Appendix E

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Subject: Risk and Hazard Screening Analysis (REVISION 1)
Proposed California Circle Project
Milpitas, California

Mr. Davenport:

As requested by Trumark Homes, LLC (Trumark), Haley and Aldrich, Inc. (Haley & Aldrich) conducted an assessment to determine the cumulative health risk from proximal railway, roadways, and permitted sources near the proposed California Circle development project (the "Project"). In addition, we assessed the health risk of emissions from project-related construction activities on local residences.

PROJECT BACKGROUND

Trumark proposes to transform a portion of a former industrial area into a residential neighborhood consisting of 84 single family homes at 1494-1600 California Circle in Milpitas, CA. The site location is identified in Figure 1.

For new sources (e.g. a manufacturing facility) or as in our case, for new receptors (e.g. new residences), the Bay Area Air Quality Management District (BAAQMD) California Environmental Quality Act (CEQA) Air Quality Guidelines[1] (the "Guidelines") recommends methods whereby local community risk and hazard impacts are determined based on comparison with applicable thresholds of significance and screening criteria.

For assessing community risks and hazards, the Guidelines as well as the related document Recommended Methods for Screening and Modeling Local Risks and Hazards (BAAQMD, May 2012) recommends that any proposed project that includes the siting of a new source or receptor, assess associated impacts within 1,000 feet, taking into account both individual and nearby cumulative sources. Cumulative sources represent the combined total risk values of each individual source within the 1,000-foot evaluation zone; with the 1,000-foot radius enlarged on a case-by-case basis should an unusually large source of risk be present.

PROJECT HEALTH RISK ASSOCIATED WITH OFFSITE SOURCES

To evaluate the risk of offsite sources on the Project a 10-meter receptor grid was established over the proposed property development as shown in Figure 2 and the health risk associated from railway, roadway and other proximal sources were evaluated as described below.

A. Risk and Hazard Screening Analysis - Railway

To determine the human health risk associated with the railway east of the project site the following tasks were completed:

- The locomotive DPM emissions were estimated.
- The annual average DPM concentration at each receptor location was estimated using air dispersion modeling.
- The DPM concentration for each receptor location was used to estimate the possible carcinogenic health risk.

Emission Estimates
Available information was used to determine rail traffic parameters and estimate the emissions from the railway and those parameters are summarized in Table II.

The method of quantifying railway emissions is similar to the method provided for in the Port of Redwood City 2005 Emissions Inventory[3] and uses information in that report as well as USEPA's Locomotive Emissions Standard Support Document.[4] These documents provide a methodology to calculate annual estimated emissions from the adjacent railway segment based on the locomotive fleet weighted PM emission factors, locomotive duty cycle, and annual hours of travel on the railway adjacent to the project. The resultant annualized PM emission rate was determined to be 0.00018 g/s. See Table IV for the detailed emission calculations.

Receptor Concentrations
Using the above emission rate, the estimated concentrations of DPM were generated at each receptor location using USEPA's Industrial Source Complex Short Term Model (ISCST3) air dispersion model. The parameters and assumptions used to generate the receptor concentrations are provided in Table III and are consistent with USEPA modeling instructions for modeling rail sources.[5] Table V provides the DPM concentrations at each receptor as a result of the railway traffic.

Cancer Risk Assessment Methodology
Using the generated DPM concentrations at each receptor, the estimated inhalation cancer risk from exposure to DPM was determined using methods similar to those provided in the assessments conducted per the 2005 California Air Resources Board and Railroad Statewide Agreement with UPRR and BNSF Railways[6] and the ARB Health Risk Assessment Guidance for Rail Yard and Intermodal Facilities.[7]

The methods below represents a Tier-1 assessment as described by OEHHA.[8] The inhalation dose and associated cancer risk is estimated based on Equations 1 and 2:

Inhalation Dose (Dose-Inh) = 10^{-6} • C_{air} • DBR • (EF • ED)/AT [Equation 1]

Where,
Dose-inh - Dose through inhalation (mg/kg-day)
10^{-6} - Unit conversion factor
C_{air} - Model-estimated DPM concentration (µg/m3)
DBR - Daily breathing rate (L/kg-day)
EF - Exposure frequency (days/year)
ED - Exposure duration (years)
AT - Averaging time period over which exposure is averaged (days)

Cancer risk = Cancer Potency (CP) • Dose-Inh • ASF [Equation 2]

Where,
Cancer risk – Estimated increase in cancer risk (increase per million population)
CP - Cancer potency; the cancer potency (in mg/kg-day^{-1})
ASF – Age Sensitivity Factor

Table VI provides the parameters used to generate the cancer risks calculated at each receptor shown in Table VII.

