	7.50E-04	2.24E-07	0.00149	0.22	0.00263	0.00412
Res_0085 (Res)	566119.69	4222373.95	7.50E-04	6.30E-04	2.24E-07	0.00138	0.22	0.00258	0.00396
Res_0545 (Res)	566373.83	4223103.33	7.30E-04	7.60E-04	2.21E-07	0.00149	0.22	0.00269	0.00418
Res_0069 (Res)	566089.69	4222353.95	7.20E-04	8.10E-04	2.20E-07	0.00153	0.22	0.00260	0.00413
Res_0059 (Res)	566079.69	4222343.95	7.10E-04	8.70E-04	2.19E-07	0.00158	0.22	0.00259	0.00417
Res_0033 (Res)	566049.69	4222313.95	6.90E-04	1.08E-03	2.18E-07	0.00177	0.22	0.00264	0.00441
Res_0049 (Res)	566069.69	4222333.95	7.00E-04	9.30E-04	2.17E-07	0.00163	0.22	0.00259	0.00422
Res_0041 (Res)	566059.69	4222323.95	6.90E-04	1.00E-03	2.16E-07	0.00169	0.22	0.00261	0.00430
Res_0082 (Res)	566109.69	4222363.95	7.20E-04	6.60E-04	2.16E-07	0.00138	0.22	0.00251	0.00389
Res_0548 (Res)	566383.83	4223113.33	7.00E-04	7.10E-04	2.12E-07	0.00141	0.21	0.00258	0.00399
Res_0337 (Res)	565893.83	4223033.33	7.10E-04	5.70E-04	2.11E-07	0.00128	0.21	0.00250	0.00378
Res_0331 (Res)	565883.83	4223033.33	7.10E-04	5.50E-04	2.11E-07	0.00126	0.21	0.00248	0.00374
Res_0076 (Res)	566099.69	4222353.95	6.90E-04	7.00E-04	2.09E-07	0.00139	0.21	0.00246	0.00385
Res_0326 (Res)	565873.83	4223033.33	7.00E-04	5.20E-04	2.07E-07	0.00122	0.21	0.00245	0.00367
Res_0323 (Res)	565863.83	4223033.33	7.00E-04	4.90E-04	2.06E-07	0.00119	0.21	0.00242	0.00361
Res_0068 (Res)	566089.69	4222343.95	6.70E-04	7.40E-04	2.04E-07	0.00141	0.20	0.00242	0.00383
Res_0542 (Res)	566363.83	4223103.33	6.70E-04	7.00E-04	2.03E-07	0.00137	0.20	0.00249	0.00386
Res_0058 (Res)	566079.69	4222333.95	6.60E-04	7.80E-04	2.03E-07	0.00144	0.20	0.00240	0.00384
Res_0552 (Res)	566393.83	4223123.33	6.70E-04	6.30E-04	2.02E-07	0.00130	0.20	0.00245	0.00375
Res_0081 (Res)	566109.69	4222353.95	6.70E-04	6.10E-04	2.01E-07	0.00128	0.20	0.00236	0.00364
Res_0025 (Res)	566039.69	4222303.95	6.30E-04	9.40E-04	1.98E-07	0.00157	0.20	0.00240	0.00397
Res_0048 (Res)	566069.69	4222323.95	6.40E-04	8.20E-04	1.98E-07	0.00146	0.20	0.00238	0.00384
Res_0075 (Res)	566099.69	4222343.95	6.50E-04	6.40E-04	1.96E-07	0.00129	0.20	0.00230	0.00359
Res_0040 (Res)	566059.69	4222313.95	6.30E-04	8.60E-04	1.96E-07	0.00149	0.20	0.00236	0.00385
Res_0032 (Res)	566049.69	4222303.95	6.20E-04	8.90E-04	1.94E-07	0.00151	0.19	0.00234	0.00385
Res_0549 (Res)	566383.83	4223123.33	6.40E-04	6.00E-04	1.92E-07	0.00124	0.19	0.00233	0.00357
