September 2019 | Health Risk Assessment

GREENLEAF BUSINESS CENTER

CenterPoint Properties

Prepared for:

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PLACEWORKS

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1. Introduction

CenterPoint Properties proposes to construct a speculative warehouse project at the former Waste Disposal, Inc. (WDI) property on the north corner of Greenleaf Avenue and Los Nietos Road, City of Santa Fe Springs, Los Angeles County, California. CenterPoint Properties is proposing to redevelop the eastern portion of the 25.33-acre WDI site with a 216,500-square foot warehouse building.

The closest air quality sensitive receptors to the site are students and staff at St. Paul High School directly northeast of the project site, and single family residences approximately 100 feet east of the site. Operation of the proposed project would generate toxic air contaminants (TACs) emissions due to truck activity in proximity to nearby sensitive receptors. Guidance from the California Environmental Protection Agency (Cal/EPA), Office of Environmental Health Hazard Assessment (OEHHA), California Air Pollution Control Officers Association (CAPCOA), and the South Coast Air Quality Management District (SCAQMD) recommend the completion of health risk assessments (HRA) to determine the impacts of hazardous air emissions upon sensitive receptors in the vicinity of the project.

This HRA considers the health impact to sensitive receptors (adults and students/children at the nearby school and residences) of operational phase emissions from diesel trucks. It should be noted that these health impacts were based on conservative (i.e., health protective) assumptions. The United States Environmental Protection Agency (USEPA, 2005) and OEHHA (2015) 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 do not necessarily represent actual risks experienced by populations near the site. The use of conservative assumptions tends to produce upper-bound estimates of risk and usually overestimate exposure and thus risk.

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

- It was assumed that the maximum exposed receptor (MER), which include high school students, stood outside for 8 hours per day, 180 days per year (i.e. school days per year). In reality, most students typically will spend a maximum of two hour per day outdoors for nutrition, lunch and physical education classes. This would result in lower estimated risk values.
- The calculated risk for students age 2-16 is multiplied by a factor of 3 to account for early life exposure and uncertainty in child versus adult exposure impacts.

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

- It was assumed that maximum exposed residents (children and adults) stood outside at their residence for 24 hours per day, 350 days per year. In reality, California residents typically will spend on average 2 hours per day outdoors at their residences (USEPA, 2011). This would result in lower estimated risk values.

1. Introduction

- The calculated risk for infants from third trimester to age 2 is multiplied by a factor of 10 and for children from 2-16 years is multiplied by a factor of 3 to account for early life exposure and uncertainty in child versus adult exposure impacts.

Thus, the estimated risks provided in this HRA are conservative.

2. Project Description

The project site is located on Greenleaf Avenue, northeast of Los Nietos Road, in the City of Santa Fe Springs, Los Angeles County, California. The site is primarily vacant undeveloped land with one structure located at APN 8167-002-050 located in Area 5 with a street address of 9843 Greenleaf Avenue which appears to be currently a vacant one-story building. The site is bound by industrial property and Greenleaf Avenue to the southeast, St. Paul High School and industrial warehousing to the northeast, industrial uses and Santa Fe Springs Road to the northwest, and industrial uses and Los Nietos Road to the southwest. The closest air quality sensitive receptors to the site are students and staff at St. Paul High School directly northeast of the project site, and single family residences approximately 100 feet east of the site across Greenleaf Avenue.

Regional access to the project site is from Interstate 5 (I-5), approximately 3 miles to the south via Santa Fe Springs Road and Bloomfield Avenue, and from I-605 approximately 2 miles to the west via Santa Fe Springs Road and Telegraph Road. Site access would be provided via one driveway on Santa Fe Springs Road, one driveway on Los Nietos Avenue, and one driveway on Greenleaf Avenue. Due to the site's proximity to St. Paul High School to the north, the Greenleaf Avenue driveway would be restricted to automobiles only and trucks would not be able to access the site through it. Primary truck access would be provided via the driveways on Santa Fe Springs Road and Los Nietos Avenue (Kittelson & Associates, 2019).

The proposed site configuration encompasses 25.33 acres and includes one building with approximately 200,500 square feet (SF) of high-cube warehouse space and 16,000 SF for office space. The project would provide approximately 459 truck trailer parking spaces on the site interior and 46 truck bays on the northwest side of the building facing the trailer parking area.

The project site and vicinity are depicted in Figure 1, and the site plan is depicted in Figure 2.

2. Project Description

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Figure 1 - Site Location

Project Boundary

0 4,000
Scale (Feet)

Source: Google Earth Pro, 2019

2. Project Description

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Figure 2 - Site Plan

Project Boundary

0 250
Scale (Feet)

Source: RGA, 2019

2. Project Description

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3. Emissions Inventories

Operational emission sources evaluated in the HRA include the diesel trucks traveling on-site over the ingress and egress driveways and idling at truck bays. Additionally, the HRA included the emissions from diesel trucks traveling off-site from the site to I-605. The evaluated truck volumes and truck fleet mix were from the Traffic Impact Analysis prepared by Kittelson & Associates (Kittelson, 2019). To the degree practical, all contaminant emissions generated from each source were considered. The limiting factor for the inclusion of a compound was the availability of published exposure factors and other toxicity data enabling risks to be quantified and, where appropriate, target organs identified.

The California Air Resources Board (CARB) has developed the EMFAC2017 emission factor model to account for the emission standards representative of the California fleet (CARB, 2017). EMFAC2017 was used to identify diesel particulate matter (DPM) emission rates from diesel-fueled trucks. The PM_{10} emission factor for diesel-fueled vehicles was used as the surrogate for DPM (CARB, 2017). On-site truck travel emissions were determined for a lot speed of 5 miles per hour (mph), whereas off-site truck travel emissions were determined for a speed of 25 mph. Idling emission rates for trucks idling at the project truck bays were also determined using EMFAC2017 using an idling time of 15 minutes per truck. Emission rate calculations and EMFAC2017 output are provided in Appendix A.

3. Emissions Inventories

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4. Air Dispersion Modeling

Air quality modeling using the AERMOD atmospheric dispersion model was performed 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 SCAQMD for estimating ground-level impacts from point and fugitive sources in simple and complex terrain. The on-site operational emissions from truck travel were modeled as poly-area sources, and the idling trucks sources were modeled as point sources. The off-site truck travel emissions were modeled as adjacent volume sources.

The model requires additional input parameters, including chemical emission data and local meteorology. Inputs for the operational phase emission rates are those described in Section 3. AERMOD ready meteorological (met) data obtained from SCAQMD for the nearest representative met station with the five latest available years of record was used to represent local weather conditions and prevailing winds (Pico Rivera, 2010-2012, 2015-2016). The prevailing wind direction at the Pico Rivera met station is to the north-northeast, and the wind rose is provided in Appendix A.

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 diesel truck traffic, and an initial vertical dispersion parameter of 1.93 m was used, per CARB guidance (CARB, 2000). For the operational model run, the model's HRDOW scalar option was invoked to predict ground-level concentrations for emissions generated during normal school hours of 8:00 AM to 4:00 PM, 5 days per week. For residential receptors, emissions generated were for the proposed work hours of 24 per day, 7 days per week.

The emission rates were proportioned over the poly-area sources for on-site operational truck travel emissions and divide among the 110 adjacent volume sources for off-site operational truck travel emissions. The AERMOD model output is presented in Appendix B, including the predicted DPM concentrations at the maximum exposed receptor (MER) for residents and for the high school.

4. Air Dispersion Modeling

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5. Risk Characterizations

5.1 CARCINOGENIC CHEMICAL RISK

Carcinogenic compounds are not considered to have threshold levels (i.e., dose levels below which there are no risks). Therefore, any exposure will have some associated risk. The SCAQMD has established a maximum incremental cancer risk of 10 in a million (1 x 10^{-5} or 10 x 10^{-6}) for CEQA projects and the OEHHA also sets a typical risk management level as 10 in a million (OEHHA, 2015).

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 ($\mu g/m^3$), averaged 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 $(mg/kg/day)^{-1}$ to derive the cancer risk estimate. Therefore, the following dose algorithm was used to accommodate the unique exposures associated with the school and residential receptors.

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

Where:

$Dose_{AIR}$	=	dose by inhalation (mg/kg-day), per age group
C_{air}	=	concentration of contaminant in air ($\mu g/m^3$)
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. For this assessment, the default value of 1 was used. To represent the unique characteristics of the school population, the assessment employed the USEPA's guidance to develop viable dose estimates based on reasonable maximum exposure, defined as the "highest exposure that

5. Risk Characterizations

is reasonably expected to occur" for a given receptor population. The exposure frequency and duration for the student population were adjusted to account for an exposure of 180 days per year for 4 years (9th grade through 12th grade). In addition, the calculated risk for students is multiplied by an ASF weighting factor of 3 (for students ages 13 to 16 years) to account for early life sensitivity to pollutant exposures (OEHHA, 2015). To assess staff-related risk, exposures were adjusted to account for an employment period of 250 days per year for 25 years. This timeline is considered appropriate for potential workplace exposures established by OEHHA (2015).

For residential 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). In accordance with the OEHHA guidelines, the high end residency time of 30 years is used for the exposure duration (ED). Additionally, the maximum lifetime residency exposure (70-year exposure) and the central tendency residency exposure (9-year exposure) were determined and provided for informational purposes. The 95th percentile daily breathing rates (BR/BW), ED, ASFs, and fraction of time at home (FAH) for the various age groups are provided herein:

Age Groups	BR/BW (L/kg-day)	ED	ASF	FAH
Third trimester	361	0.25	10	0.85
0-2 age group	1,090	2	10	0.85
2-9 age group	861	7	3	0.72
2-16 age group	745	14	3	0.72
16-30 age group	335	14	1	0.73
16-70 age group	290	54	1	0.73

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

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

Where:

Dose_{AIR} = dose by inhalation (mg/kg-day), per age group
CPF = cancer potency factor, chemical-specific $(\text{mg/kg-day})^{-1}$
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 (always 70 years)

The CPFs used in the assessment were obtained from OEHHA guidance. The cancer risk is calculated separately for the students, adult staff, and residents because of age differences in sensitivity to carcinogens and age differences in intake rates. Due to the proximity of the high school to the project site, the FAH adjustments were not incorporated into the residential cancer risk calculations (i.e., FAH of 1 was used). 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 $1x10^6$ (i.e. 1 million).

CARB's Hotspots Analysis and Reporting Program (HARP2) Risk Assessment Standalone Tool was used to calculate the cancer risk values (CARB, 2019) and is provided in Appendix C.

5.2 NON-CARCINOGENIC HAZARDS

An evaluation of the potential non-cancer effects of chronic chemical exposures was also conducted. Adverse health effects are evaluated by comparing the annual receptor level (ground-level) 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 and acute 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.

For the operational risk calculations, CARB's HARP2, Risk Assessment Standalone Tool was used to calculate the chronic health risk values (CARB, 2019) and is provided in Appendix C.

5. Risk Characterizations

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6. Results and Conclusions

The summary results of the HRA are provided in Table 1. The excess cancer risk was calculated to be 2.5 per million for the maximum exposed residential receptor, 0.06 per million for high school staff and 0.04 per million for high school students. In comparison to the threshold level of 10 in a million, carcinogenic risks are below the significance threshold value for both residential and school-based receptors. For chronic non-carcinogenic effects, the hazard index identified for each toxicological endpoint totaled less than one for residents, school staff and students. Therefore, non-carcinogenic hazards are also below the significance threshold.

Table 1 HRA Results

	Cancer Risk (per million)			Chronic Hazard Index	
	Staff	Student	Resident[1]	School	Resident
All Sources	0.06	0.04	2.5	<0.001	0.001
SCAQMD Threshold	10	10	10	1.0	1.0
Exceeds Threshold?	**No**	**No**	**No**	**No**	**No**

Source: CARB HARP2 (2019).
1 OEHHA (2015) recommends that a 30-year (high end residency time) exposure duration be used to estimate individual cancer risk for the maximum exposed receptor. Provided for informational purposes, the 70-year (maximum lifetime exposure) and 9-year (central tendency exposure) cancer risks are 3.0 in a million and 1.7 in a million, respectively.

Based on a comparison to the carcinogenic and non-carcinogenic thresholds established by OEHHA and SCAQMD, hazardous air emissions generated from operation of the project are not anticipated to pose an actual or potential endangerment to the surrounding sensitive receptors and no mitigation measures are required.

6. Results and Conclusions

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7. References

California Air Resources Board (CARB). 2019. Hotspots Analysis and Report Program (HARP2), Risk Assessment Standalone Tool (RAST), Version 19044.

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———. 2000. *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles.*

Kittelson and Associates, Inc. (Kittelson) 2019. *Traffic Impact Analysis for Greenleaf Business Center Project*. Dated September 2019.

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.

South Coast Air Quality Management District (SCAQMD). 2015. Air Quality Significance Thresholds. Accessed on July 20, 2016 at http://www.aqmd.gov/home/regulations/ceqa/air-quality-analysis-handbook/.

———. 2010-2012, 2015-2016. *Meteorological Data Set for Pico Rivera Meteorological Station*.

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.

7. References

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Appendix A. Emission Rate Calculations

Appendix

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Source
Diesel Trucks
Greenleaf Business Center
Santa Fe Springs, CA

Operation: Truck Activity, for Operational HRA

	hours	days	weeks
Temporal Profile:	24	7	52
	0	0	0

Truck Activity: [1] — 115 truck trips per day (TIA, Kittelson, 2019)

Heavy-Heavy Duty Trucks	51	trips per day	26	trucks per day
Medium-Heavy Duty Trucks	64	trips per day	31	trucks per day
Distance Traveled/Truck			0.61	on-site (mi)
			1.29	off-site (mi)
Idling Duration			15	min
Truck Bays			46	

Running Emissions:

Heavy-Heavy Duty Trucks	On-site [2]	Off-site [3]
DPM Emission Factor (g/mi)	0.1361	0.0513
DPM Running Emissions (g/sec)	2.50E-05	1.99E-05
Medium-Heavy Duty Trucks		
DPM Emission Factor (g/mi)	0.2351	0.0846
DPM Running Emissions (g/sec)	5.14E-05	3.92E-05
Total DPM Running Emissions (g/s)	**7.64E-05**	**5.91E-05**

Idling Emissions: [4]

Heavy-Heavy Duty Trucks	
DPM Emission Factor (g/hr)	0.0305
Idling Emissions (g/sec)	2.29E-06
Idling Emissions (g/sec/bay)	4.98E-08
Medium-Heavy Duty Trucks	
DPM Emission Factor (g/hr)	0.2485
Idling Emissions (g/sec)	2.23E-05
Idling Emissions (g/sec/bay)	4.84E-07
Total DPM Idling Emissions (g/s/bay)	**5.34E-07**

Point Source Specifications (vertical release): [5]

Stack Temperature	366	K
Stack Velocity	51.7	m/s
Stack Diameter	4.0	inches
Stack Height	4.15	m

(1) From TIA from Kittelson & Associates (Sept 2019), the trip generation for the project includes 115 truck trips per day, with 8% 2-axle trucks, 3.9% 3-axle trucks, and 9.5% 4-axle trucks. For this evaluation, Heavy-Heavy Duty Trucks (HHDT) assumed 4-axle trucks and Medium-Heavy Duty Trucks (MHDT) assumed 2- and 3-axle trucks.

(2) For on-site truck travel emissions, PM10 running emission factors for diesel-fueled trucks obtained from CARB (EMFAC2017) for analysis years 2020 based upon an average lot travel speed of 5 mph.

(3) For off-site (truck route) emissions, PM10 running emission factors for diesel-fueled trucks obtained from CARB (EMFAC2017) for analysis years 2020 based on an average travel speed of 25 mph.

(4) PM10 idling emission factors for diesel-fueled trucks obtained from CARB (EMFAC2017) for analysis years 2020.

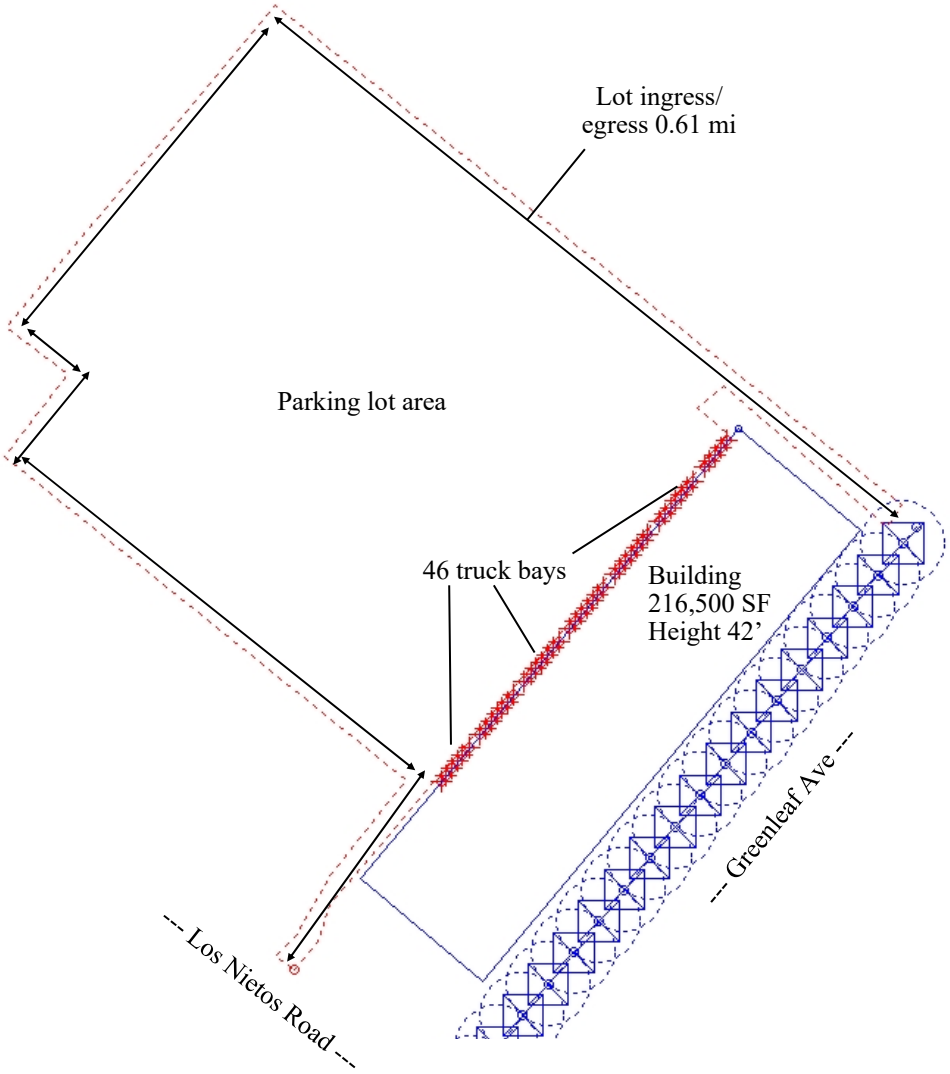
(5) Stack parameters for idling trucks from CARB's Risk Characterization Scenarios, Appendix VII for idling diesel trucks (October 2000).

EMFAC2017 Output

calendar_y	season_mc	sub_area	vehicle_cla	fuel	temperatu	relative_hu	process	speed_time	pollutant	emission_rate
2020	Annual	Los Angeles (SC)	HHDT	Dsl	70	50	RUNEX	5	PM10	0.13608
2020	Annual	Los Angeles (SC)	HHDT	Dsl	70	50	RUNEX	25	PM10	0.05127
2020	Annual	Los Angeles (SC)	MHDT	Dsl	70	50	RUNEX	5	PM10	0.23507
2020	Annual	Los Angeles (SC)	MHDT	Dsl	70	50	RUNEX	25	PM10	0.08465
2020	Annual	Los Angeles (SC)	HHDT	Dsl			IDLEX		PM10	0.03046
2020	Annual	Los Angeles (SC)	MHDT	Dsl			IDLEX		PM10	0.24846

Greenleaf Business Center
Greenleaf Avenue
Santa Fe Springs, CA 90670
Operation 24 hours per day, 7 days per week

Trucking Operations
Heavy-Heavy Duty Trucks: 26 truck per day
Medium-Heavy Duty Trucks: 31 trucks per day



- Release height of 4.15 m and initial vertical dimension (δy) of 1.93 m is based upon California Air Resources Board's "Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles" (2000).

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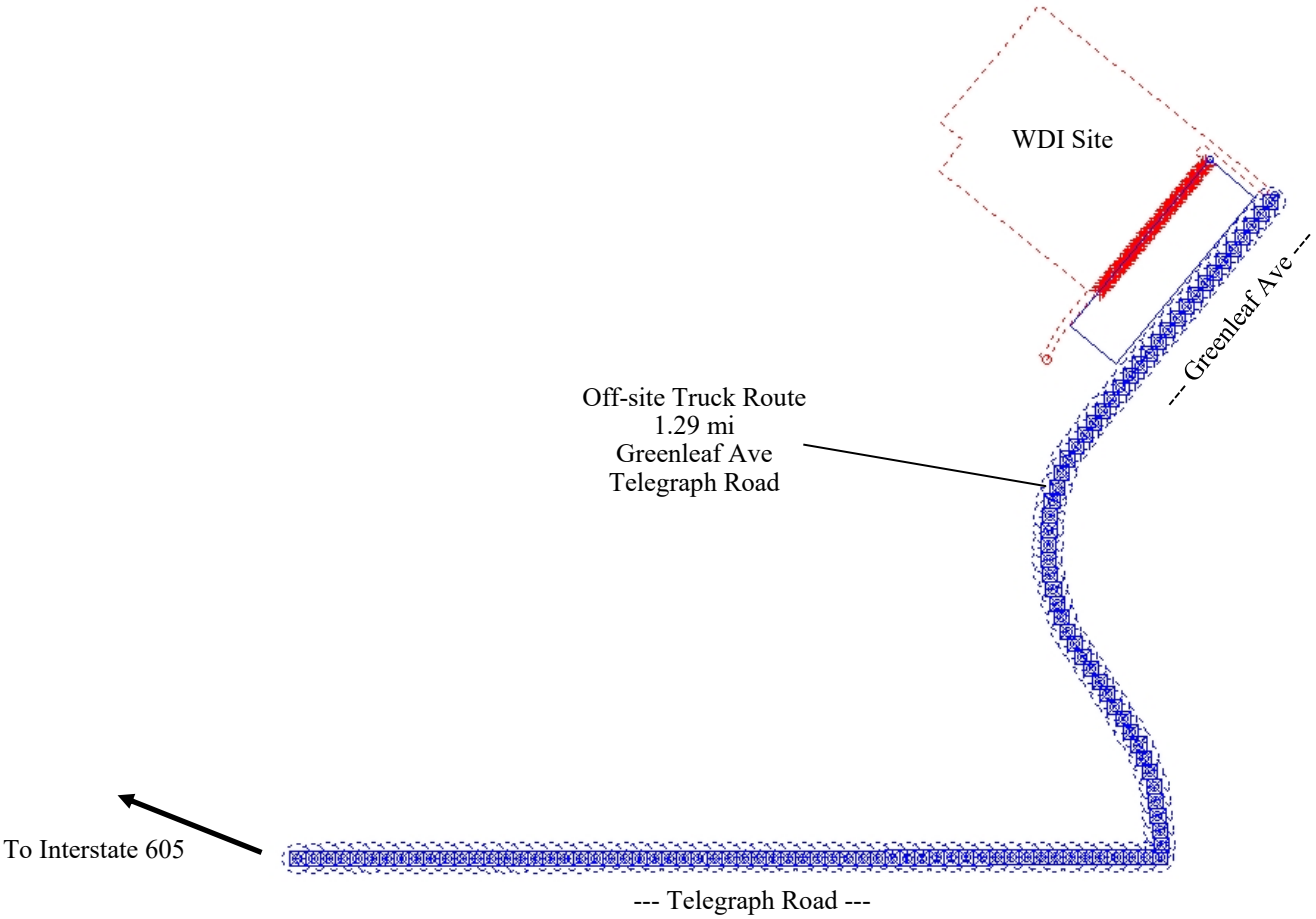

- Release height of 4.15 m and initial vertical dimension (δy) of 1.93 m is based upon California Air Resources Board's "Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles" (2000).

Appendix B. Air Dispersion Model Output

Appendix

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Results Summary

HRA - Santa Fe Springs Warehouse
Residential Receptors

Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00283	ug/m^3	402635.60	3757009.04	47.25	0.00	47.25	

Concentration - Source Group: IDLING

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00053	ug/m^3	402655.60	3757029.04	47.19	0.00	47.19	

Concentration - Source Group: OFF-SITE

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00198	ug/m^3	402619.70	3756986.99	47.28	0.00	47.28	

Concentration - Source Group: ON-SITE

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00052	ug/m^3	402699.02	3757084.94	46.86	0.00	46.86	

Model Output - Residential Receptors

```
*** AERMOD - VERSION  18081 ***   *** HRA - Santa Fe Springs Warehouse                                  ***        09/24/19
*** AERMET - VERSION  16216 ***   *** Residential Receptors                                             ***        16:09:05
                                                                                                                 PAGE   1
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                        ***     MODEL SETUP OPTIONS SUMMARY       ***
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

**Model Is Setup For Calculation of Average CONCentration Values.

  --  DEPOSITION LOGIC  --
**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
**Model Uses NO WET DEPLETION.  WETDPLT  =  F

**Model Uses URBAN Dispersion Algorithm for the SBL for   157 Source(s),
  for Total of    1 Urban Area(s):
  Urban Population =   9818605.0 ;  Urban Roughness Length =  1.000 m

**Model Uses Regulatory DEFAULT Options:
        1. Stack-tip Downwash.
        2. Model Accounts for ELEVated Terrain Effects.
        3. Use Calms Processing Routine.
        4. Use Missing Data Processing Routine.
        5. No Exponential Decay.
        6. Urban Roughness Length of 1.0 Meter Assumed.

**Other Options Specified:
        ADJ_U*   - Use ADJ_U* option for SBL in AERMET
        TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of:  OTHER

**Model Calculates PERIOD Averages Only

**This Run Includes:    157 Source(s);       4 Source Group(s); and     248 Receptor(s)

               with:     46 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:    110 VOLUME source(s)
                and:      1 AREA type source(s)
                and:      0 LINE source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with      0 line(s)


**Model Set To Continue RUNning After the Setup Testing.
```

Model Output - Residential Receptors

```
**The AERMET Input Meteorological Data Version Date:  16216

**Output Options Selected:
         Model Outputs Tables of PERIOD Averages by Receptor
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                m for Missing Hours
                                                                b for Both Calm and Missing Hours

**Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    58.00 ;  Decay Coef. =    0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                                ;  Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

**Approximate Storage Requirements of Model =      3.9 MB of RAM.

**Input Runstream File:          aermod.inp
**Output Print File:             aermod.out

**Detailed Error/Message File:   CPP_residents.err
**File for Summary of Results:   CPP_residents.sum
```

Model Output - Residential Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR	EMIS RATE SCALAR VARY BY
STCK1	0	0.53431E-06	402548.5	3757083.5	54.0	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK2	0	0.53431E-06	402545.6	3757080.3	54.1	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK3	0	0.53431E-06	402543.0	3757077.1	54.2	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK4	0	0.53431E-06	402540.4	3757073.9	54.3	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK5	0	0.53431E-06	402537.9	3757071.0	54.4	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK6	0	0.53431E-06	402532.8	3757064.7	54.5	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK7	0	0.53431E-06	402530.0	3757061.6	54.5	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK8	0	0.53431E-06	402527.5	3757058.3	54.5	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK9	0	0.53431E-06	402524.8	3757055.2	54.5	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK10	0	0.53431E-06	402522.4	3757052.1	54.5	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK11	0	0.53431E-06	402519.4	3757049.0	54.5	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK12	0	0.53431E-06	402517.1	3757045.9	54.5	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK13	0	0.53431E-06	402511.4	3757040.0	54.5	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK14	0	0.53431E-06	402509.1	3757036.7	54.5	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK15	0	0.53431E-06	402506.3	3757033.3	54.5	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK16	0	0.53431E-06	402503.5	3757030.0	54.4	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK17	0	0.53431E-06	402501.2	3757027.1	54.4	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK18	0	0.53431E-06	402498.7	3757024.0	54.3	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK19	0	0.53431E-06	402496.1	3757020.9	54.3	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK20	0	0.53431E-06	402490.9	3757014.7	54.3	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK21	0	0.53431E-06	402488.2	3757011.5	54.2	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK22	0	0.53431E-06	402485.7	3757008.8	54.2	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK23	0	0.53431E-06	402482.9	3757005.2	54.2	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK24	0	0.53431E-06	402480.4	3757002.2	54.2	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK25	0	0.53431E-06	402477.8	3756999.0	54.1	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK26	0	0.53431E-06	402475.0	3756995.9	54.1	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK27	0	0.53431E-06	402470.1	3756989.7	54.0	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK28	0	0.53431E-06	402467.2	3756986.7	54.0	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK29	0	0.53431E-06	402464.7	3756983.6	54.0	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK30	0	0.53431E-06	402461.9	3756980.0	54.0	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK31	0	0.53431E-06	402459.1	3756976.8	54.0	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK32	0	0.53431E-06	402456.8	3756974.0	54.0	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK33	0	0.53431E-06	402453.9	3756970.8	54.0	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK34	0	0.53431E-06	402448.9	3756964.6	54.0	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK35	0	0.53431E-06	402446.2	3756961.5	54.0	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK36	0	0.53431E-06	402443.5	3756958.3	54.0	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK37	0	0.53431E-06	402441.3	3756955.5	53.9	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK38	0	0.53431E-06	402438.4	3756952.2	53.9	4.15	366.00	51.70	0.10	YES	YES	NO	

Model Output - Residential Receptors

STCK39	0	0.53431E-06	402435.5	3756948.8	53.9	4.15	366.00	51.70	0.10	YES	YES	NO
STCK40	0	0.53431E-06	402433.2	3756945.9	53.9	4.15	366.00	51.70	0.10	YES	YES	NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR	EMIS RATE SCALAR VARY BY
STCK41	0	0.53431E-06	402428.1	3756939.9	53.9	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK42	0	0.53431E-06	402425.1	3756936.4	53.9	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK43	0	0.53431E-06	402422.6	3756933.5	53.9	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK44	0	0.53431E-06	402420.0	3756930.2	53.8	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK45	0	0.53431E-06	402417.4	3756927.1	53.7	4.15	366.00	51.70	0.10	YES	YES	NO	
STCK46	0	0.53431E-06	402414.9	3756924.2	53.7	4.15	366.00	51.70	0.10	YES	YES	NO	

Model Output - Residential Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000001	0	0.53730E-06	402631.1	3757035.4	47.1	4.15	8.79	1.93	YES	
L0000002	0	0.53730E-06	402619.3	3757020.7	47.1	4.15	8.79	1.93	YES	
L0000003	0	0.53730E-06	402607.4	3757006.0	47.2	4.15	8.79	1.93	YES	
L0000004	0	0.53730E-06	402595.6	3756991.3	47.2	4.15	8.79	1.93	YES	
L0000005	0	0.53730E-06	402583.7	3756976.6	47.2	4.15	8.79	1.93	YES	
L0000006	0	0.53730E-06	402571.8	3756961.8	47.3	4.15	8.79	1.93	YES	
L0000007	0	0.53730E-06	402560.0	3756947.1	47.3	4.15	8.79	1.93	YES	
L0000008	0	0.53730E-06	402548.1	3756932.4	47.4	4.15	8.79	1.93	YES	
L0000009	0	0.53730E-06	402536.3	3756917.7	47.4	4.15	8.79	1.93	YES	
L0000010	0	0.53730E-06	402524.4	3756903.0	47.4	4.15	8.79	1.93	YES	
L0000011	0	0.53730E-06	402512.6	3756888.3	47.5	4.15	8.79	1.93	YES	
L0000012	0	0.53730E-06	402500.7	3756873.6	47.5	4.15	8.79	1.93	YES	
L0000013	0	0.53730E-06	402488.8	3756858.8	47.5	4.15	8.79	1.93	YES	
L0000014	0	0.53730E-06	402477.0	3756844.1	47.6	4.15	8.79	1.93	YES	
L0000015	0	0.53730E-06	402465.1	3756829.4	47.6	4.15	8.79	1.93	YES	
L0000016	0	0.53730E-06	402453.3	3756814.7	47.6	4.15	8.79	1.93	YES	
L0000017	0	0.53730E-06	402441.4	3756800.0	47.7	4.15	8.79	1.93	YES	
L0000018	0	0.53730E-06	402429.5	3756785.3	47.7	4.15	8.79	1.93	YES	
L0000019	0	0.53730E-06	402417.7	3756770.6	47.8	4.15	8.79	1.93	YES	
L0000020	0	0.53730E-06	402406.1	3756755.6	47.8	4.15	8.79	1.93	YES	
L0000021	0	0.53730E-06	402394.9	3756740.4	47.8	4.15	8.79	1.93	YES	
L0000022	0	0.53730E-06	402383.7	3756725.2	47.9	4.15	8.79	1.93	YES	
L0000023	0	0.53730E-06	402372.9	3756709.8	48.0	4.15	8.79	1.93	YES	
L0000024	0	0.53730E-06	402366.5	3756692.0	48.1	4.15	8.79	1.93	YES	
L0000025	0	0.53730E-06	402360.0	3756674.2	48.1	4.15	8.79	1.93	YES	
L0000026	0	0.53730E-06	402353.6	3756656.4	48.2	4.15	8.79	1.93	YES	
L0000027	0	0.53730E-06	402350.6	3756638.0	48.2	4.15	8.79	1.93	YES	
L0000028	0	0.53730E-06	402349.8	3756619.1	48.2	4.15	8.79	1.93	YES	
L0000029	0	0.53730E-06	402348.9	3756600.2	48.2	4.15	8.79	1.93	YES	
L0000030	0	0.53730E-06	402348.1	3756581.3	48.2	4.15	8.79	1.93	YES	
L0000031	0	0.53730E-06	402350.7	3756562.8	48.3	4.15	8.79	1.93	YES	
L0000032	0	0.53730E-06	402355.3	3756544.5	48.4	4.15	8.79	1.93	YES	
L0000033	0	0.53730E-06	402360.0	3756526.2	48.5	4.15	8.79	1.93	YES	
L0000034	0	0.53730E-06	402366.2	3756508.3	48.6	4.15	8.79	1.93	YES	
L0000035	0	0.53730E-06	402372.4	3756490.5	48.8	4.15	8.79	1.93	YES	
L0000036	0	0.53730E-06	402382.3	3756474.5	48.8	4.15	8.79	1.93	YES	
L0000037	0	0.53730E-06	402392.8	3756458.7	48.9	4.15	8.79	1.93	YES	
L0000038	0	0.53730E-06	402403.2	3756443.0	49.0	4.15	8.79	1.93	YES	

Model Output - Residential Receptors

L0000039	0	0.53730E-06	402413.6	3756427.2	49.1	4.15	8.79	1.93	YES
L0000040	0	0.53730E-06	402423.6	3756411.2	49.1	4.15	8.79	1.93	YES
L0000041	0	0.53730E-06	402433.7	3756395.2	49.2	4.15	8.79	1.93	YES
L0000042	0	0.53730E-06	402443.7	3756379.2	49.2	4.15	8.79	1.93	YES
L0000043	0	0.53730E-06	402453.8	3756363.2	49.2	4.15	8.79	1.93	YES
L0000044	0	0.53730E-06	402463.8	3756347.2	49.3	4.15	8.79	1.93	YES
L0000045	0	0.53730E-06	402470.8	3756329.7	49.3	4.15	8.79	1.93	YES
L0000046	0	0.53730E-06	402477.3	3756311.9	49.4	4.15	8.79	1.93	YES
L0000047	0	0.53730E-06	402483.8	3756294.2	49.4	4.15	8.79	1.93	YES
L0000048	0	0.53730E-06	402486.0	3756275.4	49.4	4.15	8.79	1.93	YES
L0000049	0	0.53730E-06	402488.1	3756256.6	49.4	4.15	8.79	1.93	YES
L0000050	0	0.53730E-06	402490.3	3756237.9	49.4	4.15	8.79	1.93	YES
L0000051	0	0.53730E-06	402492.4	3756219.1	49.5	4.15	8.79	1.93	YES
L0000052	0	0.53730E-06	402490.7	3756203.7	49.5	4.15	8.79	1.93	YES
L0000053	0	0.53730E-06	402471.8	3756203.7	49.4	4.15	8.79	1.93	YES
L0000054	0	0.53730E-06	402452.9	3756203.7	49.3	4.15	8.79	1.93	YES
L0000055	0	0.53730E-06	402434.0	3756203.6	49.3	4.15	8.79	1.93	YES
L0000056	0	0.53730E-06	402415.1	3756203.6	49.2	4.15	8.79	1.93	YES
L0000057	0	0.53730E-06	402396.2	3756203.6	49.1	4.15	8.79	1.93	YES
L0000058	0	0.53730E-06	402377.3	3756203.6	49.1	4.15	8.79	1.93	YES
L0000059	0	0.53730E-06	402358.4	3756203.5	49.0	4.15	8.79	1.93	YES
L0000060	0	0.53730E-06	402339.5	3756203.5	49.0	4.15	8.79	1.93	YES
L0000061	0	0.53730E-06	402320.6	3756203.5	48.9	4.15	8.79	1.93	YES
L0000062	0	0.53730E-06	402301.7	3756203.4	48.8	4.15	8.79	1.93	YES
L0000063	0	0.53730E-06	402282.8	3756203.4	48.8	4.15	8.79	1.93	YES
L0000064	0	0.53730E-06	402263.9	3756203.4	48.7	4.15	8.79	1.93	YES
L0000065	0	0.53730E-06	402245.0	3756203.4	48.7	4.15	8.79	1.93	YES
L0000066	0	0.53730E-06	402226.1	3756203.3	48.6	4.15	8.79	1.93	YES
L0000067	0	0.53730E-06	402207.2	3756203.3	48.5	4.15	8.79	1.93	YES
L0000068	0	0.53730E-06	402188.3	3756203.3	48.5	4.15	8.79	1.93	YES
L0000069	0	0.53730E-06	402169.4	3756203.2	48.4	4.15	8.79	1.93	YES
L0000070	0	0.53730E-06	402150.5	3756203.2	48.4	4.15	8.79	1.93	YES
L0000071	0	0.53730E-06	402131.6	3756203.2	48.3	4.15	8.79	1.93	YES
L0000072	0	0.53730E-06	402112.7	3756203.1	48.2	4.15	8.79	1.93	YES
L0000073	0	0.53730E-06	402093.8	3756203.1	48.2	4.15	8.79	1.93	YES
L0000074	0	0.53730E-06	402074.9	3756203.1	48.1	4.15	8.79	1.93	YES
L0000075	0	0.53730E-06	402056.0	3756203.1	48.1	4.15	8.79	1.93	YES
L0000076	0	0.53730E-06	402037.1	3756203.0	48.0	4.15	8.79	1.93	YES
L0000077	0	0.53730E-06	402018.2	3756203.0	47.9	4.15	8.79	1.93	YES
L0000078	0	0.53730E-06	401999.3	3756203.0	47.9	4.15	8.79	1.93	YES
L0000079	0	0.53730E-06	401980.4	3756202.9	47.8	4.15	8.79	1.93	YES
L0000080	0	0.53730E-06	401961.5	3756202.9	47.8	4.15	8.79	1.93	YES

Model Output - Residential Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000081	0	0.53730E-06	401942.6	3756202.9	47.7	4.15	8.79	1.93	YES	
L0000082	0	0.53730E-06	401923.7	3756202.9	47.6	4.15	8.79	1.93	YES	
L0000083	0	0.53730E-06	401904.8	3756202.8	47.6	4.15	8.79	1.93	YES	
L0000084	0	0.53730E-06	401885.9	3756202.8	47.5	4.15	8.79	1.93	YES	
L0000085	0	0.53730E-06	401867.0	3756202.8	47.4	4.15	8.79	1.93	YES	
L0000086	0	0.53730E-06	401848.1	3756202.7	47.4	4.15	8.79	1.93	YES	
L0000087	0	0.53730E-06	401829.3	3756202.7	47.3	4.15	8.79	1.93	YES	
L0000088	0	0.53730E-06	401810.4	3756202.7	47.3	4.15	8.79	1.93	YES	
L0000089	0	0.53730E-06	401791.5	3756202.7	47.2	4.15	8.79	1.93	YES	
L0000090	0	0.53730E-06	401772.6	3756202.6	47.1	4.15	8.79	1.93	YES	
L0000091	0	0.53730E-06	401753.7	3756202.6	47.1	4.15	8.79	1.93	YES	
L0000092	0	0.53730E-06	401734.8	3756202.6	47.0	4.15	8.79	1.93	YES	
L0000093	0	0.53730E-06	401715.9	3756202.5	47.0	4.15	8.79	1.93	YES	
L0000094	0	0.53730E-06	401697.0	3756202.5	46.9	4.15	8.79	1.93	YES	
L0000095	0	0.53730E-06	401678.1	3756202.5	46.8	4.15	8.79	1.93	YES	
L0000096	0	0.53730E-06	401659.2	3756202.5	46.8	4.15	8.79	1.93	YES	
L0000097	0	0.53730E-06	401640.3	3756202.4	46.7	4.15	8.79	1.93	YES	
L0000098	0	0.53730E-06	401621.4	3756202.4	46.6	4.15	8.79	1.93	YES	
L0000099	0	0.53730E-06	401602.5	3756202.4	46.6	4.15	8.79	1.93	YES	
L0000100	0	0.53730E-06	401583.6	3756202.3	46.5	4.15	8.79	1.93	YES	
L0000101	0	0.53730E-06	401564.7	3756202.3	46.5	4.15	8.79	1.93	YES	
L0000102	0	0.53730E-06	401545.8	3756202.3	46.4	4.15	8.79	1.93	YES	
L0000103	0	0.53730E-06	401526.9	3756202.2	46.3	4.15	8.79	1.93	YES	
L0000104	0	0.53730E-06	401508.0	3756202.2	46.3	4.15	8.79	1.93	YES	
L0000105	0	0.53730E-06	401489.1	3756202.2	46.2	4.15	8.79	1.93	YES	
L0000106	0	0.53730E-06	401470.2	3756202.2	46.2	4.15	8.79	1.93	YES	
L0000107	0	0.53730E-06	401451.3	3756202.1	46.1	4.15	8.79	1.93	YES	
L0000108	0	0.53730E-06	401432.4	3756202.1	46.0	4.15	8.79	1.93	YES	
L0000109	0	0.53730E-06	401413.5	3756202.1	46.0	4.15	8.79	1.93	YES	
L0000110	0	0.53730E-06	401394.6	3756202.0	45.9	4.15	8.79	1.93	YES	

*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
ONSITE	0	0.10783E-08	402346.5	3756836.4	52.1	4.15	16	1.93	YES	

Model Output - Residential Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
OFF-SITE	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,
	L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,
	L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 ,
	L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 ,
	L0000033 , L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 ,
	L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 ,
	L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 ,
	L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , L0000062 , L0000063 , L0000064 ,
	L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 , L0000071 , L0000072 ,
	L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 , L0000079 , L0000080 ,
	L0000081 , L0000082 , L0000083 , L0000084 , L0000085 , L0000086 , L0000087 , L0000088 ,
	L0000089 , L0000090 , L0000091 , L0000092 , L0000093 , L0000094 , L0000095 , L0000096 ,
	L0000097 , L0000098 , L0000099 , L0000100 , L0000101 , L0000102 , L0000103 , L0000104 ,
	L0000105 , L0000106 , L0000107 , L0000108 , L0000109 , L0000110 ,
ON-SITE	ONSITE ,
IDLING	STCK1 , STCK2 , STCK3 , STCK4 , STCK5 , STCK6 , STCK7 , STCK8 ,
	STCK9 , STCK10 , STCK11 , STCK12 , STCK13 , STCK14 , STCK15 , STCK16 ,
	STCK17 , STCK18 , STCK19 , STCK20 , STCK21 , STCK22 , STCK23 , STCK24 ,
	STCK25 , STCK26 , STCK27 , STCK28 , STCK29 , STCK30 , STCK31 , STCK32 ,
	STCK33 , STCK34 , STCK35 , STCK36 , STCK37 , STCK38 , STCK39 , STCK40 ,