B. Risk and Hazard Screening Analysis – Roadways

The BAAQMD Roadway Screening Analysis Table for Santa Clara County was used to assess the risk associated with the roadways.[9] The estimated lifetime cancer risk and $PM_{2.5}$ concentrations from the roadways is dependent on the annual average daily traffic (ADT) and the distance from the receptor to the roadway. Per the screening analysis table, no analysis is required for ADT values less than 10,000.

Roadways within 1,000 feet of the Project include:

- Interstate 880 (to the west of the Project);
- Dixon Landing Road (to the north of the Project);
- California Circle (to the west of the project); and
- Milmont Drive (to the east of the project).

The estimated risks and hazards were determined based on Figure ES-1 of the Recommended Methods for Screening and Modeling Local Risks and Hazards (BAAQMD, May 2012). The City of Milpitas website traffic volume map was used to determine ADT values for the above roadways. The traffic volume map indicated California Circle and Milmont Drive have ADT values less than 10,000 and therefore require no further analysis.

The receptor cancer risk and $PM_{2.5}$ concentrations associated from I-880 and Dixon Landing Road were determined by using a scaled drawing of the property and surrounding area with the receptor grid overlaid on the property. Within AutoCAD, the lifetime cancer risk was determined based on the distance to the receptor from Dixon Landing Road and to I-880. When the ADT value or distance

between the receptor and roadway was between two screening table values, the Guidelines state linear interpolation should be used to obtain the cancer risk. The chronic hazard index was determined for each receptor by measuring the nearest receptor to I-880 and using the BAAQMD estimated hazard index for the entire grid.

Studies have shown that the concentrations of particulate matter tend to be reduced substantially or can even be indistinguishable from upwind background concentrations at a distance 1,000 feet downwind from freeways[15]. As a result, receptors located beyond 1,000 feet of the Project were not evaluated in this analysis.

The lifetime cancer risk, chronic hazard index and $PM_{2.5}$ concentrations associated with roadway DPM at each receptor location are presented in Tables VIII, IX, and X.

C. Risk and Hazard Screening Analysis – Stationary Sources

To determine the human health risk and $PM_{2.5}$ concentrations associated with permitted sources, the Google Earth™ tool provided by BAAQMD was used to determine permitted sources within 1,000 feet of the property boundary. Using the tool the following six stationary sources were identified:

- Plant No. G9641: International Disposal Corp of California;
- Plant No. 17155: City of Milpitas Pumping station (above ground storage tank);
- Plant No. G10862: Chevron Gas Station;
- Plant No. 8296: Ford Cleaners;
- Plant No. 17157: City of Milpitas Pumping station; and
- Plant No. 15840: LTX Credence (above ground storage tank).

Haley and Aldrich contacted BAAQMD to obtain emissions information for the stationary sources. The distances were measured from the nearest receptor to the permitted source. The permitted source information received from BAAQMD is included in Appendix C and Appendix D. The information received was used to calculate the permitted source risk at each receptor. The permitted source calculations are included in Table VII.

D. Results of the Risk and Hazard Screening Analysis

The impact of the above investigated sources on the new receptors are summarized in Tables VIII, IX, and X and are within anticipated acceptable cumulative thresholds for risks and hazards.[2]

CONSTRUCTION IMPACTS ON OFF-SITE RECEPTORS

The Guidelines require the health risk associated with construction activity emissions (i.e. those emissions resulting from the actual building of the residences) on properties within a 1,000 foot radius of the project be assessed as provided below.

A. Risk and Hazard Screening Analysis – Construction-related activities

The Guideline recommends that all receptors located within a 1,000 foot radius of the Project's fence line be assessed for potentially significant impacts from the incremental increase in risks or hazards from the proposed new source.[1] To evaluate this risk, a 10-meter receptor grid was established over existing residences within 1,000 feet of the Project boundary (see Figure 3).

Construction period emissions were computed using US EPA's URBEMIS2007 Version 9.2.4.. The following anticipated project schedule and existing building information was entered into the model:

1. Beginning in May 2013, Demolition of existing buildings for a period of 6 weeks;
2. Site grading for a period of 5 weeks;
3. Additional Ground Improvement/Trenching for a period of 4 weeks;
4. Paving for a period of 1 week;
5. Building construction to build out for a period of 20 months.

The URBEMIS2007 modeling output is provided in Appendix A.