Res_0332 (Res)	565883.83	4223043.33	6.50E-04	4.70E-04	1.92E-07	0.00112	0.19	0.00226	0.00338
Res_0327 (Res)	565873.83	4223043.33	6.50E-04	4.50E-04	1.91E-07	0.00110	0.19	0.00224	0.00334
Res_0067 (Res)	566089.69	4222333.95	6.30E-04	6.70E-04	1.91E-07	0.00130	0.19	0.00226	0.00356
Res_0024 (Res)	566039.69	4222293.95	6.00E-04	9.10E-04	1.89E-07	0.00151	0.19	0.00230	0.00381
Res_0080 (Res)	566109.69	4222343.95	6.30E-04	5.70E-04	1.89E-07	0.00120	0.19	0.00222	0.00342
Res_0057 (Res)	566079.69	4222323.95	6.10E-04	6.90E-04	1.86E-07	0.00130	0.19	0.00222	0.00352
Res_0074 (Res)	566099.69	4222333.95	6.10E-04	5.90E-04	1.84E-07	0.00120	0.18	0.00216	0.00336
Res_0047 (Res)	566069.69	4222313.95	5.90E-04	7.20E-04	1.82E-07	0.00131	0.18	0.00218	0.00349
Res_0066 (Res)	566089.69	4222323.95	5.90E-04	6.00E-04	1.79E-07	0.00119	0.18	0.00210	0.00329
Res_0039 (Res)	566059.69	4222303.95	5.70E-04	7.30E-04	1.76E-07	0.00130	0.18	0.00214	0.00344
Res_0016 (Res)	566029.69	4222283.95	5.50E-04	8.70E-04	1.74E-07	0.00142	0.17	0.00218	0.00360
Res_0073 (Res)	566099.69	4222323.95	5.70E-04	5.30E-04	1.71E-07	0.00110	0.17	0.00202	0.00312
Res_0031 (Res)	566049.69	4222293.95	5.50E-04	7.30E-04	1.71E-07	0.00128	0.17	0.00207	0.00335
Res_0056 (Res)	566079.69	4222313.95	5.60E-04	6.10E-04	1.71E-07	0.00117	0.17	0.00205	0.00322
Res_0065 (Res)	566089.69	4222313.95	5.50E-04	5.40E-04	1.66E-07	0.00109	0.17	0.00196	0.00305
Res_0046 (Res)	566069.69	4222303.95	5.40E-04	6.20E-04	1.65E-07	0.00116	0.17	0.00200	0.00316
Res_0023 (Res)	566039.69	4222283.95	5.20E-04	7.00E-04	1.62E-07	0.00122	0.16	0.00197	0.00319
Res_0038 (Res)	566059.69	4222293.95	5.20E-04	6.20E-04	1.60E-07	0.00114	0.16	0.00193	0.00307
Res_0055 (Res)	566079.69	4222303.95	5.20E-04	5.40E-04	1.58E-07	0.00106	0.16	0.00190	0.00296
Res_0064 (Res)	566089.69	4222303.95	5.10E-04	4.80E-04	1.53E-07	0.00099	0.15	0.00183	0.00282
Res_0045 (Res)	566069.69	4222293.95	5.00E-04	5.40E-04	1.52E-07	0.00104	0.15	0.00183	0.00287
Res_0030 (Res)	566049.69	4222283.95	4.90E-04	5.90E-04	1.51E-07	0.00108	0.15	0.00184	0.00292
Res_0054 (Res)	566079.69	4222293.95	4.90E-04	4.80E-04	1.48E-07	0.00097	0.15	0.00176	0.00273
Res_0037 (Res)	566059.69	4222283.95	4.70E-04	5.20E-04	1.43E-07	0.00099	0.14	0.00176	0.00275
Res_0015 (Res)	566029.69	4222273.95	4.60E-04	6.00E-04	1.43E-07	0.00106	0.14	0.00179	0.00285
Res_0022 (Res)	566039.69	4222273.95	4.60E-04	5.40E-04	1.41E-07	0.00100	0.14	0.00172	0.00272