Model Output - Residential Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	STCK41 , STCK42 , STCK43 , STCK44 , STCK45 , STCK46 ,
ALL	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,
	L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,
	L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 ,
	L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 ,
	L0000033 , L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 ,
	L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 ,
	L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 ,
	L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , L0000062 , L0000063 , L0000064 ,
	L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 , L0000071 , L0000072 ,
	L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 , L0000079 , L0000080 ,
	L0000081 , L0000082 , L0000083 , L0000084 , L0000085 , L0000086 , L0000087 , L0000088 ,
	L0000089 , L0000090 , L0000091 , L0000092 , L0000093 , L0000094 , L0000095 , L0000096 ,
	L0000097 , L0000098 , L0000099 , L0000100 , L0000101 , L0000102 , L0000103 , L0000104 ,
	L0000105 , L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , ONSITE , STCK1 ,
	STCK2 , STCK3 , STCK4 , STCK5 , STCK6 , STCK7 , STCK8 , STCK9 ,
	STCK10 , STCK11 , STCK12 , STCK13 , STCK14 , STCK15 , STCK16 , STCK17 ,
	STCK18 , STCK19 , STCK20 , STCK21 , STCK22 , STCK23 , STCK24 , STCK25 ,
	STCK26 , STCK27 , STCK28 , STCK29 , STCK30 , STCK31 , STCK32 , STCK33 ,
	STCK34 , STCK35 , STCK36 , STCK37 , STCK38 , STCK39 , STCK40 , STCK41 ,
	STCK42 , STCK43 , STCK44 , STCK45 , STCK46 ,

Model Output - Residential Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	9818605.	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,
		L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,
		L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 ,
		L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 ,
		L0000033 , L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 ,
		L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 ,
		L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 ,
		L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , L0000062 , L0000063 , L0000064 ,
		L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 , L0000071 , L0000072 ,
		L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 , L0000079 , L0000080 ,
		L0000081 , L0000082 , L0000083 , L0000084 , L0000085 , L0000086 , L0000087 , L0000088 ,
		L0000089 , L0000090 , L0000091 , L0000092 , L0000093 , L0000094 , L0000095 , L0000096 ,
		L0000097 , L0000098 , L0000099 , L0000100 , L0000101 , L0000102 , L0000103 , L0000104 ,
		L0000105 , L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , ONSITE , STCK1 ,
		STCK2 , STCK3 , STCK4 , STCK5 , STCK6 , STCK7 , STCK8 , STCK9 ,
		STCK10 , STCK11 , STCK12 , STCK13 , STCK14 , STCK15 , STCK16 , STCK17 ,
		STCK18 , STCK19 , STCK20 , STCK21 , STCK22 , STCK23 , STCK24 , STCK25 ,
		STCK26 , STCK27 , STCK28 , STCK29 , STCK30 , STCK31 , STCK32 , STCK33 ,
		STCK34 , STCK35 , STCK36 , STCK37 , STCK38 , STCK39 , STCK40 , STCK41 ,
		STCK42 , STCK43 , STCK44 , STCK45 , STCK46 ,

Model Output - Residential Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK1

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-268.6,	32.0,	2	12.8,	164.1,	283.9,	-276.4,	8.8,
3	12.8,	121.1,	283.8,	-275.8,	-14.7,	4	12.8,	74.5,	275.0,	-266.9,	-37.7,
5	12.8,	121.1,	283.8,	-262.7,	-59.6,	6	12.8,	164.1,	283.9,	-250.6,	-79.7,
7	12.8,	202.0,	275.4,	-230.9,	-97.3,	8	12.8,	233.8,	258.6,	-204.1,	-112.0,
9	12.8,	258.6,	233.8,	-171.2,	-123.3,	10	12.8,	275.4,	202.0,	-133.0,	-130.9,
11	12.8,	283.9,	164.1,	-90.8,	-134.5,	12	12.8,	283.8,	121.1,	-45.9,	-133.9,
13	12.8,	275.0,	74.5,	0.5,	-129.4,	14	12.8,	283.8,	121.1,	-0.9,	-120.8,
15	12.8,	283.9,	164.1,	-2.3,	-108.6,	16	12.8,	275.4,	202.0,	-3.7,	-93.2,
17	12.8,	258.6,	233.8,	-4.9,	-74.8,	18	12.8,	233.8,	258.6,	-5.9,	-54.2,
19	12.8,	202.0,	275.4,	-6.8,	-32.0,	20	12.8,	164.1,	283.9,	-7.5,	-8.8,
21	12.8,	121.1,	283.8,	-8.0,	14.7,	22	12.8,	74.5,	275.0,	-8.2,	37.7,
23	12.8,	121.1,	283.8,	-21.1,	59.6,	24	12.8,	164.1,	283.9,	-33.3,	79.7,
25	12.8,	202.0,	275.4,	-44.5,	97.3,	26	12.8,	233.8,	258.6,	-54.4,	112.0,
27	12.8,	258.6,	233.8,	-62.7,	123.3,	28	12.8,	275.4,	202.0,	-69.0,	130.9,
29	12.8,	283.9,	164.1,	-73.2,	134.5,	30	12.8,	283.8,	121.1,	-75.2,	133.9,
31	12.8,	275.0,	74.5,	-75.0,	129.4,	32	12.8,	283.8,	121.1,	-120.2,	120.8,
33	12.8,	283.9,	164.1,	-161.7,	108.6,	34	12.8,	275.4,	202.0,	-198.4,	93.2,
35	12.8,	258.6,	233.8,	-229.0,	74.8,	36	12.8,	233.8,	258.6,	-252.6,	54.2,

SOURCE ID: STCK2

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-264.9,	29.7,	2	12.8,	164.1,	283.9,	-272.4,	7.2,
3	12.8,	121.1,	283.8,	-271.6,	-15.6,	4	12.8,	74.5,	275.0,	-262.5,	-37.8,
5	12.8,	121.1,	283.8,	-258.4,	-59.0,	6	12.8,	164.1,	283.9,	-246.5,	-78.3,
7	12.8,	202.0,	275.4,	-227.0,	-95.3,	8	12.8,	233.8,	258.6,	-200.7,	-109.3,
9	12.8,	258.6,	233.8,	-168.3,	-120.1,	10	12.8,	275.4,	202.0,	-130.7,	-127.2,
11	12.8,	283.9,	164.1,	-89.2,	-130.4,	12	12.8,	283.8,	121.1,	-45.0,	-129.7,
13	12.8,	275.0,	74.5,	0.6,	-125.0,	14	12.8,	283.8,	121.1,	-1.6,	-116.5,
15	12.8,	283.9,	164.1,	-3.7,	-104.5,	16	12.8,	275.4,	202.0,	-5.7,	-89.3,
17	12.8,	258.6,	233.8,	-7.6,	-71.4,	18	12.8,	233.8,	258.6,	-9.2,	-51.4,
19	12.8,	202.0,	275.4,	-10.5,	-29.7,	20	12.8,	164.1,	283.9,	-11.6,	-7.2,
21	12.8,	121.1,	283.8,	-12.2,	15.6,	22	12.8,	74.5,	275.0,	-12.5,	37.8,
23	12.8,	121.1,	283.8,	-25.4,	59.0,	24	12.8,	164.1,	283.9,	-37.4,	78.3,
25	12.8,	202.0,	275.4,	-48.4,	95.3,	26	12.8,	233.8,	258.6,	-57.8,	109.3,
27	12.8,	258.6,	233.8,	-65.5,	120.1,	28	12.8,	275.4,	202.0,	-71.3,	127.2,
29	12.8,	283.9,	164.1,	-74.8,	130.4,	30	12.8,	283.8,	121.1,	-76.1,	129.7,
31	12.8,	275.0,	74.5,	-75.1,	125.0,	32	12.8,	283.8,	121.1,	-119.5,	116.5,
33	12.8,	283.9,	164.1,	-160.3,	104.5,	34	12.8,	275.4,	202.0,	-196.3,	89.3,
35	12.8,	258.6,	233.8,	-226.2,	71.4,	36	12.8,	233.8,	258.6,	-249.4,	51.4,

Model Output - Residential Receptors

SOURCE ID: STCK3

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-261.3,	27.7,	2	12.8,	164.1,	283.9,	-268.5,	5.8,
3	12.8,	121.1,	283.8,	-267.5,	-16.2,	4	12.8,	74.5,	275.0,	-258.4,	-37.8,
5	12.8,	121.1,	283.8,	-254.4,	-58.2,	6	12.8,	164.1,	283.9,	-242.6,	-76.9,
7	12.8,	202.0,	275.4,	-223.5,	-93.2,	8	12.8,	233.8,	258.6,	-197.6,	-106.7,
9	12.8,	258.6,	233.8,	-165.7,	-116.9,	10	12.8,	275.4,	202.0,	-128.7,	-123.6,
11	12.8,	283.9,	164.1,	-87.8,	-126.5,	12	12.8,	283.8,	121.1,	-44.3,	-125.6,
13	12.8,	275.0,	74.5,	0.6,	-120.9,	14	12.8,	283.8,	121.1,	-2.3,	-112.5,
15	12.8,	283.9,	164.1,	-5.1,	-100.7,	16	12.8,	275.4,	202.0,	-7.8,	-85.8,
17	12.8,	258.6,	233.8,	-10.2,	-68.3,	18	12.8,	233.8,	258.6,	-12.4,	-48.8,
19	12.8,	202.0,	275.4,	-14.1,	-27.7,	20	12.8,	164.1,	283.9,	-15.4,	-5.8,
21	12.8,	121.1,	283.8,	-16.2,	16.2,	22	12.8,	74.5,	275.0,	-16.6,	37.8,
23	12.8,	121.1,	283.8,	-29.4,	58.2,	24	12.8,	164.1,	283.9,	-41.3,	76.9,
25	12.8,	202.0,	275.4,	-51.9,	93.2,	26	12.8,	233.8,	258.6,	-61.0,	106.7,
27	12.8,	258.6,	233.8,	-68.2,	116.9,	28	12.8,	275.4,	202.0,	-73.3,	123.6,
29	12.8,	283.9,	164.1,	-76.2,	126.5,	30	12.8,	283.8,	121.1,	-76.8,	125.6,
31	12.8,	275.0,	74.5,	-75.0,	120.9,	32	12.8,	283.8,	121.1,	-118.8,	112.5,
33	12.8,	283.9,	164.1,	-158.9,	100.7,	34	12.8,	275.4,	202.0,	-194.2,	85.8,
35	12.8,	258.6,	233.8,	-223.6,	68.3,	36	12.8,	233.8,	258.6,	-246.2,	48.8,

SOURCE ID: STCK4

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-257.8,	25.7,	2	12.8,	164.1,	283.9,	-264.6,	4.5,
3	12.8,	121.1,	283.8,	-263.5,	-16.9,	4	12.8,	74.5,	275.0,	-254.3,	-37.8,
5	12.8,	121.1,	283.8,	-250.4,	-57.5,	6	12.8,	164.1,	283.9,	-238.8,	-75.4,
7	12.8,	202.0,	275.4,	-220.0,	-91.1,	8	12.8,	233.8,	258.6,	-194.5,	-104.0,
9	12.8,	258.6,	233.8,	-163.1,	-113.8,	10	12.8,	275.4,	202.0,	-126.7,	-120.0,
11	12.8,	283.9,	164.1,	-86.5,	-122.7,	12	12.8,	283.8,	121.1,	-43.6,	-121.6,
13	12.8,	275.0,	74.5,	0.5,	-116.8,	14	12.8,	283.8,	121.1,	-3.1,	-108.5,
15	12.8,	283.9,	164.1,	-6.6,	-96.8,	16	12.8,	275.4,	202.0,	-9.9,	-82.3,
17	12.8,	258.6,	233.8,	-12.9,	-65.2,	18	12.8,	233.8,	258.6,	-15.5,	-46.1,
19	12.8,	202.0,	275.4,	-17.7,	-25.7,	20	12.8,	164.1,	283.9,	-19.3,	-4.5,
21	12.8,	121.1,	283.8,	-20.3,	16.9,	22	12.8,	74.5,	275.0,	-20.7,	37.8,
23	12.8,	121.1,	283.8,	-33.4,	57.5,	24	12.8,	164.1,	283.9,	-45.1,	75.4,
25	12.8,	202.0,	275.4,	-55.4,	91.1,	26	12.8,	233.8,	258.6,	-64.1,	104.0,
27	12.8,	258.6,	233.8,	-70.8,	113.8,	28	12.8,	275.4,	202.0,	-75.3,	120.0,
29	12.8,	283.9,	164.1,	-77.6,	122.7,	30	12.8,	283.8,	121.1,	-77.5,	121.6,
31	12.8,	275.0,	74.5,	-75.0,	116.8,	32	12.8,	283.8,	121.1,	-118.0,	108.5,
33	12.8,	283.9,	164.1,	-157.5,	96.8,	34	12.8,	275.4,	202.0,	-192.1,	82.3,
35	12.8,	258.6,	233.8,	-220.9,	65.2,	36	12.8,	233.8,	258.6,	-243.0,	46.1,

Model Output - Residential Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK5

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-254.4,	23.8,	2	12.8,	164.1,	283.9,	-261.0,	3.1,
3	12.8,	121.1,	283.8,	-259.6,	-17.6,	4	12.8,	74.5,	275.0,	-250.4,	-37.8,
5	12.8,	121.1,	283.8,	-246.5,	-56.8,	6	12.8,	164.1,	283.9,	-235.1,	-74.1,
7	12.8,	202.0,	275.4,	-216.6,	-89.2,	8	12.8,	233.8,	258.6,	-191.5,	-101.5,
9	12.8,	258.6,	233.8,	-160.6,	-110.8,	10	12.8,	275.4,	202.0,	-124.8,	-116.7,
11	12.8,	283.9,	164.1,	-85.1,	-119.0,	12	12.8,	283.8,	121.1,	-43.0,	-117.8,
13	12.8,	275.0,	74.5,	0.5,	-112.9,	14	12.8,	283.8,	121.1,	-3.8,	-104.6,
15	12.8,	283.9,	164.1,	-7.9,	-93.2,	16	12.8,	275.4,	202.0,	-11.8,	-78.9,
17	12.8,	258.6,	233.8,	-15.4,	-62.2,	18	12.8,	233.8,	258.6,	-18.5,	-43.6,
19	12.8,	202.0,	275.4,	-21.0,	-23.8,	20	12.8,	164.1,	283.9,	-22.9,	-3.1,
21	12.8,	121.1,	283.8,	-24.1,	17.6,	22	12.8,	74.5,	275.0,	-24.6,	37.8,
23	12.8,	121.1,	283.8,	-37.2,	56.8,	24	12.8,	164.1,	283.9,	-48.8,	74.1,
25	12.8,	202.0,	275.4,	-58.8,	89.2,	26	12.8,	233.8,	258.6,	-67.1,	101.5,
27	12.8,	258.6,	233.8,	-73.3,	110.8,	28	12.8,	275.4,	202.0,	-77.3,	116.7,
29	12.8,	283.9,	164.1,	-78.9,	119.0,	30	12.8,	283.8,	121.1,	-78.1,	117.8,
31	12.8,	275.0,	74.5,	-75.0,	112.9,	32	12.8,	283.8,	121.1,	-117.4,	104.6,
33	12.8,	283.9,	164.1,	-156.1,	93.2,	34	12.8,	275.4,	202.0,	-190.2,	78.9,
35	12.8,	258.6,	233.8,	-218.4,	62.2,	36	12.8,	233.8,	258.6,	-240.1,	43.6,

SOURCE ID: STCK6

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-247.4,	19.8,	2	12.8,	164.1,	283.9,	-253.4,	0.5,
3	12.8,	121.1,	283.8,	-251.7,	-18.9,	4	12.8,	74.5,	275.0,	-242.4,	-37.7,
5	12.8,	121.1,	283.8,	-238.6,	-55.3,	6	12.8,	164.1,	283.9,	-227.6,	-71.3,
7	12.8,	202.0,	275.4,	-209.7,	-85.1,	8	12.8,	233.8,	258.6,	-185.4,	-96.3,
9	12.8,	258.6,	233.8,	-155.4,	-104.5,	10	12.8,	275.4,	202.0,	-120.8,	-109.6,
11	12.8,	283.9,	164.1,	-82.5,	-111.4,	12	12.8,	283.8,	121.1,	-41.6,	-109.8,
13	12.8,	275.0,	74.5,	0.4,	-104.8,	14	12.8,	283.8,	121.1,	-5.2,	-96.7,
15	12.8,	283.9,	164.1,	-10.8,	-85.6,	16	12.8,	275.4,	202.0,	-15.9,	-72.0,
17	12.8,	258.6,	233.8,	-20.7,	-56.1,	18	12.8,	233.8,	258.6,	-24.7,	-38.5,
19	12.8,	202.0,	275.4,	-28.1,	-19.8,	20	12.8,	164.1,	283.9,	-30.5,	-0.5,
21	12.8,	121.1,	283.8,	-32.1,	18.9,	22	12.8,	74.5,	275.0,	-32.6,	37.7,
23	12.8,	121.1,	283.8,	-45.2,	55.3,	24	12.8,	164.1,	283.9,	-56.3,	71.3,
25	12.8,	202.0,	275.4,	-65.7,	85.1,	26	12.8,	233.8,	258.6,	-73.2,	96.3,
27	12.8,	258.6,	233.8,	-78.4,	104.5,	28	12.8,	275.4,	202.0,	-81.2,	109.6,
29	12.8,	283.9,	164.1,	-81.6,	111.4,	30	12.8,	283.8,	121.1,	-79.5,	109.8,
31	12.8,	275.0,	74.5,	-74.9,	104.8,	32	12.8,	283.8,	121.1,	-115.9,	96.7,
33	12.8,	283.9,	164.1,	-153.3,	85.6,	34	12.8,	275.4,	202.0,	-186.1,	72.0,
35	12.8,	258.6,	233.8,	-213.2,	56.1,	36	12.8,	233.8,	258.6,	-233.8,	38.5,

Model Output - Residential Receptors

SOURCE ID: STCK7

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-243.7,	17.6,	2	12.8,	164.1,	283.9,	-249.4,	-1.1,
3	12.8,	121.1,	283.8,	-247.5,	-19.7,	4	12.8,	74.5,	275.0,	-238.1,	-37.8,
5	12.8,	121.1,	283.8,	-234.4,	-54.7,	6	12.8,	164.1,	283.9,	-223.6,	-69.9,
7	12.8,	202.0,	275.4,	-206.0,	-83.0,	8	12.8,	233.8,	258.6,	-182.1,	-93.6,
9	12.8,	258.6,	233.8,	-152.7,	-101.4,	10	12.8,	275.4,	202.0,	-118.6,	-106.0,
11	12.8,	283.9,	164.1,	-80.9,	-107.5,	12	12.8,	283.8,	121.1,	-40.8,	-105.7,
13	12.8,	275.0,	74.5,	0.5,	-100.6,	14	12.8,	283.8,	121.1,	-5.9,	-92.5,
15	12.8,	283.9,	164.1,	-12.1,	-81.6,	16	12.8,	275.4,	202.0,	-18.0,	-68.2,
17	12.8,	258.6,	233.8,	-23.3,	-52.8,	18	12.8,	233.8,	258.6,	-27.9,	-35.7,
19	12.8,	202.0,	275.4,	-31.7,	-17.6,	20	12.8,	164.1,	283.9,	-34.5,	1.1,
21	12.8,	121.1,	283.8,	-36.2,	19.7,	22	12.8,	74.5,	275.0,	-36.9,	37.8,
23	12.8,	121.1,	283.8,	-49.3,	54.7,	24	12.8,	164.1,	283.9,	-60.3,	69.9,
25	12.8,	202.0,	275.4,	-69.5,	83.0,	26	12.8,	233.8,	258.6,	-76.5,	93.6,
27	12.8,	258.6,	233.8,	-81.2,	101.4,	28	12.8,	275.4,	202.0,	-83.4,	106.0,
29	12.8,	283.9,	164.1,	-83.1,	107.5,	30	12.8,	283.8,	121.1,	-80.3,	105.7,
31	12.8,	275.0,	74.5,	-75.0,	100.6,	32	12.8,	283.8,	121.1,	-115.2,	92.5,
33	12.8,	283.9,	164.1,	-152.0,	81.6,	34	12.8,	275.4,	202.0,	-184.1,	68.2,
35	12.8,	258.6,	233.8,	-210.6,	52.8,	36	12.8,	233.8,	258.6,	-230.7,	35.7,

SOURCE ID: STCK8

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-240.1,	15.7,	2	12.8,	164.1,	283.9,	-245.5,	-2.3,
3	12.8,	121.1,	283.8,	-243.5,	-20.3,	4	12.8,	74.5,	275.0,	-234.0,	-37.6,
5	12.8,	121.1,	283.8,	-230.4,	-53.8,	6	12.8,	164.1,	283.9,	-219.8,	-68.4,
7	12.8,	202.0,	275.4,	-202.5,	-80.8,	8	12.8,	233.8,	258.6,	-179.0,	-90.9,
9	12.8,	258.6,	233.8,	-150.1,	-98.1,	10	12.8,	275.4,	202.0,	-116.7,	-102.4,
11	12.8,	283.9,	164.1,	-79.7,	-103.6,	12	12.8,	283.8,	121.1,	-40.3,	-101.6,
13	12.8,	275.0,	74.5,	0.4,	-96.5,	14	12.8,	283.8,	121.1,	-6.7,	-88.5,
15	12.8,	283.9,	164.1,	-13.7,	-77.8,	16	12.8,	275.4,	202.0,	-20.2,	-64.8,
17	12.8,	258.6,	233.8,	-26.1,	-49.8,	18	12.8,	233.8,	258.6,	-31.2,	-33.2,
19	12.8,	202.0,	275.4,	-35.3,	-15.7,	20	12.8,	164.1,	283.9,	-38.4,	2.3,
21	12.8,	121.1,	283.8,	-40.3,	20.3,	22	12.8,	74.5,	275.0,	-41.0,	37.6,
23	12.8,	121.1,	283.8,	-53.4,	53.8,	24	12.8,	164.1,	283.9,	-64.1,	68.4,
25	12.8,	202.0,	275.4,	-72.9,	80.8,	26	12.8,	233.8,	258.6,	-79.5,	90.9,
27	12.8,	258.6,	233.8,	-83.7,	98.1,	28	12.8,	275.4,	202.0,	-85.3,	102.4,
29	12.8,	283.9,	164.1,	-84.4,	103.6,	30	12.8,	283.8,	121.1,	-80.8,	101.6,
31	12.8,	275.0,	74.5,	-74.9,	96.5,	32	12.8,	283.8,	121.1,	-114.4,	88.5,
33	12.8,	283.9,	164.1,	-150.4,	77.8,	34	12.8,	275.4,	202.0,	-181.9,	64.8,
35	12.8,	258.6,	233.8,	-207.8,	49.8,	36	12.8,	233.8,	258.6,	-227.4,	33.2,

Model Output - Residential Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK9

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-236.6,	13.6,	2	12.8,	164.1,	283.9,	-241.7,	-3.8,
3	12.8,	121.1,	283.8,	-239.5,	-21.1,	4	12.8,	74.5,	275.0,	-229.9,	-37.7,
5	12.8,	121.1,	283.8,	-226.4,	-53.2,	6	12.8,	164.1,	283.9,	-215.9,	-67.1,
7	12.8,	202.0,	275.4,	-198.9,	-78.9,	8	12.8,	233.8,	258.6,	-175.8,	-88.3,
9	12.8,	258.6,	233.8,	-147.4,	-95.1,	10	12.8,	275.4,	202.0,	-114.6,	-98.9,
11	12.8,	283.9,	164.1,	-78.2,	-99.8,	12	12.8,	283.8,	121.1,	-39.5,	-97.6,
13	12.8,	275.0,	74.5,	0.5,	-92.4,	14	12.8,	283.8,	121.1,	-7.4,	-84.5,
15	12.8,	283.9,	164.1,	-15.0,	-74.0,	16	12.8,	275.4,	202.0,	-22.1,	-61.2,
17	12.8,	258.6,	233.8,	-28.6,	-46.6,	18	12.8,	233.8,	258.6,	-34.2,	-30.5,
19	12.8,	202.0,	275.4,	-38.8,	-13.6,	20	12.8,	164.1,	283.9,	-42.2,	3.8,
21	12.8,	121.1,	283.8,	-44.3,	21.1,	22	12.8,	74.5,	275.0,	-45.1,	37.7,
23	12.8,	121.1,	283.8,	-57.4,	53.2,	24	12.8,	164.1,	283.9,	-68.0,	67.1,
25	12.8,	202.0,	275.4,	-76.5,	78.9,	26	12.8,	233.8,	258.6,	-82.7,	88.3,
27	12.8,	258.6,	233.8,	-86.4,	95.1,	28	12.8,	275.4,	202.0,	-87.5,	98.9,
29	12.8,	283.9,	164.1,	-85.8,	99.8,	30	12.8,	283.8,	121.1,	-81.6,	97.6,
31	12.8,	275.0,	74.5,	-75.0,	92.4,	32	12.8,	283.8,	121.1,	-113.8,	84.5,
33	12.8,	283.9,	164.1,	-149.1,	74.0,	34	12.8,	275.4,	202.0,	-179.9,	61.2,
35	12.8,	258.6,	233.8,	-205.2,	46.6,	36	12.8,	233.8,	258.6,	-224.3,	30.5,

SOURCE ID: STCK10

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-233.1,	11.7,	2	12.8,	164.1,	283.9,	-237.9,	-5.0,
3	12.8,	121.1,	283.8,	-235.5,	-21.6,	4	12.8,	74.5,	275.0,	-226.0,	-37.5,
5	12.8,	121.1,	283.8,	-222.5,	-52.3,	6	12.8,	164.1,	283.9,	-212.2,	-65.5,
7	12.8,	202.0,	275.4,	-195.5,	-76.7,	8	12.8,	233.8,	258.6,	-172.9,	-85.6,
9	12.8,	258.6,	233.8,	-145.0,	-91.9,	10	12.8,	275.4,	202.0,	-112.7,	-95.4,
11	12.8,	283.9,	164.1,	-77.0,	-96.0,	12	12.8,	283.8,	121.1,	-38.9,	-93.6,
13	12.8,	275.0,	74.5,	0.3,	-88.5,	14	12.8,	283.8,	121.1,	-8.2,	-80.6,
15	12.8,	283.9,	164.1,	-16.5,	-70.3,	16	12.8,	275.4,	202.0,	-24.3,	-57.8,
17	12.8,	258.6,	233.8,	-31.3,	-43.6,	18	12.8,	233.8,	258.6,	-37.4,	-28.1,
19	12.8,	202.0,	275.4,	-42.3,	-11.7,	20	12.8,	164.1,	283.9,	-46.0,	5.0,
21	12.8,	121.1,	283.8,	-48.2,	21.6,	22	12.8,	74.5,	275.0,	-49.0,	37.5,
23	12.8,	121.1,	283.8,	-61.3,	52.3,	24	12.8,	164.1,	283.9,	-71.7,	65.5,
25	12.8,	202.0,	275.4,	-79.9,	76.7,	26	12.8,	233.8,	258.6,	-85.6,	85.6,
27	12.8,	258.6,	233.8,	-88.8,	91.9,	28	12.8,	275.4,	202.0,	-89.3,	95.4,
29	12.8,	283.9,	164.1,	-87.0,	96.0,	30	12.8,	283.8,	121.1,	-82.2,	93.6,
31	12.8,	275.0,	74.5,	-74.8,	88.5,	32	12.8,	283.8,	121.1,	-112.9,	80.6,
33	12.8,	283.9,	164.1,	-147.6,	70.3,	34	12.8,	275.4,	202.0,	-177.8,	57.8,
35	12.8,	258.6,	233.8,	-202.5,	43.6,	36	12.8,	233.8,	258.6,	-221.2,	28.1,

Model Output - Residential Receptors

SOURCE ID: STCK11

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-229.5,	9.3,	2	12.8,	164.1,	283.9,	-234.0,	-6.8,
3	12.8,	121.1,	283.8,	-231.4,	-22.7,	4	12.8,	74.5,	275.0,	-221.7,	-37.8,
5	12.8,	121.1,	283.8,	-218.2,	-51.9,	6	12.8,	164.1,	283.9,	-208.1,	-64.4,
7	12.8,	202.0,	275.4,	-191.7,	-74.9,	8	12.8,	233.8,	258.6,	-169.4,	-83.1,
9	12.8,	258.6,	233.8,	-142.0,	-88.8,	10	12.8,	275.4,	202.0,	-110.3,	-91.8,
11	12.8,	283.9,	164.1,	-75.3,	-92.1,	12	12.8,	283.8,	121.1,	-37.9,	-89.5,
13	12.8,	275.0,	74.5,	0.6,	-84.2,	14	12.8,	283.8,	121.1,	-8.7,	-76.3,
15	12.8,	283.9,	164.1,	-17.7,	-66.2,	16	12.8,	275.4,	202.0,	-26.1,	-54.0,
17	12.8,	258.6,	233.8,	-33.8,	-40.2,	18	12.8,	233.8,	258.6,	-40.4,	-25.1,
19	12.8,	202.0,	275.4,	-45.9,	-9.3,	20	12.8,	164.1,	283.9,	-49.9,	6.8,
21	12.8,	121.1,	283.8,	-52.4,	22.7,	22	12.8,	74.5,	275.0,	-53.3,	37.8,
23	12.8,	121.1,	283.8,	-65.5,	51.9,	24	12.8,	164.1,	283.9,	-75.8,	64.4,
25	12.8,	202.0,	275.4,	-83.7,	74.9,	26	12.8,	233.8,	258.6,	-89.1,	83.1,
27	12.8,	258.6,	233.8,	-91.8,	88.8,	28	12.8,	275.4,	202.0,	-91.7,	91.8,
29	12.8,	283.9,	164.1,	-88.8,	92.1,	30	12.8,	283.8,	121.1,	-83.2,	89.5,
31	12.8,	275.0,	74.5,	-75.1,	84.2,	32	12.8,	283.8,	121.1,	-112.5,	76.3,
33	12.8,	283.9,	164.1,	-146.4,	66.2,	34	12.8,	275.4,	202.0,	-175.9,	54.0,
35	12.8,	258.6,	233.8,	-200.0,	40.2,	36	12.8,	233.8,	258.6,	-218.1,	25.1,

SOURCE ID: STCK12

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-226.1,	7.6,	2	12.8,	164.1,	283.9,	-230.3,	-7.9,
3	12.8,	121.1,	283.8,	-227.6,	-23.1,	4	12.8,	74.5,	275.0,	-217.9,	-37.6,
5	12.8,	121.1,	283.8,	-214.5,	-51.0,	6	12.8,	164.1,	283.9,	-204.6,	-62.9,
7	12.8,	202.0,	275.4,	-188.5,	-72.8,	8	12.8,	233.8,	258.6,	-166.6,	-80.5,
9	12.8,	258.6,	233.8,	-139.7,	-85.8,	10	12.8,	275.4,	202.0,	-108.6,	-88.4,
11	12.8,	283.9,	164.1,	-74.1,	-88.4,	12	12.8,	283.8,	121.1,	-37.4,	-85.7,
13	12.8,	275.0,	74.5,	0.4,	-80.3,	14	12.8,	283.8,	121.1,	-9.5,	-72.6,
15	12.8,	283.9,	164.1,	-19.2,	-62.6,	16	12.8,	275.4,	202.0,	-28.2,	-50.8,
17	12.8,	258.6,	233.8,	-36.4,	-37.3,	18	12.8,	233.8,	258.6,	-43.5,	-22.8,
19	12.8,	202.0,	275.4,	-49.3,	-7.6,	20	12.8,	164.1,	283.9,	-53.6,	7.9,
21	12.8,	121.1,	283.8,	-56.2,	23.1,	22	12.8,	74.5,	275.0,	-57.1,	37.6,
23	12.8,	121.1,	283.8,	-69.3,	51.0,	24	12.8,	164.1,	283.9,	-79.3,	62.9,
25	12.8,	202.0,	275.4,	-86.9,	72.8,	26	12.8,	233.8,	258.6,	-91.9,	80.5,
27	12.8,	258.6,	233.8,	-94.1,	85.8,	28	12.8,	275.4,	202.0,	-93.4,	88.4,
29	12.8,	283.9,	164.1,	-89.9,	88.4,	30	12.8,	283.8,	121.1,	-83.7,	85.7,
31	12.8,	275.0,	74.5,	-74.9,	80.3,	32	12.8,	283.8,	121.1,	-111.6,	72.6,
33	12.8,	283.9,	164.1,	-144.9,	62.6,	34	12.8,	275.4,	202.0,	-173.8,	50.8,
35	12.8,	258.6,	233.8,	-197.4,	37.3,	36	12.8,	233.8,	258.6,	-215.0,	22.8,

Model Output - Residential Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK13

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-219.3,	3.0,	2	12.8,	164.1,	283.9,	-222.8,	-11.2,
3	12.8,	121.1,	283.8,	-219.6,	-25.1,	4	12.8,	74.5,	275.0,	-209.6,	-38.2,
5	12.8,	121.1,	283.8,	-206.3,	-50.1,	6	12.8,	164.1,	283.9,	-196.7,	-60.5,
7	12.8,	202.0,	275.4,	-181.1,	-69.1,	8	12.8,	233.8,	258.6,	-160.0,	-75.6,
9	12.8,	258.6,	233.8,	-134.0,	-79.8,	10	12.8,	275.4,	202.0,	-104.0,	-81.6,
11	12.8,	283.9,	164.1,	-70.8,	-80.8,	12	12.8,	283.8,	121.1,	-35.5,	-77.7,
13	12.8,	275.0,	74.5,	0.9,	-72.1,	14	12.8,	283.8,	121.1,	-10.4,	-64.4,
15	12.8,	283.9,	164.1,	-21.5,	-54.7,	16	12.8,	275.4,	202.0,	-31.9,	-43.4,
17	12.8,	258.6,	233.8,	-41.3,	-30.7,	18	12.8,	233.8,	258.6,	-49.5,	-17.1,
19	12.8,	202.0,	275.4,	-56.1,	-3.0,	20	12.8,	164.1,	283.9,	-61.1,	11.2,
21	12.8,	121.1,	283.8,	-64.2,	25.1,	22	12.8,	74.5,	275.0,	-65.4,	38.2,
23	12.8,	121.1,	283.8,	-77.5,	50.1,	24	12.8,	164.1,	283.9,	-87.2,	60.5,
25	12.8,	202.0,	275.4,	-94.3,	69.1,	26	12.8,	233.8,	258.6,	-98.5,	75.6,
27	12.8,	258.6,	233.8,	-99.8,	79.8,	28	12.8,	275.4,	202.0,	-98.0,	81.6,
29	12.8,	283.9,	164.1,	-93.2,	80.8,	30	12.8,	283.8,	121.1,	-85.6,	77.7,
31	12.8,	275.0,	74.5,	-75.4,	72.1,	32	12.8,	283.8,	121.1,	-110.7,	64.4,
33	12.8,	283.9,	164.1,	-142.6,	54.7,	34	12.8,	275.4,	202.0,	-170.1,	43.4,
35	12.8,	258.6,	233.8,	-192.5,	30.7,	36	12.8,	233.8,	258.6,	-209.1,	17.1,

SOURCE ID: STCK14

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-215.7,	1.3,	2	12.8,	164.1,	283.9,	-218.9,	-12.3,
3	12.8,	121.1,	283.8,	-215.6,	-25.4,	4	12.8,	74.5,	275.0,	-205.7,	-37.9,
5	12.8,	121.1,	283.8,	-202.4,	-49.1,	6	12.8,	164.1,	283.9,	-193.0,	-58.9,
7	12.8,	202.0,	275.4,	-177.8,	-66.9,	8	12.8,	233.8,	258.6,	-157.1,	-72.8,
9	12.8,	258.6,	233.8,	-131.7,	-76.5,	10	12.8,	275.4,	202.0,	-102.3,	-78.0,
11	12.8,	283.9,	164.1,	-69.8,	-77.0,	12	12.8,	283.8,	121.1,	-35.1,	-73.7,
13	12.8,	275.0,	74.5,	0.6,	-68.1,	14	12.8,	283.8,	121.1,	-11.4,	-60.5,
15	12.8,	283.9,	164.1,	-23.1,	-51.1,	16	12.8,	275.4,	202.0,	-34.1,	-40.1,
17	12.8,	258.6,	233.8,	-44.1,	-27.9,	18	12.8,	233.8,	258.6,	-52.7,	-14.8,
19	12.8,	202.0,	275.4,	-59.8,	-1.3,	20	12.8,	164.1,	283.9,	-65.0,	12.3,
21	12.8,	121.1,	283.8,	-68.2,	25.4,	22	12.8,	74.5,	275.0,	-69.3,	37.9,
23	12.8,	121.1,	283.8,	-81.3,	49.1,	24	12.8,	164.1,	283.9,	-90.8,	58.9,
25	12.8,	202.0,	275.4,	-97.6,	66.9,	26	12.8,	233.8,	258.6,	-101.4,	72.8,
27	12.8,	258.6,	233.8,	-102.1,	76.5,	28	12.8,	275.4,	202.0,	-99.7,	78.0,
29	12.8,	283.9,	164.1,	-94.3,	77.0,	30	12.8,	283.8,	121.1,	-86.0,	73.7,
31	12.8,	275.0,	74.5,	-75.1,	68.1,	32	12.8,	283.8,	121.1,	-109.7,	60.5,
33	12.8,	283.9,	164.1,	-140.9,	51.1,	34	12.8,	275.4,	202.0,	-167.9,	40.1,
35	12.8,	258.6,	233.8,	-189.7,	27.9,	36	12.8,	233.8,	258.6,	-205.8,	14.8,

Model Output - Residential Receptors

SOURCE ID: STCK15

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-211.8,	-0.9,	2	12.8,	164.1,	283.9,	-214.8,	-13.7,
3	12.8,	121.1,	283.8,	-211.2,	-26.1,	4	12.8,	74.5,	275.0,	-201.2,	-37.8,
5	12.8,	121.1,	283.8,	-198.1,	-48.3,	6	12.8,	164.1,	283.9,	-188.9,	-57.3,
7	12.8,	202.0,	275.4,	-174.0,	-64.6,	8	12.8,	233.8,	258.6,	-153.8,	-69.9,
9	12.8,	258.6,	233.8,	-128.9,	-73.1,	10	12.8,	275.4,	202.0,	-100.1,	-74.1,
11	12.8,	283.9,	164.1,	-68.3,	-72.8,	12	12.8,	283.8,	121.1,	-34.4,	-69.3,
13	12.8,	275.0,	74.5,	0.5,	-63.7,	14	12.8,	283.8,	121.1,	-12.3,	-56.2,
15	12.8,	283.9,	164.1,	-24.7,	-46.9,	16	12.8,	275.4,	202.0,	-36.4,	-36.3,
17	12.8,	258.6,	233.8,	-47.0,	-24.5,	18	12.8,	233.8,	258.6,	-56.2,	-12.0,
19	12.8,	202.0,	275.4,	-63.6,	0.9,	20	12.8,	164.1,	283.9,	-69.1,	13.7,
21	12.8,	121.1,	283.8,	-72.6,	26.1,	22	12.8,	74.5,	275.0,	-73.8,	37.8,
23	12.8,	121.1,	283.8,	-85.7,	48.3,	24	12.8,	164.1,	283.9,	-95.0,	57.3,
25	12.8,	202.0,	275.4,	-101.4,	64.6,	26	12.8,	233.8,	258.6,	-104.8,	69.9,
27	12.8,	258.6,	233.8,	-104.9,	73.1,	28	12.8,	275.4,	202.0,	-101.9,	74.1,
29	12.8,	283.9,	164.1,	-95.7,	72.8,	30	12.8,	283.8,	121.1,	-86.7,	69.3,
31	12.8,	275.0,	74.5,	-75.0,	63.7,	32	12.8,	283.8,	121.1,	-108.8,	56.2,
33	12.8,	283.9,	164.1,	-139.3,	46.9,	34	12.8,	275.4,	202.0,	-165.6,	36.3,
35	12.8,	258.6,	233.8,	-186.8,	24.5,	36	12.8,	233.8,	258.6,	-202.4,	12.0,

SOURCE ID: STCK16

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-208.1,	-3.0,	2	12.8,	164.1,	283.9,	-210.7,	-15.2,
3	12.8,	121.1,	283.8,	-207.0,	-26.9,	4	12.8,	74.5,	275.0,	-196.9,	-37.8,
5	12.8,	121.1,	283.8,	-193.8,	-47.6,	6	12.8,	164.1,	283.9,	-184.9,	-55.9,
7	12.8,	202.0,	275.4,	-170.3,	-62.5,	8	12.8,	233.8,	258.6,	-150.5,	-67.2,
9	12.8,	258.6,	233.8,	-126.1,	-69.8,	10	12.8,	275.4,	202.0,	-98.0,	-70.4,
11	12.8,	283.9,	164.1,	-66.8,	-68.8,	12	12.8,	283.8,	121.1,	-33.6,	-65.1,
13	12.8,	275.0,	74.5,	0.6,	-59.4,	14	12.8,	283.8,	121.1,	-13.0,	-52.0,
15	12.8,	283.9,	164.1,	-26.2,	-42.9,	16	12.8,	275.4,	202.0,	-38.5,	-32.6,
17	12.8,	258.6,	233.8,	-49.7,	-21.2,	18	12.8,	233.8,	258.6,	-59.4,	-9.2,
19	12.8,	202.0,	275.4,	-67.3,	3.0,	20	12.8,	164.1,	283.9,	-73.2,	15.2,
21	12.8,	121.1,	283.8,	-76.8,	26.9,	22	12.8,	74.5,	275.0,	-78.1,	37.8,
23	12.8,	121.1,	283.8,	-89.9,	47.6,	24	12.8,	164.1,	283.9,	-99.0,	55.9,
25	12.8,	202.0,	275.4,	-105.1,	62.5,	26	12.8,	233.8,	258.6,	-108.1,	67.2,
27	12.8,	258.6,	233.8,	-107.7,	69.8,	28	12.8,	275.4,	202.0,	-104.0,	70.4,
29	12.8,	283.9,	164.1,	-97.2,	68.8,	30	12.8,	283.8,	121.1,	-87.5,	65.1,
31	12.8,	275.0,	74.5,	-75.1,	59.4,	32	12.8,	283.8,	121.1,	-108.1,	52.0,
33	12.8,	283.9,	164.1,	-137.9,	42.9,	34	12.8,	275.4,	202.0,	-163.5,	32.6,
35	12.8,	258.6,	233.8,	-184.1,	21.2,	36	12.8,	233.8,	258.6,	-199.1,	9.2,

Model Output - Residential Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK17

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-204.8,	-4.8,	2	12.8,	164.1,	283.9,	-207.1,	-16.4,
3	12.8,	121.1,	283.8,	-203.2,	-27.5,	4	12.8,	74.5,	275.0,	-193.2,	-37.7,
5	12.8,	121.1,	283.8,	-190.1,	-46.8,	6	12.8,	164.1,	283.9,	-181.4,	-54.5,
7	12.8,	202.0,	275.4,	-167.1,	-60.5,	8	12.8,	233.8,	258.6,	-147.7,	-64.6,
9	12.8,	258.6,	233.8,	-123.8,	-66.9,	10	12.8,	275.4,	202.0,	-96.2,	-67.0,
11	12.8,	283.9,	164.1,	-65.6,	-65.2,	12	12.8,	283.8,	121.1,	-33.1,	-61.3,
13	12.8,	275.0,	74.5,	0.5,	-55.6,	14	12.8,	283.8,	121.1,	-13.8,	-48.3,
15	12.8,	283.9,	164.1,	-27.6,	-39.4,	16	12.8,	275.4,	202.0,	-40.5,	-29.4,
17	12.8,	258.6,	233.8,	-52.3,	-18.4,	18	12.8,	233.8,	258.6,	-62.4,	-6.9,
19	12.8,	202.0,	275.4,	-70.7,	4.8,	20	12.8,	164.1,	283.9,	-76.8,	16.4,
21	12.8,	121.1,	283.8,	-80.5,	27.5,	22	12.8,	74.5,	275.0,	-81.8,	37.7,
23	12.8,	121.1,	283.8,	-93.6,	46.8,	24	12.8,	164.1,	283.9,	-102.5,	54.5,
25	12.8,	202.0,	275.4,	-108.3,	60.5,	26	12.8,	233.8,	258.6,	-110.9,	64.6,
27	12.8,	258.6,	233.8,	-110.0,	66.9,	28	12.8,	275.4,	202.0,	-105.8,	67.0,
29	12.8,	283.9,	164.1,	-98.4,	65.2,	30	12.8,	283.8,	121.1,	-88.0,	61.3,
31	12.8,	275.0,	74.5,	-74.9,	55.6,	32	12.8,	283.8,	121.1,	-107.3,	48.3,
33	12.8,	283.9,	164.1,	-136.5,	39.4,	34	12.8,	275.4,	202.0,	-161.5,	29.4,
35	12.8,	258.6,	233.8,	-181.6,	18.4,	36	12.8,	233.8,	258.6,	-196.1,	6.9,