Receptor Concentrations
Using the emission rates generated by the URBEMIS2007 model, the estimated concentrations of DPM and $PM_{2.5}$ were generated at each receptor location using USEPA's Industrial Source Complex Short Term Model (ISCST3) air dispersion model. The parameters and assumptions used to generate receptor concentrations are provided in Table I. Appendix B provides the modeling output and concentrations at each receptor as a result of the construction operations.

Cancer Risk Assessment Methodology
The inhalation dose and associated cancer risk is calculated based on Equations 1 and 2 provided above. The modeling parameters and assumptions can be found in Table I.

B. Results of the Risk and Hazard Screening Analysis

The highest receptor concentration for cancer risk was determined to be 1.22 cancer cases per million with the highest $PM_{2.5}$ concentration is 0.175 µg/m3. These results are within anticipated acceptable thresholds.[2]

MITIGATION MEASURE INVESTIGATION

The modeling above and underlying assumptions, including exposure duration and unobstructed DPM concentrations from road/rail at each receptor, present a conservative analysis of possible concentrations at each receptor. In addition, the construction-related impacts on off-site receptors are based on conservative estimates of on-site activities. Even with such conservative assumptions, the results of the assessment indicate health risks are well within anticipated acceptable thresholds[2]. For completeness of the document, the following discussion presents mitigative measures that could be considered if necessary.

Filtration

DPM consists of fine particulates typically less than 2.5 micrometers (μm) in size per USEPA.[10] A ventilation system with a minimum efficacy reporting value (MERV) 13, consistent with American Society of Heating, Refrigeration and Air-Conditions Engineers (ASHRAE) standards[11] has the potential to remove between 75 percent and 90 percent of particulate emissions in the particle size range of 0.30 to 3.0.[12]

Vegetation Barriers

Because of the concern regarding diesel particulate matter concentrations, the University of California Davis has conducted work to review air quality improvements associated with near-road barriers such sound walls and vegetation. As part of the work an extensive body of documents was reviewed regarding the reduction of particulate matter by urban forests. This work identified several factors impacting the ability of vegetation to reduce airborne concentrations including wind speed, vegetation characteristics, and species selection, foliate characteristics, particulate diameters and plot location.[13]

As part of the above work, the removal rate of particulate matter passing through vegetative layers of redwood, deodar and live oak were studied with winds speeds up to 4 meters per second (m/s) or approximately 9 miles per hours (mph). All species showed a removal rate of at least 50% at wind speeds less than 0.5 m/s. Deodar showed a 50% reduction at winds in the area of 2 to 2.5 m/s with redwood achieving a 30% reduction in wind speeds at 2 m/s. The study concluded that vegetation is very effective at low winds speeds and where the vegetation is close to the source of emissions. The study also noted the expectation that diesel emissions would be more efficiently removed onto vegetation because of higher diffusion rates.[14]

Additionally, BAAQMD CEQA guidelines recommend that projects proposing to place sensitive receptors adjacent to sources of diesel PM (e.g., freeways, major roadways, rail lines, and rail yards) should consider tiered plantings of trees such as redwood, deodar cedar, live oak and oleander to reduce contaminant and PM exposure. The recommendation is based on a laboratory study that measured the removal rates of PM passing through leaves and needles of vegetation using a wind tunnel and a static chamber passing PM through redwood, deodar cedar, live oak, and oleander at low wind velocities. The results indicated that all forms of vegetation are able to remove 65–85 percent of very fine particles at wind velocities below 1.5 meters per second, with redwood and deodar cedar being the most effective.[1]

CONCLUSION

Based on the above analysis that followed BAAQMD guidelines, the health risks associated with off-site sources on the new receptors (the new residential units) and the health risks associated with emissions generated from construction of the new units on the surrounding residences were both determined to be within the anticipated acceptable thresholds.

We appreciate the opportunity to provide environmental consulting services on this project. Please do not hesitate to call James at 925.949.2760 if you have any questions or comments.

Sincerely yours,
HALEY & ALDRICH, INC.

Craig S. Schmeisser
Air Quality Specialist

James P. Schwartz
Client Leader

Enclosures:

Table I – Construction-related Model Input Parameters
Table II – Railway Traffic Information
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Table IV – DPM Emissions from Locomotives
Table V – DPM Concentrations at Receptor Locations
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Figure 1 – Site Location Map
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Appendix A – URBEMIS2007 Construction-related Impact Results
Appendix B – ICST3 Air Dispersion Modeling Results
Appendix C – BAAQMD Permitted Source Information
Appendix D – BAAQMD Diesel Multiplier

REFERENCES

1. BAAQMD. 2012. CEQA Air Quality Guidelines (Updated May 2012).

2. BAAQMD. 2010. Table 2.1 Proposed Air Quality CEQA Thresholds of Significance, CEQA Air Quality Guidelines (Updated May 2010).