Res_0044 (Res)	566069.69	4222283.95	4.60E-04	4.70E-04	1.39E-07	0.00093	0.14	0.00169	0.00262
Res_0053 (Res)	566079.69	4222283.95	4.60E-04	4.30E-04	1.38E-07	0.00089	0.14	0.00164	0.00253
Res_0029 (Res)	566049.69	4222273.95	4.50E-04	4.90E-04	1.37E-07	0.00094	0.14	0.00166	0.00260
Res_0036 (Res)	566059.69	4222273.95	4.40E-04	4.50E-04	1.33E-07	0.00089	0.13	0.00161	0.00250
Res_0043 (Res)	566069.69	4222273.95	4.30E-04	4.10E-04	1.29E-07	0.00084	0.13	0.00157	0.00241
Res_0008 (Res)	566019.69	4222263.95	4.20E-04	4.70E-04	1.28E-07	0.00089	0.13	0.00157	0.00246
Res_0014 (Res)	566029.69	4222263.95	4.20E-04	4.60E-04	1.28E-07	0.00088	0.13	0.00157	0.00245
Res_0021 (Res)	566039.69	4222263.95	4.20E-04	4.40E-04	1.27E-07	0.00086	0.13	0.00155	0.00241
Res_0028 (Res)	566049.69	4222263.95	4.10E-04	4.10E-04	1.24E-07	0.00082	0.12	0.00152	0.00234
Res_0035 (Res)	566059.69	4222263.95	4.10E-04	3.90E-04	1.23E-07	0.00080	0.12	0.00149	0.00229
Res_0007 (Res)	566019.69	4222253.95	3.90E-04	3.80E-04	1.18E-07	0.00077	0.12	0.00143	0.00220
Res_0013 (Res)	566029.69	4222253.95	3.90E-04	3.80E-04	1.18E-07	0.00077	0.12	0.00143	0.00220
Res_0003 (Res)	566009.69	4222253.95	3.90E-04	3.70E-04	1.17E-07	0.00076	0.12	0.00142	0.00218
Res_00									

Res_0006 (Res)	566019.69	4222243.95	3.70E-04	3.30E-04	1.11E-07	0.00070	0.11	0.00133	0.00203
Res_0012 (Res)	566029.69	4222243.95	3.70E-04	3.30E-04	1.11E-07	0.00070	0.11	0.00134	0.00204
Res_0002 (Res)	566009.69	4222243.95	3.70E-04	3.20E-04	1.11E-07	0.00069	0.11	0.00132	0.00201
Res_0019 (Res)	566039.69	4222243.95	3.70E-04	3.20E-04	1.11E-07	0.00069	0.11	0.00133	0.00202
Res_0026 (Res)	566049.69	4222243.95	3.70E-04	3.20E-04	1.11E-07	0.00069	0.11	0.00133	0.00202
Res_0005 (Res)	566019.69	4222233.95	3.50E-04	2.90E-04	1.04E-07	0.00064	0.10	0.00125	0.00189
Res_0011 (Res)	566029.69	4222233.95	3.50E-04	2.90E-04	1.04E-07	0.00064	0.10	0.00126	0.00190
Res_0018 (Res)	566039.69	4222233.95	3.50E-04	2.90E-04	1.04E-07	0.00064	0.10	0.00126	0.00190
Res_0001 (Res)	566009.69	4222233.95	3.50E-04	2.80E-04	1.04E-07	0.00063	0.10	0.00125	0.00188
Res_0004 (Res)	566019.69	4222223.95	3.40E-04	2.60E-04	1.01E-07	0.00060	0.10	0.00119	0.00179
Res_0010 (Res)	566029.69	4222223.95	3.40E-04	2.60E-04	1.01E-07	0.00060	0.10	0.00119	0.00179
Res_0017 (Res)	566039.69	4222223.95	3.40E-04	2.60E-04	1.01E-07	0.00060	0.10	0.00119	0.00179
Res_0009 (Res)	566029.69	4222213.95	3.20E-04	2.40E-04	9.47E-08	0.00056	0.09	0.00114	0.00170