SOURCE ID: STCK18

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-201.3,	-6.8,	2	12.8,	164.1,	283.9,	-203.4,	-17.7,
3	12.8,	121.1,	283.8,	-199.3,	-28.1,	4	12.8,	74.5,	275.0,	-189.2,	-37.6,
5	12.8,	121.1,	283.8,	-186.2,	-46.0,	6	12.8,	164.1,	283.9,	-177.6,	-53.1,
7	12.8,	202.0,	275.4,	-163.6,	-58.4,	8	12.8,	233.8,	258.6,	-144.7,	-62.1,
9	12.8,	258.6,	233.8,	-121.3,	-63.8,	10	12.8,	275.4,	202.0,	-94.2,	-63.6,
11	12.8,	283.9,	164.1,	-64.3,	-61.4,	12	12.8,	283.8,	121.1,	-32.4,	-57.4,
13	12.8,	275.0,	74.5,	0.4,	-51.7,	14	12.8,	283.8,	121.1,	-14.5,	-44.4,
15	12.8,	283.9,	164.1,	-29.0,	-35.7,	16	12.8,	275.4,	202.0,	-42.6,	-25.9,
17	12.8,	258.6,	233.8,	-54.8,	-15.4,	18	12.8,	233.8,	258.6,	-65.5,	-4.4,
19	12.8,	202.0,	275.4,	-74.1,	6.8,	20	12.8,	164.1,	283.9,	-80.5,	17.7,
21	12.8,	121.1,	283.8,	-84.4,	28.1,	22	12.8,	74.5,	275.0,	-85.8,	37.6,
23	12.8,	121.1,	283.8,	-97.5,	46.0,	24	12.8,	164.1,	283.9,	-106.2,	53.1,
25	12.8,	202.0,	275.4,	-111.8,	58.4,	26	12.8,	233.8,	258.6,	-113.9,	62.1,
27	12.8,	258.6,	233.8,	-112.5,	63.8,	28	12.8,	275.4,	202.0,	-107.8,	63.6,
29	12.8,	283.9,	164.1,	-99.7,	61.4,	30	12.8,	283.8,	121.1,	-88.6,	57.4,
31	12.8,	275.0,	74.5,	-74.9,	51.7,	32	12.8,	283.8,	121.1,	-106.6,	44.4,
33	12.8,	283.9,	164.1,	-135.1,	35.7,	34	12.8,	275.4,	202.0,	-159.5,	25.9,
35	12.8,	258.6,	233.8,	-179.0,	15.4,	36	12.8,	233.8,	258.6,	-193.1,	4.4,

Model Output - Residential Receptors

SOURCE ID: STCK19

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-197.8,	-8.8,	2	12.8,	164.1,	283.9,	-199.6,	-19.1,
3	12.8,	121.1,	283.8,	-195.4,	-28.8,	4	12.8,	74.5,	275.0,	-185.2,	-37.7,
5	12.8,	121.1,	283.8,	-182.3,	-45.4,	6	12.8,	164.1,	283.9,	-173.9,	-51.7,
7	12.8,	202.0,	275.4,	-160.1,	-56.5,	8	12.8,	233.8,	258.6,	-141.6,	-59.5,
9	12.8,	258.6,	233.8,	-118.7,	-60.7,	10	12.8,	275.4,	202.0,	-92.2,	-60.1,
11	12.8,	283.9,	164.1,	-62.9,	-57.7,	12	12.8,	283.8,	121.1,	-31.7,	-53.5,
13	12.8,	275.0,	74.5,	0.4,	-47.7,	14	12.8,	283.8,	121.1,	-15.2,	-40.4,
15	12.8,	283.9,	164.1,	-30.3,	-31.9,	16	12.8,	275.4,	202.0,	-44.5,	-22.4,
17	12.8,	258.6,	233.8,	-57.4,	-12.3,	18	12.8,	233.8,	258.6,	-68.5,	-1.8,
19	12.8,	202.0,	275.4,	-77.6,	8.8,	20	12.8,	164.1,	283.9,	-84.3,	19.1,
21	12.8,	121.1,	283.8,	-88.4,	28.8,	22	12.8,	74.5,	275.0,	-89.8,	37.7,
23	12.8,	121.1,	283.8,	-101.5,	45.4,	24	12.8,	164.1,	283.9,	-110.0,	51.7,
25	12.8,	202.0,	275.4,	-115.3,	56.5,	26	12.8,	233.8,	258.6,	-117.0,	59.5,
27	12.8,	258.6,	233.8,	-115.1,	60.7,	28	12.8,	275.4,	202.0,	-109.8,	60.1,
29	12.8,	283.9,	164.1,	-101.1,	57.7,	30	12.8,	283.8,	121.1,	-89.4,	53.5,
31	12.8,	275.0,	74.5,	-74.9,	47.7,	32	12.8,	283.8,	121.1,	-105.9,	40.4,
33	12.8,	283.9,	164.1,	-133.7,	31.9,	34	12.8,	275.4,	202.0,	-157.5,	22.4,
35	12.8,	258.6,	233.8,	-176.4,	12.3,	36	12.8,	233.8,	258.6,	-190.0,	1.8,

SOURCE ID: STCK20

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-190.8,	-12.8,	2	12.8,	164.1,	283.9,	-192.0,	-21.9,
3	12.8,	121.1,	283.8,	-187.4,	-30.2,	4	12.8,	74.5,	275.0,	-177.1,	-37.6,
5	12.8,	121.1,	283.8,	-174.3,	-43.9,	6	12.8,	164.1,	283.9,	-166.2,	-48.9,
7	12.8,	202.0,	275.4,	-153.1,	-52.4,	8	12.8,	233.8,	258.6,	-135.4,	-54.3,
9	12.8,	258.6,	233.8,	-113.5,	-54.5,	10	12.8,	275.4,	202.0,	-88.2,	-53.1,
11	12.8,	283.9,	164.1,	-60.2,	-50.0,	12	12.8,	283.8,	121.1,	-30.3,	-45.5,
13	12.8,	275.0,	74.5,	0.4,	-39.5,	14	12.8,	283.8,	121.1,	-16.6,	-32.4,
15	12.8,	283.9,	164.1,	-33.1,	-24.3,	16	12.8,	275.4,	202.0,	-48.6,	-15.4,
17	12.8,	258.6,	233.8,	-62.7,	-6.1,	18	12.8,	233.8,	258.6,	-74.8,	3.4,
19	12.8,	202.0,	275.4,	-84.6,	12.8,	20	12.8,	164.1,	283.9,	-91.9,	21.9,
21	12.8,	121.1,	283.8,	-96.4,	30.2,	22	12.8,	74.5,	275.0,	-98.0,	37.6,
23	12.8,	121.1,	283.8,	-109.5,	43.9,	24	12.8,	164.1,	283.9,	-117.7,	48.9,
25	12.8,	202.0,	275.4,	-122.3,	52.4,	26	12.8,	233.8,	258.6,	-123.2,	54.3,
27	12.8,	258.6,	233.8,	-120.3,	54.5,	28	12.8,	275.4,	202.0,	-113.8,	53.1,
29	12.8,	283.9,	164.1,	-103.9,	50.0,	30	12.8,	283.8,	121.1,	-90.8,	45.5,
31	12.8,	275.0,	74.5,	-74.9,	39.5,	32	12.8,	283.8,	121.1,	-104.5,	32.4,
33	12.8,	283.9,	164.1,	-130.9,	24.3,	34	12.8,	275.4,	202.0,	-153.4,	15.4,
35	12.8,	258.6,	233.8,	-171.2,	6.1,	36	12.8,	233.8,	258.6,	-183.8,	-3.4,

Model Output - Residential Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK21

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-187.2,	-14.9,	2	12.8,	164.1,	283.9,	-188.1,	-23.2,
3	12.8,	121.1,	283.8,	-183.3,	-30.9,	4	12.8,	74.5,	275.0,	-173.0,	-37.6,
5	12.8,	121.1,	283.8,	-170.3,	-43.2,	6	12.8,	164.1,	283.9,	-162.4,	-47.5,
7	12.8,	202.0,	275.4,	-149.6,	-50.3,	8	12.8,	233.8,	258.6,	-132.2,	-51.6,
9	12.8,	258.6,	233.8,	-110.9,	-51.3,	10	12.8,	275.4,	202.0,	-86.1,	-49.5,
11	12.8,	283.9,	164.1,	-58.8,	-46.2,	12	12.8,	283.8,	121.1,	-29.7,	-41.4,
13	12.8,	275.0,	74.5,	0.4,	-35.4,	14	12.8,	283.8,	121.1,	-17.4,	-28.4,
15	12.8,	283.9,	164.1,	-34.5,	-20.4,	16	12.8,	275.4,	202.0,	-50.7,	-11.9,
17	12.8,	258.6,	233.8,	-65.3,	-3.0,	18	12.8,	233.8,	258.6,	-77.9,	6.0,
19	12.8,	202.0,	275.4,	-88.2,	14.9,	20	12.8,	164.1,	283.9,	-95.8,	23.2,
21	12.8,	121.1,	283.8,	-100.4,	30.9,	22	12.8,	74.5,	275.0,	-102.1,	37.6,
23	12.8,	121.1,	283.8,	-113.5,	43.2,	24	12.8,	164.1,	283.9,	-121.5,	47.5,
25	12.8,	202.0,	275.4,	-125.8,	50.3,	26	12.8,	233.8,	258.6,	-126.3,	51.6,
27	12.8,	258.6,	233.8,	-123.0,	51.3,	28	12.8,	275.4,	202.0,	-115.9,	49.5,
29	12.8,	283.9,	164.1,	-105.2,	46.2,	30	12.8,	283.8,	121.1,	-91.5,	41.4,
31	12.8,	275.0,	74.5,	-74.9,	35.4,	32	12.8,	283.8,	121.1,	-103.8,	28.4,
33	12.8,	283.9,	164.1,	-129.5,	20.4,	34	12.8,	275.4,	202.0,	-151.3,	11.9,
35	12.8,	258.6,	233.8,	-168.5,	3.0,	36	12.8,	233.8,	258.6,	-180.6,	-6.0,

SOURCE ID: STCK22

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-184.1,	-16.9,	2	12.8,	164.1,	283.9,	-184.7,	-24.7,
3	12.8,	121.1,	283.8,	-179.7,	-31.7,	4	12.8,	74.5,	275.0,	-169.3,	-37.8,
5	12.8,	121.1,	283.8,	-166.6,	-42.8,	6	12.8,	164.1,	283.9,	-158.9,	-46.4,
7	12.8,	202.0,	275.4,	-146.3,	-48.6,	8	12.8,	233.8,	258.6,	-129.3,	-49.4,
9	12.8,	258.6,	233.8,	-108.4,	-48.6,	10	12.8,	275.4,	202.0,	-84.1,	-46.4,
11	12.8,	283.9,	164.1,	-57.4,	-42.8,	12	12.8,	283.8,	121.1,	-28.8,	-37.8,
13	12.8,	275.0,	74.5,	0.6,	-31.8,	14	12.8,	283.8,	121.1,	-17.8,	-24.7,
15	12.8,	283.9,	164.1,	-35.6,	-16.9,	16	12.8,	275.4,	202.0,	-52.4,	-8.6,
17	12.8,	258.6,	233.8,	-67.5,	-0.0,	18	12.8,	233.8,	258.6,	-80.6,	8.6,
19	12.8,	202.0,	275.4,	-91.3,	16.9,	20	12.8,	164.1,	283.9,	-99.2,	24.7,
21	12.8,	121.1,	283.8,	-104.0,	31.7,	22	12.8,	74.5,	275.0,	-105.7,	37.8,
23	12.8,	121.1,	283.8,	-117.2,	42.8,	24	12.8,	164.1,	283.9,	-125.0,	46.4,
25	12.8,	202.0,	275.4,	-129.1,	48.6,	26	12.8,	233.8,	258.6,	-129.2,	49.4,
27	12.8,	258.6,	233.8,	-125.5,	48.6,	28	12.8,	275.4,	202.0,	-117.9,	46.4,
29	12.8,	283.9,	164.1,	-106.7,	42.8,	30	12.8,	283.8,	121.1,	-92.3,	37.8,
31	12.8,	275.0,	74.5,	-75.0,	31.8,	32	12.8,	283.8,	121.1,	-103.3,	24.7,
33	12.8,	283.9,	164.1,	-128.4,	16.9,	34	12.8,	275.4,	202.0,	-149.6,	8.6,
35	12.8,	258.6,	233.8,	-166.3,	0.0,	36	12.8,	233.8,	258.6,	-177.9,	-8.6,

Model Output - Residential Receptors

SOURCE ID: STCK23

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-180.1,	-19.0,	2	12.8,	164.1,	283.9,	-180.4,	-26.0,
3	12.8,	121.1,	283.8,	-175.2,	-32.3,	4	12.8,	74.5,	275.0,	-164.7,	-37.6,
5	12.8,	121.1,	283.8,	-162.1,	-41.8,	6	12.8,	164.1,	283.9,	-154.6,	-44.6,
7	12.8,	202.0,	275.4,	-142.4,	-46.2,	8	12.8,	233.8,	258.6,	-125.9,	-46.3,
9	12.8,	258.6,	233.8,	-105.6,	-45.0,	10	12.8,	275.4,	202.0,	-82.0,	-42.3,
11	12.8,	283.9,	164.1,	-56.0,	-38.4,	12	12.8,	283.8,	121.1,	-28.2,	-33.3,
13	12.8,	275.0,	74.5,	0.4,	-27.2,	14	12.8,	283.8,	121.1,	-18.8,	-20.2,
15	12.8,	283.9,	164.1,	-37.4,	-12.7,	16	12.8,	275.4,	202.0,	-54.8,	-4.7,
17	12.8,	258.6,	233.8,	-70.6,	3.3,	18	12.8,	233.8,	258.6,	-84.3,	11.3,
19	12.8,	202.0,	275.4,	-95.3,	19.0,	20	12.8,	164.1,	283.9,	-103.5,	26.0,
21	12.8,	121.1,	283.8,	-108.6,	32.3,	22	12.8,	74.5,	275.0,	-110.3,	37.6,
23	12.8,	121.1,	283.8,	-121.6,	41.8,	24	12.8,	164.1,	283.9,	-129.3,	44.6,
25	12.8,	202.0,	275.4,	-133.0,	46.2,	26	12.8,	233.8,	258.6,	-132.6,	46.3,
27	12.8,	258.6,	233.8,	-128.2,	45.0,	28	12.8,	275.4,	202.0,	-120.0,	42.3,
29	12.8,	283.9,	164.1,	-108.1,	38.4,	30	12.8,	283.8,	121.1,	-92.9,	33.3,
31	12.8,	275.0,	74.5,	-74.9,	27.2,	32	12.8,	283.8,	121.1,	-102.3,	20.2,
33	12.8,	283.9,	164.1,	-126.7,	12.7,	34	12.8,	275.4,	202.0,	-147.2,	4.7,
35	12.8,	258.6,	233.8,	-163.2,	-3.3,	36	12.8,	233.8,	258.6,	-174.3,	-11.3,

SOURCE ID: STCK24

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-176.7,	-20.9,	2	12.8,	164.1,	283.9,	-176.7,	-27.4,
3	12.8,	121.1,	283.8,	-171.4,	-33.0,	4	12.8,	74.5,	275.0,	-160.8,	-37.6,
5	12.8,	121.1,	283.8,	-158.3,	-41.1,	6	12.8,	164.1,	283.9,	-151.0,	-43.3,
7	12.8,	202.0,	275.4,	-139.1,	-44.2,	8	12.8,	233.8,	258.6,	-122.9,	-43.8,
9	12.8,	258.6,	233.8,	-103.1,	-42.0,	10	12.8,	275.4,	202.0,	-80.1,	-39.0,
11	12.8,	283.9,	164.1,	-54.6,	-34.8,	12	12.8,	283.8,	121.1,	-27.6,	-29.5,
13	12.8,	275.0,	74.5,	0.4,	-23.3,	14	12.8,	283.8,	121.1,	-19.5,	-16.4,
15	12.8,	283.9,	164.1,	-38.7,	-9.0,	16	12.8,	275.4,	202.0,	-56.8,	-1.4,
17	12.8,	258.6,	233.8,	-73.1,	6.3,	18	12.8,	233.8,	258.6,	-87.2,	13.9,
19	12.8,	202.0,	275.4,	-98.7,	20.9,	20	12.8,	164.1,	283.9,	-107.2,	27.4,
21	12.8,	121.1,	283.8,	-112.4,	33.0,	22	12.8,	74.5,	275.0,	-114.2,	37.6,
23	12.8,	121.1,	283.8,	-125.5,	41.1,	24	12.8,	164.1,	283.9,	-132.9,	43.3,
25	12.8,	202.0,	275.4,	-136.3,	44.2,	26	12.8,	233.8,	258.6,	-135.6,	43.8,
27	12.8,	258.6,	233.8,	-130.8,	42.0,	28	12.8,	275.4,	202.0,	-121.9,	39.0,
29	12.8,	283.9,	164.1,	-109.4,	34.8,	30	12.8,	283.8,	121.1,	-93.6,	29.5,
31	12.8,	275.0,	74.5,	-74.9,	23.3,	32	12.8,	283.8,	121.1,	-101.6,	16.4,
33	12.8,	283.9,	164.1,	-125.3,	9.0,	34	12.8,	275.4,	202.0,	-145.2,	1.4,
35	12.8,	258.6,	233.8,	-160.7,	-6.3,	36	12.8,	233.8,	258.6,	-171.3,	-13.9,

Model Output - Residential Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK25

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-173.0,	-22.9,	2	12.8,	164.1,	283.9,	-172.8,	-28.7,
3	12.8,	121.1,	283.8,	-167.2,	-33.6,	4	12.8,	74.5,	275.0,	-156.6,	-37.5,
5	12.8,	121.1,	283.8,	-154.2,	-40.3,	6	12.8,	164.1,	283.9,	-147.1,	-41.8,
7	12.8,	202.0,	275.4,	-135.5,	-42.1,	8	12.8,	233.8,	258.6,	-119.8,	-41.0,
9	12.8,	258.6,	233.8,	-100.5,	-38.8,	10	12.8,	275.4,	202.0,	-78.1,	-35.3,
11	12.8,	283.9,	164.1,	-53.3,	-30.8,	12	12.8,	283.8,	121.1,	-26.9,	-25.4,
13	12.8,	275.0,	74.5,	0.3,	-19.1,	14	12.8,	283.8,	121.1,	-20.3,	-12.3,
15	12.8,	283.9,	164.1,	-40.2,	-5.1,	16	12.8,	275.4,	202.0,	-58.9,	2.2,
17	12.8,	258.6,	233.8,	-75.9,	9.5,	18	12.8,	233.8,	258.6,	-90.5,	16.5,
19	12.8,	202.0,	275.4,	-102.4,	22.9,	20	12.8,	164.1,	283.9,	-111.1,	28.7,
21	12.8,	121.1,	283.8,	-116.5,	33.6,	22	12.8,	74.5,	275.0,	-118.4,	37.5,
23	12.8,	121.1,	283.8,	-129.6,	40.3,	24	12.8,	164.1,	283.9,	-136.8,	41.8,
25	12.8,	202.0,	275.4,	-139.9,	42.1,	26	12.8,	233.8,	258.6,	-138.7,	41.0,
27	12.8,	258.6,	233.8,	-133.4,	38.8,	28	12.8,	275.4,	202.0,	-123.9,	35.3,
29	12.8,	283.9,	164.1,	-110.8,	30.8,	30	12.8,	283.8,	121.1,	-94.2,	25.4,
31	12.8,	275.0,	74.5,	-74.8,	19.1,	32	12.8,	283.8,	121.1,	-100.8,	12.3,
33	12.8,	283.9,	164.1,	-123.8,	5.1,	34	12.8,	275.4,	202.0,	-143.1,	-2.2,
35	12.8,	258.6,	233.8,	-158.0,	-9.5,	36	12.8,	233.8,	258.6,	-168.1,	-16.5,

SOURCE ID: STCK26

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-169.5,	-25.2,	2	12.8,	164.1,	283.9,	-168.9,	-30.3,
3	12.8,	121.1,	283.8,	-163.2,	-34.5,	4	12.8,	74.5,	275.0,	-152.5,	-37.7,
5	12.8,	121.1,	283.8,	-150.1,	-39.7,	6	12.8,	164.1,	283.9,	-143.1,	-40.5,
7	12.8,	202.0,	275.4,	-131.8,	-40.1,	8	12.8,	233.8,	258.6,	-116.5,	-38.5,
9	12.8,	258.6,	233.8,	-97.7,	-35.7,	10	12.8,	275.4,	202.0,	-75.8,	-31.8,
11	12.8,	283.9,	164.1,	-51.7,	-27.0,	12	12.8,	283.8,	121.1,	-26.0,	-21.3,
13	12.8,	275.0,	74.5,	0.5,	-15.0,	14	12.8,	283.8,	121.1,	-20.8,	-8.2,
15	12.8,	283.9,	164.1,	-41.5,	-1.2,	16	12.8,	275.4,	202.0,	-60.9,	5.9,
17	12.8,	258.6,	233.8,	-78.4,	12.8,	18	12.8,	233.8,	258.6,	-93.6,	19.2,
19	12.8,	202.0,	275.4,	-105.9,	25.2,	20	12.8,	164.1,	283.9,	-115.0,	30.3,
21	12.8,	121.1,	283.8,	-120.6,	34.5,	22	12.8,	74.5,	275.0,	-122.5,	37.7,
23	12.8,	121.1,	283.8,	-133.7,	39.7,	24	12.8,	164.1,	283.9,	-140.8,	40.5,
25	12.8,	202.0,	275.4,	-143.6,	40.1,	26	12.8,	233.8,	258.6,	-142.0,	38.5,
27	12.8,	258.6,	233.8,	-136.2,	35.7,	28	12.8,	275.4,	202.0,	-126.2,	31.8,
29	12.8,	283.9,	164.1,	-112.3,	27.0,	30	12.8,	283.8,	121.1,	-95.1,	21.3,
31	12.8,	275.0,	74.5,	-74.9,	15.0,	32	12.8,	283.8,	121.1,	-100.3,	8.2,
33	12.8,	283.9,	164.1,	-122.6,	1.2,	34	12.8,	275.4,	202.0,	-141.1,	-5.9,
35	12.8,	258.6,	233.8,	-155.4,	-12.8,	36	12.8,	233.8,	258.6,	-165.0,	-19.2,

Model Output - Residential Receptors

SOURCE ID: STCK27

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-162.6,	-28.9,	2	12.8,	164.1,	283.9,	-161.5,	-32.8,
3	12.8,	121.1,	283.8,	-155.4,	-35.7,	4	12.8,	74.5,	275.0,	-144.6,	-37.5,
5	12.8,	121.1,	283.8,	-142.4,	-38.2,	6	12.8,	164.1,	283.9,	-135.8,	-37.7,
7	12.8,	202.0,	275.4,	-125.1,	-36.0,	8	12.8,	233.8,	258.6,	-110.6,	-33.3,
9	12.8,	258.6,	233.8,	-92.7,	-29.6,	10	12.8,	275.4,	202.0,	-72.1,	-24.9,
11	12.8,	283.9,	164.1,	-49.2,	-19.5,	12	12.8,	283.8,	121.1,	-24.8,	-13.5,
13	12.8,	275.0,	74.5,	0.3,	-7.1,	14	12.8,	283.8,	121.1,	-22.4,	-0.5,
15	12.8,	283.9,	164.1,	-44.3,	6.1,	16	12.8,	275.4,	202.0,	-65.0,	12.6,
17	12.8,	258.6,	233.8,	-83.6,	18.7,	18	12.8,	233.8,	258.6,	-99.7,	24.2,
19	12.8,	202.0,	275.4,	-112.8,	28.9,	20	12.8,	164.1,	283.9,	-122.4,	32.8,
21	12.8,	121.1,	283.8,	-128.4,	35.7,	22	12.8,	74.5,	275.0,	-130.4,	37.5,
23	12.8,	121.1,	283.8,	-141.4,	38.2,	24	12.8,	164.1,	283.9,	-148.1,	37.7,
25	12.8,	202.0,	275.4,	-150.3,	36.0,	26	12.8,	233.8,	258.6,	-148.0,	33.3,
27	12.8,	258.6,	233.8,	-141.1,	29.6,	28	12.8,	275.4,	202.0,	-130.0,	24.9,
29	12.8,	283.9,	164.1,	-114.8,	19.5,	30	12.8,	283.8,	121.1,	-96.3,	13.5,
31	12.8,	275.0,	74.5,	-74.8,	7.1,	32	12.8,	283.8,	121.1,	-98.7,	0.5,
33	12.8,	283.9,	164.1,	-119.7,	-6.1,	34	12.8,	275.4,	202.0,	-137.1,	-12.6,
35	12.8,	258.6,	233.8,	-150.2,	-18.7,	36	12.8,	233.8,	258.6,	-158.8,	-24.2,

SOURCE ID: STCK28

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-159.1,	-31.2,	2	12.8,	164.1,	283.9,	-157.6,	-34.5,
3	12.8,	121.1,	283.8,	-151.3,	-36.7,	4	12.8,	74.5,	275.0,	-140.4,	-37.8,
5	12.8,	121.1,	283.8,	-138.2,	-37.7,	6	12.8,	164.1,	283.9,	-131.8,	-36.5,
7	12.8,	202.0,	275.4,	-121.3,	-34.1,	8	12.8,	233.8,	258.6,	-107.2,	-30.8,
9	12.8,	258.6,	233.8,	-89.9,	-26.5,	10	12.8,	275.4,	202.0,	-69.8,	-21.4,
11	12.8,	283.9,	164.1,	-47.5,	-15.6,	12	12.8,	283.8,	121.1,	-23.9,	-9.4,
13	12.8,	275.0,	74.5,	0.5,	-2.9,	14	12.8,	283.8,	121.1,	-22.9,	3.7,
15	12.8,	283.9,	164.1,	-45.6,	10.2,	16	12.8,	275.4,	202.0,	-66.9,	16.4,
17	12.8,	258.6,	233.8,	-86.1,	22.0,	18	12.8,	233.8,	258.6,	-102.8,	27.1,
19	12.8,	202.0,	275.4,	-116.3,	31.2,	20	12.8,	164.1,	283.9,	-126.3,	34.5,
21	12.8,	121.1,	283.8,	-132.5,	36.7,	22	12.8,	74.5,	275.0,	-134.6,	37.8,
23	12.8,	121.1,	283.8,	-145.6,	37.7,	24	12.8,	164.1,	283.9,	-152.1,	36.5,
25	12.8,	202.0,	275.4,	-154.1,	34.1,	26	12.8,	233.8,	258.6,	-151.3,	30.8,
27	12.8,	258.6,	233.8,	-144.0,	26.5,	28	12.8,	275.4,	202.0,	-132.2,	21.4,
29	12.8,	283.9,	164.1,	-116.5,	15.6,	30	12.8,	283.8,	121.1,	-97.2,	9.4,
31	12.8,	275.0,	74.5,	-75.0,	2.9,	32	12.8,	283.8,	121.1,	-98.2,	-3.7,
33	12.8,	283.9,	164.1,	-118.5,	-10.2,	34	12.8,	275.4,	202.0,	-135.2,	-16.4,
35	12.8,	258.6,	233.8,	-147.7,	-22.0,	36	12.8,	233.8,	258.6,	-155.8,	-27.1,

Model Output - Residential Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK29

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-155.6,	-33.2,	2	12.8,	164.1,	283.9,	-153.9,	-35.8,
3	12.8,	121.1,	283.8,	-147.4,	-37.3,	4	12.8,	74.5,	275.0,	-136.5,	-37.7,
5	12.8,	121.1,	283.8,	-134.3,	-36.9,	6	12.8,	164.1,	283.9,	-128.1,	-35.1,
7	12.8,	202.0,	275.4,	-117.9,	-32.1,	8	12.8,	233.8,	258.6,	-104.2,	-28.2,
9	12.8,	258.6,	233.8,	-87.3,	-23.4,	10	12.8,	275.4,	202.0,	-67.8,	-17.9,
11	12.8,	283.9,	164.1,	-46.2,	-11.9,	12	12.8,	283.8,	121.1,	-23.2,	-5.5,
13	12.8,	275.0,	74.5,	0.5,	1.1,	14	12.8,	283.8,	121.1,	-23.6,	7.6,
15	12.8,	283.9,	164.1,	-47.0,	13.9,	16	12.8,	275.4,	202.0,	-68.9,	19.8,
17	12.8,	258.6,	233.8,	-88.7,	25.1,	18	12.8,	233.8,	258.6,	-105.8,	29.6,
19	12.8,	202.0,	275.4,	-119.8,	33.2,	20	12.8,	164.1,	283.9,	-130.1,	35.8,
21	12.8,	121.1,	283.8,	-136.4,	37.3,	22	12.8,	74.5,	275.0,	-138.6,	37.7,
23	12.8,	121.1,	283.8,	-149.5,	36.9,	24	12.8,	164.1,	283.9,	-155.8,	35.1,
25	12.8,	202.0,	275.4,	-157.5,	32.1,	26	12.8,	233.8,	258.6,	-154.3,	28.2,
27	12.8,	258.6,	233.8,	-146.5,	23.4,	28	12.8,	275.4,	202.0,	-134.2,	17.9,
29	12.8,	283.9,	164.1,	-117.8,	11.9,	30	12.8,	283.8,	121.1,	-97.9,	5.5,
31	12.8,	275.0,	74.5,	-75.0,	-1.1,	32	12.8,	283.8,	121.1,	-97.5,	-7.6,
33	12.8,	283.9,	164.1,	-117.1,	-13.9,	34	12.8,	275.4,	202.0,	-133.1,	-19.8,
35	12.8,	258.6,	233.8,	-145.1,	-25.1,	36	12.8,	233.8,	258.6,	-152.7,	-29.6,

SOURCE ID: STCK30

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-151.6,	-35.3,	2	12.8,	164.1,	283.9,	-149.5,	-37.2,
3	12.8,	121.1,	283.8,	-142.8,	-37.9,	4	12.8,	74.5,	275.0,	-131.9,	-37.5,
5	12.8,	121.1,	283.8,	-129.8,	-36.0,	6	12.8,	164.1,	283.9,	-123.8,	-33.3,
7	12.8,	202.0,	275.4,	-114.1,	-29.7,	8	12.8,	233.8,	258.6,	-100.8,	-25.1,
9	12.8,	258.6,	233.8,	-84.5,	-19.8,	10	12.8,	275.4,	202.0,	-65.7,	-13.9,
11	12.8,	283.9,	164.1,	-44.8,	-7.5,	12	12.8,	283.8,	121.1,	-22.6,	-1.0,
13	12.8,	275.0,	74.5,	0.3,	5.6,	14	12.8,	283.8,	121.1,	-24.6,	12.1,
15	12.8,	283.9,	164.1,	-48.7,	18.1,	16	12.8,	275.4,	202.0,	-71.3,	23.6,
17	12.8,	258.6,	233.8,	-91.8,	28.4,	18	12.8,	233.8,	258.6,	-109.5,	32.4,
19	12.8,	202.0,	275.4,	-123.8,	35.3,	20	12.8,	164.1,	283.9,	-134.4,	37.2,
21	12.8,	121.1,	283.8,	-140.9,	37.9,	22	12.8,	74.5,	275.0,	-143.1,	37.5,
23	12.8,	121.1,	283.8,	-154.0,	36.0,	24	12.8,	164.1,	283.9,	-160.1,	33.3,
25	12.8,	202.0,	275.4,	-161.4,	29.7,	26	12.8,	233.8,	258.6,	-157.7,	25.1,
27	12.8,	258.6,	233.8,	-149.3,	19.8,	28	12.8,	275.4,	202.0,	-136.3,	13.9,
29	12.8,	283.9,	164.1,	-119.2,	7.5,	30	12.8,	283.8,	121.1,	-98.5,	1.0,
31	12.8,	275.0,	74.5,	-74.8,	-5.6,	32	12.8,	283.8,	121.1,	-96.5,	-12.1,
33	12.8,	283.9,	164.1,	-115.3,	-18.1,	34	12.8,	275.4,	202.0,	-130.7,	-23.6,
35	12.8,	258.6,	233.8,	-142.0,	-28.4,	36	12.8,	233.8,	258.6,	-149.1,	-32.4,

Model Output - Residential Receptors

SOURCE ID: STCK31

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-148.0,	-37.5,	2	12.8,	164.1,	283.9,	-145.6,	-38.7,
3	12.8,	121.1,	283.8,	-138.7,	-38.8,	4	12.8,	74.5,	275.0,	-127.6,	-37.6,
5	12.8,	121.1,	283.8,	-125.6,	-35.3,	6	12.8,	164.1,	283.9,	-119.8,	-32.0,
7	12.8,	202.0,	275.4,	-110.4,	-27.7,	8	12.8,	233.8,	258.6,	-97.5,	-22.5,
9	12.8,	258.6,	233.8,	-81.8,	-16.6,	10	12.8,	275.4,	202.0,	-63.5,	-10.3,
11	12.8,	283.9,	164.1,	-43.3,	-3.6,	12	12.8,	283.8,	121.1,	-21.8,	3.2,
13	12.8,	275.0,	74.5,	0.4,	9.9,	14	12.8,	283.8,	121.1,	-25.2,	16.2,
15	12.8,	283.9,	164.1,	-50.0,	22.1,	16	12.8,	275.4,	202.0,	-73.3,	27.4,
17	12.8,	258.6,	233.8,	-94.4,	31.7,	18	12.8,	233.8,	258.6,	-112.6,	35.2,
19	12.8,	202.0,	275.4,	-127.4,	37.5,	20	12.8,	164.1,	283.9,	-138.3,	38.7,
21	12.8,	121.1,	283.8,	-145.1,	38.8,	22	12.8,	74.5,	275.0,	-147.4,	37.6,
23	12.8,	121.1,	283.8,	-158.1,	35.3,	24	12.8,	164.1,	283.9,	-164.1,	32.0,
25	12.8,	202.0,	275.4,	-165.1,	27.7,	26	12.8,	233.8,	258.6,	-161.0,	22.5,
27	12.8,	258.6,	233.8,	-152.1,	16.6,	28	12.8,	275.4,	202.0,	-138.5,	10.3,
29	12.8,	283.9,	164.1,	-120.8,	3.6,	30	12.8,	283.8,	121.1,	-99.3,	-3.2,
31	12.8,	275.0,	74.5,	-74.9,	-9.9,	32	12.8,	283.8,	121.1,	-95.9,	-16.2,
33	12.8,	283.9,	164.1,	-114.0,	-22.1,	34	12.8,	275.4,	202.0,	-128.7,	-27.4,
35	12.8,	258.6,	233.8,	-139.4,	-31.7,	36	12.8,	233.8,	258.6,	-145.9,	-35.2,

SOURCE ID: STCK32

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-144.8,	-39.3,	2	12.8,	164.1,	283.9,	-142.1,	-39.9,
3	12.8,	121.1,	283.8,	-135.1,	-39.4,	4	12.8,	74.5,	275.0,	-124.0,	-37.6,
5	12.8,	121.1,	283.8,	-122.1,	-34.7,	6	12.8,	164.1,	283.9,	-116.4,	-30.7,
7	12.8,	202.0,	275.4,	-107.2,	-25.8,	8	12.8,	233.8,	258.6,	-94.8,	-20.1,
9	12.8,	258.6,	233.8,	-79.4,	-13.8,	10	12.8,	275.4,	202.0,	-61.7,	-7.1,
11	12.8,	283.9,	164.1,	-42.1,	-0.2,	12	12.8,	283.8,	121.1,	-21.2,	6.8,
13	12.8,	275.0,	74.5,	0.4,	13.5,	14	12.8,	283.8,	121.1,	-25.9,	19.8,
15	12.8,	283.9,	164.1,	-51.3,	25.5,	16	12.8,	275.4,	202.0,	-75.2,	30.5,
17	12.8,	258.6,	233.8,	-96.8,	34.5,	18	12.8,	233.8,	258.6,	-115.4,	37.5,
19	12.8,	202.0,	275.4,	-130.6,	39.3,	20	12.8,	164.1,	283.9,	-141.8,	39.9,
21	12.8,	121.1,	283.8,	-148.6,	39.4,	22	12.8,	74.5,	275.0,	-151.0,	37.6,
23	12.8,	121.1,	283.8,	-161.7,	34.7,	24	12.8,	164.1,	283.9,	-167.5,	30.7,
25	12.8,	202.0,	275.4,	-168.2,	25.8,	26	12.8,	233.8,	258.6,	-163.8,	20.1,
27	12.8,	258.6,	233.8,	-154.4,	13.8,	28	12.8,	275.4,	202.0,	-140.3,	7.1,
29	12.8,	283.9,	164.1,	-122.0,	0.2,	30	12.8,	283.8,	121.1,	-99.9,	-6.8,
31	12.8,	275.0,	74.5,	-74.8,	-13.5,	32	12.8,	283.8,	121.1,	-95.2,	-19.8,
33	12.8,	283.9,	164.1,	-112.8,	-25.5,	34	12.8,	275.4,	202.0,	-126.8,	-30.5,
35	12.8,	258.6,	233.8,	-137.1,	-34.5,	36	12.8,	233.8,	258.6,	-143.1,	-37.5,

Model Output - Residential Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK33

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-141.1,	-41.6,	2	12.8,	164.1,	283.9,	-138.1,	-41.5,
3	12.8,	121.1,	283.8,	-130.9,	-40.2,	4	12.8,	74.5,	275.0,	-119.7,	-37.7,
5	12.8,	121.1,	283.8,	-117.8,	-34.0,	6	12.8,	164.1,	283.9,	-112.3,	-29.4,
7	12.8,	202.0,	275.4,	-103.4,	-23.8,	8	12.8,	233.8,	258.6,	-91.4,	-17.4,
9	12.8,	258.6,	233.8,	-76.5,	-10.6,	10	12.8,	275.4,	202.0,	-59.4,	-3.4,
11	12.8,	283.9,	164.1,	-40.5,	3.9,	12	12.8,	283.8,	121.1,	-20.3,	11.0,
13	12.8,	275.0,	74.5,	0.5,	17.8,	14	12.8,	283.8,	121.1,	-26.5,	24.1,
15	12.8,	283.9,	164.1,	-52.7,	29.7,	16	12.8,	275.4,	202.0,	-77.2,	34.3,
17	12.8,	258.6,	233.8,	-99.5,	37.9,	18	12.8,	233.8,	258.6,	-118.7,	40.4,
19	12.8,	202.0,	275.4,	-134.3,	41.6,	20	12.8,	164.1,	283.9,	-145.8,	41.5,
21	12.8,	121.1,	283.8,	-152.9,	40.2,	22	12.8,	74.5,	275.0,	-155.3,	37.7,
23	12.8,	121.1,	283.8,	-166.0,	34.0,	24	12.8,	164.1,	283.9,	-171.6,	29.4,
25	12.8,	202.0,	275.4,	-172.0,	23.8,	26	12.8,	233.8,	258.6,	-167.2,	17.4,
27	12.8,	258.6,	233.8,	-157.3,	10.6,	28	12.8,	275.4,	202.0,	-142.6,	3.4,
29	12.8,	283.9,	164.1,	-123.6,	-3.9,	30	12.8,	283.8,	121.1,	-100.8,	-11.0,
31	12.8,	275.0,	74.5,	-75.0,	-17.8,	32	12.8,	283.8,	121.1,	-94.6,	-24.1,
33	12.8,	283.9,	164.1,	-111.4,	-29.7,	34	12.8,	275.4,	202.0,	-124.8,	-34.3,
35	12.8,	258.6,	233.8,	-134.4,	-37.9,	36	12.8,	233.8,	258.6,	-139.9,	-40.4,

SOURCE ID: STCK34

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-134.2,	-45.5,	2	12.8,	164.1,	283.9,	-130.6,	-44.2,
3	12.8,	121.1,	283.8,	-123.0,	-41.5,	4	12.8,	74.5,	275.0,	-111.7,	-37.6,
5	12.8,	121.1,	283.8,	-110.0,	-32.6,	6	12.8,	164.1,	283.9,	-104.9,	-26.5,
7	12.8,	202.0,	275.4,	-96.6,	-19.7,	8	12.8,	233.8,	258.6,	-85.3,	-12.3,
9	12.8,	258.6,	233.8,	-71.5,	-4.4,	10	12.8,	275.4,	202.0,	-55.5,	3.5,
11	12.8,	283.9,	164.1,	-37.9,	11.4,	12	12.8,	283.8,	121.1,	-19.0,	18.8,
13	12.8,	275.0,	74.5,	0.4,	25.8,	14	12.8,	283.8,	121.1,	-28.0,	31.9,
15	12.8,	283.9,	164.1,	-55.5,	37.1,	16	12.8,	275.4,	202.0,	-81.3,	41.1,
17	12.8,	258.6,	233.8,	-104.7,	43.9,	18	12.8,	233.8,	258.6,	-124.8,	45.4,
19	12.8,	202.0,	275.4,	-141.2,	45.5,	20	12.8,	164.1,	283.9,	-153.3,	44.2,
21	12.8,	121.1,	283.8,	-160.7,	41.5,	22	12.8,	74.5,	275.0,	-163.3,	37.6,
23	12.8,	121.1,	283.8,	-173.8,	32.6,	24	12.8,	164.1,	283.9,	-179.0,	26.5,
25	12.8,	202.0,	275.4,	-178.8,	19.7,	26	12.8,	233.8,	258.6,	-173.2,	12.3,
27	12.8,	258.6,	233.8,	-162.3,	4.4,	28	12.8,	275.4,	202.0,	-146.5,	-3.5,
29	12.8,	283.9,	164.1,	-126.2,	-11.4,	30	12.8,	283.8,	121.1,	-102.1,	-18.8,
31	12.8,	275.0,	74.5,	-74.9,	-25.8,	32	12.8,	283.8,	121.1,	-93.1,	-31.9,
33	12.8,	283.9,	164.1,	-108.6,	-37.1,	34	12.8,	275.4,	202.0,	-120.7,	-41.1,
35	12.8,	258.6,	233.8,	-129.2,	-43.9,	36	12.8,	233.8,	258.6,	-133.7,	-45.4,

Model Output - Residential Receptors

SOURCE ID: STCK35

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-130.6,	-47.6,	2	12.8,	164.1,	283.9,	-126.7,	-45.6,
3	12.8,	121.1,	283.8,	-119.0,	-42.3,	4	12.8,	74.5,	275.0,	-107.6,	-37.7,
5	12.8,	121.1,	283.8,	-105.9,	-31.9,	6	12.8,	164.1,	283.9,	-101.0,	-25.2,
7	12.8,	202.0,	275.4,	-93.0,	-17.7,	8	12.8,	233.8,	258.6,	-82.1,	-9.6,
9	12.8,	258.6,	233.8,	-68.8,	-1.3,	10	12.8,	275.4,	202.0,	-53.4,	7.1,
11	12.8,	283.9,	164.1,	-36.4,	15.2,	12	12.8,	283.8,	121.1,	-18.3,	22.9,
13	12.8,	275.0,	74.5,	0.4,	29.9,	14	12.8,	283.8,	121.1,	-28.7,	36.0,
15	12.8,	283.9,	164.1,	-56.9,	41.0,	16	12.8,	275.4,	202.0,	-83.3,	44.8,
17	12.8,	258.6,	233.8,	-107.3,	47.1,	18	12.8,	233.8,	258.6,	-128.0,	48.1,
19	12.8,	202.0,	275.4,	-144.8,	47.6,	20	12.8,	164.1,	283.9,	-157.2,	45.6,
21	12.8,	121.1,	283.8,	-164.8,	42.3,	22	12.8,	74.5,	275.0,	-167.4,	37.7,
23	12.8,	121.1,	283.8,	-177.9,	31.9,	24	12.8,	164.1,	283.9,	-183.0,	25.2,
25	12.8,	202.0,	275.4,	-182.5,	17.7,	26	12.8,	233.8,	258.6,	-176.4,	9.6,
27	12.8,	258.6,	233.8,	-165.0,	1.3,	28	12.8,	275.4,	202.0,	-148.6,	-7.1,
29	12.8,	283.9,	164.1,	-127.6,	-15.2,	30	12.8,	283.8,	121.1,	-102.8,	-22.9,
31	12.8,	275.0,	74.5,	-74.9,	-29.9,	32	12.8,	283.8,	121.1,	-92.5,	-36.0,
33	12.8,	283.9,	164.1,	-107.2,	-41.0,	34	12.8,	275.4,	202.0,	-118.7,	-44.8,
35	12.8,	258.6,	233.8,	-126.5,	-47.1,	36	12.8,	233.8,	258.6,	-130.6,	-48.1,