3. Moffatt and Nichol, ENVIRON. 2010. Port of Redwood City 2005 Emissions Inventory as prepared for Bay Planning Coalition.

4. USEPA. 1998. Locomotive Emissions Standards Regulatory Support Document.

5. USEPA. 1995. User's Guide for the Industrial Source Complex (ISC3) Dispersion Models. EPA-4504/B-95-003a and EPA-4504/B-95-003b.

6. 2005 California Air Resources Board and Railroad Statewide Agreement with UPRR and BNSF Railways

7. ARB Health Risk Assessment Guidance for Rail Yard and Intermodal Facilities, California Air Resources Board, September 2006.

8. OEHHA. 2003. "The Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments."

9. BAAQMD. 2012. Roadway Screening Analysis Tables.

10. USEPA. 2002. Health Assessment Document for Diesel Exhaust.

11. ASHRAE. 1999. ANSI/ASHRAE Standards 52.2.

12. National Air Filtration Association. 2010. Understanding MERV. NAFA User's Guide for ANSI/ASHRAE Standard 52.2-2007.

13. UC-Davis and Caltrans. 2009. Practical Mitigation Measures for Diesel Particulate Matter: Near-Road Vegetation Barriers.

14. Fujii, E., J. Lawton, T. Cahill, D. Barnes, C. Hayes, and N. Spada. 2008. Removal Rates of Particulate Matter onto Vegetation as a Function of Particle Size.

15. Zhu, Y. Hinds, W.C., Kim S, and Sioutas, C. 2002. Concentrations and size distribution of ultrafine particles near a major highway. Journal of Air and Waste Management Association. 2002 Sep; 52 (9): 1032-1042.

Table I
Construction-related Model Inout Parameters
California Circle Project Development
Trumark Homes LLC
Milpitas, CA

$PM_{2.5}$ Modeling - Construction

Model Parameter	Input
Emission Rate[1]	0.00489
Area of on-site construction (area)	7.4 acres
Emissions rate per unit area	1.633×10^{-7}
Release height (m)	0
Initial Vertical Dimension (m)	1
Number of Receptors	2051
Highest receptor concentration ($\mu g/m^3$)	0.175

Cancer Risk - Construction

Model Parameter	Input
Emission Rate[1]	0.003164
Area of on-site construction (acre)	7.4 acres
Emissions rate per unit area	1.057×10^{-7}
Release height (m)	0
Initial Vertical Dimension (m)	1
Number of Receptors	2051
Highest receptor concentration ($\mu g/m^3$)	0.11303
Cancer Risk (per million)	1.22

Exposure Parameter	70 Year Resident	Units
Daily Breathing Rate (DBR)[2]	302	L/kg-day
Exposure Frequency (EF)[3]	245	days/year
Exposure Duration (ED)[4]	2	years
Averaging Time (AT)[2]	25550	days
Age Sensitivity Factor (ASF)[2]	1.7	
Cancer Potency (CP)[5]	1.1	$(mg/kg\text{-}day)^{-1}$

Footnotes:

[1]See Appendix A for URBEMIS2007 modeling results.

[2]BAAQMD. 2010. Air Toxics NSR Program Health Risk Screening Analysis Guidelines, pp. 2 - 3.

[3]Assumes working 5 days per week, 52 weeks per year excluding holidays

[4]Based on Construction schedule

[5]Cal/EPA. 2011. OEHHA/ARB Consolidated Table of Approved Risk Assessment Health Values.

Table II
Railway Traffic Information
California Circle Project Development
Trumark Homes LLC
Milpitas, CA

Parameter	Value
Trains per day[1]	2
Weeks per year[1]	52
Days per week[1]	5
Trains per year	520
Track length (ft)	2362
Travel Speed (mph)	10
Annual hours of travel	23.3

Footnotes:

[1]Assumptions made for a property south.

[2]Length of track adjacent to property with an additional 500' in both directions.

[3]See Reference 2.

Table III
Railway Model Input Parameters
California Circle Project Development
Trumark Homes LLC
Milpitas, CA

Model Parameter	Input
Source[1]	Rail
Souce Type[1]	Volume
Meteorological Data[2]	Alviso Station in Santa Clara County (1996 - 2000)
Dispersion Parameters[1]	Urban
Source Dimension (m)[3]	3' x 3'
Number of Sources	89
Release Height (m)[1]	0
Initial Vertical Dimension (m)[1]	2.33
Initial Lateral Dimension (m)[1]	2.15

Footnotes:

[1]See Reference 4.