SOURCE ID: STCK36

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-127.0,	-49.7,	2	12.8,	164.1,	283.9,	-122.8,	-47.1,
3	12.8,	121.1,	283.8,	-114.9,	-43.0,	4	12.8,	74.5,	275.0,	-103.4,	-37.7,
5	12.8,	121.1,	283.8,	-101.8,	-31.2,	6	12.8,	164.1,	283.9,	-97.0,	-23.8,
7	12.8,	202.0,	275.4,	-89.3,	-15.6,	8	12.8,	233.8,	258.6,	-78.9,	-7.0,
9	12.8,	258.6,	233.8,	-66.1,	1.9,	10	12.8,	275.4,	202.0,	-51.3,	10.7,
11	12.8,	283.9,	164.1,	-34.9,	19.1,	12	12.8,	283.8,	121.1,	-17.5,	27.0,
13	12.8,	275.0,	74.5,	0.5,	34.1,	14	12.8,	283.8,	121.1,	-29.4,	40.1,
15	12.8,	283.9,	164.1,	-58.3,	44.9,	16	12.8,	275.4,	202.0,	-85.4,	48.3,
17	12.8,	258.6,	233.8,	-110.0,	50.3,	18	12.8,	233.8,	258.6,	-131.2,	50.8,
19	12.8,	202.0,	275.4,	-148.4,	49.7,	20	12.8,	164.1,	283.9,	-161.1,	47.1,
21	12.8,	121.1,	283.8,	-168.9,	43.0,	22	12.8,	74.5,	275.0,	-171.6,	37.7,
23	12.8,	121.1,	283.8,	-182.0,	31.2,	24	12.8,	164.1,	283.9,	-186.9,	23.8,
25	12.8,	202.0,	275.4,	-186.1,	15.6,	26	12.8,	233.8,	258.6,	-179.6,	7.0,
27	12.8,	258.6,	233.8,	-167.7,	-1.9,	28	12.8,	275.4,	202.0,	-150.7,	-10.7,
29	12.8,	283.9,	164.1,	-129.1,	-19.1,	30	12.8,	283.8,	121.1,	-103.6,	-27.0,
31	12.8,	275.0,	74.5,	-74.9,	-34.1,	32	12.8,	283.8,	121.1,	-91.8,	-40.1,
33	12.8,	283.9,	164.1,	-105.8,	-44.9,	34	12.8,	275.4,	202.0,	-116.6,	-48.3,
35	12.8,	258.6,	233.8,	-123.9,	-50.3,	36	12.8,	233.8,	258.6,	-127.4,	-50.8,

Model Output - Residential Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK37

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-123.9,	-51.4,	2	12.8,	164.1,	283.9,	-119.4,	-48.2,
3	12.8,	121.1,	283.8,	-111.3,	-43.6,	4	12.8,	74.5,	275.0,	-99.8,	-37.6,
5	12.8,	121.1,	283.8,	-98.3,	-30.5,	6	12.8,	164.1,	283.9,	-93.7,	-22.5,
7	12.8,	202.0,	275.4,	-86.3,	-13.8,	8	12.8,	233.8,	258.6,	-76.2,	-4.6,
9	12.8,	258.6,	233.8,	-63.9,	4.7,	10	12.8,	275.4,	202.0,	-49.6,	13.8,
11	12.8,	283.9,	164.1,	-33.8,	22.5,	12	12.8,	283.8,	121.1,	-17.0,	30.6,
13	12.8,	275.0,	74.5,	0.4,	37.6,	14	12.8,	283.8,	121.1,	-30.1,	43.6,
15	12.8,	283.9,	164.1,	-59.6,	48.2,	16	12.8,	275.4,	202.0,	-87.3,	51.4,
17	12.8,	258.6,	233.8,	-112.3,	53.0,	18	12.8,	233.8,	258.6,	-133.9,	53.0,
19	12.8,	202.0,	275.4,	-151.5,	51.4,	20	12.8,	164.1,	283.9,	-164.5,	48.2,
21	12.8,	121.1,	283.8,	-172.4,	43.6,	22	12.8,	74.5,	275.0,	-175.2,	37.6,
23	12.8,	121.1,	283.8,	-185.5,	30.5,	24	12.8,	164.1,	283.9,	-190.2,	22.5,
25	12.8,	202.0,	275.4,	-189.1,	13.8,	26	12.8,	233.8,	258.6,	-182.3,	4.6,
27	12.8,	258.6,	233.8,	-169.9,	-4.7,	28	12.8,	275.4,	202.0,	-152.4,	-13.8,
29	12.8,	283.9,	164.1,	-130.2,	-22.5,	30	12.8,	283.8,	121.1,	-104.1,	-30.6,
31	12.8,	275.0,	74.5,	-74.9,	-37.6,	32	12.8,	283.8,	121.1,	-91.1,	-43.6,
33	12.8,	283.9,	164.1,	-104.5,	-48.2,	34	12.8,	275.4,	202.0,	-114.8,	-51.4,
35	12.8,	258.6,	233.8,	-121.5,	-53.0,	36	12.8,	233.8,	258.6,	-124.6,	-53.0,

SOURCE ID: STCK38

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-120.1,	-53.6,	2	12.8,	164.1,	283.9,	-115.3,	-49.8,
3	12.8,	121.1,	283.8,	-107.0,	-44.4,	4	12.8,	74.5,	275.0,	-95.4,	-37.7,
5	12.8,	121.1,	283.8,	-93.9,	-29.8,	6	12.8,	164.1,	283.9,	-89.5,	-21.0,
7	12.8,	202.0,	275.4,	-82.4,	-11.6,	8	12.8,	233.8,	258.6,	-72.8,	-1.8,
9	12.8,	258.6,	233.8,	-61.0,	8.0,	10	12.8,	275.4,	202.0,	-47.3,	17.6,
11	12.8,	283.9,	164.1,	-32.2,	26.7,	12	12.8,	283.8,	121.1,	-16.2,	34.9,
13	12.8,	275.0,	74.5,	0.4,	42.1,	14	12.8,	283.8,	121.1,	-30.8,	48.0,
15	12.8,	283.9,	164.1,	-61.0,	52.4,	16	12.8,	275.4,	202.0,	-89.4,	55.3,
17	12.8,	258.6,	233.8,	-115.1,	56.4,	18	12.8,	233.8,	258.6,	-137.3,	55.9,
19	12.8,	202.0,	275.4,	-155.3,	53.6,	20	12.8,	164.1,	283.9,	-168.6,	49.8,
21	12.8,	121.1,	283.8,	-176.8,	44.4,	22	12.8,	74.5,	275.0,	-179.6,	37.7,
23	12.8,	121.1,	283.8,	-189.9,	29.8,	24	12.8,	164.1,	283.9,	-194.4,	21.0,
25	12.8,	202.0,	275.4,	-193.0,	11.6,	26	12.8,	233.8,	258.6,	-185.7,	1.8,
27	12.8,	258.6,	233.8,	-172.8,	-8.0,	28	12.8,	275.4,	202.0,	-154.7,	-17.6,
29	12.8,	283.9,	164.1,	-131.8,	-26.7,	30	12.8,	283.8,	121.1,	-105.0,	-34.9,
31	12.8,	275.0,	74.5,	-74.9,	-42.1,	32	12.8,	283.8,	121.1,	-90.3,	-48.0,
33	12.8,	283.9,	164.1,	-103.0,	-52.4,	34	12.8,	275.4,	202.0,	-112.6,	-55.3,
35	12.8,	258.6,	233.8,	-118.7,	-56.4,	36	12.8,	233.8,	258.6,	-121.3,	-55.9,

Model Output - Residential Receptors

SOURCE ID: STCK39

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-116.3,	-55.9,	2	12.8,	164.1,	283.9,	-111.2,	-51.3,
3	12.8,	121.1,	283.8,	-102.6,	-45.2,	4	12.8,	74.5,	275.0,	-91.0,	-37.7,
5	12.8,	121.1,	283.8,	-89.5,	-29.1,	6	12.8,	164.1,	283.9,	-85.4,	-19.6,
7	12.8,	202.0,	275.4,	-78.6,	-9.4,	8	12.8,	233.8,	258.6,	-69.4,	1.0,
9	12.8,	258.6,	233.8,	-58.1,	11.4,	10	12.8,	275.4,	202.0,	-45.1,	21.4,
11	12.8,	283.9,	164.1,	-30.7,	30.8,	12	12.8,	283.8,	121.1,	-15.3,	39.2,
13	12.8,	275.0,	74.5,	0.5,	46.5,	14	12.8,	283.8,	121.1,	-31.5,	52.3,
15	12.8,	283.9,	164.1,	-62.5,	56.6,	16	12.8,	275.4,	202.0,	-91.6,	59.1,
17	12.8,	258.6,	233.8,	-117.9,	59.9,	18	12.8,	233.8,	258.6,	-140.6,	58.8,
19	12.8,	202.0,	275.4,	-159.1,	55.9,	20	12.8,	164.1,	283.9,	-172.7,	51.3,
21	12.8,	121.1,	283.8,	-181.1,	45.2,	22	12.8,	74.5,	275.0,	-184.0,	37.7,
23	12.8,	121.1,	283.8,	-194.2,	29.1,	24	12.8,	164.1,	283.9,	-198.5,	19.6,
25	12.8,	202.0,	275.4,	-196.8,	9.4,	26	12.8,	233.8,	258.6,	-189.1,	-1.0,
27	12.8,	258.6,	233.8,	-175.7,	-11.4,	28	12.8,	275.4,	202.0,	-156.9,	-21.4,
29	12.8,	283.9,	164.1,	-133.4,	-30.8,	30	12.8,	283.8,	121.1,	-105.8,	-39.2,
31	12.8,	275.0,	74.5,	-75.0,	-46.5,	32	12.8,	283.8,	121.1,	-89.6,	-52.3,
33	12.8,	283.9,	164.1,	-101.6,	-56.6,	34	12.8,	275.4,	202.0,	-110.4,	-59.1,
35	12.8,	258.6,	233.8,	-115.9,	-59.9,	36	12.8,	233.8,	258.6,	-117.9,	-58.8,

SOURCE ID: STCK40

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-113.1,	-57.7,	2	12.8,	164.1,	283.9,	-107.7,	-52.5,
3	12.8,	121.1,	283.8,	-99.0,	-45.8,	4	12.8,	74.5,	275.0,	-87.3,	-37.6,
5	12.8,	121.1,	283.8,	-85.9,	-28.4,	6	12.8,	164.1,	283.9,	-81.9,	-18.2,
7	12.8,	202.0,	275.4,	-75.4,	-7.5,	8	12.8,	233.8,	258.6,	-66.6,	3.4,
9	12.8,	258.6,	233.8,	-55.8,	14.3,	10	12.8,	275.4,	202.0,	-43.3,	24.7,
11	12.8,	283.9,	164.1,	-29.5,	34.3,	12	12.8,	283.8,	121.1,	-14.8,	42.9,
13	12.8,	275.0,	74.5,	0.4,	50.2,	14	12.8,	283.8,	121.1,	-32.2,	56.0,
15	12.8,	283.9,	164.1,	-63.8,	60.0,	16	12.8,	275.4,	202.0,	-93.5,	62.3,
17	12.8,	258.6,	233.8,	-120.3,	62.6,	18	12.8,	233.8,	258.6,	-143.5,	61.1,
19	12.8,	202.0,	275.4,	-162.4,	57.7,	20	12.8,	164.1,	283.9,	-176.2,	52.5,
21	12.8,	121.1,	283.8,	-184.8,	45.8,	22	12.8,	74.5,	275.0,	-187.7,	37.6,
23	12.8,	121.1,	283.8,	-197.9,	28.4,	24	12.8,	164.1,	283.9,	-202.0,	18.2,
25	12.8,	202.0,	275.4,	-200.0,	7.5,	26	12.8,	233.8,	258.6,	-191.9,	-3.4,
27	12.8,	258.6,	233.8,	-178.0,	-14.3,	28	12.8,	275.4,	202.0,	-158.7,	-24.7,
29	12.8,	283.9,	164.1,	-134.6,	-34.3,	30	12.8,	283.8,	121.1,	-106.3,	-42.9,
31	12.8,	275.0,	74.5,	-74.9,	-50.2,	32	12.8,	283.8,	121.1,	-88.9,	-56.0,
33	12.8,	283.9,	164.1,	-100.2,	-60.0,	34	12.8,	275.4,	202.0,	-108.5,	-62.3,
35	12.8,	258.6,	233.8,	-113.5,	-62.6,	36	12.8,	233.8,	258.6,	-115.0,	-61.1,

Model Output - Residential Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK41

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-106.2,	-61.7,	2	12.8,	164.1,	283.9,	-100.2,	-55.3,
3	12.8,	121.1,	283.8,	-91.2,	-47.2,	4	12.8,	74.5,	275.0,	-79.4,	-37.7,
5	12.8,	121.1,	283.8,	-78.1,	-27.0,	6	12.8,	164.1,	283.9,	-74.5,	-15.5,
7	12.8,	202.0,	275.4,	-68.5,	-3.6,	8	12.8,	233.8,	258.6,	-60.5,	8.5,
9	12.8,	258.6,	233.8,	-50.7,	20.3,	10	12.8,	275.4,	202.0,	-39.3,	31.5,
11	12.8,	283.9,	164.1,	-26.7,	41.7,	12	12.8,	283.8,	121.1,	-13.4,	50.7,
13	12.8,	275.0,	74.5,	0.4,	58.1,	14	12.8,	283.8,	121.1,	-33.5,	63.8,
15	12.8,	283.9,	164.1,	-66.5,	67.5,	16	12.8,	275.4,	202.0,	-97.4,	69.2,
17	12.8,	258.6,	233.8,	-125.4,	68.7,	18	12.8,	233.8,	258.6,	-149.6,	66.2,
19	12.8,	202.0,	275.4,	-169.2,	61.7,	20	12.8,	164.1,	283.9,	-183.7,	55.3,
21	12.8,	121.1,	283.8,	-192.6,	47.2,	22	12.8,	74.5,	275.0,	-195.6,	37.7,
23	12.8,	121.1,	283.8,	-205.7,	27.0,	24	12.8,	164.1,	283.9,	-209.5,	15.5,
25	12.8,	202.0,	275.4,	-206.9,	3.6,	26	12.8,	233.8,	258.6,	-198.0,	-8.5,
27	12.8,	258.6,	233.8,	-183.1,	-20.3,	28	12.8,	275.4,	202.0,	-162.7,	-31.5,
29	12.8,	283.9,	164.1,	-137.3,	-41.7,	30	12.8,	283.8,	121.1,	-107.8,	-50.7,
31	12.8,	275.0,	74.5,	-74.9,	-58.1,	32	12.8,	283.8,	121.1,	-87.6,	-63.8,
33	12.8,	283.9,	164.1,	-97.6,	-67.5,	34	12.8,	275.4,	202.0,	-104.6,	-69.2,
35	12.8,	258.6,	233.8,	-108.4,	-68.7,	36	12.8,	233.8,	258.6,	-109.0,	-66.2,

SOURCE ID: STCK42

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-102.2,	-64.0,	2	12.8,	164.1,	283.9,	-95.9,	-56.9,
3	12.8,	121.1,	283.8,	-86.6,	-48.0,	4	12.8,	74.5,	275.0,	-74.8,	-37.7,
5	12.8,	121.1,	283.8,	-73.5,	-26.2,	6	12.8,	164.1,	283.9,	-70.1,	-14.0,
7	12.8,	202.0,	275.4,	-64.5,	-1.3,	8	12.8,	233.8,	258.6,	-57.0,	11.5,
9	12.8,	258.6,	233.8,	-47.7,	23.8,	10	12.8,	275.4,	202.0,	-37.0,	35.5,
11	12.8,	283.9,	164.1,	-25.2,	46.1,	12	12.8,	283.8,	121.1,	-12.6,	55.2,
13	12.8,	275.0,	74.5,	0.4,	62.7,	14	12.8,	283.8,	121.1,	-34.3,	68.3,
15	12.8,	283.9,	164.1,	-68.1,	71.8,	16	12.8,	275.4,	202.0,	-99.7,	73.2,
17	12.8,	258.6,	233.8,	-128.4,	72.3,	18	12.8,	233.8,	258.6,	-153.1,	69.2,
19	12.8,	202.0,	275.4,	-173.2,	64.0,	20	12.8,	164.1,	283.9,	-188.0,	56.9,
21	12.8,	121.1,	283.8,	-197.1,	48.0,	22	12.8,	74.5,	275.0,	-200.2,	37.7,
23	12.8,	121.1,	283.8,	-210.2,	26.2,	24	12.8,	164.1,	283.9,	-213.8,	14.0,
25	12.8,	202.0,	275.4,	-210.9,	1.3,	26	12.8,	233.8,	258.6,	-201.6,	-11.5,
27	12.8,	258.6,	233.8,	-186.1,	-23.8,	28	12.8,	275.4,	202.0,	-165.0,	-35.5,
29	12.8,	283.9,	164.1,	-138.9,	-46.1,	30	12.8,	283.8,	121.1,	-108.6,	-55.2,
31	12.8,	275.0,	74.5,	-74.9,	-62.7,	32	12.8,	283.8,	121.1,	-86.8,	-68.3,
33	12.8,	283.9,	164.1,	-96.0,	-71.8,	34	12.8,	275.4,	202.0,	-102.3,	-73.2,
35	12.8,	258.6,	233.8,	-105.5,	-72.3,	36	12.8,	233.8,	258.6,	-105.4,	-69.2,

Model Output - Residential Receptors

SOURCE ID: STCK43

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-98.9,	-66.0,	2	12.8,	164.1,	283.9,	-92.3,	-58.2,
3	12.8,	121.1,	283.8,	-82.9,	-48.7,	4	12.8,	74.5,	275.0,	-71.0,	-37.8,
5	12.8,	121.1,	283.8,	-69.8,	-25.6,	6	12.8,	164.1,	283.9,	-66.5,	-12.7,
7	12.8,	202.0,	275.4,	-61.2,	0.6,	8	12.8,	233.8,	258.6,	-54.0,	13.9,
9	12.8,	258.6,	233.8,	-45.2,	26.7,	10	12.8,	275.4,	202.0,	-35.0,	38.8,
11	12.8,	283.9,	164.1,	-23.8,	49.6,	12	12.8,	283.8,	121.1,	-11.8,	59.0,
13	12.8,	275.0,	74.5,	0.5,	66.6,	14	12.8,	283.8,	121.1,	-34.9,	72.1,
15	12.8,	283.9,	164.1,	-69.3,	75.5,	16	12.8,	275.4,	202.0,	-101.6,	76.5,
17	12.8,	258.6,	233.8,	-130.8,	75.2,	18	12.8,	233.8,	258.6,	-156.0,	71.7,
19	12.8,	202.0,	275.4,	-176.5,	66.0,	20	12.8,	164.1,	283.9,	-191.6,	58.2,
21	12.8,	121.1,	283.8,	-200.9,	48.7,	22	12.8,	74.5,	275.0,	-204.1,	37.8,
23	12.8,	121.1,	283.8,	-214.0,	25.6,	24	12.8,	164.1,	283.9,	-217.4,	12.7,
25	12.8,	202.0,	275.4,	-214.2,	-0.6,	26	12.8,	233.8,	258.6,	-204.5,	-13.9,
27	12.8,	258.6,	233.8,	-188.6,	-26.7,	28	12.8,	275.4,	202.0,	-167.0,	-38.8,
29	12.8,	283.9,	164.1,	-140.3,	-49.6,	30	12.8,	283.8,	121.1,	-109.3,	-59.0,
31	12.8,	275.0,	74.5,	-75.0,	-66.6,	32	12.8,	283.8,	121.1,	-86.2,	-72.1,
33	12.8,	283.9,	164.1,	-94.7,	-75.5,	34	12.8,	275.4,	202.0,	-100.4,	-76.5,
35	12.8,	258.6,	233.8,	-103.1,	-75.2,	36	12.8,	233.8,	258.6,	-102.6,	-71.7,

SOURCE ID: STCK44

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-95.3,	-68.0,	2	12.8,	164.1,	283.9,	-88.4,	-59.6,
3	12.8,	121.1,	283.8,	-78.8,	-49.4,	4	12.8,	74.5,	275.0,	-66.8,	-37.7,
5	12.8,	121.1,	283.8,	-65.7,	-24.8,	6	12.8,	164.1,	283.9,	-62.6,	-11.2,
7	12.8,	202.0,	275.4,	-57.6,	2.8,	8	12.8,	233.8,	258.6,	-50.9,	16.6,
9	12.8,	258.6,	233.8,	-42.6,	30.0,	10	12.8,	275.4,	202.0,	-33.0,	42.4,
11	12.8,	283.9,	164.1,	-22.4,	53.6,	12	12.8,	283.8,	121.1,	-11.2,	63.1,
13	12.8,	275.0,	74.5,	0.4,	70.7,	14	12.8,	283.8,	121.1,	-35.8,	76.2,
15	12.8,	283.9,	164.1,	-70.8,	79.3,	16	12.8,	275.4,	202.0,	-103.8,	80.1,
17	12.8,	258.6,	233.8,	-133.5,	78.4,	18	12.8,	233.8,	258.6,	-159.2,	74.3,
19	12.8,	202.0,	275.4,	-180.1,	68.0,	20	12.8,	164.1,	283.9,	-195.5,	59.6,
21	12.8,	121.1,	283.8,	-205.0,	49.4,	22	12.8,	74.5,	275.0,	-208.2,	37.7,
23	12.8,	121.1,	283.8,	-218.1,	24.8,	24	12.8,	164.1,	283.9,	-221.3,	11.2,
25	12.8,	202.0,	275.4,	-217.8,	-2.8,	26	12.8,	233.8,	258.6,	-207.7,	-16.6,
27	12.8,	258.6,	233.8,	-191.2,	-30.0,	28	12.8,	275.4,	202.0,	-169.0,	-42.4,
29	12.8,	283.9,	164.1,	-141.6,	-53.6,	30	12.8,	283.8,	121.1,	-109.9,	-63.1,
31	12.8,	275.0,	74.5,	-74.9,	-70.7,	32	12.8,	283.8,	121.1,	-85.4,	-76.2,
33	12.8,	283.9,	164.1,	-93.2,	-79.3,	34	12.8,	275.4,	202.0,	-98.3,	-80.1,
35	12.8,	258.6,	233.8,	-100.3,	-78.4,	36	12.8,	233.8,	258.6,	-99.3,	-74.3,

Model Output - Residential Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK45

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-91.8,	-70.0,	2	12.8,	164.1,	283.9,	-84.6,	-61.0,
3	12.8,	121.1,	283.8,	-74.8,	-50.1,	4	12.8,	74.5,	275.0,	-62.8,	-37.7,
5	12.8,	121.1,	283.8,	-61.7,	-24.1,	6	12.8,	164.1,	283.9,	-58.8,	-9.8,
7	12.8,	202.0,	275.4,	-54.1,	4.8,	8	12.8,	233.8,	258.6,	-47.8,	19.2,
9	12.8,	258.6,	233.8,	-40.0,	33.0,	10	12.8,	275.4,	202.0,	-31.0,	45.9,
11	12.8,	283.9,	164.1,	-21.1,	57.4,	12	12.8,	283.8,	121.1,	-10.5,	67.1,
13	12.8,	275.0,	74.5,	0.4,	74.8,	14	12.8,	283.8,	121.1,	-36.4,	80.2,
15	12.8,	283.9,	164.1,	-72.2,	83.1,	16	12.8,	275.4,	202.0,	-105.8,	83.6,
17	12.8,	258.6,	233.8,	-136.1,	81.5,	18	12.8,	233.8,	258.6,	-162.3,	76.9,
19	12.8,	202.0,	275.4,	-183.6,	70.0,	20	12.8,	164.1,	283.9,	-199.3,	61.0,
21	12.8,	121.1,	283.8,	-209.0,	50.1,	22	12.8,	74.5,	275.0,	-212.3,	37.7,
23	12.8,	121.1,	283.8,	-222.0,	24.1,	24	12.8,	164.1,	283.9,	-225.1,	9.8,
25	12.8,	202.0,	275.4,	-221.3,	-4.8,	26	12.8,	233.8,	258.6,	-210.8,	-19.2,
27	12.8,	258.6,	233.8,	-193.8,	-33.0,	28	12.8,	275.4,	202.0,	-171.0,	-45.9,
29	12.8,	283.9,	164.1,	-143.0,	-57.4,	30	12.8,	283.8,	121.1,	-110.6,	-67.1,
31	12.8,	275.0,	74.5,	-74.9,	-74.8,	32	12.8,	283.8,	121.1,	-84.7,	-80.2,
33	12.8,	283.9,	164.1,	-91.9,	-83.1,	34	12.8,	275.4,	202.0,	-96.3,	-83.6,
35	12.8,	258.6,	233.8,	-97.7,	-81.5,	36	12.8,	233.8,	258.6,	-96.2,	-76.9,

SOURCE ID: STCK46

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-88.4,	-72.0,	2	12.8,	164.1,	283.9,	-80.9,	-62.3,
3	12.8,	121.1,	283.8,	-71.0,	-50.8,	4	12.8,	74.5,	275.0,	-58.9,	-37.7,
5	12.8,	121.1,	283.8,	-57.9,	-23.5,	6	12.8,	164.1,	283.9,	-55.1,	-8.5,
7	12.8,	202.0,	275.4,	-50.7,	6.7,	8	12.8,	233.8,	258.6,	-44.8,	21.7,
9	12.8,	258.6,	233.8,	-37.5,	36.0,	10	12.8,	275.4,	202.0,	-29.0,	49.3,
11	12.8,	283.9,	164.1,	-19.7,	61.0,	12	12.8,	283.8,	121.1,	-9.8,	70.9,
13	12.8,	275.0,	74.5,	0.5,	78.6,	14	12.8,	283.8,	121.1,	-37.1,	84.0,
15	12.8,	283.9,	164.1,	-73.5,	86.8,	16	12.8,	275.4,	202.0,	-107.7,	87.0,
17	12.8,	258.6,	233.8,	-138.6,	84.5,	18	12.8,	233.8,	258.6,	-165.3,	79.4,
19	12.8,	202.0,	275.4,	-187.0,	72.0,	20	12.8,	164.1,	283.9,	-203.0,	62.3,
21	12.8,	121.1,	283.8,	-212.8,	50.8,	22	12.8,	74.5,	275.0,	-216.2,	37.7,
23	12.8,	121.1,	283.8,	-225.9,	23.5,	24	12.8,	164.1,	283.9,	-228.8,	8.5,
25	12.8,	202.0,	275.4,	-224.7,	-6.7,	26	12.8,	233.8,	258.6,	-213.8,	-21.7,
27	12.8,	258.6,	233.8,	-196.4,	-36.0,	28	12.8,	275.4,	202.0,	-173.0,	-49.3,
29	12.8,	283.9,	164.1,	-144.4,	-61.0,	30	12.8,	283.8,	121.1,	-111.3,	-70.9,
31	12.8,	275.0,	74.5,	-75.0,	-78.6,	32	12.8,	283.8,	121.1,	-84.0,	-84.0,
33	12.8,	283.9,	164.1,	-90.6,	-86.8,	34	12.8,	275.4,	202.0,	-94.3,	-87.0,
35	12.8,	258.6,	233.8,	-95.2,	-84.5,	36	12.8,	233.8,	258.6,	-93.3,	-79.4,

Model Output - Residential Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(402815.6,	3756829.0,	48.3,	48.3,	0.0);	(402835.6,	3756829.0,	48.4,	48.4,	0.0);
(402795.6,	3756849.0,	48.1,	48.1,	0.0);	(402815.6,	3756849.0,	48.2,	48.2,	0.0);
(402835.6,	3756849.0,	48.2,	48.2,	0.0);	(402855.6,	3756849.0,	48.2,	48.2,	0.0);
(402775.6,	3756869.0,	48.1,	48.1,	0.0);	(402815.6,	3756869.0,	48.0,	48.0,	0.0);
(402835.6,	3756869.0,	48.1,	48.1,	0.0);	(402855.6,	3756869.0,	48.3,	48.3,	0.0);
(402875.6,	3756869.0,	48.0,	48.0,	0.0);	(402735.6,	3756889.0,	48.4,	48.4,	0.0);
(402755.6,	3756889.0,	48.0,	48.0,	0.0);	(402775.6,	3756889.0,	47.9,	47.9,	0.0);
(402795.6,	3756889.0,	47.9,	47.9,	0.0);	(402815.6,	3756889.0,	47.8,	47.8,	0.0);
(402835.6,	3756889.0,	47.9,	47.9,	0.0);	(402855.6,	3756889.0,	48.1,	48.1,	0.0);
(402875.6,	3756889.0,	47.9,	47.9,	0.0);	(402895.6,	3756889.0,	47.7,	47.7,	0.0);
(402715.6,	3756909.0,	48.1,	48.1,	0.0);	(402735.6,	3756909.0,	48.1,	48.1,	0.0);
(402755.6,	3756909.0,	47.9,	47.9,	0.0);	(402775.6,	3756909.0,	47.8,	47.8,	0.0);
(402795.6,	3756909.0,	47.8,	47.8,	0.0);	(402815.6,	3756909.0,	47.7,	47.7,	0.0);
(402835.6,	3756909.0,	47.6,	47.6,	0.0);	(402855.6,	3756909.0,	47.8,	47.8,	0.0);
(402875.6,	3756909.0,	47.9,	47.9,	0.0);	(402895.6,	3756909.0,	47.5,	47.5,	0.0);
(402695.6,	3756929.0,	47.9,	47.9,	0.0);	(402715.6,	3756929.0,	48.0,	48.0,	0.0);
(402735.6,	3756929.0,	48.0,	48.0,	0.0);	(402755.6,	3756929.0,	47.8,	47.8,	0.0);
(402775.6,	3756929.0,	47.7,	47.7,	0.0);	(402795.6,	3756929.0,	47.6,	47.6,	0.0);
(402815.6,	3756929.0,	47.6,	47.6,	0.0);	(402835.6,	3756929.0,	47.5,	47.5,	0.0);
(402855.6,	3756929.0,	47.6,	47.6,	0.0);	(402875.6,	3756929.0,	47.6,	47.6,	0.0);
(402895.6,	3756929.0,	47.5,	47.5,	0.0);	(402915.6,	3756929.0,	47.1,	47.1,	0.0);
(402655.6,	3756949.0,	47.6,	47.6,	0.0);	(402675.6,	3756949.0,	47.8,	47.8,	0.0);
(402695.6,	3756949.0,	47.8,	47.8,	0.0);	(402715.6,	3756949.0,	47.8,	47.8,	0.0);
(402735.6,	3756949.0,	47.8,	47.8,	0.0);	(402755.6,	3756949.0,	47.8,	47.8,	0.0);
(402775.6,	3756949.0,	47.6,	47.6,	0.0);	(402795.6,	3756949.0,	47.5,	47.5,	0.0);
(402815.6,	3756949.0,	47.5,	47.5,	0.0);	(402835.6,	3756949.0,	47.5,	47.5,	0.0);
(402855.6,	3756949.0,	47.4,	47.4,	0.0);	(402875.6,	3756949.0,	47.4,	47.4,	0.0);
(402895.6,	3756949.0,	47.3,	47.3,	0.0);	(402915.6,	3756949.0,	47.0,	47.0,	0.0);
(402935.6,	3756949.0,	46.2,	46.2,	0.0);	(402635.6,	3756969.0,	47.4,	47.4,	0.0);
(402655.6,	3756969.0,	47.4,	47.4,	0.0);	(402675.6,	3756969.0,	47.6,	47.6,	0.0);
(402695.6,	3756969.0,	47.6,	47.6,	0.0);	(402715.6,	3756969.0,	47.7,	47.7,	0.0);
(402735.6,	3756969.0,	47.8,	47.8,	0.0);	(402755.6,	3756969.0,	47.7,	47.7,	0.0);
(402775.6,	3756969.0,	47.6,	47.6,	0.0);	(402795.6,	3756969.0,	47.5,	47.5,	0.0);
(402815.6,	3756969.0,	47.5,	47.5,	0.0);	(402835.6,	3756969.0,	47.5,	47.5,	0.0);
(402855.6,	3756969.0,	47.3,	47.3,	0.0);	(402875.6,	3756969.0,	47.1,	47.1,	0.0);
(402895.6,	3756969.0,	46.9,	46.9,	0.0);	(402915.6,	3756969.0,	46.8,	46.8,	0.0);
(402935.6,	3756969.0,	46.3,	46.3,	0.0);	(402955.6,	3756969.0,	45.3,	45.3,	0.0);
(402619.7,	3756987.0,	47.3,	47.3,	0.0);	(402635.6,	3756989.0,	47.3,	47.3,	0.0);
(402655.6,	3756989.0,	47.4,	47.4,	0.0);	(402675.6,	3756989.0,	47.4,	47.4,	0.0);
(402695.6,	3756989.0,	47.5,	47.5,	0.0);	(402715.6,	3756989.0,	47.6,	47.6,	0.0);
(402735.6,	3756989.0,	47.7,	47.7,	0.0);	(402755.6,	3756989.0,	47.8,	47.8,	0.0);
(402775.6,	3756989.0,	47.6,	47.6,	0.0);	(402795.6,	3756989.0,	47.5,	47.5,	0.0);

Model Output - Residential Receptors

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( 402815.6, 3756989.0,      47.5,      47.5,       0.0);        ( 402835.6, 3756989.0,      47.3,      47.3,       0.0);
( 402855.6, 3756989.0,      46.9,      46.9,       0.0);        ( 402875.6, 3756989.0,      47.1,      47.1,       0.0);
( 402895.6, 3756989.0,      47.3,      47.3,       0.0);        ( 402915.6, 3756989.0,      47.1,      47.1,       0.0);
( 402935.6, 3756989.0,      46.2,      46.2,       0.0);        ( 402955.6, 3756989.0,      45.1,      45.1,       0.0);
( 402635.6, 3757009.0,      47.2,      47.2,       0.0);        ( 402655.6, 3757009.0,      47.3,      47.3,       0.0);
( 402675.6, 3757009.0,      47.3,      47.3,       0.0);        ( 402695.6, 3757009.0,      47.4,      47.4,       0.0);
( 402715.6, 3757009.0,      47.5,      47.5,       0.0);        ( 402735.6, 3757009.0,      47.6,      47.6,       0.0);
( 402755.6, 3757009.0,      47.9,      47.9,       0.0);        ( 402775.6, 3757009.0,      47.7,      47.7,       0.0);
( 402795.6, 3757009.0,      47.5,      47.5,       0.0);        ( 402815.6, 3757009.0,      47.2,      47.2,       0.0);
( 402835.6, 3757009.0,      47.0,      47.0,       0.0);        ( 402855.6, 3757009.0,      46.8,      46.8,       0.0);
( 402875.6, 3757009.0,      47.2,      47.2,       0.0);        ( 402895.6, 3757009.0,      47.3,      47.3,       0.0);
( 402915.6, 3757009.0,      46.8,      46.8,       0.0);        ( 402935.6, 3757009.0,      45.8,      45.8,       0.0);
( 402955.6, 3757009.0,      44.8,      44.8,       0.0);        ( 402975.6, 3757009.0,      44.0,      44.0,       0.0);
( 402655.6, 3757029.0,      47.2,      47.2,       0.0);        ( 402675.6, 3757029.0,      47.3,      47.3,       0.0);
( 402695.6, 3757029.0,      47.4,      47.4,       0.0);        ( 402715.6, 3757029.0,      47.4,      47.4,       0.0);
( 402735.6, 3757029.0,      47.5,      47.5,       0.0);        ( 402755.6, 3757029.0,      47.5,      47.5,       0.0);
( 402775.6, 3757029.0,      47.6,      47.6,       0.0);        ( 402795.6, 3757029.0,      47.3,      47.3,       0.0);
( 402815.6, 3757029.0,      46.8,      46.8,       0.0);        ( 402835.6, 3757029.0,      46.7,      46.7,       0.0);
( 402855.6, 3757029.0,      47.2,      47.2,       0.0);        ( 402875.6, 3757029.0,      47.5,      47.5,       0.0);
( 402895.6, 3757029.0,      46.8,      46.8,       0.0);        ( 402915.6, 3757029.0,      45.4,      45.4,       0.0);
( 402935.6, 3757029.0,      45.0,      45.0,       0.0);        ( 402955.6, 3757029.0,      44.1,      44.1,       0.0);
( 402975.6, 3757029.0,      43.8,      43.8,       0.0);        ( 402675.6, 3757049.0,      47.1,      47.1,       0.0);
( 402695.6, 3757049.0,      47.2,      47.2,       0.0);        ( 402715.6, 3757049.0,      47.2,      47.2,       0.0);
( 402735.6, 3757049.0,      47.3,      47.3,       0.0);        ( 402755.6, 3757049.0,      47.3,      47.3,       0.0);
( 402775.6, 3757049.0,      47.4,      47.4,       0.0);        ( 402795.6, 3757049.0,      47.1,      47.1,       0.0);
( 402815.6, 3757049.0,      46.8,      46.8,       0.0);        ( 402835.6, 3757049.0,      46.6,      46.6,       0.0);
( 402855.6, 3757049.0,      47.1,      47.1,       0.0);        ( 402875.6, 3757049.0,      47.0,      47.0,       0.0);
( 402895.6, 3757049.0,      46.3,      46.3,       0.0);        ( 402915.6, 3757049.0,      45.3,      45.3,       0.0);
( 402935.6, 3757049.0,      44.5,      44.5,       0.0);        ( 402955.6, 3757049.0,      44.1,      44.1,       0.0);
( 402975.6, 3757049.0,      44.1,      44.1,       0.0);        ( 402695.6, 3757069.0,      46.9,      46.9,       0.0);
( 402715.6, 3757069.0,      47.0,      47.0,       0.0);        ( 402735.6, 3757069.0,      47.1,      47.1,       0.0);
( 402755.6, 3757069.0,      47.2,      47.2,       0.0);        ( 402775.6, 3757069.0,      47.1,      47.1,       0.0);
( 402795.6, 3757069.0,      47.1,      47.1,       0.0);        ( 402815.6, 3757069.0,      46.9,      46.9,       0.0);
( 402835.6, 3757069.0,      46.6,      46.6,       0.0);        ( 402855.6, 3757069.0,      46.8,      46.8,       0.0);
( 402875.6, 3757069.0,      46.5,      46.5,       0.0);        ( 402895.6, 3757069.0,      46.0,      46.0,       0.0);
( 402915.6, 3757069.0,      45.4,      45.4,       0.0);        ( 402935.6, 3757069.0,      44.4,      44.4,       0.0);
( 402955.6, 3757069.0,      44.4,      44.4,       0.0);        ( 402975.6, 3757069.0,      44.3,      44.3,       0.0);
( 402699.0, 3757084.9,      46.9,      46.9,       0.0);        ( 402715.6, 3757089.0,      46.9,      46.9,       0.0);
( 402735.6, 3757089.0,      46.9,      46.9,       0.0);        ( 402755.6, 3757089.0,      46.9,      46.9,       0.0);
( 402775.6, 3757089.0,      47.1,      47.1,       0.0);        ( 402795.6, 3757089.0,      47.1,      47.1,       0.0);
( 402815.6, 3757089.0,      46.9,      46.9,       0.0);        ( 402835.6, 3757089.0,      46.5,      46.5,       0.0);
( 402855.6, 3757089.0,      46.6,      46.6,       0.0);        ( 402875.6, 3757089.0,      46.6,      46.6,       0.0);
( 402895.6, 3757089.0,      46.1,      46.1,       0.0);        ( 402915.6, 3757089.0,      45.1,      45.1,       0.0);
( 402935.6, 3757089.0,      45.0,      45.0,       0.0);        ( 402955.6, 3757089.0,      44.9,      44.9,       0.0);
( 402975.6, 3757089.0,      44.2,      44.2,       0.0);        ( 402715.6, 3757109.0,      46.7,      46.7,       0.0);
( 402735.6, 3757109.0,      46.8,      46.8,       0.0);        ( 402755.6, 3757109.0,      46.8,      46.8,       0.0);
( 402775.6, 3757109.0,      46.9,      46.9,       0.0);        ( 402795.6, 3757109.0,      46.9,      46.9,       0.0);
( 402815.6, 3757109.0,      46.8,      46.8,       0.0);        ( 402835.6, 3757109.0,      46.6,      46.6,       0.0);
```

Model Output - Residential Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(402855.6,	3757109.0,	46.4,	46.4,	0.0);	(402875.6,	3757109.0,	46.3,	46.3,	0.0);
(402895.6,	3757109.0,	46.0,	46.0,	0.0);	(402915.6,	3757109.0,	45.5,	45.5,	0.0);
(402935.6,	3757109.0,	45.5,	45.5,	0.0);	(402955.6,	3757109.0,	45.0,	45.0,	0.0);
(402975.6,	3757109.0,	44.2,	44.2,	0.0);	(402735.6,	3757129.0,	46.6,	46.6,	0.0);
(402755.6,	3757129.0,	46.6,	46.6,	0.0);	(402775.6,	3757129.0,	46.7,	46.7,	0.0);
(402795.6,	3757129.0,	46.7,	46.7,	0.0);	(402815.6,	3757129.0,	46.6,	46.6,	0.0);
(402835.6,	3757129.0,	46.6,	46.6,	0.0);	(402855.6,	3757129.0,	46.3,	46.3,	0.0);
(402875.6,	3757129.0,	46.1,	46.1,	0.0);	(402895.6,	3757129.0,	46.0,	46.0,	0.0);
(402915.6,	3757129.0,	46.0,	46.0,	0.0);	(402935.6,	3757129.0,	45.8,	45.8,	0.0);
(402955.6,	3757129.0,	45.0,	45.0,	0.0);	(402975.6,	3757129.0,	44.2,	44.2,	0.0);
(402755.6,	3757149.0,	46.5,	46.5,	0.0);	(402775.6,	3757149.0,	46.6,	46.6,	0.0);
(402795.6,	3757149.0,	46.6,	46.6,	0.0);	(402815.6,	3757149.0,	46.5,	46.5,	0.0);
(402835.6,	3757149.0,	46.5,	46.5,	0.0);	(402855.6,	3757149.0,	46.6,	46.6,	0.0);
(402875.6,	3757149.0,	46.5,	46.5,	0.0);	(402895.6,	3757149.0,	46.3,	46.3,	0.0);
(402915.6,	3757149.0,	46.1,	46.1,	0.0);	(402935.6,	3757149.0,	45.6,	45.6,	0.0);
(402955.6,	3757149.0,	44.8,	44.8,	0.0);	(402975.6,	3757149.0,	44.1,	44.1,	0.0);
(402775.6,	3757169.0,	46.4,	46.4,	0.0);	(402795.6,	3757169.0,	46.4,	46.4,	0.0);
(402815.6,	3757169.0,	46.4,	46.4,	0.0);	(402835.6,	3757169.0,	46.4,	46.4,	0.0);
(402855.6,	3757169.0,	46.4,	46.4,	0.0);	(402875.6,	3757169.0,	46.4,	46.4,	0.0);
(402895.6,	3757169.0,	46.2,	46.2,	0.0);	(402915.6,	3757169.0,	45.9,	45.9,	0.0);
(402935.6,	3757169.0,	45.5,	45.5,	0.0);	(402955.6,	3757169.0,	44.7,	44.7,	0.0);
(402975.6,	3757169.0,	44.2,	44.2,	0.0);	(402795.6,	3757189.0,	46.3,	46.3,	0.0);
(402815.6,	3757189.0,	46.3,	46.3,	0.0);	(402835.6,	3757189.0,	46.2,	46.2,	0.0);
(402855.6,	3757189.0,	46.1,	46.1,	0.0);	(402875.6,	3757189.0,	45.9,	45.9,	0.0);
(402895.6,	3757189.0,	45.8,	45.8,	0.0);	(402915.6,	3757189.0,	45.6,	45.6,	0.0);
(402935.6,	3757189.0,	45.2,	45.2,	0.0);	(402955.6,	3757189.0,	44.5,	44.5,	0.0);
(402815.6,	3757209.0,	46.1,	46.1,	0.0);	(402835.6,	3757209.0,	46.0,	46.0,	0.0);
(402855.6,	3757209.0,	45.9,	45.9,	0.0);	(402875.6,	3757209.0,	45.8,	45.8,	0.0);
(402895.6,	3757209.0,	45.4,	45.4,	0.0);	(402915.6,	3757209.0,	45.0,	45.0,	0.0);
(402935.6,	3757209.0,	44.9,	44.9,	0.0);	(402815.6,	3757229.0,	45.9,	45.9,	0.0);
(402835.6,	3757229.0,	45.8,	45.8,	0.0);	(402855.6,	3757229.0,	45.8,	45.8,	0.0);
(402875.6,	3757229.0,	45.6,	45.6,	0.0);	(402895.6,	3757229.0,	45.3,	45.3,	0.0);
(402835.6,	3757249.0,	45.7,	45.7,	0.0);	(402855.6,	3757249.0,	45.6,	45.6,	0.0);
(402875.6,	3757249.0,	45.4,	45.4,	0.0);	(402855.6,	3757269.0,	45.3,	45.3,	0.0);

```
*** AERMOD - VERSION  18081 ***   *** HRA - Santa Fe Springs Warehouse                                         ***        09/24/19
*** AERMET - VERSION  16216 ***   *** Residential Receptors                                                    ***        16:09:05
                                                                                                                          PAGE  27
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                    *** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
                                                                       (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1  1 1 1 1 1

               NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.


                                                  *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
                                                                     (METERS/SEC)

                                                          1.54,    3.09,    5.14,    8.23,   10.80,
```

Model Output - Residential Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: ..\met data\PICO_v9.SFC Met Version: 16216
Profile file: ..\met data\PICO_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3166 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2010 Year: 2010

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
10	01	01	1	01	-38.6	0.384	-9.000	-9.000	-999.	572.	162.4	0.34	0.73	1.00	3.10	321.	9.1	283.8	5.5
10	01	01	1	02	-33.5	0.333	-9.000	-9.000	-999.	462.	121.8	0.34	0.73	1.00	2.70	217.	9.1	282.5	5.5
10	01	01	1	03	-21.9	0.218	-9.000	-9.000	-999.	251.	52.2	0.34	0.73	1.00	1.80	290.	9.1	282.5	5.5
10	01	01	1	04	-27.1	0.269	-9.000	-9.000	-999.	334.	79.5	0.34	0.73	1.00	2.20	255.	9.1	282.0	5.5
10	01	01	1	05	-21.9	0.218	-9.000	-9.000	-999.	245.	52.2	0.34	0.73	1.00	1.80	234.	9.1	282.0	5.5
10	01	01	1	06	-27.1	0.269	-9.000	-9.000	-999.	334.	79.5	0.34	0.73	1.00	2.20	258.	9.1	282.0	5.5
10	01	01	1	07	-27.2	0.269	-9.000	-9.000	-999.	334.	79.5	0.34	0.73	1.00	2.20	213.	9.1	281.4	5.5
10	01	01	1	08	-22.6	0.335	-9.000	-9.000	-999.	466.	151.7	0.34	0.73	0.54	2.70	215.	9.1	282.0	5.5
10	01	01	1	09	26.9	0.249	0.347	0.008	56.	302.	-51.9	0.34	0.73	0.32	1.80	199.	9.1	284.2	5.5
10	01	01	1	10	65.3	0.365	0.593	0.008	116.	529.	-67.5	0.34	0.73	0.24	2.70	117.	9.1	288.1	5.5
10	01	01	1	11	94.5	0.374	0.933	0.008	311.	550.	-50.3	0.34	0.73	0.21	2.70	243.	9.1	290.4	5.5
10	01	01	1	12	103.9	0.279	1.087	0.008	448.	359.	-19.0	0.34	0.73	0.20	1.80	130.	9.1	293.1	5.5
10	01	01	1	13	83.7	0.273	1.073	0.008	533.	343.	-22.0	0.34	0.73	0.20	1.80	282.	9.1	294.9	5.5
10	01	01	1	14	82.0	0.218	1.112	0.008	606.	245.	-11.4	0.34	0.73	0.21	1.30	290.	9.1	295.9	5.5
10	01	01	1	15	38.9	0.202	0.881	0.008	636.	217.	-19.0	0.34	0.73	0.25	1.30	192.	9.1	294.9	5.5
10	01	01	1	16	11.4	0.181	0.588	0.008	643.	185.	-47.4	0.34	0.73	0.33	1.30	218.	9.1	293.8	5.5
10	01	01	1	17	-10.7	0.155	-9.000	-9.000	-999.	147.	31.4	0.34	0.73	0.60	1.30	255.	9.1	292.0	5.5
10	01	01	1	18	-5.5	0.104	-9.000	-9.000	-999.	81.	18.6	0.34	0.73	1.00	0.90	129.	9.1	289.2	5.5
10	01	01	1	19	-11.8	0.154	-9.000	-9.000	-999.	145.	27.8	0.34	0.73	1.00	1.30	264.	9.1	287.5	5.5
10	01	01	1	20	-11.8	0.154	-9.000	-9.000	-999.	144.	27.8	0.34	0.73	1.00	1.30	25.	9.1	287.0	5.5
10	01	01	1	21	-21.6	0.218	-9.000	-9.000	-999.	244.	52.2	0.34	0.73	1.00	1.80	343.	9.1	285.9	5.5
10	01	01	1	22	-21.7	0.218	-9.000	-9.000	-999.	244.	52.2	0.34	0.73	1.00	1.80	332.	9.1	284.9	5.5
10	01	01	1	23	-21.7	0.218	-9.000	-9.000	-999.	244.	52.2	0.34	0.73	1.00	1.80	178.	9.1	284.2	5.5
10	01	01	1	24	-11.8	0.154	-9.000	-9.000	-999.	145.	27.6	0.34	0.73	1.00	1.30	28.	9.1	283.1	5.5

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
10	01	01	01	5.5	0	-999.	-99.00	283.8	99.0	-99.00	-99.00
10	01	01	01	9.1	1	321.	3.10	-999.0	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

Model Output - Residential Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
OFF-SITE	1ST HIGHEST VALUE IS	0.00198 AT (402619.70, 3756986.99, 47.28, 47.28, 0.00)	DC	
	2ND HIGHEST VALUE IS	0.00187 AT (402635.60, 3757009.04, 47.25, 47.25, 0.00)	DC	
	3RD HIGHEST VALUE IS	0.00135 AT (402635.60, 3756989.04, 47.31, 47.31, 0.00)	DC	
	4TH HIGHEST VALUE IS	0.00115 AT (402655.60, 3757029.04, 47.19, 47.19, 0.00)	DC	
	5TH HIGHEST VALUE IS	0.00107 AT (402635.60, 3756969.04, 47.36, 47.36, 0.00)	DC	
	6TH HIGHEST VALUE IS	0.00104 AT (402655.60, 3757009.04, 47.30, 47.30, 0.00)	DC	
	7TH HIGHEST VALUE IS	0.00089 AT (402655.60, 3756989.04, 47.37, 47.37, 0.00)	DC	
	8TH HIGHEST VALUE IS	0.00077 AT (402655.60, 3756969.04, 47.45, 47.45, 0.00)	DC	
	9TH HIGHEST VALUE IS	0.00069 AT (402675.60, 3757029.04, 47.32, 47.32, 0.00)	DC	
	10TH HIGHEST VALUE IS	0.00069 AT (402655.60, 3756949.04, 47.62, 47.62, 0.00)	DC	
ON-SITE	1ST HIGHEST VALUE IS	0.00052 AT (402699.02, 3757084.94, 46.86, 46.86, 0.00)	DC	
	2ND HIGHEST VALUE IS	0.00052 AT (402715.60, 3757109.04, 46.74, 46.74, 0.00)	DC	
	3RD HIGHEST VALUE IS	0.00049 AT (402735.60, 3757129.04, 46.64, 46.64, 0.00)	DC	
	4TH HIGHEST VALUE IS	0.00049 AT (402675.60, 3757049.04, 47.14, 47.14, 0.00)	DC	
	5TH HIGHEST VALUE IS	0.00048 AT (402695.60, 3757069.04, 46.95, 46.95, 0.00)	DC	
	6TH HIGHEST VALUE IS	0.00047 AT (402715.60, 3757089.04, 46.88, 46.88, 0.00)	DC	
	7TH HIGHEST VALUE IS	0.00047 AT (402755.60, 3757149.04, 46.50, 46.50, 0.00)	DC	
	8TH HIGHEST VALUE IS	0.00046 AT (402655.60, 3757029.04, 47.19, 47.19, 0.00)	DC	
	9TH HIGHEST VALUE IS	0.00046 AT (402635.60, 3757009.04, 47.25, 47.25, 0.00)	DC	
	10TH HIGHEST VALUE IS	0.00045 AT (402735.60, 3757109.04, 46.76, 46.76, 0.00)	DC	
IDLING	1ST HIGHEST VALUE IS	0.00053 AT (402655.60, 3757029.04, 47.19, 47.19, 0.00)	DC	
	2ND HIGHEST VALUE IS	0.00050 AT (402655.60, 3757009.04, 47.30, 47.30, 0.00)	DC	
	3RD HIGHEST VALUE IS	0.00050 AT (402635.60, 3757009.04, 47.25, 47.25, 0.00)	DC	
	4TH HIGHEST VALUE IS	0.00048 AT (402675.60, 3757029.04, 47.32, 47.32, 0.00)	DC	
	5TH HIGHEST VALUE IS	0.00048 AT (402675.60, 3757049.04, 47.14, 47.14, 0.00)	DC	
	6TH HIGHEST VALUE IS	0.00046 AT (402655.60, 3756989.04, 47.37, 47.37, 0.00)	DC	
	7TH HIGHEST VALUE IS	0.00046 AT (402635.60, 3756989.04, 47.31, 47.31, 0.00)	DC	
	8TH HIGHEST VALUE IS	0.00044 AT (402699.02, 3757084.94, 46.86, 46.86, 0.00)	DC	
	9TH HIGHEST VALUE IS	0.00044 AT (402675.60, 3757009.04, 47.32, 47.32, 0.00)	DC	
	10TH HIGHEST VALUE IS	0.00043 AT (402695.60, 3757069.04, 46.95, 46.95, 0.00)	DC	
ALL	1ST HIGHEST VALUE IS	0.00283 AT (402635.60, 3757009.04, 47.25, 47.25, 0.00)	DC	
	2ND HIGHEST VALUE IS	0.00282 AT (402619.70, 3756986.99, 47.28, 47.28, 0.00)	DC	
	3RD HIGHEST VALUE IS	0.00220 AT (402635.60, 3756989.04, 47.31, 47.31, 0.00)	DC	
	4TH HIGHEST VALUE IS	0.00215 AT (402655.60, 3757029.04, 47.19, 47.19, 0.00)	DC	
	5TH HIGHEST VALUE IS	0.00193 AT (402655.60, 3757009.04, 47.30, 47.30, 0.00)	DC	
	6TH HIGHEST VALUE IS	0.00180 AT (402635.60, 3756969.04, 47.36, 47.36, 0.00)	DC	
	7TH HIGHEST VALUE IS	0.00168 AT (402655.60, 3756989.04, 47.37, 47.37, 0.00)	DC	
	8TH HIGHEST VALUE IS	0.00159 AT (402675.60, 3757049.04, 47.14, 47.14, 0.00)	DC	
	9TH HIGHEST VALUE IS	0.00157 AT (402675.60, 3757029.04, 47.32, 47.32, 0.00)	DC	
	10TH HIGHEST VALUE IS	0.00147 AT (402655.60, 3756969.04, 47.45, 47.45, 0.00)	DC	

Model Output - Residential Receptors

```
*** RECEPTOR TYPES:  GC = GRIDCART
                     GP = GRIDPOLR
                     DC = DISCCART
                     DP = DISCPOLR


*** AERMOD - VERSION  18081 ***   *** HRA - Santa Fe Springs Warehouse                                  ***        09/24/19
*** AERMET - VERSION  16216 ***   *** Residential Receptors                                            ***        16:09:05
                                                                                                                PAGE  46
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

*** Message Summary : AERMOD Model Execution ***

 --------- Summary of Total Messages --------

A Total of            0 Fatal Error Message(s)
A Total of           50 Warning Message(s)
A Total of         1277 Informational Message(s)

A Total of        43848 Hours Were Processed

A Total of          152 Calm Hours Identified

A Total of         1125 Missing Hours Identified (  2.57 Percent)


   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
SO W320     342        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     343        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     344        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     345        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     346        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     347        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     348        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     349        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     350        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     351        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     352        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     353        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     354        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     355        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     356        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     357        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     358        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     359        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     360        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
```

Model Output - Residential Receptors

```
SO W320     361        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     362        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     363        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     364        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     365        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     366        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     367        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     368        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     369        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     370        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     371        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     372        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     373        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     374        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     375        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     376        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     377        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     378        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     379        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     380        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     381        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     382        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     383        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     384        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     385        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     386        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     387        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
ME W186    2051       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187    2051       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:     15010101
MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:   2 year gap

   ************************************
   *** AERMOD Finishes Successfully ***
   ************************************
```

Results Summary

HRA - Santa Fe Springs Warehouse
School Receptors

Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00093	ug/m^3	402530.49	3757144.73	47.93	0.00	50.07	

Concentration - Source Group: IDLING

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00024	ug/m^3	402546.88	3757139.49	47.05	0.00	50.07	

Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00079	ug/m^3	402486.88	3757179.49	47.70	0.00	51.92	

Concentration - Source Group: TRUCKRTE

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00013	ug/m^3	402631.47	3757062.44	46.98	0.00	46.98	

Model Output - High School Receptors

```
*** AERMOD - VERSION  18081 ***   *** HRA - Santa Fe Springs Warehouse                                  ***        09/25/19
*** AERMET - VERSION  16216 ***   *** School Receptors                                                  ***        10:07:08
                                                                                                                 PAGE   1
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                        ***     MODEL SETUP OPTIONS SUMMARY       ***
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

**Model Is Setup For Calculation of Average CONCentration Values.

  --  DEPOSITION LOGIC  --
**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
**Model Uses NO WET DEPLETION.  WETDPLT  =  F

**Model Uses URBAN Dispersion Algorithm for the SBL for   157 Source(s),
  for Total of    1 Urban Area(s):
  Urban Population =   9818605.0 ;  Urban Roughness Length =  1.000 m

**Model Uses Regulatory DEFAULT Options:
        1. Stack-tip Downwash.
        2. Model Accounts for ELEVated Terrain Effects.
        3. Use Calms Processing Routine.
        4. Use Missing Data Processing Routine.
        5. No Exponential Decay.
        6. Urban Roughness Length of 1.0 Meter Assumed.

**Other Options Specified:
        ADJ_U*   - Use ADJ_U* option for SBL in AERMET
        TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of:  OTHER

**Model Calculates PERIOD Averages Only

**This Run Includes:    157 Source(s);       4 Source Group(s); and     192 Receptor(s)

               with:     46 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    110 VOLUME source(s)
                 and:      1 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with      0 line(s)


**Model Set To Continue RUNning After the Setup Testing.
```

Model Output - High School Receptors

```
**The AERMET Input Meteorological Data Version Date:  16216

**Output Options Selected:
         Model Outputs Tables of PERIOD Averages by Receptor
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                m for Missing Hours
                                                                b for Both Calm and Missing Hours

**Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    58.00 ;  Decay Coef. =    0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                                ;  Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