[2]BAAQMD meteorological data may be found at http://hank.baaqmd.gov/tec/data/#.

[3]Based on track width.

Table IV
DPM Emissions from Locomotives
California Circle Project Development
Trumark Homes LLC
Milpitas, CA

Locomotive Emission Factors Data											
		DPM Emissions by Notch Setting (g/hr)[1]									
Locomotive Model Group	**Fleet Mix Percentage[2]**	**Idle**	**Dynamic Braking**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**
GP-4x	23%	47.9	80	35.7	134.3	211.9	228.6	289.7	488.5	584.2	749.9
SD-7x	56%	14.8	15.1	36.8	61.1	215.7	335.9	388.6	766.8	932.1	1009.6
Dash 9	21%	21%	88.4	62.1	140.2	259.5	342.2	380.4	443.5	402.7	570

Footnotes:
[1]See Reference 2.
[2]See Reference 3.

Locomotive DPM Emissions Calculation										
Locomotive Notch Setting	**Idle**	**Dynamic brake**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**
Locomotive Fleet Weighted PM Emissions Factor (g/hr)	22.9	45.4	41.9	94.5	224	312.5	364.1	634.9	740.9	857.6
Duty Cycle: Line-Haul % Time in notch[1]	38	12.5	6.5	6.5	5.2	4.4	3.8	3.9	3	16.2
Annual PM Emissions (lb/year)[2]	12.74									
Annualized PM Rate (g/s)	**1.83E-04**									

Footnotes:
[1]See Reference 3.
[2]Emissions quantified based on hours of operation provided in above table, locomotive fleet weighted PM emission factor and % time in notch.

Table V
DPM Concentrations at Receptor Locations
California Circle Project Development
Trumark Homes LLC
Milpitas, CA

Receptor	Receptor Location		Elevation	Flagpole Height	Average Concentration
ID	UTMx	UTMy			
	m		(m)	(ft)	(µg/m3)
1	595,607	4,145,347	2	0	0.00022
2	595,607	4,145,357	2	0	0.00022
3	595,617	4,145,357	2	0	0.00023
4	595,627	4,145,357	2	0	0.00024
5	595,637	4,145,357	2	0	0.00024
6	595,647	4,145,357	2	0	0.00025
7	595,657	4,145,357	2	0	0.00026
8	595,667	4,145,357	2	0	0.00027
9	595,607	4,145,367	2	0	0.00023
10	595,617	4,145,367	2	0	0.00023
11	595,627	4,145,367	2	0	0.00024
12	595,637	4,145,367	2	0	0.00025
13	595,647	4,145,367	2	0	0.00026
14	595,657	4,145,367	2	0	0.00027
15	595,667	4,145,367	2	0	0.00027
16	595,677	4,145,367	2	0	0.00028
17	595,687	4,145,367	2	0	0.00029
18	595,697	4,145,367	2	0	0.00030
19	595,707	4,145,367	2	0	0.00032
20	595,607	4,145,377	2	0	0.00023
21	595,617	4,145,377	2	0	0.00024
22	595,627	4,145,377	2	0	0.00025
23	595,637	4,145,377	2	0	0.00025
24	595,647	4,145,377	2	0	0.00026
25	595,657	4,145,377	2	0	0.00027
26	595,667	4,145,377	2	0	0.00028
27	595,677	4,145,377	2	0	0.00029
28	595,687	4,145,377	2	0	0.00030
29	595,697	4,145,377	2	0	0.00031
30	595,707	4,145,377	2	0	0.00032
31	595,596	4,145,387	2	0	0.00023
32	595,607	4,145,387	2	0	0.00024
33	595,617	4,145,387	2	0	0.00024
34	595,627	4,145,387	2	0	0.00025
35	595,637	4,145,387	2	0	0.00026
36	595,647	4,145,387	2	0	0.00027
37	595,657	4,145,387	2	0	0.00028
38	595,667	4,145,387	2	0	0.00029
39	595,677	4,145,387	2	0	0.00030
40	595,687	4,145,387	2	0	0.00031
41	595,697	4,145,387	2	0	0.00032
42	595,597	4,145,397	2	0	0.00024
43	595,607	4,145,397	2	0	0.00024
44	595,617	4,145,397	2	0	0.00025
45	595,627	4,145,397	2	0	0.00026
46	595,637	4,145,397	2	0	0.00027
47	595,647	4,145,397	2	0	0.00028
48	595,657	4,145,397	2	0	0.00028
49	595,667	4,145,397	2	0	0.00029
50	595,677	4,145,397	2	0	0.00030
51	595,687	4,145,397	2	0	0.00032
52	595,697	4,145,398	2	0	0.00033
53	595,597	4,145,407	2	0	0.00024
54	595,607	4,145,407	2	0	0.00025
55	595,617	4,145,407	2	0	0.00026
56	595,627	4,145,407	2	0	0.00026
57	595,637	4,145,407	2	0	0.00027
58	595,647	4,145,407	2	0	0.00028
59	595,657	4,145,407	2	0	0.00029
60	595,667	4,145,407	2	0	0.00030
61	595,677	4,145,407	2	0	0.00031
62	595,687	4,145,407	2	0	0.00032
63	595,587	4,145,417	2	0	0.00024