**Approximate Storage Requirements of Model =      4.0 MB of RAM.

**Input Runstream File:          aermod.inp
**Output Print File:             aermod.out

**Detailed Error/Message File:   CPP_school.err
**File for Summary of Results:   CPP_school.sum
```

Model Output - High School Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR	EMIS RATE SCALAR VARY BY
STCK1	0	0.53431E-06	402548.5	3757083.5	54.0	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK2	0	0.53431E-06	402545.6	3757080.3	54.1	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK3	0	0.53431E-06	402543.0	3757077.1	54.2	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK4	0	0.53431E-06	402540.4	3757073.9	54.3	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK5	0	0.53431E-06	402537.9	3757071.0	54.4	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK6	0	0.53431E-06	402532.8	3757064.7	54.5	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK7	0	0.53431E-06	402530.0	3757061.6	54.5	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK8	0	0.53431E-06	402527.5	3757058.3	54.5	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK9	0	0.53431E-06	402524.8	3757055.2	54.5	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK10	0	0.53431E-06	402522.4	3757052.1	54.5	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK11	0	0.53431E-06	402519.4	3757049.0	54.5	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK12	0	0.53431E-06	402517.1	3757045.9	54.5	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK13	0	0.53431E-06	402511.4	3757040.0	54.5	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK14	0	0.53431E-06	402509.1	3757036.7	54.5	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK15	0	0.53431E-06	402506.3	3757033.3	54.5	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK16	0	0.53431E-06	402503.5	3757030.0	54.4	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK17	0	0.53431E-06	402501.2	3757027.1	54.4	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK18	0	0.53431E-06	402498.7	3757024.0	54.3	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK19	0	0.53431E-06	402496.1	3757020.9	54.3	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK20	0	0.53431E-06	402490.9	3757014.7	54.3	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK21	0	0.53431E-06	402488.2	3757011.5	54.2	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK22	0	0.53431E-06	402485.7	3757008.8	54.2	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK23	0	0.53431E-06	402482.9	3757005.2	54.2	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK24	0	0.53431E-06	402480.4	3757002.2	54.2	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK25	0	0.53431E-06	402477.8	3756999.0	54.1	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK26	0	0.53431E-06	402475.0	3756995.9	54.1	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK27	0	0.53431E-06	402470.1	3756989.7	54.0	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK28	0	0.53431E-06	402467.2	3756986.7	54.0	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK29	0	0.53431E-06	402464.7	3756983.6	54.0	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK30	0	0.53431E-06	402461.9	3756980.0	54.0	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK31	0	0.53431E-06	402459.1	3756976.8	54.0	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK32	0	0.53431E-06	402456.8	3756974.0	54.0	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK33	0	0.53431E-06	402453.9	3756970.8	54.0	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK34	0	0.53431E-06	402448.9	3756964.6	54.0	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK35	0	0.53431E-06	402446.2	3756961.5	54.0	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK36	0	0.53431E-06	402443.5	3756958.3	54.0	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK37	0	0.53431E-06	402441.3	3756955.5	53.9	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK38	0	0.53431E-06	402438.4	3756952.2	53.9	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW

Model Output - High School Receptors

STCK39	0	0.53431E-06	402435.5	3756948.8	53.9	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK40	0	0.53431E-06	402433.2	3756945.9	53.9	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK41	0	0.53431E-06	402428.1	3756939.9	53.9	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK42	0	0.53431E-06	402425.1	3756936.4	53.9	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK43	0	0.53431E-06	402422.6	3756933.5	53.9	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK44	0	0.53431E-06	402420.0	3756930.2	53.8	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK45	0	0.53431E-06	402417.4	3756927.1	53.7	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW
STCK46	0	0.53431E-06	402414.9	3756924.2	53.7	4.15	366.00	51.70	0.10	YES	YES	NO	HRDOW

Model Output - High School Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000001	0	0.53730E-06	402631.1	3757035.4	47.1	4.15	8.79	1.93	YES	HRDOW
L0000002	0	0.53730E-06	402619.3	3757020.7	47.1	4.15	8.79	1.93	YES	HRDOW
L0000003	0	0.53730E-06	402607.4	3757006.0	47.2	4.15	8.79	1.93	YES	HRDOW
L0000004	0	0.53730E-06	402595.6	3756991.3	47.2	4.15	8.79	1.93	YES	HRDOW
L0000005	0	0.53730E-06	402583.7	3756976.6	47.2	4.15	8.79	1.93	YES	HRDOW
L0000006	0	0.53730E-06	402571.8	3756961.8	47.3	4.15	8.79	1.93	YES	HRDOW
L0000007	0	0.53730E-06	402560.0	3756947.1	47.3	4.15	8.79	1.93	YES	HRDOW
L0000008	0	0.53730E-06	402548.1	3756932.4	47.4	4.15	8.79	1.93	YES	HRDOW
L0000009	0	0.53730E-06	402536.3	3756917.7	47.4	4.15	8.79	1.93	YES	HRDOW
L0000010	0	0.53730E-06	402524.4	3756903.0	47.4	4.15	8.79	1.93	YES	HRDOW
L0000011	0	0.53730E-06	402512.6	3756888.3	47.5	4.15	8.79	1.93	YES	HRDOW
L0000012	0	0.53730E-06	402500.7	3756873.6	47.5	4.15	8.79	1.93	YES	HRDOW
L0000013	0	0.53730E-06	402488.8	3756858.8	47.5	4.15	8.79	1.93	YES	HRDOW
L0000014	0	0.53730E-06	402477.0	3756844.1	47.6	4.15	8.79	1.93	YES	HRDOW
L0000015	0	0.53730E-06	402465.1	3756829.4	47.6	4.15	8.79	1.93	YES	HRDOW
L0000016	0	0.53730E-06	402453.3	3756814.7	47.6	4.15	8.79	1.93	YES	HRDOW
L0000017	0	0.53730E-06	402441.4	3756800.0	47.7	4.15	8.79	1.93	YES	HRDOW
L0000018	0	0.53730E-06	402429.5	3756785.3	47.7	4.15	8.79	1.93	YES	HRDOW
L0000019	0	0.53730E-06	402417.7	3756770.6	47.8	4.15	8.79	1.93	YES	HRDOW
L0000020	0	0.53730E-06	402406.1	3756755.6	47.8	4.15	8.79	1.93	YES	HRDOW
L0000021	0	0.53730E-06	402394.9	3756740.4	47.8	4.15	8.79	1.93	YES	HRDOW
L0000022	0	0.53730E-06	402383.7	3756725.2	47.9	4.15	8.79	1.93	YES	HRDOW
L0000023	0	0.53730E-06	402372.9	3756709.8	48.0	4.15	8.79	1.93	YES	HRDOW
L0000024	0	0.53730E-06	402366.5	3756692.0	48.1	4.15	8.79	1.93	YES	HRDOW
L0000025	0	0.53730E-06	402360.0	3756674.2	48.1	4.15	8.79	1.93	YES	HRDOW
L0000026	0	0.53730E-06	402353.6	3756656.4	48.2	4.15	8.79	1.93	YES	HRDOW
L0000027	0	0.53730E-06	402350.6	3756638.0	48.2	4.15	8.79	1.93	YES	HRDOW
L0000028	0	0.53730E-06	402349.8	3756619.1	48.2	4.15	8.79	1.93	YES	HRDOW
L0000029	0	0.53730E-06	402348.9	3756600.2	48.2	4.15	8.79	1.93	YES	HRDOW
L0000030	0	0.53730E-06	402348.1	3756581.3	48.2	4.15	8.79	1.93	YES	HRDOW
L0000031	0	0.53730E-06	402350.7	3756562.8	48.3	4.15	8.79	1.93	YES	HRDOW
L0000032	0	0.53730E-06	402355.3	3756544.5	48.4	4.15	8.79	1.93	YES	HRDOW
L0000033	0	0.53730E-06	402360.0	3756526.2	48.5	4.15	8.79	1.93	YES	HRDOW
L0000034	0	0.53730E-06	402366.2	3756508.3	48.6	4.15	8.79	1.93	YES	HRDOW
L0000035	0	0.53730E-06	402372.4	3756490.5	48.8	4.15	8.79	1.93	YES	HRDOW
L0000036	0	0.53730E-06	402382.3	3756474.5	48.8	4.15	8.79	1.93	YES	HRDOW
L0000037	0	0.53730E-06	402392.8	3756458.7	48.9	4.15	8.79	1.93	YES	HRDOW
L0000038	0	0.53730E-06	402403.2	3756443.0	49.0	4.15	8.79	1.93	YES	HRDOW

Model Output - High School Receptors

L0000039	0	0.53730E-06	402413.6	3756427.2	49.1	4.15	8.79	1.93	YES	HRDOW
L0000040	0	0.53730E-06	402423.6	3756411.2	49.1	4.15	8.79	1.93	YES	HRDOW
L0000041	0	0.53730E-06	402433.7	3756395.2	49.2	4.15	8.79	1.93	YES	HRDOW
L0000042	0	0.53730E-06	402443.7	3756379.2	49.2	4.15	8.79	1.93	YES	HRDOW
L0000043	0	0.53730E-06	402453.8	3756363.2	49.2	4.15	8.79	1.93	YES	HRDOW
L0000044	0	0.53730E-06	402463.8	3756347.2	49.3	4.15	8.79	1.93	YES	HRDOW
L0000045	0	0.53730E-06	402470.8	3756329.7	49.3	4.15	8.79	1.93	YES	HRDOW
L0000046	0	0.53730E-06	402477.3	3756311.9	49.4	4.15	8.79	1.93	YES	HRDOW
L0000047	0	0.53730E-06	402483.8	3756294.2	49.4	4.15	8.79	1.93	YES	HRDOW
L0000048	0	0.53730E-06	402486.0	3756275.4	49.4	4.15	8.79	1.93	YES	HRDOW
L0000049	0	0.53730E-06	402488.1	3756256.6	49.4	4.15	8.79	1.93	YES	HRDOW
L0000050	0	0.53730E-06	402490.3	3756237.9	49.4	4.15	8.79	1.93	YES	HRDOW
L0000051	0	0.53730E-06	402492.4	3756219.1	49.5	4.15	8.79	1.93	YES	HRDOW
L0000052	0	0.53730E-06	402490.7	3756203.7	49.5	4.15	8.79	1.93	YES	HRDOW
L0000053	0	0.53730E-06	402471.8	3756203.7	49.4	4.15	8.79	1.93	YES	HRDOW
L0000054	0	0.53730E-06	402452.9	3756203.7	49.3	4.15	8.79	1.93	YES	HRDOW
L0000055	0	0.53730E-06	402434.0	3756203.6	49.3	4.15	8.79	1.93	YES	HRDOW
L0000056	0	0.53730E-06	402415.1	3756203.6	49.2	4.15	8.79	1.93	YES	HRDOW
L0000057	0	0.53730E-06	402396.2	3756203.6	49.1	4.15	8.79	1.93	YES	HRDOW
L0000058	0	0.53730E-06	402377.3	3756203.6	49.1	4.15	8.79	1.93	YES	HRDOW
L0000059	0	0.53730E-06	402358.4	3756203.5	49.0	4.15	8.79	1.93	YES	HRDOW
L0000060	0	0.53730E-06	402339.5	3756203.5	49.0	4.15	8.79	1.93	YES	HRDOW
L0000061	0	0.53730E-06	402320.6	3756203.5	48.9	4.15	8.79	1.93	YES	HRDOW
L0000062	0	0.53730E-06	402301.7	3756203.4	48.8	4.15	8.79	1.93	YES	HRDOW
L0000063	0	0.53730E-06	402282.8	3756203.4	48.8	4.15	8.79	1.93	YES	HRDOW
L0000064	0	0.53730E-06	402263.9	3756203.4	48.7	4.15	8.79	1.93	YES	HRDOW
L0000065	0	0.53730E-06	402245.0	3756203.4	48.7	4.15	8.79	1.93	YES	HRDOW
L0000066	0	0.53730E-06	402226.1	3756203.3	48.6	4.15	8.79	1.93	YES	HRDOW
L0000067	0	0.53730E-06	402207.2	3756203.3	48.5	4.15	8.79	1.93	YES	HRDOW
L0000068	0	0.53730E-06	402188.3	3756203.3	48.5	4.15	8.79	1.93	YES	HRDOW
L0000069	0	0.53730E-06	402169.4	3756203.2	48.4	4.15	8.79	1.93	YES	HRDOW
L0000070	0	0.53730E-06	402150.5	3756203.2	48.4	4.15	8.79	1.93	YES	HRDOW
L0000071	0	0.53730E-06	402131.6	3756203.2	48.3	4.15	8.79	1.93	YES	HRDOW
L0000072	0	0.53730E-06	402112.7	3756203.1	48.2	4.15	8.79	1.93	YES	HRDOW
L0000073	0	0.53730E-06	402093.8	3756203.1	48.2	4.15	8.79	1.93	YES	HRDOW
L0000074	0	0.53730E-06	402074.9	3756203.1	48.1	4.15	8.79	1.93	YES	HRDOW
L0000075	0	0.53730E-06	402056.0	3756203.1	48.1	4.15	8.79	1.93	YES	HRDOW
L0000076	0	0.53730E-06	402037.1	3756203.0	48.0	4.15	8.79	1.93	YES	HRDOW
L0000077	0	0.53730E-06	402018.2	3756203.0	47.9	4.15	8.79	1.93	YES	HRDOW
L0000078	0	0.53730E-06	401999.3	3756203.0	47.9	4.15	8.79	1.93	YES	HRDOW
L0000079	0	0.53730E-06	401980.4	3756202.9	47.8	4.15	8.79	1.93	YES	HRDOW
L0000080	0	0.53730E-06	401961.5	3756202.9	47.8	4.15	8.79	1.93	YES	HRDOW

Model Output - High School Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000081	0	0.53730E-06	401942.6	3756202.9	47.7	4.15	8.79	1.93	YES	HRDOW
L0000082	0	0.53730E-06	401923.7	3756202.9	47.6	4.15	8.79	1.93	YES	HRDOW
L0000083	0	0.53730E-06	401904.8	3756202.8	47.6	4.15	8.79	1.93	YES	HRDOW
L0000084	0	0.53730E-06	401885.9	3756202.8	47.5	4.15	8.79	1.93	YES	HRDOW
L0000085	0	0.53730E-06	401867.0	3756202.8	47.4	4.15	8.79	1.93	YES	HRDOW
L0000086	0	0.53730E-06	401848.1	3756202.7	47.4	4.15	8.79	1.93	YES	HRDOW
L0000087	0	0.53730E-06	401829.3	3756202.7	47.3	4.15	8.79	1.93	YES	HRDOW
L0000088	0	0.53730E-06	401810.4	3756202.7	47.3	4.15	8.79	1.93	YES	HRDOW
L0000089	0	0.53730E-06	401791.5	3756202.7	47.2	4.15	8.79	1.93	YES	HRDOW
L0000090	0	0.53730E-06	401772.6	3756202.6	47.1	4.15	8.79	1.93	YES	HRDOW
L0000091	0	0.53730E-06	401753.7	3756202.6	47.1	4.15	8.79	1.93	YES	HRDOW
L0000092	0	0.53730E-06	401734.8	3756202.6	47.0	4.15	8.79	1.93	YES	HRDOW
L0000093	0	0.53730E-06	401715.9	3756202.5	47.0	4.15	8.79	1.93	YES	HRDOW
L0000094	0	0.53730E-06	401697.0	3756202.5	46.9	4.15	8.79	1.93	YES	HRDOW
L0000095	0	0.53730E-06	401678.1	3756202.5	46.8	4.15	8.79	1.93	YES	HRDOW
L0000096	0	0.53730E-06	401659.2	3756202.5	46.8	4.15	8.79	1.93	YES	HRDOW
L0000097	0	0.53730E-06	401640.3	3756202.4	46.7	4.15	8.79	1.93	YES	HRDOW
L0000098	0	0.53730E-06	401621.4	3756202.4	46.6	4.15	8.79	1.93	YES	HRDOW
L0000099	0	0.53730E-06	401602.5	3756202.4	46.6	4.15	8.79	1.93	YES	HRDOW
L0000100	0	0.53730E-06	401583.6	3756202.3	46.5	4.15	8.79	1.93	YES	HRDOW
L0000101	0	0.53730E-06	401564.7	3756202.3	46.5	4.15	8.79	1.93	YES	HRDOW
L0000102	0	0.53730E-06	401545.8	3756202.3	46.4	4.15	8.79	1.93	YES	HRDOW
L0000103	0	0.53730E-06	401526.9	3756202.2	46.3	4.15	8.79	1.93	YES	HRDOW
L0000104	0	0.53730E-06	401508.0	3756202.2	46.3	4.15	8.79	1.93	YES	HRDOW
L0000105	0	0.53730E-06	401489.1	3756202.2	46.2	4.15	8.79	1.93	YES	HRDOW
L0000106	0	0.53730E-06	401470.2	3756202.2	46.2	4.15	8.79	1.93	YES	HRDOW
L0000107	0	0.53730E-06	401451.3	3756202.1	46.1	4.15	8.79	1.93	YES	HRDOW
L0000108	0	0.53730E-06	401432.4	3756202.1	46.0	4.15	8.79	1.93	YES	HRDOW
L0000109	0	0.53730E-06	401413.5	3756202.1	46.0	4.15	8.79	1.93	YES	HRDOW
L0000110	0	0.53730E-06	401394.6	3756202.0	45.9	4.15	8.79	1.93	YES	HRDOW

*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
ONSITE	0	0.10783E-08	402346.5	3756836.4	52.1	4.15	16	1.93	YES	HRDOW

Model Output - High School Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
TRUCKRTE	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,
	L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,
	L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 ,
	L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 ,
	L0000033 , L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 ,
	L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 ,
	L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 ,
	L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , L0000062 , L0000063 , L0000064 ,
	L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 , L0000071 , L0000072 ,
	L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 , L0000079 , L0000080 ,
	L0000081 , L0000082 , L0000083 , L0000084 , L0000085 , L0000086 , L0000087 , L0000088 ,
	L0000089 , L0000090 , L0000091 , L0000092 , L0000093 , L0000094 , L0000095 , L0000096 ,
	L0000097 , L0000098 , L0000099 , L0000100 , L0000101 , L0000102 , L0000103 , L0000104 ,
	L0000105 , L0000106 , L0000107 , L0000108 , L0000109 , L0000110 ,
ONSITE	ONSITE ,
IDLING	STCK1 , STCK2 , STCK3 , STCK4 , STCK5 , STCK6 , STCK7 , STCK8 ,
	STCK9 , STCK10 , STCK11 , STCK12 , STCK13 , STCK14 , STCK15 , STCK16 ,
	STCK17 , STCK18 , STCK19 , STCK20 , STCK21 , STCK22 , STCK23 , STCK24 ,
	STCK25 , STCK26 , STCK27 , STCK28 , STCK29 , STCK30 , STCK31 , STCK32 ,
	STCK33 , STCK34 , STCK35 , STCK36 , STCK37 , STCK38 , STCK39 , STCK40 ,

Model Output - High School Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	STCK41 , STCK42 , STCK43 , STCK44 , STCK45 , STCK46 ,
ALL	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,
	L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,
	L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 ,
	L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 ,
	L0000033 , L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 ,
	L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 ,
	L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 ,
	L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , L0000062 , L0000063 , L0000064 ,
	L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 , L0000071 , L0000072 ,
	L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 , L0000079 , L0000080 ,
	L0000081 , L0000082 , L0000083 , L0000084 , L0000085 , L0000086 , L0000087 , L0000088 ,
	L0000089 , L0000090 , L0000091 , L0000092 , L0000093 , L0000094 , L0000095 , L0000096 ,
	L0000097 , L0000098 , L0000099 , L0000100 , L0000101 , L0000102 , L0000103 , L0000104 ,
	L0000105 , L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , ONSITE , STCK1 ,
	STCK2 , STCK3 , STCK4 , STCK5 , STCK6 , STCK7 , STCK8 , STCK9 ,
	STCK10 , STCK11 , STCK12 , STCK13 , STCK14 , STCK15 , STCK16 , STCK17 ,
	STCK18 , STCK19 , STCK20 , STCK21 , STCK22 , STCK23 , STCK24 , STCK25 ,
	STCK26 , STCK27 , STCK28 , STCK29 , STCK30 , STCK31 , STCK32 , STCK33 ,
	STCK34 , STCK35 , STCK36 , STCK37 , STCK38 , STCK39 , STCK40 , STCK41 ,
	STCK42 , STCK43 , STCK44 , STCK45 , STCK46 ,

Model Output - High School Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	9818605.	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,
		L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,
		L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 ,
		L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 ,
		L0000033 , L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 ,
		L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 ,
		L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 ,
		L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , L0000062 , L0000063 , L0000064 ,
		L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 , L0000071 , L0000072 ,
		L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 , L0000079 , L0000080 ,
		L0000081 , L0000082 , L0000083 , L0000084 , L0000085 , L0000086 , L0000087 , L0000088 ,
		L0000089 , L0000090 , L0000091 , L0000092 , L0000093 , L0000094 , L0000095 , L0000096 ,
		L0000097 , L0000098 , L0000099 , L0000100 , L0000101 , L0000102 , L0000103 , L0000104 ,
		L0000105 , L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , ONSITE , STCK1 ,
		STCK2 , STCK3 , STCK4 , STCK5 , STCK6 , STCK7 , STCK8 , STCK9 ,
		STCK10 , STCK11 , STCK12 , STCK13 , STCK14 , STCK15 , STCK16 , STCK17 ,
		STCK18 , STCK19 , STCK20 , STCK21 , STCK22 , STCK23 , STCK24 , STCK25 ,
		STCK26 , STCK27 , STCK28 , STCK29 , STCK30 , STCK31 , STCK32 , STCK33 ,
		STCK34 , STCK35 , STCK36 , STCK37 , STCK38 , STCK39 , STCK40 , STCK41 ,
		STCK42 , STCK43 , STCK44 , STCK45 , STCK46 ,

Model Output - High School Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK1

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-268.6,	32.0,	2	12.8,	164.1,	283.9,	-276.4,	8.8,
3	12.8,	121.1,	283.8,	-275.8,	-14.7,	4	12.8,	74.5,	275.0,	-266.9,	-37.7,
5	12.8,	121.1,	283.8,	-262.7,	-59.6,	6	12.8,	164.1,	283.9,	-250.6,	-79.7,
7	12.8,	202.0,	275.4,	-230.9,	-97.3,	8	12.8,	233.8,	258.6,	-204.1,	-112.0,
9	12.8,	258.6,	233.8,	-171.2,	-123.3,	10	12.8,	275.4,	202.0,	-133.0,	-130.9,
11	12.8,	283.9,	164.1,	-90.8,	-134.5,	12	12.8,	283.8,	121.1,	-45.9,	-133.9,
13	12.8,	275.0,	74.5,	0.5,	-129.4,	14	12.8,	283.8,	121.1,	-0.9,	-120.8,
15	12.8,	283.9,	164.1,	-2.3,	-108.6,	16	12.8,	275.4,	202.0,	-3.7,	-93.2,
17	12.8,	258.6,	233.8,	-4.9,	-74.8,	18	12.8,	233.8,	258.6,	-5.9,	-54.2,
19	12.8,	202.0,	275.4,	-6.8,	-32.0,	20	12.8,	164.1,	283.9,	-7.5,	-8.8,
21	12.8,	121.1,	283.8,	-8.0,	14.7,	22	12.8,	74.5,	275.0,	-8.2,	37.7,
23	12.8,	121.1,	283.8,	-21.1,	59.6,	24	12.8,	164.1,	283.9,	-33.3,	79.7,
25	12.8,	202.0,	275.4,	-44.5,	97.3,	26	12.8,	233.8,	258.6,	-54.4,	112.0,
27	12.8,	258.6,	233.8,	-62.7,	123.3,	28	12.8,	275.4,	202.0,	-69.0,	130.9,
29	12.8,	283.9,	164.1,	-73.2,	134.5,	30	12.8,	283.8,	121.1,	-75.2,	133.9,
31	12.8,	275.0,	74.5,	-75.0,	129.4,	32	12.8,	283.8,	121.1,	-120.2,	120.8,
33	12.8,	283.9,	164.1,	-161.7,	108.6,	34	12.8,	275.4,	202.0,	-198.4,	93.2,
35	12.8,	258.6,	233.8,	-229.0,	74.8,	36	12.8,	233.8,	258.6,	-252.6,	54.2,

SOURCE ID: STCK2

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-264.9,	29.7,	2	12.8,	164.1,	283.9,	-272.4,	7.2,
3	12.8,	121.1,	283.8,	-271.6,	-15.6,	4	12.8,	74.5,	275.0,	-262.5,	-37.8,
5	12.8,	121.1,	283.8,	-258.4,	-59.0,	6	12.8,	164.1,	283.9,	-246.5,	-78.3,
7	12.8,	202.0,	275.4,	-227.0,	-95.3,	8	12.8,	233.8,	258.6,	-200.7,	-109.3,
9	12.8,	258.6,	233.8,	-168.3,	-120.1,	10	12.8,	275.4,	202.0,	-130.7,	-127.2,
11	12.8,	283.9,	164.1,	-89.2,	-130.4,	12	12.8,	283.8,	121.1,	-45.0,	-129.7,
13	12.8,	275.0,	74.5,	0.6,	-125.0,	14	12.8,	283.8,	121.1,	-1.6,	-116.5,
15	12.8,	283.9,	164.1,	-3.7,	-104.5,	16	12.8,	275.4,	202.0,	-5.7,	-89.3,
17	12.8,	258.6,	233.8,	-7.6,	-71.4,	18	12.8,	233.8,	258.6,	-9.2,	-51.4,
19	12.8,	202.0,	275.4,	-10.5,	-29.7,	20	12.8,	164.1,	283.9,	-11.6,	-7.2,
21	12.8,	121.1,	283.8,	-12.2,	15.6,	22	12.8,	74.5,	275.0,	-12.5,	37.8,
23	12.8,	121.1,	283.8,	-25.4,	59.0,	24	12.8,	164.1,	283.9,	-37.4,	78.3,
25	12.8,	202.0,	275.4,	-48.4,	95.3,	26	12.8,	233.8,	258.6,	-57.8,	109.3,
27	12.8,	258.6,	233.8,	-65.5,	120.1,	28	12.8,	275.4,	202.0,	-71.3,	127.2,
29	12.8,	283.9,	164.1,	-74.8,	130.4,	30	12.8,	283.8,	121.1,	-76.1,	129.7,
31	12.8,	275.0,	74.5,	-75.1,	125.0,	32	12.8,	283.8,	121.1,	-119.5,	116.5,
33	12.8,	283.9,	164.1,	-160.3,	104.5,	34	12.8,	275.4,	202.0,	-196.3,	89.3,
35	12.8,	258.6,	233.8,	-226.2,	71.4,	36	12.8,	233.8,	258.6,	-249.4,	51.4,

Model Output - High School Receptors

SOURCE ID: STCK3

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-261.3,	27.7,	2	12.8,	164.1,	283.9,	-268.5,	5.8,
3	12.8,	121.1,	283.8,	-267.5,	-16.2,	4	12.8,	74.5,	275.0,	-258.4,	-37.8,
5	12.8,	121.1,	283.8,	-254.4,	-58.2,	6	12.8,	164.1,	283.9,	-242.6,	-76.9,
7	12.8,	202.0,	275.4,	-223.5,	-93.2,	8	12.8,	233.8,	258.6,	-197.6,	-106.7,
9	12.8,	258.6,	233.8,	-165.7,	-116.9,	10	12.8,	275.4,	202.0,	-128.7,	-123.6,
11	12.8,	283.9,	164.1,	-87.8,	-126.5,	12	12.8,	283.8,	121.1,	-44.3,	-125.6,
13	12.8,	275.0,	74.5,	0.6,	-120.9,	14	12.8,	283.8,	121.1,	-2.3,	-112.5,
15	12.8,	283.9,	164.1,	-5.1,	-100.7,	16	12.8,	275.4,	202.0,	-7.8,	-85.8,
17	12.8,	258.6,	233.8,	-10.2,	-68.3,	18	12.8,	233.8,	258.6,	-12.4,	-48.8,
19	12.8,	202.0,	275.4,	-14.1,	-27.7,	20	12.8,	164.1,	283.9,	-15.4,	-5.8,
21	12.8,	121.1,	283.8,	-16.2,	16.2,	22	12.8,	74.5,	275.0,	-16.6,	37.8,
23	12.8,	121.1,	283.8,	-29.4,	58.2,	24	12.8,	164.1,	283.9,	-41.3,	76.9,
25	12.8,	202.0,	275.4,	-51.9,	93.2,	26	12.8,	233.8,	258.6,	-61.0,	106.7,
27	12.8,	258.6,	233.8,	-68.2,	116.9,	28	12.8,	275.4,	202.0,	-73.3,	123.6,
29	12.8,	283.9,	164.1,	-76.2,	126.5,	30	12.8,	283.8,	121.1,	-76.8,	125.6,
31	12.8,	275.0,	74.5,	-75.0,	120.9,	32	12.8,	283.8,	121.1,	-118.8,	112.5,
33	12.8,	283.9,	164.1,	-158.9,	100.7,	34	12.8,	275.4,	202.0,	-194.2,	85.8,
35	12.8,	258.6,	233.8,	-223.6,	68.3,	36	12.8,	233.8,	258.6,	-246.2,	48.8,

SOURCE ID: STCK4

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-257.8,	25.7,	2	12.8,	164.1,	283.9,	-264.6,	4.5,
3	12.8,	121.1,	283.8,	-263.5,	-16.9,	4	12.8,	74.5,	275.0,	-254.3,	-37.8,
5	12.8,	121.1,	283.8,	-250.4,	-57.5,	6	12.8,	164.1,	283.9,	-238.8,	-75.4,
7	12.8,	202.0,	275.4,	-220.0,	-91.1,	8	12.8,	233.8,	258.6,	-194.5,	-104.0,
9	12.8,	258.6,	233.8,	-163.1,	-113.8,	10	12.8,	275.4,	202.0,	-126.7,	-120.0,
11	12.8,	283.9,	164.1,	-86.5,	-122.7,	12	12.8,	283.8,	121.1,	-43.6,	-121.6,
13	12.8,	275.0,	74.5,	0.5,	-116.8,	14	12.8,	283.8,	121.1,	-3.1,	-108.5,
15	12.8,	283.9,	164.1,	-6.6,	-96.8,	16	12.8,	275.4,	202.0,	-9.9,	-82.3,
17	12.8,	258.6,	233.8,	-12.9,	-65.2,	18	12.8,	233.8,	258.6,	-15.5,	-46.1,
19	12.8,	202.0,	275.4,	-17.7,	-25.7,	20	12.8,	164.1,	283.9,	-19.3,	-4.5,
21	12.8,	121.1,	283.8,	-20.3,	16.9,	22	12.8,	74.5,	275.0,	-20.7,	37.8,
23	12.8,	121.1,	283.8,	-33.4,	57.5,	24	12.8,	164.1,	283.9,	-45.1,	75.4,
25	12.8,	202.0,	275.4,	-55.4,	91.1,	26	12.8,	233.8,	258.6,	-64.1,	104.0,
27	12.8,	258.6,	233.8,	-70.8,	113.8,	28	12.8,	275.4,	202.0,	-75.3,	120.0,
29	12.8,	283.9,	164.1,	-77.6,	122.7,	30	12.8,	283.8,	121.1,	-77.5,	121.6,
31	12.8,	275.0,	74.5,	-75.0,	116.8,	32	12.8,	283.8,	121.1,	-118.0,	108.5,
33	12.8,	283.9,	164.1,	-157.5,	96.8,	34	12.8,	275.4,	202.0,	-192.1,	82.3,
35	12.8,	258.6,	233.8,	-220.9,	65.2,	36	12.8,	233.8,	258.6,	-243.0,	46.1,

Model Output - High School Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK5

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-254.4,	23.8,	2	12.8,	164.1,	283.9,	-261.0,	3.1,
3	12.8,	121.1,	283.8,	-259.6,	-17.6,	4	12.8,	74.5,	275.0,	-250.4,	-37.8,
5	12.8,	121.1,	283.8,	-246.5,	-56.8,	6	12.8,	164.1,	283.9,	-235.1,	-74.1,
7	12.8,	202.0,	275.4,	-216.6,	-89.2,	8	12.8,	233.8,	258.6,	-191.5,	-101.5,
9	12.8,	258.6,	233.8,	-160.6,	-110.8,	10	12.8,	275.4,	202.0,	-124.8,	-116.7,
11	12.8,	283.9,	164.1,	-85.1,	-119.0,	12	12.8,	283.8,	121.1,	-43.0,	-117.8,
13	12.8,	275.0,	74.5,	0.5,	-112.9,	14	12.8,	283.8,	121.1,	-3.8,	-104.6,
15	12.8,	283.9,	164.1,	-7.9,	-93.2,	16	12.8,	275.4,	202.0,	-11.8,	-78.9,
17	12.8,	258.6,	233.8,	-15.4,	-62.2,	18	12.8,	233.8,	258.6,	-18.5,	-43.6,
19	12.8,	202.0,	275.4,	-21.0,	-23.8,	20	12.8,	164.1,	283.9,	-22.9,	-3.1,
21	12.8,	121.1,	283.8,	-24.1,	17.6,	22	12.8,	74.5,	275.0,	-24.6,	37.8,
23	12.8,	121.1,	283.8,	-37.2,	56.8,	24	12.8,	164.1,	283.9,	-48.8,	74.1,
25	12.8,	202.0,	275.4,	-58.8,	89.2,	26	12.8,	233.8,	258.6,	-67.1,	101.5,
27	12.8,	258.6,	233.8,	-73.3,	110.8,	28	12.8,	275.4,	202.0,	-77.3,	116.7,
29	12.8,	283.9,	164.1,	-78.9,	119.0,	30	12.8,	283.8,	121.1,	-78.1,	117.8,
31	12.8,	275.0,	74.5,	-75.0,	112.9,	32	12.8,	283.8,	121.1,	-117.4,	104.6,
33	12.8,	283.9,	164.1,	-156.1,	93.2,	34	12.8,	275.4,	202.0,	-190.2,	78.9,
35	12.8,	258.6,	233.8,	-218.4,	62.2,	36	12.8,	233.8,	258.6,	-240.1,	43.6,

SOURCE ID: STCK6

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-247.4,	19.8,	2	12.8,	164.1,	283.9,	-253.4,	0.5,
3	12.8,	121.1,	283.8,	-251.7,	-18.9,	4	12.8,	74.5,	275.0,	-242.4,	-37.7,
5	12.8,	121.1,	283.8,	-238.6,	-55.3,	6	12.8,	164.1,	283.9,	-227.6,	-71.3,
7	12.8,	202.0,	275.4,	-209.7,	-85.1,	8	12.8,	233.8,	258.6,	-185.4,	-96.3,
9	12.8,	258.6,	233.8,	-155.4,	-104.5,	10	12.8,	275.4,	202.0,	-120.8,	-109.6,
11	12.8,	283.9,	164.1,	-82.5,	-111.4,	12	12.8,	283.8,	121.1,	-41.6,	-109.8,
13	12.8,	275.0,	74.5,	0.4,	-104.8,	14	12.8,	283.8,	121.1,	-5.2,	-96.7,
15	12.8,	283.9,	164.1,	-10.8,	-85.6,	16	12.8,	275.4,	202.0,	-15.9,	-72.0,
17	12.8,	258.6,	233.8,	-20.7,	-56.1,	18	12.8,	233.8,	258.6,	-24.7,	-38.5,
19	12.8,	202.0,	275.4,	-28.1,	-19.8,	20	12.8,	164.1,	283.9,	-30.5,	-0.5,
21	12.8,	121.1,	283.8,	-32.1,	18.9,	22	12.8,	74.5,	275.0,	-32.6,	37.7,
23	12.8,	121.1,	283.8,	-45.2,	55.3,	24	12.8,	164.1,	283.9,	-56.3,	71.3,
25	12.8,	202.0,	275.4,	-65.7,	85.1,	26	12.8,	233.8,	258.6,	-73.2,	96.3,
27	12.8,	258.6,	233.8,	-78.4,	104.5,	28	12.8,	275.4,	202.0,	-81.2,	109.6,
29	12.8,	283.9,	164.1,	-81.6,	111.4,	30	12.8,	283.8,	121.1,	-79.5,	109.8,
31	12.8,	275.0,	74.5,	-74.9,	104.8,	32	12.8,	283.8,	121.1,	-115.9,	96.7,
33	12.8,	283.9,	164.1,	-153.3,	85.6,	34	12.8,	275.4,	202.0,	-186.1,	72.0,
35	12.8,	258.6,	233.8,	-213.2,	56.1,	36	12.8,	233.8,	258.6,	-233.8,	38.5,

Model Output - High School Receptors

SOURCE ID: STCK7

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-243.7,	17.6,	2	12.8,	164.1,	283.9,	-249.4,	-1.1,
3	12.8,	121.1,	283.8,	-247.5,	-19.7,	4	12.8,	74.5,	275.0,	-238.1,	-37.8,
5	12.8,	121.1,	283.8,	-234.4,	-54.7,	6	12.8,	164.1,	283.9,	-223.6,	-69.9,
7	12.8,	202.0,	275.4,	-206.0,	-83.0,	8	12.8,	233.8,	258.6,	-182.1,	-93.6,
9	12.8,	258.6,	233.8,	-152.7,	-101.4,	10	12.8,	275.4,	202.0,	-118.6,	-106.0,
11	12.8,	283.9,	164.1,	-80.9,	-107.5,	12	12.8,	283.8,	121.1,	-40.8,	-105.7,
13	12.8,	275.0,	74.5,	0.5,	-100.6,	14	12.8,	283.8,	121.1,	-5.9,	-92.5,
15	12.8,	283.9,	164.1,	-12.1,	-81.6,	16	12.8,	275.4,	202.0,	-18.0,	-68.2,
17	12.8,	258.6,	233.8,	-23.3,	-52.8,	18	12.8,	233.8,	258.6,	-27.9,	-35.7,
19	12.8,	202.0,	275.4,	-31.7,	-17.6,	20	12.8,	164.1,	283.9,	-34.5,	1.1,
21	12.8,	121.1,	283.8,	-36.2,	19.7,	22	12.8,	74.5,	275.0,	-36.9,	37.8,
23	12.8,	121.1,	283.8,	-49.3,	54.7,	24	12.8,	164.1,	283.9,	-60.3,	69.9,
25	12.8,	202.0,	275.4,	-69.5,	83.0,	26	12.8,	233.8,	258.6,	-76.5,	93.6,
27	12.8,	258.6,	233.8,	-81.2,	101.4,	28	12.8,	275.4,	202.0,	-83.4,	106.0,
29	12.8,	283.9,	164.1,	-83.1,	107.5,	30	12.8,	283.8,	121.1,	-80.3,	105.7,
31	12.8,	275.0,	74.5,	-75.0,	100.6,	32	12.8,	283.8,	121.1,	-115.2,	92.5,
33	12.8,	283.9,	164.1,	-152.0,	81.6,	34	12.8,	275.4,	202.0,	-184.1,	68.2,
35	12.8,	258.6,	233.8,	-210.6,	52.8,	36	12.8,	233.8,	258.6,	-230.7,	35.7,

SOURCE ID: STCK8

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-240.1,	15.7,	2	12.8,	164.1,	283.9,	-245.5,	-2.3,
3	12.8,	121.1,	283.8,	-243.5,	-20.3,	4	12.8,	74.5,	275.0,	-234.0,	-37.6,
5	12.8,	121.1,	283.8,	-230.4,	-53.8,	6	12.8,	164.1,	283.9,	-219.8,	-68.4,
7	12.8,	202.0,	275.4,	-202.5,	-80.8,	8	12.8,	233.8,	258.6,	-179.0,	-90.9,
9	12.8,	258.6,	233.8,	-150.1,	-98.1,	10	12.8,	275.4,	202.0,	-116.7,	-102.4,
11	12.8,	283.9,	164.1,	-79.7,	-103.6,	12	12.8,	283.8,	121.1,	-40.3,	-101.6,
13	12.8,	275.0,	74.5,	0.4,	-96.5,	14	12.8,	283.8,	121.1,	-6.7,	-88.5,
15	12.8,	283.9,	164.1,	-13.7,	-77.8,	16	12.8,	275.4,	202.0,	-20.2,	-64.8,
17	12.8,	258.6,	233.8,	-26.1,	-49.8,	18	12.8,	233.8,	258.6,	-31.2,	-33.2,
19	12.8,	202.0,	275.4,	-35.3,	-15.7,	20	12.8,	164.1,	283.9,	-38.4,	2.3,
21	12.8,	121.1,	283.8,	-40.3,	20.3,	22	12.8,	74.5,	275.0,	-41.0,	37.6,
23	12.8,	121.1,	283.8,	-53.4,	53.8,	24	12.8,	164.1,	283.9,	-64.1,	68.4,
25	12.8,	202.0,	275.4,	-72.9,	80.8,	26	12.8,	233.8,	258.6,	-79.5,	90.9,
27	12.8,	258.6,	233.8,	-83.7,	98.1,	28	12.8,	275.4,	202.0,	-85.3,	102.4,
29	12.8,	283.9,	164.1,	-84.4,	103.6,	30	12.8,	283.8,	121.1,	-80.8,	101.6,
31	12.8,	275.0,	74.5,	-74.9,	96.5,	32	12.8,	283.8,	121.1,	-114.4,	88.5,
33	12.8,	283.9,	164.1,	-150.4,	77.8,	34	12.8,	275.4,	202.0,	-181.9,	64.8,
35	12.8,	258.6,	233.8,	-207.8,	49.8,	36	12.8,	233.8,	258.6,	-227.4,	33.2,

Model Output - High School Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK9

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-236.6,	13.6,	2	12.8,	164.1,	283.9,	-241.7,	-3.8,
3	12.8,	121.1,	283.8,	-239.5,	-21.1,	4	12.8,	74.5,	275.0,	-229.9,	-37.7,
5	12.8,	121.1,	283.8,	-226.4,	-53.2,	6	12.8,	164.1,	283.9,	-215.9,	-67.1,
7	12.8,	202.0,	275.4,	-198.9,	-78.9,	8	12.8,	233.8,	258.6,	-175.8,	-88.3,
9	12.8,	258.6,	233.8,	-147.4,	-95.1,	10	12.8,	275.4,	202.0,	-114.6,	-98.9,
11	12.8,	283.9,	164.1,	-78.2,	-99.8,	12	12.8,	283.8,	121.1,	-39.5,	-97.6,
13	12.8,	275.0,	74.5,	0.5,	-92.4,	14	12.8,	283.8,	121.1,	-7.4,	-84.5,
15	12.8,	283.9,	164.1,	-15.0,	-74.0,	16	12.8,	275.4,	202.0,	-22.1,	-61.2,
17	12.8,	258.6,	233.8,	-28.6,	-46.6,	18	12.8,	233.8,	258.6,	-34.2,	-30.5,
19	12.8,	202.0,	275.4,	-38.8,	-13.6,	20	12.8,	164.1,	283.9,	-42.2,	3.8,
21	12.8,	121.1,	283.8,	-44.3,	21.1,	22	12.8,	74.5,	275.0,	-45.1,	37.7,
23	12.8,	121.1,	283.8,	-57.4,	53.2,	24	12.8,	164.1,	283.9,	-68.0,	67.1,
25	12.8,	202.0,	275.4,	-76.5,	78.9,	26	12.8,	233.8,	258.6,	-82.7,	88.3,
27	12.8,	258.6,	233.8,	-86.4,	95.1,	28	12.8,	275.4,	202.0,	-87.5,	98.9,
29	12.8,	283.9,	164.1,	-85.8,	99.8,	30	12.8,	283.8,	121.1,	-81.6,	97.6,
31	12.8,	275.0,	74.5,	-75.0,	92.4,	32	12.8,	283.8,	121.1,	-113.8,	84.5,
33	12.8,	283.9,	164.1,	-149.1,	74.0,	34	12.8,	275.4,	202.0,	-179.9,	61.2,
35	12.8,	258.6,	233.8,	-205.2,	46.6,	36	12.8,	233.8,	258.6,	-224.3,	30.5,

SOURCE ID: STCK10

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-233.1,	11.7,	2	12.8,	164.1,	283.9,	-237.9,	-5.0,
3	12.8,	121.1,	283.8,	-235.5,	-21.6,	4	12.8,	74.5,	275.0,	-226.0,	-37.5,
5	12.8,	121.1,	283.8,	-222.5,	-52.3,	6	12.8,	164.1,	283.9,	-212.2,	-65.5,
7	12.8,	202.0,	275.4,	-195.5,	-76.7,	8	12.8,	233.8,	258.6,	-172.9,	-85.6,
9	12.8,	258.6,	233.8,	-145.0,	-91.9,	10	12.8,	275.4,	202.0,	-112.7,	-95.4,
11	12.8,	283.9,	164.1,	-77.0,	-96.0,	12	12.8,	283.8,	121.1,	-38.9,	-93.6,
13	12.8,	275.0,	74.5,	0.3,	-88.5,	14	12.8,	283.8,	121.1,	-8.2,	-80.6,
15	12.8,	283.9,	164.1,	-16.5,	-70.3,	16	12.8,	275.4,	202.0,	-24.3,	-57.8,
17	12.8,	258.6,	233.8,	-31.3,	-43.6,	18	12.8,	233.8,	258.6,	-37.4,	-28.1,
19	12.8,	202.0,	275.4,	-42.3,	-11.7,	20	12.8,	164.1,	283.9,	-46.0,	5.0,
21	12.8,	121.1,	283.8,	-48.2,	21.6,	22	12.8,	74.5,	275.0,	-49.0,	37.5,
23	12.8,	121.1,	283.8,	-61.3,	52.3,	24	12.8,	164.1,	283.9,	-71.7,	65.5,
25	12.8,	202.0,	275.4,	-79.9,	76.7,	26	12.8,	233.8,	258.6,	-85.6,	85.6,
27	12.8,	258.6,	233.8,	-88.8,	91.9,	28	12.8,	275.4,	202.0,	-89.3,	95.4,
29	12.8,	283.9,	164.1,	-87.0,	96.0,	30	12.8,	283.8,	121.1,	-82.2,	93.6,
31	12.8,	275.0,	74.5,	-74.8,	88.5,	32	12.8,	283.8,	121.1,	-112.9,	80.6,
33	12.8,	283.9,	164.1,	-147.6,	70.3,	34	12.8,	275.4,	202.0,	-177.8,	57.8,
35	12.8,	258.6,	233.8,	-202.5,	43.6,	36	12.8,	233.8,	258.6,	-221.2,	28.1,

Model Output - High School Receptors

SOURCE ID: STCK11

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-229.5,	9.3,	2	12.8,	164.1,	283.9,	-234.0,	-6.8,
3	12.8,	121.1,	283.8,	-231.4,	-22.7,	4	12.8,	74.5,	275.0,	-221.7,	-37.8,
5	12.8,	121.1,	283.8,	-218.2,	-51.9,	6	12.8,	164.1,	283.9,	-208.1,	-64.4,
7	12.8,	202.0,	275.4,	-191.7,	-74.9,	8	12.8,	233.8,	258.6,	-169.4,	-83.1,
9	12.8,	258.6,	233.8,	-142.0,	-88.8,	10	12.8,	275.4,	202.0,	-110.3,	-91.8,
11	12.8,	283.9,	164.1,	-75.3,	-92.1,	12	12.8,	283.8,	121.1,	-37.9,	-89.5,
13	12.8,	275.0,	74.5,	0.6,	-84.2,	14	12.8,	283.8,	121.1,	-8.7,	-76.3,
15	12.8,	283.9,	164.1,	-17.7,	-66.2,	16	12.8,	275.4,	202.0,	-26.1,	-54.0,
17	12.8,	258.6,	233.8,	-33.8,	-40.2,	18	12.8,	233.8,	258.6,	-40.4,	-25.1,
19	12.8,	202.0,	275.4,	-45.9,	-9.3,	20	12.8,	164.1,	283.9,	-49.9,	6.8,
21	12.8,	121.1,	283.8,	-52.4,	22.7,	22	12.8,	74.5,	275.0,	-53.3,	37.8,
23	12.8,	121.1,	283.8,	-65.5,	51.9,	24	12.8,	164.1,	283.9,	-75.8,	64.4,
25	12.8,	202.0,	275.4,	-83.7,	74.9,	26	12.8,	233.8,	258.6,	-89.1,	83.1,
27	12.8,	258.6,	233.8,	-91.8,	88.8,	28	12.8,	275.4,	202.0,	-91.7,	91.8,
29	12.8,	283.9,	164.1,	-88.8,	92.1,	30	12.8,	283.8,	121.1,	-83.2,	89.5,
31	12.8,	275.0,	74.5,	-75.1,	84.2,	32	12.8,	283.8,	121.1,	-112.5,	76.3,
33	12.8,	283.9,	164.1,	-146.4,	66.2,	34	12.8,	275.4,	202.0,	-175.9,	54.0,
35	12.8,	258.6,	233.8,	-200.0,	40.2,	36	12.8,	233.8,	258.6,	-218.1,	25.1,

SOURCE ID: STCK12

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-226.1,	7.6,	2	12.8,	164.1,	283.9,	-230.3,	-7.9,
3	12.8,	121.1,	283.8,	-227.6,	-23.1,	4	12.8,	74.5,	275.0,	-217.9,	-37.6,
5	12.8,	121.1,	283.8,	-214.5,	-51.0,	6	12.8,	164.1,	283.9,	-204.6,	-62.9,
7	12.8,	202.0,	275.4,	-188.5,	-72.8,	8	12.8,	233.8,	258.6,	-166.6,	-80.5,
9	12.8,	258.6,	233.8,	-139.7,	-85.8,	10	12.8,	275.4,	202.0,	-108.6,	-88.4,
11	12.8,	283.9,	164.1,	-74.1,	-88.4,	12	12.8,	283.8,	121.1,	-37.4,	-85.7,
13	12.8,	275.0,	74.5,	0.4,	-80.3,	14	12.8,	283.8,	121.1,	-9.5,	-72.6,
15	12.8,	283.9,	164.1,	-19.2,	-62.6,	16	12.8,	275.4,	202.0,	-28.2,	-50.8,
17	12.8,	258.6,	233.8,	-36.4,	-37.3,	18	12.8,	233.8,	258.6,	-43.5,	-22.8,
19	12.8,	202.0,	275.4,	-49.3,	-7.6,	20	12.8,	164.1,	283.9,	-53.6,	7.9,
21	12.8,	121.1,	283.8,	-56.2,	23.1,	22	12.8,	74.5,	275.0,	-57.1,	37.6,
23	12.8,	121.1,	283.8,	-69.3,	51.0,	24	12.8,	164.1,	283.9,	-79.3,	62.9,
25	12.8,	202.0,	275.4,	-86.9,	72.8,	26	12.8,	233.8,	258.6,	-91.9,	80.5,
27	12.8,	258.6,	233.8,	-94.1,	85.8,	28	12.8,	275.4,	202.0,	-93.4,	88.4,
29	12.8,	283.9,	164.1,	-89.9,	88.4,	30	12.8,	283.8,	121.1,	-83.7,	85.7,
31	12.8,	275.0,	74.5,	-74.9,	80.3,	32	12.8,	283.8,	121.1,	-111.6,	72.6,
33	12.8,	283.9,	164.1,	-144.9,	62.6,	34	12.8,	275.4,	202.0,	-173.8,	50.8,
35	12.8,	258.6,	233.8,	-197.4,	37.3,	36	12.8,	233.8,	258.6,	-215.0,	22.8,

Model Output - High School Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK13

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-219.3,	3.0,	2	12.8,	164.1,	283.9,	-222.8,	-11.2,
3	12.8,	121.1,	283.8,	-219.6,	-25.1,	4	12.8,	74.5,	275.0,	-209.6,	-38.2,
5	12.8,	121.1,	283.8,	-206.3,	-50.1,	6	12.8,	164.1,	283.9,	-196.7,	-60.5,
7	12.8,	202.0,	275.4,	-181.1,	-69.1,	8	12.8,	233.8,	258.6,	-160.0,	-75.6,
9	12.8,	258.6,	233.8,	-134.0,	-79.8,	10	12.8,	275.4,	202.0,	-104.0,	-81.6,
11	12.8,	283.9,	164.1,	-70.8,	-80.8,	12	12.8,	283.8,	121.1,	-35.5,	-77.7,
13	12.8,	275.0,	74.5,	0.9,	-72.1,	14	12.8,	283.8,	121.1,	-10.4,	-64.4,
15	12.8,	283.9,	164.1,	-21.5,	-54.7,	16	12.8,	275.4,	202.0,	-31.9,	-43.4,
17	12.8,	258.6,	233.8,	-41.3,	-30.7,	18	12.8,	233.8,	258.6,	-49.5,	-17.1,
19	12.8,	202.0,	275.4,	-56.1,	-3.0,	20	12.8,	164.1,	283.9,	-61.1,	11.2,
21	12.8,	121.1,	283.8,	-64.2,	25.1,	22	12.8,	74.5,	275.0,	-65.4,	38.2,
23	12.8,	121.1,	283.8,	-77.5,	50.1,	24	12.8,	164.1,	283.9,	-87.2,	60.5,
25	12.8,	202.0,	275.4,	-94.3,	69.1,	26	12.8,	233.8,	258.6,	-98.5,	75.6,
27	12.8,	258.6,	233.8,	-99.8,	79.8,	28	12.8,	275.4,	202.0,	-98.0,	81.6,
29	12.8,	283.9,	164.1,	-93.2,	80.8,	30	12.8,	283.8,	121.1,	-85.6,	77.7,
31	12.8,	275.0,	74.5,	-75.4,	72.1,	32	12.8,	283.8,	121.1,	-110.7,	64.4,
33	12.8,	283.9,	164.1,	-142.6,	54.7,	34	12.8,	275.4,	202.0,	-170.1,	43.4,
35	12.8,	258.6,	233.8,	-192.5,	30.7,	36	12.8,	233.8,	258.6,	-209.1,	17.1,

SOURCE ID: STCK14

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-215.7,	1.3,	2	12.8,	164.1,	283.9,	-218.9,	-12.3,
3	12.8,	121.1,	283.8,	-215.6,	-25.4,	4	12.8,	74.5,	275.0,	-205.7,	-37.9,
5	12.8,	121.1,	283.8,	-202.4,	-49.1,	6	12.8,	164.1,	283.9,	-193.0,	-58.9,
7	12.8,	202.0,	275.4,	-177.8,	-66.9,	8	12.8,	233.8,	258.6,	-157.1,	-72.8,
9	12.8,	258.6,	233.8,	-131.7,	-76.5,	10	12.8,	275.4,	202.0,	-102.3,	-78.0,
11	12.8,	283.9,	164.1,	-69.8,	-77.0,	12	12.8,	283.8,	121.1,	-35.1,	-73.7,
13	12.8,	275.0,	74.5,	0.6,	-68.1,	14	12.8,	283.8,	121.1,	-11.4,	-60.5,
15	12.8,	283.9,	164.1,	-23.1,	-51.1,	16	12.8,	275.4,	202.0,	-34.1,	-40.1,
17	12.8,	258.6,	233.8,	-44.1,	-27.9,	18	12.8,	233.8,	258.6,	-52.7,	-14.8,
19	12.8,	202.0,	275.4,	-59.8,	-1.3,	20	12.8,	164.1,	283.9,	-65.0,	12.3,
21	12.8,	121.1,	283.8,	-68.2,	25.4,	22	12.8,	74.5,	275.0,	-69.3,	37.9,
23	12.8,	121.1,	283.8,	-81.3,	49.1,	24	12.8,	164.1,	283.9,	-90.8,	58.9,
25	12.8,	202.0,	275.4,	-97.6,	66.9,	26	12.8,	233.8,	258.6,	-101.4,	72.8,
27	12.8,	258.6,	233.8,	-102.1,	76.5,	28	12.8,	275.4,	202.0,	-99.7,	78.0,
29	12.8,	283.9,	164.1,	-94.3,	77.0,	30	12.8,	283.8,	121.1,	-86.0,	73.7,
31	12.8,	275.0,	74.5,	-75.1,	68.1,	32	12.8,	283.8,	121.1,	-109.7,	60.5,
33	12.8,	283.9,	164.1,	-140.9,	51.1,	34	12.8,	275.4,	202.0,	-167.9,	40.1,
35	12.8,	258.6,	233.8,	-189.7,	27.9,	36	12.8,	233.8,	258.6,	-205.8,	14.8,

Model Output - High School Receptors

SOURCE ID: STCK15

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-211.8,	-0.9,	2	12.8,	164.1,	283.9,	-214.8,	-13.7,
3	12.8,	121.1,	283.8,	-211.2,	-26.1,	4	12.8,	74.5,	275.0,	-201.2,	-37.8,
5	12.8,	121.1,	283.8,	-198.1,	-48.3,	6	12.8,	164.1,	283.9,	-188.9,	-57.3,
7	12.8,	202.0,	275.4,	-174.0,	-64.6,	8	12.8,	233.8,	258.6,	-153.8,	-69.9,
9	12.8,	258.6,	233.8,	-128.9,	-73.1,	10	12.8,	275.4,	202.0,	-100.1,	-74.1,
11	12.8,	283.9,	164.1,	-68.3,	-72.8,	12	12.8,	283.8,	121.1,	-34.4,	-69.3,
13	12.8,	275.0,	74.5,	0.5,	-63.7,	14	12.8,	283.8,	121.1,	-12.3,	-56.2,
15	12.8,	283.9,	164.1,	-24.7,	-46.9,	16	12.8,	275.4,	202.0,	-36.4,	-36.3,
17	12.8,	258.6,	233.8,	-47.0,	-24.5,	18	12.8,	233.8,	258.6,	-56.2,	-12.0,
19	12.8,	202.0,	275.4,	-63.6,	0.9,	20	12.8,	164.1,	283.9,	-69.1,	13.7,
21	12.8,	121.1,	283.8,	-72.6,	26.1,	22	12.8,	74.5,	275.0,	-73.8,	37.8,
23	12.8,	121.1,	283.8,	-85.7,	48.3,	24	12.8,	164.1,	283.9,	-95.0,	57.3,
25	12.8,	202.0,	275.4,	-101.4,	64.6,	26	12.8,	233.8,	258.6,	-104.8,	69.9,
27	12.8,	258.6,	233.8,	-104.9,	73.1,	28	12.8,	275.4,	202.0,	-101.9,	74.1,
29	12.8,	283.9,	164.1,	-95.7,	72.8,	30	12.8,	283.8,	121.1,	-86.7,	69.3,
31	12.8,	275.0,	74.5,	-75.0,	63.7,	32	12.8,	283.8,	121.1,	-108.8,	56.2,
33	12.8,	283.9,	164.1,	-139.3,	46.9,	34	12.8,	275.4,	202.0,	-165.6,	36.3,
35	12.8,	258.6,	233.8,	-186.8,	24.5,	36	12.8,	233.8,	258.6,	-202.4,	12.0,

SOURCE ID: STCK16

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-208.1,	-3.0,	2	12.8,	164.1,	283.9,	-210.7,	-15.2,
3	12.8,	121.1,	283.8,	-207.0,	-26.9,	4	12.8,	74.5,	275.0,	-196.9,	-37.8,
5	12.8,	121.1,	283.8,	-193.8,	-47.6,	6	12.8,	164.1,	283.9,	-184.9,	-55.9,
7	12.8,	202.0,	275.4,	-170.3,	-62.5,	8	12.8,	233.8,	258.6,	-150.5,	-67.2,
9	12.8,	258.6,	233.8,	-126.1,	-69.8,	10	12.8,	275.4,	202.0,	-98.0,	-70.4,
11	12.8,	283.9,	164.1,	-66.8,	-68.8,	12	12.8,	283.8,	121.1,	-33.6,	-65.1,
13	12.8,	275.0,	74.5,	0.6,	-59.4,	14	12.8,	283.8,	121.1,	-13.0,	-52.0,
15	12.8,	283.9,	164.1,	-26.2,	-42.9,	16	12.8,	275.4,	202.0,	-38.5,	-32.6,
17	12.8,	258.6,	233.8,	-49.7,	-21.2,	18	12.8,	233.8,	258.6,	-59.4,	-9.2,
19	12.8,	202.0,	275.4,	-67.3,	3.0,	20	12.8,	164.1,	283.9,	-73.2,	15.2,
21	12.8,	121.1,	283.8,	-76.8,	26.9,	22	12.8,	74.5,	275.0,	-78.1,	37.8,
23	12.8,	121.1,	283.8,	-89.9,	47.6,	24	12.8,	164.1,	283.9,	-99.0,	55.9,
25	12.8,	202.0,	275.4,	-105.1,	62.5,	26	12.8,	233.8,	258.6,	-108.1,	67.2,
27	12.8,	258.6,	233.8,	-107.7,	69.8,	28	12.8,	275.4,	202.0,	-104.0,	70.4,
29	12.8,	283.9,	164.1,	-97.2,	68.8,	30	12.8,	283.8,	121.1,	-87.5,	65.1,
31	12.8,	275.0,	74.5,	-75.1,	59.4,	32	12.8,	283.8,	121.1,	-108.1,	52.0,
33	12.8,	283.9,	164.1,	-137.9,	42.9,	34	12.8,	275.4,	202.0,	-163.5,	32.6,
35	12.8,	258.6,	233.8,	-184.1,	21.2,	36	12.8,	233.8,	258.6,	-199.1,	9.2,

Model Output - High School Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK17

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-204.8,	-4.8,	2	12.8,	164.1,	283.9,	-207.1,	-16.4,
3	12.8,	121.1,	283.8,	-203.2,	-27.5,	4	12.8,	74.5,	275.0,	-193.2,	-37.7,
5	12.8,	121.1,	283.8,	-190.1,	-46.8,	6	12.8,	164.1,	283.9,	-181.4,	-54.5,
7	12.8,	202.0,	275.4,	-167.1,	-60.5,	8	12.8,	233.8,	258.6,	-147.7,	-64.6,
9	12.8,	258.6,	233.8,	-123.8,	-66.9,	10	12.8,	275.4,	202.0,	-96.2,	-67.0,
11	12.8,	283.9,	164.1,	-65.6,	-65.2,	12	12.8,	283.8,	121.1,	-33.1,	-61.3,
13	12.8,	275.0,	74.5,	0.5,	-55.6,	14	12.8,	283.8,	121.1,	-13.8,	-48.3,
15	12.8,	283.9,	164.1,	-27.6,	-39.4,	16	12.8,	275.4,	202.0,	-40.5,	-29.4,
17	12.8,	258.6,	233.8,	-52.3,	-18.4,	18	12.8,	233.8,	258.6,	-62.4,	-6.9,
19	12.8,	202.0,	275.4,	-70.7,	4.8,	20	12.8,	164.1,	283.9,	-76.8,	16.4,
21	12.8,	121.1,	283.8,	-80.5,	27.5,	22	12.8,	74.5,	275.0,	-81.8,	37.7,
23	12.8,	121.1,	283.8,	-93.6,	46.8,	24	12.8,	164.1,	283.9,	-102.5,	54.5,
25	12.8,	202.0,	275.4,	-108.3,	60.5,	26	12.8,	233.8,	258.6,	-110.9,	64.6,
27	12.8,	258.6,	233.8,	-110.0,	66.9,	28	12.8,	275.4,	202.0,	-105.8,	67.0,
29	12.8,	283.9,	164.1,	-98.4,	65.2,	30	12.8,	283.8,	121.1,	-88.0,	61.3,
31	12.8,	275.0,	74.5,	-74.9,	55.6,	32	12.8,	283.8,	121.1,	-107.3,	48.3,
33	12.8,	283.9,	164.1,	-136.5,	39.4,	34	12.8,	275.4,	202.0,	-161.5,	29.4,
35	12.8,	258.6,	233.8,	-181.6,	18.4,	36	12.8,	233.8,	258.6,	-196.1,	6.9,

SOURCE ID: STCK18

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-201.3,	-6.8,	2	12.8,	164.1,	283.9,	-203.4,	-17.7,
3	12.8,	121.1,	283.8,	-199.3,	-28.1,	4	12.8,	74.5,	275.0,	-189.2,	-37.6,
5	12.8,	121.1,	283.8,	-186.2,	-46.0,	6	12.8,	164.1,	283.9,	-177.6,	-53.1,
7	12.8,	202.0,	275.4,	-163.6,	-58.4,	8	12.8,	233.8,	258.6,	-144.7,	-62.1,
9	12.8,	258.6,	233.8,	-121.3,	-63.8,	10	12.8,	275.4,	202.0,	-94.2,	-63.6,
11	12.8,	283.9,	164.1,	-64.3,	-61.4,	12	12.8,	283.8,	121.1,	-32.4,	-57.4,
13	12.8,	275.0,	74.5,	0.4,	-51.7,	14	12.8,	283.8,	121.1,	-14.5,	-44.4,
15	12.8,	283.9,	164.1,	-29.0,	-35.7,	16	12.8,	275.4,	202.0,	-42.6,	-25.9,
17	12.8,	258.6,	233.8,	-54.8,	-15.4,	18	12.8,	233.8,	258.6,	-65.5,	-4.4,
19	12.8,	202.0,	275.4,	-74.1,	6.8,	20	12.8,	164.1,	283.9,	-80.5,	17.7,
21	12.8,	121.1,	283.8,	-84.4,	28.1,	22	12.8,	74.5,	275.0,	-85.8,	37.6,
23	12.8,	121.1,	283.8,	-97.5,	46.0,	24	12.8,	164.1,	283.9,	-106.2,	53.1,
25	12.8,	202.0,	275.4,	-111.8,	58.4,	26	12.8,	233.8,	258.6,	-113.9,	62.1,
27	12.8,	258.6,	233.8,	-112.5,	63.8,	28	12.8,	275.4,	202.0,	-107.8,	63.6,
29	12.8,	283.9,	164.1,	-99.7,	61.4,	30	12.8,	283.8,	121.1,	-88.6,	57.4,
31	12.8,	275.0,	74.5,	-74.9,	51.7,	32	12.8,	283.8,	121.1,	-106.6,	44.4,
33	12.8,	283.9,	164.1,	-135.1,	35.7,	34	12.8,	275.4,	202.0,	-159.5,	25.9,
35	12.8,	258.6,	233.8,	-179.0,	15.4,	36	12.8,	233.8,	258.6,	-193.1,	4.4,

Model Output - High School Receptors

SOURCE ID: STCK19

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-197.8,	-8.8,	2	12.8,	164.1,	283.9,	-199.6,	-19.1,
3	12.8,	121.1,	283.8,	-195.4,	-28.8,	4	12.8,	74.5,	275.0,	-185.2,	-37.7,
5	12.8,	121.1,	283.8,	-182.3,	-45.4,	6	12.8,	164.1,	283.9,	-173.9,	-51.7,
7	12.8,	202.0,	275.4,	-160.1,	-56.5,	8	12.8,	233.8,	258.6,	-141.6,	-59.5,
9	12.8,	258.6,	233.8,	-118.7,	-60.7,	10	12.8,	275.4,	202.0,	-92.2,	-60.1,
11	12.8,	283.9,	164.1,	-62.9,	-57.7,	12	12.8,	283.8,	121.1,	-31.7,	-53.5,
13	12.8,	275.0,	74.5,	0.4,	-47.7,	14	12.8,	283.8,	121.1,	-15.2,	-40.4,
15	12.8,	283.9,	164.1,	-30.3,	-31.9,	16	12.8,	275.4,	202.0,	-44.5,	-22.4,
17	12.8,	258.6,	233.8,	-57.4,	-12.3,	18	12.8,	233.8,	258.6,	-68.5,	-1.8,
19	12.8,	202.0,	275.4,	-77.6,	8.8,	20	12.8,	164.1,	283.9,	-84.3,	19.1,
21	12.8,	121.1,	283.8,	-88.4,	28.8,	22	12.8,	74.5,	275.0,	-89.8,	37.7,
23	12.8,	121.1,	283.8,	-101.5,	45.4,	24	12.8,	164.1,	283.9,	-110.0,	51.7,
25	12.8,	202.0,	275.4,	-115.3,	56.5,	26	12.8,	233.8,	258.6,	-117.0,	59.5,
27	12.8,	258.6,	233.8,	-115.1,	60.7,	28	12.8,	275.4,	202.0,	-109.8,	60.1,
29	12.8,	283.9,	164.1,	-101.1,	57.7,	30	12.8,	283.8,	121.1,	-89.4,	53.5,
31	12.8,	275.0,	74.5,	-74.9,	47.7,	32	12.8,	283.8,	121.1,	-105.9,	40.4,
33	12.8,	283.9,	164.1,	-133.7,	31.9,	34	12.8,	275.4,	202.0,	-157.5,	22.4,
35	12.8,	258.6,	233.8,	-176.4,	12.3,	36	12.8,	233.8,	258.6,	-190.0,	1.8,

SOURCE ID: STCK20

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-190.8,	-12.8,	2	12.8,	164.1,	283.9,	-192.0,	-21.9,
3	12.8,	121.1,	283.8,	-187.4,	-30.2,	4	12.8,	74.5,	275.0,	-177.1,	-37.6,
5	12.8,	121.1,	283.8,	-174.3,	-43.9,	6	12.8,	164.1,	283.9,	-166.2,	-48.9,
7	12.8,	202.0,	275.4,	-153.1,	-52.4,	8	12.8,	233.8,	258.6,	-135.4,	-54.3,
9	12.8,	258.6,	233.8,	-113.5,	-54.5,	10	12.8,	275.4,	202.0,	-88.2,	-53.1,
11	12.8,	283.9,	164.1,	-60.2,	-50.0,	12	12.8,	283.8,	121.1,	-30.3,	-45.5,
13	12.8,	275.0,	74.5,	0.4,	-39.5,	14	12.8,	283.8,	121.1,	-16.6,	-32.4,
15	12.8,	283.9,	164.1,	-33.1,	-24.3,	16	12.8,	275.4,	202.0,	-48.6,	-15.4,
17	12.8,	258.6,	233.8,	-62.7,	-6.1,	18	12.8,	233.8,	258.6,	-74.8,	3.4,
19	12.8,	202.0,	275.4,	-84.6,	12.8,	20	12.8,	164.1,	283.9,	-91.9,	21.9,
21	12.8,	121.1,	283.8,	-96.4,	30.2,	22	12.8,	74.5,	275.0,	-98.0,	37.6,
23	12.8,	121.1,	283.8,	-109.5,	43.9,	24	12.8,	164.1,	283.9,	-117.7,	48.9,
25	12.8,	202.0,	275.4,	-122.3,	52.4,	26	12.8,	233.8,	258.6,	-123.2,	54.3,
27	12.8,	258.6,	233.8,	-120.3,	54.5,	28	12.8,	275.4,	202.0,	-113.8,	53.1,
29	12.8,	283.9,	164.1,	-103.9,	50.0,	30	12.8,	283.8,	121.1,	-90.8,	45.5,
31	12.8,	275.0,	74.5,	-74.9,	39.5,	32	12.8,	283.8,	121.1,	-104.5,	32.4,
33	12.8,	283.9,	164.1,	-130.9,	24.3,	34	12.8,	275.4,	202.0,	-153.4,	15.4,
35	12.8,	258.6,	233.8,	-171.2,	6.1,	36	12.8,	233.8,	258.6,	-183.8,	-3.4,

Model Output - High School Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK21

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-187.2,	-14.9,	2	12.8,	164.1,	283.9,	-188.1,	-23.2,
3	12.8,	121.1,	283.8,	-183.3,	-30.9,	4	12.8,	74.5,	275.0,	-173.0,	-37.6,
5	12.8,	121.1,	283.8,	-170.3,	-43.2,	6	12.8,	164.1,	283.9,	-162.4,	-47.5,
7	12.8,	202.0,	275.4,	-149.6,	-50.3,	8	12.8,	233.8,	258.6,	-132.2,	-51.6,
9	12.8,	258.6,	233.8,	-110.9,	-51.3,	10	12.8,	275.4,	202.0,	-86.1,	-49.5,
11	12.8,	283.9,	164.1,	-58.8,	-46.2,	12	12.8,	283.8,	121.1,	-29.7,	-41.4,
13	12.8,	275.0,	74.5,	0.4,	-35.4,	14	12.8,	283.8,	121.1,	-17.4,	-28.4,
15	12.8,	283.9,	164.1,	-34.5,	-20.4,	16	12.8,	275.4,	202.0,	-50.7,	-11.9,
17	12.8,	258.6,	233.8,	-65.3,	-3.0,	18	12.8,	233.8,	258.6,	-77.9,	6.0,
19	12.8,	202.0,	275.4,	-88.2,	14.9,	20	12.8,	164.1,	283.9,	-95.8,	23.2,
21	12.8,	121.1,	283.8,	-100.4,	30.9,	22	12.8,	74.5,	275.0,	-102.1,	37.6,
23	12.8,	121.1,	283.8,	-113.5,	43.2,	24	12.8,	164.1,	283.9,	-121.5,	47.5,
25	12.8,	202.0,	275.4,	-125.8,	50.3,	26	12.8,	233.8,	258.6,	-126.3,	51.6,
27	12.8,	258.6,	233.8,	-123.0,	51.3,	28	12.8,	275.4,	202.0,	-115.9,	49.5,
29	12.8,	283.9,	164.1,	-105.2,	46.2,	30	12.8,	283.8,	121.1,	-91.5,	41.4,
31	12.8,	275.0,	74.5,	-74.9,	35.4,	32	12.8,	283.8,	121.1,	-103.8,	28.4,
33	12.8,	283.9,	164.1,	-129.5,	20.4,	34	12.8,	275.4,	202.0,	-151.3,	11.9,
35	12.8,	258.6,	233.8,	-168.5,	3.0,	36	12.8,	233.8,	258.6,	-180.6,	-6.0,

SOURCE ID: STCK22

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-184.1,	-16.9,	2	12.8,	164.1,	283.9,	-184.7,	-24.7,
3	12.8,	121.1,	283.8,	-179.7,	-31.7,	4	12.8,	74.5,	275.0,	-169.3,	-37.8,
5	12.8,	121.1,	283.8,	-166.6,	-42.8,	6	12.8,	164.1,	283.9,	-158.9,	-46.4,
7	12.8,	202.0,	275.4,	-146.3,	-48.6,	8	12.8,	233.8,	258.6,	-129.3,	-49.4,
9	12.8,	258.6,	233.8,	-108.4,	-48.6,	10	12.8,	275.4,	202.0,	-84.1,	-46.4,
11	12.8,	283.9,	164.1,	-57.4,	-42.8,	12	12.8,	283.8,	121.1,	-28.8,	-37.8,
13	12.8,	275.0,	74.5,	0.6,	-31.8,	14	12.8,	283.8,	121.1,	-17.8,	-24.7,
15	12.8,	283.9,	164.1,	-35.6,	-16.9,	16	12.8,	275.4,	202.0,	-52.4,	-8.6,
17	12.8,	258.6,	233.8,	-67.5,	-0.0,	18	12.8,	233.8,	258.6,	-80.6,	8.6,
19	12.8,	202.0,	275.4,	-91.3,	16.9,	20	12.8,	164.1,	283.9,	-99.2,	24.7,
21	12.8,	121.1,	283.8,	-104.0,	31.7,	22	12.8,	74.5,	275.0,	-105.7,	37.8,
23	12.8,	121.1,	283.8,	-117.2,	42.8,	24	12.8,	164.1,	283.9,	-125.0,	46.4,
25	12.8,	202.0,	275.4,	-129.1,	48.6,	26	12.8,	233.8,	258.6,	-129.2,	49.4,
27	12.8,	258.6,	233.8,	-125.5,	48.6,	28	12.8,	275.4,	202.0,	-117.9,	46.4,
29	12.8,	283.9,	164.1,	-106.7,	42.8,	30	12.8,	283.8,	121.1,	-92.3,	37.8,
31	12.8,	275.0,	74.5,	-75.0,	31.8,	32	12.8,	283.8,	121.1,	-103.3,	24.7,
33	12.8,	283.9,	164.1,	-128.4,	16.9,	34	12.8,	275.4,	202.0,	-149.6,	8.6,
35	12.8,	258.6,	233.8,	-166.3,	0.0,	36	12.8,	233.8,	258.6,	-177.9,	-8.6,

Model Output - High School Receptors

SOURCE ID: STCK23

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-180.1,	-19.0,	2	12.8,	164.1,	283.9,	-180.4,	-26.0,
3	12.8,	121.1,	283.8,	-175.2,	-32.3,	4	12.8,	74.5,	275.0,	-164.7,	-37.6,
5	12.8,	121.1,	283.8,	-162.1,	-41.8,	6	12.8,	164.1,	283.9,	-154.6,	-44.6,
7	12.8,	202.0,	275.4,	-142.4,	-46.2,	8	12.8,	233.8,	258.6,	-125.9,	-46.3,
9	12.8,	258.6,	233.8,	-105.6,	-45.0,	10	12.8,	275.4,	202.0,	-82.0,	-42.3,
11	12.8,	283.9,	164.1,	-56.0,	-38.4,	12	12.8,	283.8,	121.1,	-28.2,	-33.3,
13	12.8,	275.0,	74.5,	0.4,	-27.2,	14	12.8,	283.8,	121.1,	-18.8,	-20.2,
15	12.8,	283.9,	164.1,	-37.4,	-12.7,	16	12.8,	275.4,	202.0,	-54.8,	-4.7,
17	12.8,	258.6,	233.8,	-70.6,	3.3,	18	12.8,	233.8,	258.6,	-84.3,	11.3,
19	12.8,	202.0,	275.4,	-95.3,	19.0,	20	12.8,	164.1,	283.9,	-103.5,	26.0,
21	12.8,	121.1,	283.8,	-108.6,	32.3,	22	12.8,	74.5,	275.0,	-110.3,	37.6,
23	12.8,	121.1,	283.8,	-121.6,	41.8,	24	12.8,	164.1,	283.9,	-129.3,	44.6,
25	12.8,	202.0,	275.4,	-133.0,	46.2,	26	12.8,	233.8,	258.6,	-132.6,	46.3,
27	12.8,	258.6,	233.8,	-128.2,	45.0,	28	12.8,	275.4,	202.0,	-120.0,	42.3,
29	12.8,	283.9,	164.1,	-108.1,	38.4,	30	12.8,	283.8,	121.1,	-92.9,	33.3,
31	12.8,	275.0,	74.5,	-74.9,	27.2,	32	12.8,	283.8,	121.1,	-102.3,	20.2,
33	12.8,	283.9,	164.1,	-126.7,	12.7,	34	12.8,	275.4,	202.0,	-147.2,	4.7,
35	12.8,	258.6,	233.8,	-163.2,	-3.3,	36	12.8,	233.8,	258.6,	-174.3,	-11.3,

SOURCE ID: STCK24

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-176.7,	-20.9,	2	12.8,	164.1,	283.9,	-176.7,	-27.4,
3	12.8,	121.1,	283.8,	-171.4,	-33.0,	4	12.8,	74.5,	275.0,	-160.8,	-37.6,
5	12.8,	121.1,	283.8,	-158.3,	-41.1,	6	12.8,	164.1,	283.9,	-151.0,	-43.3,
7	12.8,	202.0,	275.4,	-139.1,	-44.2,	8	12.8,	233.8,	258.6,	-122.9,	-43.8,
9	12.8,	258.6,	233.8,	-103.1,	-42.0,	10	12.8,	275.4,	202.0,	-80.1,	-39.0,
11	12.8,	283.9,	164.1,	-54.6,	-34.8,	12	12.8,	283.8,	121.1,	-27.6,	-29.5,
13	12.8,	275.0,	74.5,	0.4,	-23.3,	14	12.8,	283.8,	121.1,	-19.5,	-16.4,
15	12.8,	283.9,	164.1,	-38.7,	-9.0,	16	12.8,	275.4,	202.0,	-56.8,	-1.4,
17	12.8,	258.6,	233.8,	-73.1,	6.3,	18	12.8,	233.8,	258.6,	-87.2,	13.9,
19	12.8,	202.0,	275.4,	-98.7,	20.9,	20	12.8,	164.1,	283.9,	-107.2,	27.4,
21	12.8,	121.1,	283.8,	-112.4,	33.0,	22	12.8,	74.5,	275.0,	-114.2,	37.6,
23	12.8,	121.1,	283.8,	-125.5,	41.1,	24	12.8,	164.1,	283.9,	-132.9,	43.3,
25	12.8,	202.0,	275.4,	-136.3,	44.2,	26	12.8,	233.8,	258.6,	-135.6,	43.8,
27	12.8,	258.6,	233.8,	-130.8,	42.0,	28	12.8,	275.4,	202.0,	-121.9,	39.0,
29	12.8,	283.9,	164.1,	-109.4,	34.8,	30	12.8,	283.8,	121.1,	-93.6,	29.5,
31	12.8,	275.0,	74.5,	-74.9,	23.3,	32	12.8,	283.8,	121.1,	-101.6,	16.4,
33	12.8,	283.9,	164.1,	-125.3,	9.0,	34	12.8,	275.4,	202.0,	-145.2,	1.4,
35	12.8,	258.6,	233.8,	-160.7,	-6.3,	36	12.8,	233.8,	258.6,	-171.3,	-13.9,

Model Output - High School Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK25

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-173.0,	-22.9,	2	12.8,	164.1,	283.9,	-172.8,	-28.7,
3	12.8,	121.1,	283.8,	-167.2,	-33.6,	4	12.8,	74.5,	275.0,	-156.6,	-37.5,
5	12.8,	121.1,	283.8,	-154.2,	-40.3,	6	12.8,	164.1,	283.9,	-147.1,	-41.8,
7	12.8,	202.0,	275.4,	-135.5,	-42.1,	8	12.8,	233.8,	258.6,	-119.8,	-41.0,
9	12.8,	258.6,	233.8,	-100.5,	-38.8,	10	12.8,	275.4,	202.0,	-78.1,	-35.3,
11	12.8,	283.9,	164.1,	-53.3,	-30.8,	12	12.8,	283.8,	121.1,	-26.9,	-25.4,
13	12.8,	275.0,	74.5,	0.3,	-19.1,	14	12.8,	283.8,	121.1,	-20.3,	-12.3,
15	12.8,	283.9,	164.1,	-40.2,	-5.1,	16	12.8,	275.4,	202.0,	-58.9,	2.2,
17	12.8,	258.6,	233.8,	-75.9,	9.5,	18	12.8,	233.8,	258.6,	-90.5,	16.5,
19	12.8,	202.0,	275.4,	-102.4,	22.9,	20	12.8,	164.1,	283.9,	-111.1,	28.7,
21	12.8,	121.1,	283.8,	-116.5,	33.6,	22	12.8,	74.5,	275.0,	-118.4,	37.5,
23	12.8,	121.1,	283.8,	-129.6,	40.3,	24	12.8,	164.1,	283.9,	-136.8,	41.8,
25	12.8,	202.0,	275.4,	-139.9,	42.1,	26	12.8,	233.8,	258.6,	-138.7,	41.0,
27	12.8,	258.6,	233.8,	-133.4,	38.8,	28	12.8,	275.4,	202.0,	-123.9,	35.3,
29	12.8,	283.9,	164.1,	-110.8,	30.8,	30	12.8,	283.8,	121.1,	-94.2,	25.4,
31	12.8,	275.0,	74.5,	-74.8,	19.1,	32	12.8,	283.8,	121.1,	-100.8,	12.3,
33	12.8,	283.9,	164.1,	-123.8,	5.1,	34	12.8,	275.4,	202.0,	-143.1,	-2.2,
35	12.8,	258.6,	233.8,	-158.0,	-9.5,	36	12.8,	233.8,	258.6,	-168.1,	-16.5,

SOURCE ID: STCK26

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-169.5,	-25.2,	2	12.8,	164.1,	283.9,	-168.9,	-30.3,
3	12.8,	121.1,	283.8,	-163.2,	-34.5,	4	12.8,	74.5,	275.0,	-152.5,	-37.7,
5	12.8,	121.1,	283.8,	-150.1,	-39.7,	6	12.8,	164.1,	283.9,	-143.1,	-40.5,
7	12.8,	202.0,	275.4,	-131.8,	-40.1,	8	12.8,	233.8,	258.6,	-116.5,	-38.5,
9	12.8,	258.6,	233.8,	-97.7,	-35.7,	10	12.8,	275.4,	202.0,	-75.8,	-31.8,
11	12.8,	283.9,	164.1,	-51.7,	-27.0,	12	12.8,	283.8,	121.1,	-26.0,	-21.3,
13	12.8,	275.0,	74.5,	0.5,	-15.0,	14	12.8,	283.8,	121.1,	-20.8,	-8.2,
15	12.8,	283.9,	164.1,	-41.5,	-1.2,	16	12.8,	275.4,	202.0,	-60.9,	5.9,
17	12.8,	258.6,	233.8,	-78.4,	12.8,	18	12.8,	233.8,	258.6,	-93.6,	19.2,
19	12.8,	202.0,	275.4,	-105.9,	25.2,	20	12.8,	164.1,	283.9,	-115.0,	30.3,
21	12.8,	121.1,	283.8,	-120.6,	34.5,	22	12.8,	74.5,	275.0,	-122.5,	37.7,
23	12.8,	121.1,	283.8,	-133.7,	39.7,	24	12.8,	164.1,	283.9,	-140.8,	40.5,
25	12.8,	202.0,	275.4,	-143.6,	40.1,	26	12.8,	233.8,	258.6,	-142.0,	38.5,
27	12.8,	258.6,	233.8,	-136.2,	35.7,	28	12.8,	275.4,	202.0,	-126.2,	31.8,
29	12.8,	283.9,	164.1,	-112.3,	27.0,	30	12.8,	283.8,	121.1,	-95.1,	21.3,
31	12.8,	275.0,	74.5,	-74.9,	15.0,	32	12.8,	283.8,	121.1,	-100.3,	8.2,
33	12.8,	283.9,	164.1,	-122.6,	1.2,	34	12.8,	275.4,	202.0,	-141.1,	-5.9,
35	12.8,	258.6,	233.8,	-155.4,	-12.8,	36	12.8,	233.8,	258.6,	-165.0,	-19.2,

Model Output - High School Receptors

SOURCE ID: STCK27

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-162.6,	-28.9,	2	12.8,	164.1,	283.9,	-161.5,	-32.8,
3	12.8,	121.1,	283.8,	-155.4,	-35.7,	4	12.8,	74.5,	275.0,	-144.6,	-37.5,
5	12.8,	121.1,	283.8,	-142.4,	-38.2,	6	12.8,	164.1,	283.9,	-135.8,	-37.7,
7	12.8,	202.0,	275.4,	-125.1,	-36.0,	8	12.8,	233.8,	258.6,	-110.6,	-33.3,
9	12.8,	258.6,	233.8,	-92.7,	-29.6,	10	12.8,	275.4,	202.0,	-72.1,	-24.9,
11	12.8,	283.9,	164.1,	-49.2,	-19.5,	12	12.8,	283.8,	121.1,	-24.8,	-13.5,
13	12.8,	275.0,	74.5,	0.3,	-7.1,	14	12.8,	283.8,	121.1,	-22.4,	-0.5,
15	12.8,	283.9,	164.1,	-44.3,	6.1,	16	12.8,	275.4,	202.0,	-65.0,	12.6,
17	12.8,	258.6,	233.8,	-83.6,	18.7,	18	12.8,	233.8,	258.6,	-99.7,	24.2,
19	12.8,	202.0,	275.4,	-112.8,	28.9,	20	12.8,	164.1,	283.9,	-122.4,	32.8,
21	12.8,	121.1,	283.8,	-128.4,	35.7,	22	12.8,	74.5,	275.0,	-130.4,	37.5,
23	12.8,	121.1,	283.8,	-141.4,	38.2,	24	12.8,	164.1,	283.9,	-148.1,	37.7,
25	12.8,	202.0,	275.4,	-150.3,	36.0,	26	12.8,	233.8,	258.6,	-148.0,	33.3,
27	12.8,	258.6,	233.8,	-141.1,	29.6,	28	12.8,	275.4,	202.0,	-130.0,	24.9,
29	12.8,	283.9,	164.1,	-114.8,	19.5,	30	12.8,	283.8,	121.1,	-96.3,	13.5,
31	12.8,	275.0,	74.5,	-74.8,	7.1,	32	12.8,	283.8,	121.1,	-98.7,	0.5,
33	12.8,	283.9,	164.1,	-119.7,	-6.1,	34	12.8,	275.4,	202.0,	-137.1,	-12.6,
35	12.8,	258.6,	233.8,	-150.2,	-18.7,	36	12.8,	233.8,	258.6,	-158.8,	-24.2,

SOURCE ID: STCK28

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-159.1,	-31.2,	2	12.8,	164.1,	283.9,	-157.6,	-34.5,
3	12.8,	121.1,	283.8,	-151.3,	-36.7,	4	12.8,	74.5,	275.0,	-140.4,	-37.8,
5	12.8,	121.1,	283.8,	-138.2,	-37.7,	6	12.8,	164.1,	283.9,	-131.8,	-36.5,
7	12.8,	202.0,	275.4,	-121.3,	-34.1,	8	12.8,	233.8,	258.6,	-107.2,	-30.8,
9	12.8,	258.6,	233.8,	-89.9,	-26.5,	10	12.8,	275.4,	202.0,	-69.8,	-21.4,
11	12.8,	283.9,	164.1,	-47.5,	-15.6,	12	12.8,	283.8,	121.1,	-23.9,	-9.4,
13	12.8,	275.0,	74.5,	0.5,	-2.9,	14	12.8,	283.8,	121.1,	-22.9,	3.7,
15	12.8,	283.9,	164.1,	-45.6,	10.2,	16	12.8,	275.4,	202.0,	-66.9,	16.4,
17	12.8,	258.6,	233.8,	-86.1,	22.0,	18	12.8,	233.8,	258.6,	-102.8,	27.1,
19	12.8,	202.0,	275.4,	-116.3,	31.2,	20	12.8,	164.1,	283.9,	-126.3,	34.5,
21	12.8,	121.1,	283.8,	-132.5,	36.7,	22	12.8,	74.5,	275.0,	-134.6,	37.8,
23	12.8,	121.1,	283.8,	-145.6,	37.7,	24	12.8,	164.1,	283.9,	-152.1,	36.5,
25	12.8,	202.0,	275.4,	-154.1,	34.1,	26	12.8,	233.8,	258.6,	-151.3,	30.8,
27	12.8,	258.6,	233.8,	-144.0,	26.5,	28	12.8,	275.4,	202.0,	-132.2,	21.4,
29	12.8,	283.9,	164.1,	-116.5,	15.6,	30	12.8,	283.8,	121.1,	-97.2,	9.4,
31	12.8,	275.0,	74.5,	-75.0,	2.9,	32	12.8,	283.8,	121.1,	-98.2,	-3.7,
33	12.8,	283.9,	164.1,	-118.5,	-10.2,	34	12.8,	275.4,	202.0,	-135.2,	-16.4,
35	12.8,	258.6,	233.8,	-147.7,	-22.0,	36	12.8,	233.8,	258.6,	-155.8,	-27.1,

Model Output - High School Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK29

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-155.6,	-33.2,	2	12.8,	164.1,	283.9,	-153.9,	-35.8,
3	12.8,	121.1,	283.8,	-147.4,	-37.3,	4	12.8,	74.5,	275.0,	-136.5,	-37.7,
5	12.8,	121.1,	283.8,	-134.3,	-36.9,	6	12.8,	164.1,	283.9,	-128.1,	-35.1,
7	12.8,	202.0,	275.4,	-117.9,	-32.1,	8	12.8,	233.8,	258.6,	-104.2,	-28.2,
9	12.8,	258.6,	233.8,	-87.3,	-23.4,	10	12.8,	275.4,	202.0,	-67.8,	-17.9,
11	12.8,	283.9,	164.1,	-46.2,	-11.9,	12	12.8,	283.8,	121.1,	-23.2,	-5.5,
13	12.8,	275.0,	74.5,	0.5,	1.1,	14	12.8,	283.8,	121.1,	-23.6,	7.6,
15	12.8,	283.9,	164.1,	-47.0,	13.9,	16	12.8,	275.4,	202.0,	-68.9,	19.8,
17	12.8,	258.6,	233.8,	-88.7,	25.1,	18	12.8,	233.8,	258.6,	-105.8,	29.6,
19	12.8,	202.0,	275.4,	-119.8,	33.2,	20	12.8,	164.1,	283.9,	-130.1,	35.8,
21	12.8,	121.1,	283.8,	-136.4,	37.3,	22	12.8,	74.5,	275.0,	-138.6,	37.7,
23	12.8,	121.1,	283.8,	-149.5,	36.9,	24	12.8,	164.1,	283.9,	-155.8,	35.1,
25	12.8,	202.0,	275.4,	-157.5,	32.1,	26	12.8,	233.8,	258.6,	-154.3,	28.2,
27	12.8,	258.6,	233.8,	-146.5,	23.4,	28	12.8,	275.4,	202.0,	-134.2,	17.9,
29	12.8,	283.9,	164.1,	-117.8,	11.9,	30	12.8,	283.8,	121.1,	-97.9,	5.5,
31	12.8,	275.0,	74.5,	-75.0,	-1.1,	32	12.8,	283.8,	121.1,	-97.5,	-7.6,
33	12.8,	283.9,	164.1,	-117.1,	-13.9,	34	12.8,	275.4,	202.0,	-133.1,	-19.8,
35	12.8,	258.6,	233.8,	-145.1,	-25.1,	36	12.8,	233.8,	258.6,	-152.7,	-29.6,

SOURCE ID: STCK30

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-151.6,	-35.3,	2	12.8,	164.1,	283.9,	-149.5,	-37.2,
3	12.8,	121.1,	283.8,	-142.8,	-37.9,	4	12.8,	74.5,	275.0,	-131.9,	-37.5,
5	12.8,	121.1,	283.8,	-129.8,	-36.0,	6	12.8,	164.1,	283.9,	-123.8,	-33.3,
7	12.8,	202.0,	275.4,	-114.1,	-29.7,	8	12.8,	233.8,	258.6,	-100.8,	-25.1,
9	12.8,	258.6,	233.8,	-84.5,	-19.8,	10	12.8,	275.4,	202.0,	-65.7,	-13.9,
11	12.8,	283.9,	164.1,	-44.8,	-7.5,	12	12.8,	283.8,	121.1,	-22.6,	-1.0,
13	12.8,	275.0,	74.5,	0.3,	5.6,	14	12.8,	283.8,	121.1,	-24.6,	12.1,
15	12.8,	283.9,	164.1,	-48.7,	18.1,	16	12.8,	275.4,	202.0,	-71.3,	23.6,
17	12.8,	258.6,	233.8,	-91.8,	28.4,	18	12.8,	233.8,	258.6,	-109.5,	32.4,
19	12.8,	202.0,	275.4,	-123.8,	35.3,	20	12.8,	164.1,	283.9,	-134.4,	37.2,
21	12.8,	121.1,	283.8,	-140.9,	37.9,	22	12.8,	74.5,	275.0,	-143.1,	37.5,
23	12.8,	121.1,	283.8,	-154.0,	36.0,	24	12.8,	164.1,	283.9,	-160.1,	33.3,
25	12.8,	202.0,	275.4,	-161.4,	29.7,	26	12.8,	233.8,	258.6,	-157.7,	25.1,
27	12.8,	258.6,	233.8,	-149.3,	19.8,	28	12.8,	275.4,	202.0,	-136.3,	13.9,
29	12.8,	283.9,	164.1,	-119.2,	7.5,	30	12.8,	283.8,	121.1,	-98.5,	1.0,
31	12.8,	275.0,	74.5,	-74.8,	-5.6,	32	12.8,	283.8,	121.1,	-96.5,	-12.1,
33	12.8,	283.9,	164.1,	-115.3,	-18.1,	34	12.8,	275.4,	202.0,	-130.7,	-23.6,
35	12.8,	258.6,	233.8,	-142.0,	-28.4,	36	12.8,	233.8,	258.6,	-149.1,	-32.4,

Model Output - High School Receptors

SOURCE ID: STCK31

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-148.0,	-37.5,	2	12.8,	164.1,	283.9,	-145.6,	-38.7,
3	12.8,	121.1,	283.8,	-138.7,	-38.8,	4	12.8,	74.5,	275.0,	-127.6,	-37.6,
5	12.8,	121.1,	283.8,	-125.6,	-35.3,	6	12.8,	164.1,	283.9,	-119.8,	-32.0,
7	12.8,	202.0,	275.4,	-110.4,	-27.7,	8	12.8,	233.8,	258.6,	-97.5,	-22.5,
9	12.8,	258.6,	233.8,	-81.8,	-16.6,	10	12.8,	275.4,	202.0,	-63.5,	-10.3,
11	12.8,	283.9,	164.1,	-43.3,	-3.6,	12	12.8,	283.8,	121.1,	-21.8,	3.2,
13	12.8,	275.0,	74.5,	0.4,	9.9,	14	12.8,	283.8,	121.1,	-25.2,	16.2,
15	12.8,	283.9,	164.1,	-50.0,	22.1,	16	12.8,	275.4,	202.0,	-73.3,	27.4,
17	12.8,	258.6,	233.8,	-94.4,	31.7,	18	12.8,	233.8,	258.6,	-112.6,	35.2,
19	12.8,	202.0,	275.4,	-127.4,	37.5,	20	12.8,	164.1,	283.9,	-138.3,	38.7,
21	12.8,	121.1,	283.8,	-145.1,	38.8,	22	12.8,	74.5,	275.0,	-147.4,	37.6,
23	12.8,	121.1,	283.8,	-158.1,	35.3,	24	12.8,	164.1,	283.9,	-164.1,	32.0,
25	12.8,	202.0,	275.4,	-165.1,	27.7,	26	12.8,	233.8,	258.6,	-161.0,	22.5,
27	12.8,	258.6,	233.8,	-152.1,	16.6,	28	12.8,	275.4,	202.0,	-138.5,	10.3,
29	12.8,	283.9,	164.1,	-120.8,	3.6,	30	12.8,	283.8,	121.1,	-99.3,	-3.2,
31	12.8,	275.0,	74.5,	-74.9,	-9.9,	32	12.8,	283.8,	121.1,	-95.9,	-16.2,
33	12.8,	283.9,	164.1,	-114.0,	-22.1,	34	12.8,	275.4,	202.0,	-128.7,	-27.4,
35	12.8,	258.6,	233.8,	-139.4,	-31.7,	36	12.8,	233.8,	258.6,	-145.9,	-35.2,

SOURCE ID: STCK32

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-144.8,	-39.3,	2	12.8,	164.1,	283.9,	-142.1,	-39.9,
3	12.8,	121.1,	283.8,	-135.1,	-39.4,	4	12.8,	74.5,	275.0,	-124.0,	-37.6,
5	12.8,	121.1,	283.8,	-122.1,	-34.7,	6	12.8,	164.1,	283.9,	-116.4,	-30.7,
7	12.8,	202.0,	275.4,	-107.2,	-25.8,	8	12.8,	233.8,	258.6,	-94.8,	-20.1,
9	12.8,	258.6,	233.8,	-79.4,	-13.8,	10	12.8,	275.4,	202.0,	-61.7,	-7.1,
11	12.8,	283.9,	164.1,	-42.1,	-0.2,	12	12.8,	283.8,	121.1,	-21.2,	6.8,
13	12.8,	275.0,	74.5,	0.4,	13.5,	14	12.8,	283.8,	121.1,	-25.9,	19.8,
15	12.8,	283.9,	164.1,	-51.3,	25.5,	16	12.8,	275.4,	202.0,	-75.2,	30.5,
17	12.8,	258.6,	233.8,	-96.8,	34.5,	18	12.8,	233.8,	258.6,	-115.4,	37.5,
19	12.8,	202.0,	275.4,	-130.6,	39.3,	20	12.8,	164.1,	283.9,	-141.8,	39.9,
21	12.8,	121.1,	283.8,	-148.6,	39.4,	22	12.8,	74.5,	275.0,	-151.0,	37.6,
23	12.8,	121.1,	283.8,	-161.7,	34.7,	24	12.8,	164.1,	283.9,	-167.5,	30.7,
25	12.8,	202.0,	275.4,	-168.2,	25.8,	26	12.8,	233.8,	258.6,	-163.8,	20.1,
27	12.8,	258.6,	233.8,	-154.4,	13.8,	28	12.8,	275.4,	202.0,	-140.3,	7.1,
29	12.8,	283.9,	164.1,	-122.0,	0.2,	30	12.8,	283.8,	121.1,	-99.9,	-6.8,
31	12.8,	275.0,	74.5,	-74.8,	-13.5,	32	12.8,	283.8,	121.1,	-95.2,	-19.8,
33	12.8,	283.9,	164.1,	-112.8,	-25.5,	34	12.8,	275.4,	202.0,	-126.8,	-30.5,
35	12.8,	258.6,	233.8,	-137.1,	-34.5,	36	12.8,	233.8,	258.6,	-143.1,	-37.5,

Model Output - High School Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK33

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-141.1,	-41.6,	2	12.8,	164.1,	283.9,	-138.1,	-41.5,
3	12.8,	121.1,	283.8,	-130.9,	-40.2,	4	12.8,	74.5,	275.0,	-119.7,	-37.7,
5	12.8,	121.1,	283.8,	-117.8,	-34.0,	6	12.8,	164.1,	283.9,	-112.3,	-29.4,
7	12.8,	202.0,	275.4,	-103.4,	-23.8,	8	12.8,	233.8,	258.6,	-91.4,	-17.4,
9	12.8,	258.6,	233.8,	-76.5,	-10.6,	10	12.8,	275.4,	202.0,	-59.4,	-3.4,
11	12.8,	283.9,	164.1,	-40.5,	3.9,	12	12.8,	283.8,	121.1,	-20.3,	11.0,
13	12.8,	275.0,	74.5,	0.5,	17.8,	14	12.8,	283.8,	121.1,	-26.5,	24.1,
15	12.8,	283.9,	164.1,	-52.7,	29.7,	16	12.8,	275.4,	202.0,	-77.2,	34.3,
17	12.8,	258.6,	233.8,	-99.5,	37.9,	18	12.8,	233.8,	258.6,	-118.7,	40.4,
19	12.8,	202.0,	275.4,	-134.3,	41.6,	20	12.8,	164.1,	283.9,	-145.8,	41.5,
21	12.8,	121.1,	283.8,	-152.9,	40.2,	22	12.8,	74.5,	275.0,	-155.3,	37.7,
23	12.8,	121.1,	283.8,	-166.0,	34.0,	24	12.8,	164.1,	283.9,	-171.6,	29.4,
25	12.8,	202.0,	275.4,	-172.0,	23.8,	26	12.8,	233.8,	258.6,	-167.2,	17.4,
27	12.8,	258.6,	233.8,	-157.3,	10.6,	28	12.8,	275.4,	202.0,	-142.6,	3.4,
29	12.8,	283.9,	164.1,	-123.6,	-3.9,	30	12.8,	283.8,	121.1,	-100.8,	-11.0,
31	12.8,	275.0,	74.5,	-75.0,	-17.8,	32	12.8,	283.8,	121.1,	-94.6,	-24.1,
33	12.8,	283.9,	164.1,	-111.4,	-29.7,	34	12.8,	275.4,	202.0,	-124.8,	-34.3,
35	12.8,	258.6,	233.8,	-134.4,	-37.9,	36	12.8,	233.8,	258.6,	-139.9,	-40.4,

SOURCE ID: STCK34

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-134.2,	-45.5,	2	12.8,	164.1,	283.9,	-130.6,	-44.2,
3	12.8,	121.1,	283.8,	-123.0,	-41.5,	4	12.8,	74.5,	275.0,	-111.7,	-37.6,
5	12.8,	121.1,	283.8,	-110.0,	-32.6,	6	12.8,	164.1,	283.9,	-104.9,	-26.5,
7	12.8,	202.0,	275.4,	-96.6,	-19.7,	8	12.8,	233.8,	258.6,	-85.3,	-12.3,
9	12.8,	258.6,	233.8,	-71.5,	-4.4,	10	12.8,	275.4,	202.0,	-55.5,	3.5,
11	12.8,	283.9,	164.1,	-37.9,	11.4,	12	12.8,	283.8,	121.1,	-19.0,	18.8,
13	12.8,	275.0,	74.5,	0.4,	25.8,	14	12.8,	283.8,	121.1,	-28.0,	31.9,
15	12.8,	283.9,	164.1,	-55.5,	37.1,	16	12.8,	275.4,	202.0,	-81.3,	41.1,
17	12.8,	258.6,	233.8,	-104.7,	43.9,	18	12.8,	233.8,	258.6,	-124.8,	45.4,
19	12.8,	202.0,	275.4,	-141.2,	45.5,	20	12.8,	164.1,	283.9,	-153.3,	44.2,
21	12.8,	121.1,	283.8,	-160.7,	41.5,	22	12.8,	74.5,	275.0,	-163.3,	37.6,
23	12.8,	121.1,	283.8,	-173.8,	32.6,	24	12.8,	164.1,	283.9,	-179.0,	26.5,
25	12.8,	202.0,	275.4,	-178.8,	19.7,	26	12.8,	233.8,	258.6,	-173.2,	12.3,
27	12.8,	258.6,	233.8,	-162.3,	4.4,	28	12.8,	275.4,	202.0,	-146.5,	-3.5,
29	12.8,	283.9,	164.1,	-126.2,	-11.4,	30	12.8,	283.8,	121.1,	-102.1,	-18.8,
31	12.8,	275.0,	74.5,	-74.9,	-25.8,	32	12.8,	283.8,	121.1,	-93.1,	-31.9,
33	12.8,	283.9,	164.1,	-108.6,	-37.1,	34	12.8,	275.4,	202.0,	-120.7,	-41.1,
35	12.8,	258.6,	233.8,	-129.2,	-43.9,	36	12.8,	233.8,	258.6,	-133.7,	-45.4,

Model Output - High School Receptors

SOURCE ID: STCK35

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-130.6,	-47.6,	2	12.8,	164.1,	283.9,	-126.7,	-45.6,
3	12.8,	121.1,	283.8,	-119.0,	-42.3,	4	12.8,	74.5,	275.0,	-107.6,	-37.7,
5	12.8,	121.1,	283.8,	-105.9,	-31.9,	6	12.8,	164.1,	283.9,	-101.0,	-25.2,
7	12.8,	202.0,	275.4,	-93.0,	-17.7,	8	12.8,	233.8,	258.6,	-82.1,	-9.6,
9	12.8,	258.6,	233.8,	-68.8,	-1.3,	10	12.8,	275.4,	202.0,	-53.4,	7.1,
11	12.8,	283.9,	164.1,	-36.4,	15.2,	12	12.8,	283.8,	121.1,	-18.3,	22.9,
13	12.8,	275.0,	74.5,	0.4,	29.9,	14	12.8,	283.8,	121.1,	-28.7,	36.0,
15	12.8,	283.9,	164.1,	-56.9,	41.0,	16	12.8,	275.4,	202.0,	-83.3,	44.8,
17	12.8,	258.6,	233.8,	-107.3,	47.1,	18	12.8,	233.8,	258.6,	-128.0,	48.1,
19	12.8,	202.0,	275.4,	-144.8,	47.6,	20	12.8,	164.1,	283.9,	-157.2,	45.6,
21	12.8,	121.1,	283.8,	-164.8,	42.3,	22	12.8,	74.5,	275.0,	-167.4,	37.7,
23	12.8,	121.1,	283.8,	-177.9,	31.9,	24	12.8,	164.1,	283.9,	-183.0,	25.2,
25	12.8,	202.0,	275.4,	-182.5,	17.7,	26	12.8,	233.8,	258.6,	-176.4,	9.6,
27	12.8,	258.6,	233.8,	-165.0,	1.3,	28	12.8,	275.4,	202.0,	-148.6,	-7.1,
29	12.8,	283.9,	164.1,	-127.6,	-15.2,	30	12.8,	283.8,	121.1,	-102.8,	-22.9,
31	12.8,	275.0,	74.5,	-74.9,	-29.9,	32	12.8,	283.8,	121.1,	-92.5,	-36.0,
33	12.8,	283.9,	164.1,	-107.2,	-41.0,	34	12.8,	275.4,	202.0,	-118.7,	-44.8,
35	12.8,	258.6,	233.8,	-126.5,	-47.1,	36	12.8,	233.8,	258.6,	-130.6,	-48.1,

SOURCE ID: STCK36

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-127.0,	-49.7,	2	12.8,	164.1,	283.9,	-122.8,	-47.1,
3	12.8,	121.1,	283.8,	-114.9,	-43.0,	4	12.8,	74.5,	275.0,	-103.4,	-37.7,
5	12.8,	121.1,	283.8,	-101.8,	-31.2,	6	12.8,	164.1,	283.9,	-97.0,	-23.8,
7	12.8,	202.0,	275.4,	-89.3,	-15.6,	8	12.8,	233.8,	258.6,	-78.9,	-7.0,
9	12.8,	258.6,	233.8,	-66.1,	1.9,	10	12.8,	275.4,	202.0,	-51.3,	10.7,
11	12.8,	283.9,	164.1,	-34.9,	19.1,	12	12.8,	283.8,	121.1,	-17.5,	27.0,
13	12.8,	275.0,	74.5,	0.5,	34.1,	14	12.8,	283.8,	121.1,	-29.4,	40.1,
15	12.8,	283.9,	164.1,	-58.3,	44.9,	16	12.8,	275.4,	202.0,	-85.4,	48.3,
17	12.8,	258.6,	233.8,	-110.0,	50.3,	18	12.8,	233.8,	258.6,	-131.2,	50.8,
19	12.8,	202.0,	275.4,	-148.4,	49.7,	20	12.8,	164.1,	283.9,	-161.1,	47.1,
21	12.8,	121.1,	283.8,	-168.9,	43.0,	22	12.8,	74.5,	275.0,	-171.6,	37.7,
23	12.8,	121.1,	283.8,	-182.0,	31.2,	24	12.8,	164.1,	283.9,	-186.9,	23.8,
25	12.8,	202.0,	275.4,	-186.1,	15.6,	26	12.8,	233.8,	258.6,	-179.6,	7.0,
27	12.8,	258.6,	233.8,	-167.7,	-1.9,	28	12.8,	275.4,	202.0,	-150.7,	-10.7,
29	12.8,	283.9,	164.1,	-129.1,	-19.1,	30	12.8,	283.8,	121.1,	-103.6,	-27.0,
31	12.8,	275.0,	74.5,	-74.9,	-34.1,	32	12.8,	283.8,	121.1,	-91.8,	-40.1,
33	12.8,	283.9,	164.1,	-105.8,	-44.9,	34	12.8,	275.4,	202.0,	-116.6,	-48.3,
35	12.8,	258.6,	233.8,	-123.9,	-50.3,	36	12.8,	233.8,	258.6,	-127.4,	-50.8,

Model Output - High School Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK37

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-123.9,	-51.4,	2	12.8,	164.1,	283.9,	-119.4,	-48.2,
3	12.8,	121.1,	283.8,	-111.3,	-43.6,	4	12.8,	74.5,	275.0,	-99.8,	-37.6,
5	12.8,	121.1,	283.8,	-98.3,	-30.5,	6	12.8,	164.1,	283.9,	-93.7,	-22.5,
7	12.8,	202.0,	275.4,	-86.3,	-13.8,	8	12.8,	233.8,	258.6,	-76.2,	-4.6,
9	12.8,	258.6,	233.8,	-63.9,	4.7,	10	12.8,	275.4,	202.0,	-49.6,	13.8,
11	12.8,	283.9,	164.1,	-33.8,	22.5,	12	12.8,	283.8,	121.1,	-17.0,	30.6,
13	12.8,	275.0,	74.5,	0.4,	37.6,	14	12.8,	283.8,	121.1,	-30.1,	43.6,
15	12.8,	283.9,	164.1,	-59.6,	48.2,	16	12.8,	275.4,	202.0,	-87.3,	51.4,
17	12.8,	258.6,	233.8,	-112.3,	53.0,	18	12.8,	233.8,	258.6,	-133.9,	53.0,
19	12.8,	202.0,	275.4,	-151.5,	51.4,	20	12.8,	164.1,	283.9,	-164.5,	48.2,
21	12.8,	121.1,	283.8,	-172.4,	43.6,	22	12.8,	74.5,	275.0,	-175.2,	37.6,
23	12.8,	121.1,	283.8,	-185.5,	30.5,	24	12.8,	164.1,	283.9,	-190.2,	22.5,
25	12.8,	202.0,	275.4,	-189.1,	13.8,	26	12.8,	233.8,	258.6,	-182.3,	4.6,
27	12.8,	258.6,	233.8,	-169.9,	-4.7,	28	12.8,	275.4,	202.0,	-152.4,	-13.8,
29	12.8,	283.9,	164.1,	-130.2,	-22.5,	30	12.8,	283.8,	121.1,	-104.1,	-30.6,
31	12.8,	275.0,	74.5,	-74.9,	-37.6,	32	12.8,	283.8,	121.1,	-91.1,	-43.6,
33	12.8,	283.9,	164.1,	-104.5,	-48.2,	34	12.8,	275.4,	202.0,	-114.8,	-51.4,
35	12.8,	258.6,	233.8,	-121.5,	-53.0,	36	12.8,	233.8,	258.6,	-124.6,	-53.0,

SOURCE ID: STCK38

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-120.1,	-53.6,	2	12.8,	164.1,	283.9,	-115.3,	-49.8,
3	12.8,	121.1,	283.8,	-107.0,	-44.4,	4	12.8,	74.5,	275.0,	-95.4,	-37.7,
5	12.8,	121.1,	283.8,	-93.9,	-29.8,	6	12.8,	164.1,	283.9,	-89.5,	-21.0,
7	12.8,	202.0,	275.4,	-82.4,	-11.6,	8	12.8,	233.8,	258.6,	-72.8,	-1.8,
9	12.8,	258.6,	233.8,	-61.0,	8.0,	10	12.8,	275.4,	202.0,	-47.3,	17.6,
11	12.8,	283.9,	164.1,	-32.2,	26.7,	12	12.8,	283.8,	121.1,	-16.2,	34.9,
13	12.8,	275.0,	74.5,	0.4,	42.1,	14	12.8,	283.8,	121.1,	-30.8,	48.0,
15	12.8,	283.9,	164.1,	-61.0,	52.4,	16	12.8,	275.4,	202.0,	-89.4,	55.3,
17	12.8,	258.6,	233.8,	-115.1,	56.4,	18	12.8,	233.8,	258.6,	-137.3,	55.9,
19	12.8,	202.0,	275.4,	-155.3,	53.6,	20	12.8,	164.1,	283.9,	-168.6,	49.8,
21	12.8,	121.1,	283.8,	-176.8,	44.4,	22	12.8,	74.5,	275.0,	-179.6,	37.7,
23	12.8,	121.1,	283.8,	-189.9,	29.8,	24	12.8,	164.1,	283.9,	-194.4,	21.0,
25	12.8,	202.0,	275.4,	-193.0,	11.6,	26	12.8,	233.8,	258.6,	-185.7,	1.8,
27	12.8,	258.6,	233.8,	-172.8,	-8.0,	28	12.8,	275.4,	202.0,	-154.7,	-17.6,
29	12.8,	283.9,	164.1,	-131.8,	-26.7,	30	12.8,	283.8,	121.1,	-105.0,	-34.9,
31	12.8,	275.0,	74.5,	-74.9,	-42.1,	32	12.8,	283.8,	121.1,	-90.3,	-48.0,
33	12.8,	283.9,	164.1,	-103.0,	-52.4,	34	12.8,	275.4,	202.0,	-112.6,	-55.3,
35	12.8,	258.6,	233.8,	-118.7,	-56.4,	36	12.8,	233.8,	258.6,	-121.3,	-55.9,

Model Output - High School Receptors

SOURCE ID: STCK39

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-116.3,	-55.9,	2	12.8,	164.1,	283.9,	-111.2,	-51.3,
3	12.8,	121.1,	283.8,	-102.6,	-45.2,	4	12.8,	74.5,	275.0,	-91.0,	-37.7,
5	12.8,	121.1,	283.8,	-89.5,	-29.1,	6	12.8,	164.1,	283.9,	-85.4,	-19.6,
7	12.8,	202.0,	275.4,	-78.6,	-9.4,	8	12.8,	233.8,	258.6,	-69.4,	1.0,
9	12.8,	258.6,	233.8,	-58.1,	11.4,	10	12.8,	275.4,	202.0,	-45.1,	21.4,
11	12.8,	283.9,	164.1,	-30.7,	30.8,	12	12.8,	283.8,	121.1,	-15.3,	39.2,
13	12.8,	275.0,	74.5,	0.5,	46.5,	14	12.8,	283.8,	121.1,	-31.5,	52.3,
15	12.8,	283.9,	164.1,	-62.5,	56.6,	16	12.8,	275.4,	202.0,	-91.6,	59.1,
17	12.8,	258.6,	233.8,	-117.9,	59.9,	18	12.8,	233.8,	258.6,	-140.6,	58.8,
19	12.8,	202.0,	275.4,	-159.1,	55.9,	20	12.8,	164.1,	283.9,	-172.7,	51.3,
21	12.8,	121.1,	283.8,	-181.1,	45.2,	22	12.8,	74.5,	275.0,	-184.0,	37.7,
23	12.8,	121.1,	283.8,	-194.2,	29.1,	24	12.8,	164.1,	283.9,	-198.5,	19.6,
25	12.8,	202.0,	275.4,	-196.8,	9.4,	26	12.8,	233.8,	258.6,	-189.1,	-1.0,
27	12.8,	258.6,	233.8,	-175.7,	-11.4,	28	12.8,	275.4,	202.0,	-156.9,	-21.4,
29	12.8,	283.9,	164.1,	-133.4,	-30.8,	30	12.8,	283.8,	121.1,	-105.8,	-39.2,
31	12.8,	275.0,	74.5,	-75.0,	-46.5,	32	12.8,	283.8,	121.1,	-89.6,	-52.3,
33	12.8,	283.9,	164.1,	-101.6,	-56.6,	34	12.8,	275.4,	202.0,	-110.4,	-59.1,
35	12.8,	258.6,	233.8,	-115.9,	-59.9,	36	12.8,	233.8,	258.6,	-117.9,	-58.8,

SOURCE ID: STCK40

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-113.1,	-57.7,	2	12.8,	164.1,	283.9,	-107.7,	-52.5,
3	12.8,	121.1,	283.8,	-99.0,	-45.8,	4	12.8,	74.5,	275.0,	-87.3,	-37.6,
5	12.8,	121.1,	283.8,	-85.9,	-28.4,	6	12.8,	164.1,	283.9,	-81.9,	-18.2,
7	12.8,	202.0,	275.4,	-75.4,	-7.5,	8	12.8,	233.8,	258.6,	-66.6,	3.4,
9	12.8,	258.6,	233.8,	-55.8,	14.3,	10	12.8,	275.4,	202.0,	-43.3,	24.7,
11	12.8,	283.9,	164.1,	-29.5,	34.3,	12	12.8,	283.8,	121.1,	-14.8,	42.9,
13	12.8,	275.0,	74.5,	0.4,	50.2,	14	12.8,	283.8,	121.1,	-32.2,	56.0,
15	12.8,	283.9,	164.1,	-63.8,	60.0,	16	12.8,	275.4,	202.0,	-93.5,	62.3,
17	12.8,	258.6,	233.8,	-120.3,	62.6,	18	12.8,	233.8,	258.6,	-143.5,	61.1,
19	12.8,	202.0,	275.4,	-162.4,	57.7,	20	12.8,	164.1,	283.9,	-176.2,	52.5,
21	12.8,	121.1,	283.8,	-184.8,	45.8,	22	12.8,	74.5,	275.0,	-187.7,	37.6,
23	12.8,	121.1,	283.8,	-197.9,	28.4,	24	12.8,	164.1,	283.9,	-202.0,	18.2,
25	12.8,	202.0,	275.4,	-200.0,	7.5,	26	12.8,	233.8,	258.6,	-191.9,	-3.4,
27	12.8,	258.6,	233.8,	-178.0,	-14.3,	28	12.8,	275.4,	202.0,	-158.7,	-24.7,
29	12.8,	283.9,	164.1,	-134.6,	-34.3,	30	12.8,	283.8,	121.1,	-106.3,	-42.9,
31	12.8,	275.0,	74.5,	-74.9,	-50.2,	32	12.8,	283.8,	121.1,	-88.9,	-56.0,
33	12.8,	283.9,	164.1,	-100.2,	-60.0,	34	12.8,	275.4,	202.0,	-108.5,	-62.3,
35	12.8,	258.6,	233.8,	-113.5,	-62.6,	36	12.8,	233.8,	258.6,	-115.0,	-61.1,

Model Output - High School Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK41

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-106.2,	-61.7,	2	12.8,	164.1,	283.9,	-100.2,	-55.3,
3	12.8,	121.1,	283.8,	-91.2,	-47.2,	4	12.8,	74.5,	275.0,	-79.4,	-37.7,
5	12.8,	121.1,	283.8,	-78.1,	-27.0,	6	12.8,	164.1,	283.9,	-74.5,	-15.5,
7	12.8,	202.0,	275.4,	-68.5,	-3.6,	8	12.8,	233.8,	258.6,	-60.5,	8.5,
9	12.8,	258.6,	233.8,	-50.7,	20.3,	10	12.8,	275.4,	202.0,	-39.3,	31.5,
11	12.8,	283.9,	164.1,	-26.7,	41.7,	12	12.8,	283.8,	121.1,	-13.4,	50.7,
13	12.8,	275.0,	74.5,	0.4,	58.1,	14	12.8,	283.8,	121.1,	-33.5,	63.8,
15	12.8,	283.9,	164.1,	-66.5,	67.5,	16	12.8,	275.4,	202.0,	-97.4,	69.2,
17	12.8,	258.6,	233.8,	-125.4,	68.7,	18	12.8,	233.8,	258.6,	-149.6,	66.2,
19	12.8,	202.0,	275.4,	-169.2,	61.7,	20	12.8,	164.1,	283.9,	-183.7,	55.3,
21	12.8,	121.1,	283.8,	-192.6,	47.2,	22	12.8,	74.5,	275.0,	-195.6,	37.7,
23	12.8,	121.1,	283.8,	-205.7,	27.0,	24	12.8,	164.1,	283.9,	-209.5,	15.5,
25	12.8,	202.0,	275.4,	-206.9,	3.6,	26	12.8,	233.8,	258.6,	-198.0,	-8.5,
27	12.8,	258.6,	233.8,	-183.1,	-20.3,	28	12.8,	275.4,	202.0,	-162.7,	-31.5,
29	12.8,	283.9,	164.1,	-137.3,	-41.7,	30	12.8,	283.8,	121.1,	-107.8,	-50.7,
31	12.8,	275.0,	74.5,	-74.9,	-58.1,	32	12.8,	283.8,	121.1,	-87.6,	-63.8,
33	12.8,	283.9,	164.1,	-97.6,	-67.5,	34	12.8,	275.4,	202.0,	-104.6,	-69.2,
35	12.8,	258.6,	233.8,	-108.4,	-68.7,	36	12.8,	233.8,	258.6,	-109.0,	-66.2,

SOURCE ID: STCK42

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-102.2,	-64.0,	2	12.8,	164.1,	283.9,	-95.9,	-56.9,
3	12.8,	121.1,	283.8,	-86.6,	-48.0,	4	12.8,	74.5,	275.0,	-74.8,	-37.7,
5	12.8,	121.1,	283.8,	-73.5,	-26.2,	6	12.8,	164.1,	283.9,	-70.1,	-14.0,
7	12.8,	202.0,	275.4,	-64.5,	-1.3,	8	12.8,	233.8,	258.6,	-57.0,	11.5,
9	12.8,	258.6,	233.8,	-47.7,	23.8,	10	12.8,	275.4,	202.0,	-37.0,	35.5,
11	12.8,	283.9,	164.1,	-25.2,	46.1,	12	12.8,	283.8,	121.1,	-12.6,	55.2,
13	12.8,	275.0,	74.5,	0.4,	62.7,	14	12.8,	283.8,	121.1,	-34.3,	68.3,
15	12.8,	283.9,	164.1,	-68.1,	71.8,	16	12.8,	275.4,	202.0,	-99.7,	73.2,
17	12.8,	258.6,	233.8,	-128.4,	72.3,	18	12.8,	233.8,	258.6,	-153.1,	69.2,
19	12.8,	202.0,	275.4,	-173.2,	64.0,	20	12.8,	164.1,	283.9,	-188.0,	56.9,
21	12.8,	121.1,	283.8,	-197.1,	48.0,	22	12.8,	74.5,	275.0,	-200.2,	37.7,
23	12.8,	121.1,	283.8,	-210.2,	26.2,	24	12.8,	164.1,	283.9,	-213.8,	14.0,
25	12.8,	202.0,	275.4,	-210.9,	1.3,	26	12.8,	233.8,	258.6,	-201.6,	-11.5,
27	12.8,	258.6,	233.8,	-186.1,	-23.8,	28	12.8,	275.4,	202.0,	-165.0,	-35.5,
29	12.8,	283.9,	164.1,	-138.9,	-46.1,	30	12.8,	283.8,	121.1,	-108.6,	-55.2,
31	12.8,	275.0,	74.5,	-74.9,	-62.7,	32	12.8,	283.8,	121.1,	-86.8,	-68.3,
33	12.8,	283.9,	164.1,	-96.0,	-71.8,	34	12.8,	275.4,	202.0,	-102.3,	-73.2,
35	12.8,	258.6,	233.8,	-105.5,	-72.3,	36	12.8,	233.8,	258.6,	-105.4,	-69.2,

Model Output - High School Receptors

SOURCE ID: STCK43

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-98.9,	-66.0,	2	12.8,	164.1,	283.9,	-92.3,	-58.2,
3	12.8,	121.1,	283.8,	-82.9,	-48.7,	4	12.8,	74.5,	275.0,	-71.0,	-37.8,
5	12.8,	121.1,	283.8,	-69.8,	-25.6,	6	12.8,	164.1,	283.9,	-66.5,	-12.7,
7	12.8,	202.0,	275.4,	-61.2,	0.6,	8	12.8,	233.8,	258.6,	-54.0,	13.9,
9	12.8,	258.6,	233.8,	-45.2,	26.7,	10	12.8,	275.4,	202.0,	-35.0,	38.8,
11	12.8,	283.9,	164.1,	-23.8,	49.6,	12	12.8,	283.8,	121.1,	-11.8,	59.0,
13	12.8,	275.0,	74.5,	0.5,	66.6,	14	12.8,	283.8,	121.1,	-34.9,	72.1,
15	12.8,	283.9,	164.1,	-69.3,	75.5,	16	12.8,	275.4,	202.0,	-101.6,	76.5,
17	12.8,	258.6,	233.8,	-130.8,	75.2,	18	12.8,	233.8,	258.6,	-156.0,	71.7,
19	12.8,	202.0,	275.4,	-176.5,	66.0,	20	12.8,	164.1,	283.9,	-191.6,	58.2,
21	12.8,	121.1,	283.8,	-200.9,	48.7,	22	12.8,	74.5,	275.0,	-204.1,	37.8,
23	12.8,	121.1,	283.8,	-214.0,	25.6,	24	12.8,	164.1,	283.9,	-217.4,	12.7,
25	12.8,	202.0,	275.4,	-214.2,	-0.6,	26	12.8,	233.8,	258.6,	-204.5,	-13.9,
27	12.8,	258.6,	233.8,	-188.6,	-26.7,	28	12.8,	275.4,	202.0,	-167.0,	-38.8,
29	12.8,	283.9,	164.1,	-140.3,	-49.6,	30	12.8,	283.8,	121.1,	-109.3,	-59.0,
31	12.8,	275.0,	74.5,	-75.0,	-66.6,	32	12.8,	283.8,	121.1,	-86.2,	-72.1,
33	12.8,	283.9,	164.1,	-94.7,	-75.5,	34	12.8,	275.4,	202.0,	-100.4,	-76.5,
35	12.8,	258.6,	233.8,	-103.1,	-75.2,	36	12.8,	233.8,	258.6,	-102.6,	-71.7,

SOURCE ID: STCK44

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-95.3,	-68.0,	2	12.8,	164.1,	283.9,	-88.4,	-59.6,
3	12.8,	121.1,	283.8,	-78.8,	-49.4,	4	12.8,	74.5,	275.0,	-66.8,	-37.7,
5	12.8,	121.1,	283.8,	-65.7,	-24.8,	6	12.8,	164.1,	283.9,	-62.6,	-11.2,
7	12.8,	202.0,	275.4,	-57.6,	2.8,	8	12.8,	233.8,	258.6,	-50.9,	16.6,
9	12.8,	258.6,	233.8,	-42.6,	30.0,	10	12.8,	275.4,	202.0,	-33.0,	42.4,
11	12.8,	283.9,	164.1,	-22.4,	53.6,	12	12.8,	283.8,	121.1,	-11.2,	63.1,
13	12.8,	275.0,	74.5,	0.4,	70.7,	14	12.8,	283.8,	121.1,	-35.8,	76.2,
15	12.8,	283.9,	164.1,	-70.8,	79.3,	16	12.8,	275.4,	202.0,	-103.8,	80.1,
17	12.8,	258.6,	233.8,	-133.5,	78.4,	18	12.8,	233.8,	258.6,	-159.2,	74.3,
19	12.8,	202.0,	275.4,	-180.1,	68.0,	20	12.8,	164.1,	283.9,	-195.5,	59.6,
21	12.8,	121.1,	283.8,	-205.0,	49.4,	22	12.8,	74.5,	275.0,	-208.2,	37.7,
23	12.8,	121.1,	283.8,	-218.1,	24.8,	24	12.8,	164.1,	283.9,	-221.3,	11.2,
25	12.8,	202.0,	275.4,	-217.8,	-2.8,	26	12.8,	233.8,	258.6,	-207.7,	-16.6,
27	12.8,	258.6,	233.8,	-191.2,	-30.0,	28	12.8,	275.4,	202.0,	-169.0,	-42.4,
29	12.8,	283.9,	164.1,	-141.6,	-53.6,	30	12.8,	283.8,	121.1,	-109.9,	-63.1,
31	12.8,	275.0,	74.5,	-74.9,	-70.7,	32	12.8,	283.8,	121.1,	-85.4,	-76.2,
33	12.8,	283.9,	164.1,	-93.2,	-79.3,	34	12.8,	275.4,	202.0,	-98.3,	-80.1,
35	12.8,	258.6,	233.8,	-100.3,	-78.4,	36	12.8,	233.8,	258.6,	-99.3,	-74.3,

Model Output - High School Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK45

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-91.8,	-70.0,	2	12.8,	164.1,	283.9,	-84.6,	-61.0,
3	12.8,	121.1,	283.8,	-74.8,	-50.1,	4	12.8,	74.5,	275.0,	-62.8,	-37.7,
5	12.8,	121.1,	283.8,	-61.7,	-24.1,	6	12.8,	164.1,	283.9,	-58.8,	-9.8,
7	12.8,	202.0,	275.4,	-54.1,	4.8,	8	12.8,	233.8,	258.6,	-47.8,	19.2,
9	12.8,	258.6,	233.8,	-40.0,	33.0,	10	12.8,	275.4,	202.0,	-31.0,	45.9,
11	12.8,	283.9,	164.1,	-21.1,	57.4,	12	12.8,	283.8,	121.1,	-10.5,	67.1,
13	12.8,	275.0,	74.5,	0.4,	74.8,	14	12.8,	283.8,	121.1,	-36.4,	80.2,
15	12.8,	283.9,	164.1,	-72.2,	83.1,	16	12.8,	275.4,	202.0,	-105.8,	83.6,
17	12.8,	258.6,	233.8,	-136.1,	81.5,	18	12.8,	233.8,	258.6,	-162.3,	76.9,
19	12.8,	202.0,	275.4,	-183.6,	70.0,	20	12.8,	164.1,	283.9,	-199.3,	61.0,
21	12.8,	121.1,	283.8,	-209.0,	50.1,	22	12.8,	74.5,	275.0,	-212.3,	37.7,
23	12.8,	121.1,	283.8,	-222.0,	24.1,	24	12.8,	164.1,	283.9,	-225.1,	9.8,
25	12.8,	202.0,	275.4,	-221.3,	-4.8,	26	12.8,	233.8,	258.6,	-210.8,	-19.2,
27	12.8,	258.6,	233.8,	-193.8,	-33.0,	28	12.8,	275.4,	202.0,	-171.0,	-45.9,
29	12.8,	283.9,	164.1,	-143.0,	-57.4,	30	12.8,	283.8,	121.1,	-110.6,	-67.1,
31	12.8,	275.0,	74.5,	-74.9,	-74.8,	32	12.8,	283.8,	121.1,	-84.7,	-80.2,
33	12.8,	283.9,	164.1,	-91.9,	-83.1,	34	12.8,	275.4,	202.0,	-96.3,	-83.6,
35	12.8,	258.6,	233.8,	-97.7,	-81.5,	36	12.8,	233.8,	258.6,	-96.2,	-76.9,

SOURCE ID: STCK46

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	202.0,	275.4,	-88.4,	-72.0,	2	12.8,	164.1,	283.9,	-80.9,	-62.3,
3	12.8,	121.1,	283.8,	-71.0,	-50.8,	4	12.8,	74.5,	275.0,	-58.9,	-37.7,
5	12.8,	121.1,	283.8,	-57.9,	-23.5,	6	12.8,	164.1,	283.9,	-55.1,	-8.5,
7	12.8,	202.0,	275.4,	-50.7,	6.7,	8	12.8,	233.8,	258.6,	-44.8,	21.7,
9	12.8,	258.6,	233.8,	-37.5,	36.0,	10	12.8,	275.4,	202.0,	-29.0,	49.3,
11	12.8,	283.9,	164.1,	-19.7,	61.0,	12	12.8,	283.8,	121.1,	-9.8,	70.9,
13	12.8,	275.0,	74.5,	0.5,	78.6,	14	12.8,	283.8,	121.1,	-37.1,	84.0,
15	12.8,	283.9,	164.1,	-73.5,	86.8,	16	12.8,	275.4,	202.0,	-107.7,	87.0,
17	12.8,	258.6,	233.8,	-138.6,	84.5,	18	12.8,	233.8,	258.6,	-165.3,	79.4,
19	12.8,	202.0,	275.4,	-187.0,	72.0,	20	12.8,	164.1,	283.9,	-203.0,	62.3,
21	12.8,	121.1,	283.8,	-212.8,	50.8,	22	12.8,	74.5,	275.0,	-216.2,	37.7,
23	12.8,	121.1,	283.8,	-225.9,	23.5,	24	12.8,	164.1,	283.9,	-228.8,	8.5,
25	12.8,	202.0,	275.4,	-224.7,	-6.7,	26	12.8,	233.8,	258.6,	-213.8,	-21.7,
27	12.8,	258.6,	233.8,	-196.4,	-36.0,	28	12.8,	275.4,	202.0,	-173.0,	-49.3,
29	12.8,	283.9,	164.1,	-144.4,	-61.0,	30	12.8,	283.8,	121.1,	-111.3,	-70.9,
31	12.8,	275.0,	74.5,	-75.0,	-78.6,	32	12.8,	283.8,	121.1,	-84.0,	-84.0,
33	12.8,	283.9,	164.1,	-90.6,	-86.8,	34	12.8,	275.4,	202.0,	-94.3,	-87.0,
35	12.8,	258.6,	233.8,	-95.2,	-84.5,	36	12.8,	233.8,	258.6,	-93.3,	-79.4,

Model Output - High School Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000001 through L0000110 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = ONSITE ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

Model Output - High School Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = STCK1 through STCK46 ; SOURCE TYPE = POINT :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

Model Output - High School Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(	402631.5,	3757062.4,	47.0,	47.0,	0.0);	(	402609.5,	3757083.8,	47.2,	47.2,	0.0);
(	402626.9,	3757079.5,	46.9,	46.9,	0.0);	(	402646.9,	3757079.5,	46.9,	46.9,	0.0);
(	402586.9,	3757099.5,	46.7,	46.7,	0.0);	(	402606.9,	3757099.5,	46.7,	46.7,	0.0);
(	402626.9,	3757099.5,	46.7,	46.7,	0.0);	(	402646.9,	3757099.5,	46.8,	46.8,	0.0);
(	402666.9,	3757099.5,	46.8,	46.8,	0.0);	(	402566.9,	3757119.5,	47.0,	47.0,	0.0);
(	402586.9,	3757119.5,	46.6,	46.6,	0.0);	(	402606.9,	3757119.5,	46.5,	46.5,	0.0);
(	402626.9,	3757119.5,	46.6,	46.6,	0.0);	(	402646.9,	3757119.5,	46.7,	46.7,	0.0);
(	402666.9,	3757119.5,	46.8,	46.8,	0.0);	(	402686.9,	3757119.5,	46.8,	46.8,	0.0);
(	402530.5,	3757144.7,	47.9,	50.1,	0.0);	(	402546.9,	3757139.5,	47.0,	50.1,	0.0);
(	402566.9,	3757139.5,	46.5,	46.5,	0.0);	(	402586.9,	3757139.5,	46.4,	46.4,	0.0);
(	402606.9,	3757139.5,	46.4,	46.4,	0.0);	(	402626.9,	3757139.5,	46.4,	46.4,	0.0);
(	402646.9,	3757139.5,	46.5,	46.5,	0.0);	(	402666.9,	3757139.5,	46.6,	46.6,	0.0);
(	402686.9,	3757139.5,	46.7,	46.7,	0.0);	(	402706.9,	3757139.5,	46.7,	46.7,	0.0);
(	402509.5,	3757162.4,	47.0,	51.4,	0.0);	(	402526.9,	3757159.5,	46.4,	50.8,	0.0);
(	402546.9,	3757159.5,	46.4,	46.4,	0.0);	(	402566.9,	3757159.5,	46.4,	46.4,	0.0);
(	402586.9,	3757159.5,	46.4,	46.4,	0.0);	(	402606.9,	3757159.5,	46.3,	46.3,	0.0);
(	402626.9,	3757159.5,	46.3,	46.3,	0.0);	(	402646.9,	3757159.5,	46.4,	46.4,	0.0);
(	402666.9,	3757159.5,	46.5,	46.5,	0.0);	(	402686.9,	3757159.5,	46.7,	46.7,	0.0);
(	402706.9,	3757159.5,	46.9,	46.9,	0.0);	(	402486.9,	3757179.5,	47.7,	51.9,	0.0);
(	402506.9,	3757179.5,	46.6,	51.4,	0.0);	(	402526.9,	3757179.5,	46.3,	46.3,	0.0);
(	402546.9,	3757179.5,	46.2,	46.2,	0.0);	(	402566.9,	3757179.5,	46.2,	46.2,	0.0);
(	402586.9,	3757179.5,	46.2,	46.2,	0.0);	(	402606.9,	3757179.5,	46.1,	46.1,	0.0);
(	402626.9,	3757179.5,	46.3,	46.3,	0.0);	(	402646.9,	3757179.5,	46.4,	46.4,	0.0);
(	402666.9,	3757179.5,	46.6,	46.6,	0.0);	(	402686.9,	3757179.5,	46.8,	46.8,	0.0);
(	402706.9,	3757179.5,	46.9,	46.9,	0.0);	(	402726.9,	3757179.5,	46.7,	46.7,	0.0);
(	402466.9,	3757199.5,	47.7,	51.2,	0.0);	(	402486.9,	3757199.5,	46.4,	51.9,	0.0);
(	402506.9,	3757199.5,	46.2,	51.4,	0.0);	(	402526.9,	3757199.5,	46.2,	46.2,	0.0);
(	402546.9,	3757199.5,	46.1,	46.1,	0.0);	(	402566.9,	3757199.5,	46.1,	46.1,	0.0);
(	402586.9,	3757199.5,	46.1,	46.1,	0.0);	(	402606.9,	3757199.5,	46.1,	46.1,	0.0);
(	402626.9,	3757199.5,	46.3,	46.3,	0.0);	(	402646.9,	3757199.5,	46.4,	46.4,	0.0);
(	402666.9,	3757199.5,	46.6,	46.6,	0.0);	(	402686.9,	3757199.5,	46.7,	46.7,	0.0);
(	402706.9,	3757199.5,	46.9,	46.9,	0.0);	(	402726.9,	3757199.5,	46.8,	46.8,	0.0);
(	402746.9,	3757199.5,	46.7,	46.7,	0.0);	(	402474.1,	3757212.9,	46.2,	51.9,	0.0);
(	402486.9,	3757219.5,	46.0,	51.2,	0.0);	(	402506.9,	3757219.5,	46.2,	46.2,	0.0);
(	402526.9,	3757219.5,	46.0,	46.0,	0.0);	(	402546.9,	3757219.5,	46.0,	46.0,	0.0);
(	402566.9,	3757219.5,	45.9,	45.9,	0.0);	(	402586.9,	3757219.5,	46.0,	46.0,	0.0);
(	402606.9,	3757219.5,	46.2,	46.2,	0.0);	(	402626.9,	3757219.5,	46.4,	46.4,	0.0);
(	402646.9,	3757219.5,	46.5,	46.5,	0.0);	(	402666.9,	3757219.5,	46.6,	46.6,	0.0);
(	402686.9,	3757219.5,	46.7,	46.7,	0.0);	(	402706.9,	3757219.5,	46.8,	46.8,	0.0);
(	402726.9,	3757219.5,	46.9,	46.9,	0.0);	(	402746.9,	3757219.5,	46.9,	46.9,	0.0);
(	402766.9,	3757219.5,	46.6,	46.6,	0.0);	(	402490.8,	3757234.6,	45.7,	45.7,	0.0);
(	402506.9,	3757239.5,	45.4,	45.4,	0.0);	(	402526.9,	3757239.5,	45.9,	45.9,	0.0);

Model Output - High School Receptors

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( 402546.9, 3757239.5,      45.9,      45.9,       0.0);        ( 402566.9, 3757239.5,      46.0,      46.0,       0.0);
( 402586.9, 3757239.5,      46.2,      46.2,       0.0);        ( 402606.9, 3757239.5,      46.3,      46.3,       0.0);
( 402626.9, 3757239.5,      46.4,      46.4,       0.0);        ( 402646.9, 3757239.5,      46.4,      46.4,       0.0);
( 402666.9, 3757239.5,      46.6,      46.6,       0.0);        ( 402686.9, 3757239.5,      46.7,      46.7,       0.0);
( 402706.9, 3757239.5,      46.7,      46.7,       0.0);        ( 402726.9, 3757239.5,      46.9,      46.9,       0.0);
( 402746.9, 3757239.5,      46.9,      46.9,       0.0);        ( 402766.9, 3757239.5,      46.8,      46.8,       0.0);
( 402786.9, 3757239.5,      46.5,      46.5,       0.0);        ( 402508.5, 3757257.2,      44.8,      44.8,       0.0);
( 402526.9, 3757259.5,      45.4,      45.4,       0.0);        ( 402546.9, 3757259.5,      45.8,      45.8,       0.0);
( 402566.9, 3757259.5,      46.1,      46.1,       0.0);        ( 402586.9, 3757259.5,      46.3,      46.3,       0.0);
( 402606.9, 3757259.5,      46.3,      46.3,       0.0);        ( 402626.9, 3757259.5,      46.3,      46.3,       0.0);
( 402646.9, 3757259.5,      46.4,      46.4,       0.0);        ( 402666.9, 3757259.5,      46.5,      46.5,       0.0);
( 402686.9, 3757259.5,      46.7,      46.7,       0.0);        ( 402706.9, 3757259.5,      46.6,      46.6,       0.0);
( 402726.9, 3757259.5,      46.8,      46.8,       0.0);        ( 402746.9, 3757259.5,      46.9,      46.9,       0.0);
( 402766.9, 3757259.5,      46.9,      46.9,       0.0);        ( 402786.9, 3757259.5,      46.8,      46.8,       0.0);
( 402806.9, 3757259.5,      46.1,      46.1,       0.0);        ( 402526.9, 3757279.5,      44.6,      44.6,       0.0);
( 402546.9, 3757279.5,      45.8,      45.8,       0.0);        ( 402566.9, 3757279.5,      46.2,      46.2,       0.0);
( 402586.9, 3757279.5,      46.3,      46.3,       0.0);        ( 402606.9, 3757279.5,      46.3,      46.3,       0.0);
( 402626.9, 3757279.5,      46.2,      46.2,       0.0);        ( 402646.9, 3757279.5,      46.4,      46.4,       0.0);
( 402666.9, 3757279.5,      46.5,      46.5,       0.0);        ( 402686.9, 3757279.5,      46.6,      46.6,       0.0);
( 402706.9, 3757279.5,      46.6,      46.6,       0.0);        ( 402726.9, 3757279.5,      46.8,      46.8,       0.0);
( 402746.9, 3757279.5,      46.8,      46.8,       0.0);        ( 402766.9, 3757279.5,      46.9,      46.9,       0.0);
( 402786.9, 3757279.5,      46.9,      46.9,       0.0);        ( 402806.9, 3757279.5,      46.5,      46.5,       0.0);
( 402546.9, 3757299.5,      45.2,      45.2,       0.0);        ( 402566.9, 3757299.5,      45.8,      45.8,       0.0);
( 402586.9, 3757299.5,      46.2,      46.2,       0.0);        ( 402606.9, 3757299.5,      46.3,      46.3,       0.0);
( 402626.9, 3757299.5,      46.3,      46.3,       0.0);        ( 402646.9, 3757299.5,      46.3,      46.3,       0.0);
( 402666.9, 3757299.5,      46.4,      46.4,       0.0);        ( 402686.9, 3757299.5,      46.6,      46.6,       0.0);
( 402706.9, 3757299.5,      46.7,      46.7,       0.0);        ( 402726.9, 3757299.5,      46.7,      46.7,       0.0);
( 402746.9, 3757299.5,      46.8,      46.8,       0.0);        ( 402766.9, 3757299.5,      46.8,      46.8,       0.0);
( 402786.9, 3757299.5,      46.7,      46.7,       0.0);        ( 402806.9, 3757299.5,      46.1,      46.1,       0.0);
( 402826.9, 3757299.5,      45.5,      45.5,       0.0);        ( 402566.9, 3757319.5,      45.3,      45.3,       0.0);
( 402586.9, 3757319.5,      46.0,      46.0,       0.0);        ( 402606.9, 3757319.5,      46.3,      46.3,       0.0);
( 402626.9, 3757319.5,      46.3,      46.3,       0.0);        ( 402646.9, 3757319.5,      46.3,      46.3,       0.0);
( 402666.9, 3757319.5,      46.3,      46.3,       0.0);        ( 402686.9, 3757319.5,      46.5,      46.5,       0.0);
( 402706.9, 3757319.5,      46.6,      46.6,       0.0);        ( 402726.9, 3757319.5,      46.6,      46.6,       0.0);
( 402746.9, 3757319.5,      46.7,      46.7,       0.0);        ( 402766.9, 3757319.5,      46.6,      46.6,       0.0);
( 402786.9, 3757319.5,      46.2,      46.2,       0.0);        ( 402806.9, 3757319.5,      45.6,      45.6,       0.0);
( 402586.9, 3757339.5,      45.2,      45.2,       0.0);        ( 402606.9, 3757339.5,      46.2,      46.2,       0.0);
( 402626.9, 3757339.5,      46.3,      46.3,       0.0);        ( 402646.9, 3757339.5,      46.3,      46.3,       0.0);
( 402666.9, 3757339.5,      46.3,      46.3,       0.0);        ( 402686.9, 3757339.5,      46.2,      46.2,       0.0);
( 402706.9, 3757339.5,      46.3,      46.3,       0.0);        ( 402726.9, 3757339.5,      46.5,      46.5,       0.0);
( 402746.9, 3757339.5,      46.5,      46.5,       0.0);        ( 402766.9, 3757339.5,      46.1,      46.1,       0.0);
( 402786.9, 3757339.5,      45.2,      45.2,       0.0);        ( 402606.9, 3757359.5,      45.4,      45.4,       0.0);
( 402626.9, 3757359.5,      46.0,      46.0,       0.0);        ( 402646.9, 3757359.5,      46.2,      46.2,       0.0);
( 402666.9, 3757359.5,      46.2,      46.2,       0.0);        ( 402686.9, 3757359.5,      46.2,      46.2,       0.0);
( 402706.9, 3757359.5,      46.2,      46.2,       0.0);        ( 402726.9, 3757359.5,      46.1,      46.1,       0.0);
( 402746.9, 3757359.5,      45.9,      45.9,       0.0);        ( 402766.9, 3757359.5,      45.5,      45.5,       0.0);
( 402606.9, 3757379.5,      44.7,      44.7,       0.0);        ( 402626.9, 3757379.5,      45.5,      45.5,       0.0);
( 402646.9, 3757379.5,      45.9,      45.9,       0.0);        ( 402666.9, 3757379.5,      46.0,      46.0,       0.0);
```

Model Output - High School Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(402686.9, 3757379.5,	46.0,	46.0,	0.0);	(402706.9, 3757379.5,	45.9,	45.9,	0.0);
(402726.9, 3757379.5,	45.6,	45.6,	0.0);	(402626.9, 3757399.5,	44.9,	44.9,	0.0);
(402646.9, 3757399.5,	45.2,	45.2,	0.0);	(402666.9, 3757399.5,	45.5,	45.5,	0.0);
(402686.9, 3757399.5,	45.6,	45.6,	0.0);	(402706.9, 3757399.5,	45.3,	45.3,	0.0);
(402646.9, 3757419.5,	44.8,	44.8,	0.0);	(402666.9, 3757419.5,	45.2,	45.2,	0.0);
(402686.9, 3757419.5,	45.5,	45.5,	0.0);	(402666.9, 3757439.5,	44.9,	44.9,	0.0);

```
*** AERMOD - VERSION  18081 ***   *** HRA - Santa Fe Springs Warehouse                                          ***        09/25/19
*** AERMET - VERSION  16216 ***   *** School Receptors                                                          ***        10:07:08
                                                                                                                           PAGE 184
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                         *** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
                                                            (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1  1 1 1 1 1

               NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.


                                  *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
                                                          (METERS/SEC)

                                            1.54,   3.09,   5.14,   8.23,  10.80,
```