Table V
DPM Concentrations at Receptor Locations
California Circle Project Development
Trumark Homes LLC
Milpitas, CA

64	595,597	4,145,417	2	0	0.00025
65	595,607	4,145,417	2	0	0.00025
66	595,617	4,145,417	2	0	0.00026
67	595,627	4,145,417	2	0	0.00027
68	595,637	4,145,417	2	0	0.00028
69	595,647	4,145,417	2	0	0.00029
70	595,657	4,145,417	2	0	0.00030
71	595,667	4,145,417	2	0	0.00031
72	595,677	4,145,417	2	0	0.00032
73	595,687	4,145,417	2	0	0.00033
74	595,587	4,145,427	2	0	0.00024
75	595,597	4,145,427	2	0	0.00025
76	595,607	4,145,427	2	0	0.00026
77	595,617	4,145,427	2	0	0.00027
78	595,627	4,145,427	2	0	0.00028
79	595,637	4,145,427	2	0	0.00028
80	595,647	4,145,427	2	0	0.00029
81	595,657	4,145,427	2	0	0.00030
82	595,667	4,145,427	2	0	0.00032
83	595,677	4,145,427	2	0	0.00033
84	595,577	4,145,437	2	0	0.00024
85	595,587	4,145,437	2	0	0.00025
86	595,597	4,145,437	2	0	0.00026
87	595,607	4,145,437	2	0	0.00026
88	595,617	4,145,437	2	0	0.00027
89	595,627	4,145,437	2	0	0.00028
90	595,637	4,145,437	2	0	0.00029
91	595,647	4,145,437	2	0	0.00030
92	595,657	4,145,437	2	0	0.00031
93	595,667	4,145,437	2	0	0.00032
94	595,577	4,145,447	2	0	0.00024
95	595,587	4,145,447	2	0	0.00025
96	595,597	4,145,447	2	0	0.00026
97	595,607	4,145,447	2	0	0.00027
98	595,617	4,145,447	2	0	0.00028
99	595,627	4,145,447	2	0	0.00029
100	595,637	4,145,447	2	0	0.00030
101	595,647	4,145,447	2	0	0.00031
102	595,657	4,145,447	2	0	0.00032
103	595,667	4,145,447	2	0	0.00033
104	595,567	4,145,457	2	0	0.00024
105	595,577	4,145,457	2	0	0.00025
106	595,587	4,145,457	2	0	0.00026
107	595,597	4,145,457	2	0	0.00027
108	595,607	4,145,457	2	0	0.00027
109	595,617	4,145,457	2	0	0.00028
110	595,627	4,145,457	2	0	0.00029
111	595,637	4,145,457	2	0	0.00030
112	595,647	4,145,457	2	0	0.00031
113	595,657	4,145,457	2	0	0.00033
114	595,557	4,145,467	2	0	0.00024
115	595,567	4,145,467	2	0	0.00025
116	595,577	4,145,467	2	0	0.00026
117	595,587	4,145,467	2	0	0.00026
118	595,597	4,145,467	2	0	0.00027
119	595,607	4,145,467	2	0	0.00028
120	595,617	4,145,467	2	0	0.00029
121	595,627	4,145,467	2	0	0.00030
122	595,637	4,145,467	2	0	0.00031
123	595,647	4,145,467	2	0	0.00032
124	595,657	4,145,467	2	0	0.00033
125	595,557	4,145,477	2	0	0.00024
126	595,567	4,145,477	2	0	0.00025
127	595,577	4,145,477	2	0	0.00026
128	595,587	4,145,477	2	0	0.00027
129	595,597	4,145,477	2	0	0.00028

Table V
DPM Concentrations at Receptor Locations
California Circle Project Development
Trumark Homes LLC
Milpitas, CA