Model Output - High School Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: ..\met data\PICO_v9.SFC Met Version: 16216
Profile file: ..\met data\PICO_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3166 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2010 Year: 2010

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
10	01	01	1	01	-38.6	0.384	-9.000	-9.000	-999.	572.	162.4	0.34	0.73	1.00	3.10	321.	9.1	283.8	5.5
10	01	01	1	02	-33.5	0.333	-9.000	-9.000	-999.	462.	121.8	0.34	0.73	1.00	2.70	217.	9.1	282.5	5.5
10	01	01	1	03	-21.9	0.218	-9.000	-9.000	-999.	251.	52.2	0.34	0.73	1.00	1.80	290.	9.1	282.5	5.5
10	01	01	1	04	-27.1	0.269	-9.000	-9.000	-999.	334.	79.5	0.34	0.73	1.00	2.20	255.	9.1	282.0	5.5
10	01	01	1	05	-21.9	0.218	-9.000	-9.000	-999.	245.	52.2	0.34	0.73	1.00	1.80	234.	9.1	282.0	5.5
10	01	01	1	06	-27.1	0.269	-9.000	-9.000	-999.	334.	79.5	0.34	0.73	1.00	2.20	258.	9.1	282.0	5.5
10	01	01	1	07	-27.2	0.269	-9.000	-9.000	-999.	334.	79.5	0.34	0.73	1.00	2.20	213.	9.1	281.4	5.5
10	01	01	1	08	-22.6	0.335	-9.000	-9.000	-999.	466.	151.7	0.34	0.73	0.54	2.70	215.	9.1	282.0	5.5
10	01	01	1	09	26.9	0.249	0.347	0.008	56.	302.	-51.9	0.34	0.73	0.32	1.80	199.	9.1	284.2	5.5
10	01	01	1	10	65.3	0.365	0.593	0.008	116.	529.	-67.5	0.34	0.73	0.24	2.70	117.	9.1	288.1	5.5
10	01	01	1	11	94.5	0.374	0.933	0.008	311.	550.	-50.3	0.34	0.73	0.21	2.70	243.	9.1	290.4	5.5
10	01	01	1	12	103.9	0.279	1.087	0.008	448.	359.	-19.0	0.34	0.73	0.20	1.80	130.	9.1	293.1	5.5
10	01	01	1	13	83.7	0.273	1.073	0.008	533.	343.	-22.0	0.34	0.73	0.20	1.80	282.	9.1	294.9	5.5
10	01	01	1	14	82.0	0.218	1.112	0.008	606.	245.	-11.4	0.34	0.73	0.21	1.30	290.	9.1	295.9	5.5
10	01	01	1	15	38.9	0.202	0.881	0.008	636.	217.	-19.0	0.34	0.73	0.25	1.30	192.	9.1	294.9	5.5
10	01	01	1	16	11.4	0.181	0.588	0.008	643.	185.	-47.4	0.34	0.73	0.33	1.30	218.	9.1	293.8	5.5
10	01	01	1	17	-10.7	0.155	-9.000	-9.000	-999.	147.	31.4	0.34	0.73	0.60	1.30	255.	9.1	292.0	5.5
10	01	01	1	18	-5.5	0.104	-9.000	-9.000	-999.	81.	18.6	0.34	0.73	1.00	0.90	129.	9.1	289.2	5.5
10	01	01	1	19	-11.8	0.154	-9.000	-9.000	-999.	145.	27.8	0.34	0.73	1.00	1.30	264.	9.1	287.5	5.5
10	01	01	1	20	-11.8	0.154	-9.000	-9.000	-999.	144.	27.8	0.34	0.73	1.00	1.30	25.	9.1	287.0	5.5
10	01	01	1	21	-21.6	0.218	-9.000	-9.000	-999.	244.	52.2	0.34	0.73	1.00	1.80	343.	9.1	285.9	5.5
10	01	01	1	22	-21.7	0.218	-9.000	-9.000	-999.	244.	52.2	0.34	0.73	1.00	1.80	332.	9.1	284.9	5.5
10	01	01	1	23	-21.7	0.218	-9.000	-9.000	-999.	244.	52.2	0.34	0.73	1.00	1.80	178.	9.1	284.2	5.5
10	01	01	1	24	-11.8	0.154	-9.000	-9.000	-999.	145.	27.6	0.34	0.73	1.00	1.30	28.	9.1	283.1	5.5

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
10	01	01	01	5.5	0	-999.	-99.00	283.8	99.0	-99.00	-99.00
10	01	01	01	9.1	1	321.	3.10	-999.0	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

Model Output - High School Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				OF TYPE	NETWORK GRID-ID
TRUCKRTE	1ST HIGHEST VALUE IS	0.00013 AT	402631.47,	3757062.44,	46.98,	46.98,	0.00)	DC
	2ND HIGHEST VALUE IS	0.00008 AT	402626.88,	3757079.49,	46.93,	46.93,	0.00)	DC
	3RD HIGHEST VALUE IS	0.00007 AT	402646.88,	3757079.49,	46.87,	46.87,	0.00)	DC
	4TH HIGHEST VALUE IS	0.00007 AT	402609.50,	3757083.75,	47.18,	47.18,	0.00)	DC
	5TH HIGHEST VALUE IS	0.00005 AT	402626.88,	3757099.49,	46.70,	46.70,	0.00)	DC
	6TH HIGHEST VALUE IS	0.00005 AT	402646.88,	3757099.49,	46.83,	46.83,	0.00)	DC
	7TH HIGHEST VALUE IS	0.00005 AT	402606.88,	3757099.49,	46.66,	46.66,	0.00)	DC
	8TH HIGHEST VALUE IS	0.00005 AT	402666.88,	3757099.49,	46.81,	46.81,	0.00)	DC
	9TH HIGHEST VALUE IS	0.00005 AT	402586.88,	3757099.49,	46.74,	46.74,	0.00)	DC
	10TH HIGHEST VALUE IS	0.00004 AT	402626.88,	3757119.49,	46.56,	46.56,	0.00)	DC
ONSITE	1ST HIGHEST VALUE IS	0.00079 AT	402486.88,	3757179.49,	47.70,	51.92,	0.00)	DC
	2ND HIGHEST VALUE IS	0.00077 AT	402466.88,	3757199.49,	47.68,	51.23,	0.00)	DC
	3RD HIGHEST VALUE IS	0.00073 AT	402509.50,	3757162.44,	47.04,	51.42,	0.00)	DC
	4TH HIGHEST VALUE IS	0.00069 AT	402530.49,	3757144.73,	47.93,	50.07,	0.00)	DC
	5TH HIGHEST VALUE IS	0.00060 AT	402506.88,	3757179.49,	46.63,	51.42,	0.00)	DC
	6TH HIGHEST VALUE IS	0.00059 AT	402486.88,	3757199.49,	46.37,	51.92,	0.00)	DC
	7TH HIGHEST VALUE IS	0.00059 AT	402526.88,	3757159.49,	46.40,	50.84,	0.00)	DC
	8TH HIGHEST VALUE IS	0.00058 AT	402474.09,	3757212.93,	46.18,	51.90,	0.00)	DC
	9TH HIGHEST VALUE IS	0.00054 AT	402546.88,	3757139.49,	47.05,	50.07,	0.00)	DC
	10TH HIGHEST VALUE IS	0.00048 AT	402506.88,	3757199.49,	46.25,	51.42,	0.00)	DC
IDLING	1ST HIGHEST VALUE IS	0.00024 AT	402546.88,	3757139.49,	47.05,	50.07,	0.00)	DC
	2ND HIGHEST VALUE IS	0.00023 AT	402566.88,	3757119.49,	46.96,	46.96,	0.00)	DC
	3RD HIGHEST VALUE IS	0.00022 AT	402530.49,	3757144.73,	47.93,	50.07,	0.00)	DC
	4TH HIGHEST VALUE IS	0.00021 AT	402566.88,	3757139.49,	46.51,	46.51,	0.00)	DC
	5TH HIGHEST VALUE IS	0.00021 AT	402586.88,	3757099.49,	46.74,	46.74,	0.00)	DC
	6TH HIGHEST VALUE IS	0.00020 AT	402586.88,	3757119.49,	46.57,	46.57,	0.00)	DC
	7TH HIGHEST VALUE IS	0.00019 AT	402606.88,	3757099.49,	46.66,	46.66,	0.00)	DC
	8TH HIGHEST VALUE IS	0.00017 AT	402609.50,	3757083.75,	47.18,	47.18,	0.00)	DC
	9TH HIGHEST VALUE IS	0.00016 AT	402606.88,	3757119.49,	46.51,	46.51,	0.00)	DC
	10TH HIGHEST VALUE IS	0.00016 AT	402586.88,	3757139.49,	46.45,	46.45,	0.00)	DC
ALL	1ST HIGHEST VALUE IS	0.00093 AT	402530.49,	3757144.73,	47.93,	50.07,	0.00)	DC
	2ND HIGHEST VALUE IS	0.00090 AT	402486.88,	3757179.49,	47.70,	51.92,	0.00)	DC
	3RD HIGHEST VALUE IS	0.00088 AT	402509.50,	3757162.44,	47.04,	51.42,	0.00)	DC
	4TH HIGHEST VALUE IS	0.00085 AT	402466.88,	3757199.49,	47.68,	51.23,	0.00)	DC
	5TH HIGHEST VALUE IS	0.00080 AT	402546.88,	3757139.49,	47.05,	50.07,	0.00)	DC
	6TH HIGHEST VALUE IS	0.00075 AT	402526.88,	3757159.49,	46.40,	50.84,	0.00)	DC
	7TH HIGHEST VALUE IS	0.00072 AT	402506.88,	3757179.49,	46.63,	51.42,	0.00)	DC
	8TH HIGHEST VALUE IS	0.00069 AT	402486.88,	3757199.49,	46.37,	51.92,	0.00)	DC
	9TH HIGHEST VALUE IS	0.00068 AT	402566.88,	3757119.49,	46.96,	46.96,	0.00)	DC
	10TH HIGHEST VALUE IS	0.00066 AT	402474.09,	3757212.93,	46.18,	51.90,	0.00)	DC

Model Output - High School Receptors

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

 --------- Summary of Total Messages --------

A Total of   0 Fatal Error Message(s)
A Total of   50 Warning Message(s)
A Total of   1277 Informational Message(s)

A Total of   43848 Hours Were Processed

A Total of   152 Calm Hours Identified

A Total of   1125 Missing Hours Identified (2.57 Percent)

   ******** FATAL ERROR MESSAGES ********
              *** NONE ***

   ********   WARNING MESSAGES   ********
SO W320   342   PPARM: Input Parameter May Be Out-of-Range for Parameter   VS
SO W320   343   PPARM: Input Parameter May Be Out-of-Range for Parameter   VS
SO W320   344   PPARM: Input Parameter May Be Out-of-Range for Parameter   VS
SO W320   345   PPARM: Input Parameter May Be Out-of-Range for Parameter   VS
SO W320   346   PPARM: Input Parameter May Be Out-of-Range for Parameter   VS
SO W320   347   PPARM: Input Parameter May Be Out-of-Range for Parameter   VS
SO W320   348   PPARM: Input Parameter May Be Out-of-Range for Parameter   VS
SO W320   349   PPARM: Input Parameter May Be Out-of-Range for Parameter   VS
SO W320   350   PPARM: Input Parameter May Be Out-of-Range for Parameter   VS
SO W320   351   PPARM: Input Parameter May Be Out-of-Range for Parameter   VS
SO W320   352   PPARM: Input Parameter May Be Out-of-Range for Parameter   VS
SO W320   353   PPARM: Input Parameter May Be Out-of-Range for Parameter   VS
SO W320   354   PPARM: Input Parameter May Be Out-of-Range for Parameter   VS
SO W320   355   PPARM: Input Parameter May Be Out-of-Range for Parameter   VS
SO W320   356   PPARM: Input Parameter May Be Out-of-Range for Parameter   VS
SO W320   357   PPARM: Input Parameter May Be Out-of-Range for Parameter   VS
SO W320   358   PPARM: Input Parameter May Be Out-of-Range for Parameter   VS
SO W320   359   PPARM: Input Parameter May Be Out-of-Range for Parameter   VS
SO W320   360   PPARM: Input Parameter May Be Out-of-Range for Parameter   VS
SO W320   361   PPARM: Input Parameter May Be Out-of-Range for Parameter   VS

Model Output - High School Receptors

```
SO W320     362        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     363        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     364        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     365        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     366        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     367        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     368        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     369        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     370        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     371        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     372        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     373        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     374        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     375        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     376        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     377        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     378        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     379        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     380        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     381        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     382        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     383        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     384        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     385        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     386        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     387        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
ME W186    4082       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187    4082       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:     15010101
MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:   2 year gap

   ************************************
   *** AERMOD Finishes Successfully ***
   ************************************
```

Appendix C. HARP2 Output

Appendix

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HARP2 Output
Cancer Risks

*HARP - HRACalc v19044 9/25/2019 11:30:53 AM - Cancer Risk - Residential Receptors

INDEX	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1	9901	DieselExhPM	0.00283	1.7E-06	9YrCancerHighEnd_Inh	1.74E-06	0.00E+00	0.00E+00	0.00E+00
1	9901	DieselExhPM	0.00283	2.5E-06	30YrCancerHighEnd_InhSoilDermMMilk	2.50E-06	0.00E+00	0.00E+00	0.00E+00
1	9901	DieselExhPM	0.00283	3.0E-06	70YrCancerHighEnd_Inh	2.97E-06	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 9/25/2019 11:32:27 AM - Cancer Risk - High School Receptors

INDEX	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1	9901	DieselExhPM	0.00093	5.8E-08	25YrCancerHighEnd_InhSoilDerm	5.76E-08	0.00E+00	0.00E+00	0.00E+00
1	9901	DieselExhPM	0.00093	3.5E-08	4YrCancerHighEnd_InhSoilDerm	3.55E-08	0.00E+00	0.00E+00	0.00E+00

2.5	Residential Cancer Risk (30-year), per million
0.06	School - Staff Cancer Risk (25-year), per million
0.04	School - Student Cancer Risk (4-year), per million

Residential MER location (UTM): 402635.6, 3757009.04
School MER location (UTM): 402350.49, 3757144.73

HARP2 Output

Non-cancer Risks - Chronic Hazards

*HARP - HRACalc v19044 9/25/2019 11:29:49 AM - Chronic Risk - Residential Receptor

INDEX	POLID	POLABBREV	CONC	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO
1	9901	DieselExhPM	0.00283	NonCancerChronicHighEnd_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD
5.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 9/25/2019 11:32:27 AM - Chronic Risk - High School Receptor

INDEX	POLID	POLABBREV	CONC	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO
1	9901	DieselExhPM	0.00093	NonCancerChronicHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD
1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

* Key to Toxicological Endpoints

CV	Cardiovascular System
CNS	Central Nervous System
IMMUN	Immune System
KIDN	Kidneys
GILV	Gastrointestinal Tract and Liver/Alimentary Tract
REPRO	Reproductive System
RESP	Respiratory System
SKIN	Skin irritation and/or other effects
EYE	Eye irritation and/or other effects
BONE	Bones and Teeth
ENDO	Endocrine System
BLOOD	Hematological System

Residential MER location (UTM): 402635.6, 3757009.04

School MER location (UTM): 402350.49, 3757144.73