130	595,607	4,145,477	2	0	0.00029
131	595,617	4,145,477	2	0	0.00030
132	595,627	4,145,477	2	0	0.00031
133	595,637	4,145,477	2	0	0.00032
134	595,647	4,145,477	2	0	0.00033
135	595,547	4,145,487	2	0	0.00024
136	595,557	4,145,487	2	0	0.00025
137	595,567	4,145,487	2	0	0.00026
138	595,577	4,145,487	2	0	0.00027
139	595,587	4,145,487	2	0	0.00027
140	595,597	4,145,487	2	0	0.00028
141	595,607	4,145,487	2	0	0.00029
142	595,617	4,145,487	2	0	0.00030
143	595,627	4,145,487	2	0	0.00031
144	595,637	4,145,487	2	0	0.00033
145	595,647	4,145,487	2	0	0.00034
146	595,547	4,145,497	2	0	0.00025
147	595,557	4,145,497	2	0	0.00025
148	595,567	4,145,497	2	0	0.00026
149	595,577	4,145,497	2	0	0.00027
150	595,587	4,145,497	2	0	0.00028
151	595,597	4,145,497	2	0	0.00029
152	595,607	4,145,497	2	0	0.00030
153	595,617	4,145,497	2	0	0.00031
154	595,627	4,145,497	2	0	0.00032
155	595,637	4,145,497	2	0	0.00033
156	595,647	4,145,497	2	0	0.00034
157	595,537	4,145,507	2	0	0.00024
158	595,547	4,145,507	2	0	0.00025
159	595,557	4,145,507	2	0	0.00026
160	595,567	4,145,507	2	0	0.00027
161	595,577	4,145,507	2	0	0.00028
162	595,587	4,145,507	2	0	0.00029
163	595,597	4,145,507	2	0	0.00030
164	595,607	4,145,507	2	0	0.00031
165	595,617	4,145,507	2	0	0.00032
166	595,627	4,145,507	2	0	0.00033
167	595,637	4,145,507	2	0	0.00034
168	595,527	4,145,517	2	0	0.00024
169	595,537	4,145,517	2	0	0.00025
170	595,547	4,145,517	2	0	0.00026
171	595,557	4,145,517	2	0	0.00026
172	595,567	4,145,517	2	0	0.00027
173	595,577	4,145,517	2	0	0.00028
174	595,587	4,145,517	2	0	0.00029
175	595,597	4,145,517	2	0	0.00030
176	595,607	4,145,517	2	0	0.00031
177	595,617	4,145,517	2	0	0.00032
178	595,627	4,145,517	2	0	0.00034
179	595,527	4,145,527	2	0	0.00025
180	595,537	4,145,527	2	0	0.00025
181	595,547	4,145,527	2	0	0.00026
182	595,557	4,145,527	2	0	0.00027
183	595,567	4,145,527	2	0	0.00028
184	595,577	4,145,527	2	0	0.00029
185	595,587	4,145,527	2	0	0.00030
186	595,597	4,145,527	2	0	0.00031
187	595,607	4,145,527	2	0	0.00032
188	595,617	4,145,527	2	0	0.00033
189	595,627	4,145,527	2	0	0.00034
190	595,517	4,145,537	2	0	0.00024
191	595,527	4,145,537	2	0	0.00025
192	595,537	4,145,537	2	0	0.00026
193	595,547	4,145,537	2	0	0.00027
194	595,557	4,145,537	2	0	0.00027
195	595,567	4,145,537	2	0	0.00028

Table V
DPM Concentrations at Receptor Locations
California Circle Project Development
Trumark Homes LLC
Milpitas, CA

196	595,577	4,145,537	2	0	0.00029
197	595,587	4,145,537	2	0	0.00030
198	595,597	4,145,537	2	0	0.00031
199	595,607	4,145,537	2	0	0.00033
200	595,617	4,145,537	2	0	0.00034
201	595,517	4,145,547	2	0	0.00025
202	595,527	4,145,547	2	0	0.00025
203	595,537	4,145,547	2	0	0.00026
204	595,547	4,145,547	2	0	0.00027
205	595,557	4,145,547	2	0	0.00028
206	595,567	4,145,547	2	0	0.00029
207	595,577	4,145,547	2	0	0.00030
208	595,587	4,145,547	2	0	0.00031
209	595,597	4,145,547	2	0	0.00032
210	595,607	4,145,547	2	0	0.00033
211	595,617	4,145,547	2	0	0.00034
212	595,507	4,145,557	2	0	0.00024
213	595,517	4,145,557	2	0	0.00025
214	595,527	4,145,557	2	0	0.00026
215	595,537	4,145,557	2	0	0.00027
216	595,547	4,145,557	2	0	0.00028
217	595,557	4,145,557	2	0	0.00029
218	595,567	4,145,557	2	0	0.00029
219	595,577	4,145,558	2	0	0.00031
220	595,587	4,145,557	2	0	0.00032
221	595,597	4,145,557	2	0	0.00033
222	595,607	4,145,557	2	0	0.00034
223	595,507	4,145,567	2	0	0.00025
224	595,517	4,145,567	2	0	0.00026
225	595,527	4,145,567	2	0	0.00026
226	595,537	4,145,567	2	0	0.00027
227	595,547	4,145,567	2	0	0.00028
228	595,557	4,145,567	2	0	0.00029
229	595,567	4,145,567	2	0	0.00030
230	595,577	4,145,567	2	0	0.00031
231	595,587	4,145,567	2	0	0.00032
232	595,597	4,145,567	2	0	0.00033
233	595,607	4,145,567	2	0	0.00035
234	595,507	4,145,577	2	0	0.00025
235	595,517	4,145,577	2	0	0.00026
236	595,527	4,145,577	2	0	0.00027
237	595,537	4,145,577	2	0	0.00028
238	595,547	4,145,577	2	0	0.00029
239	595,557	4,145,577	2	0	0.00030
240	595,567	4,145,577	2	0	0.00031
241	595,577	4,145,577	2	0	0.00032
242	595,587	4,145,577	2	0	0.00033
243	595,597	4,145,577	2	0	0.00034
244	595,497	4,145,587	2	0	0.00025
245	595,507	4,145,587	2	0	0.00026
246	595,517	4,145,587	2	0	0.00026
247	595,527	4,145,587	2	0	0.00027
248	595,537	4,145,587	2	0	0.00028
249	595,547	4,145,587	2	0	0.00029
250	595,557	4,145,587	2	0	0.00030
251	595,567	4,145,587	2	0	0.00031
252	595,577	4,145,587	2	0	0.00032
253	595,587	4,145,587	2	0	0.00033
254	595,597	4,145,587	2	0	0.00035
255	595,497	4,145,597	2	0	0.00025
256	595,507	4,145,597	2	0	0.00026
257	595,517	4,145,597	2	0	0.00027
258	595,527	4,145,597	2	0	0.00028
259	595,537	4,145,597	2	0	0.00029
260	595,547	4,145,597	2	0	0.00030
261	595,557	4,145,597	2	0	0.00031

Table V
DPM Concentrations at Receptor Locations
California Circle Project Development
Trumark Homes LLC
Milpitas, CA

262	595,567	4,145,597	2	0	0.00032
263	595,577	4,145,597	2	0	0.00033
264	595,587	4,145,597	2	0	0.00034
265	595,497	4,145,607	2	0	0.00026
266	595,507	4,145,607	2	0	0.00026
267	595,517	4,145,607	2	0	0.00027
268	595,527	4,145,607	2	0	0.00028
269	595,537	4,145,607	2	0	0.00029
270	595,547	4,145,607	2	0	0.00030
271	595,557	4,145,607	2	0	0.00031
272	595,567	4,145,607	2	0	0.00032
273	595,577	4,145,607	2	0	0.00034
274	595,487	4,145,617	2	0	0.00025
275	595,497	4,145,617	2	0	0.00026
276	595,507	4,145,617	2	0	0.00027
277	595,517	4,145,617	2	0	0.00028
278	595,527	4,145,617	2	0	0.00029
279	595,537	4,145,617	2	0	0.00030
280	595,547	4,145,617	2	0	0.00031
281	595,557	4,145,617	2	0	0.00032
282	595,567	4,145,617	2	0	0.00033
283	595,577	4,145,617	2	0	0.00034
284	595,487	4,145,627	2	0	0.00026
285	595,497	4,145,627	2	0	0.00026
286	595,507	4,145,627	2	0	0.00027
287	595,517	4,145,627	2	0	0.00028
288	595,527	4,145,627	2	0	0.00029
289	595,537	4,145,627	2	0	0.00030
290	595,547	4,145,627	2	0	0.00031
291	595,557	4,145,627	2	0	0.00032
292	595,567	4,145,627	2	0	0.00034
293	595,487	4,145,637	2	0	0.00026
294	595,497	4,145,637	2	0	0.00027
295	595,507	4,145,637	2	0	0.00028
296	595,517	4,145,637	2	0	0.00029
297	595,527	4,145,637	2	0	0.00030
298	595,537	4,145,637	2	0	0.00031
299	595,547	4,145,637	2	0	0.00032
300	595,557	4,145,637	2	0	0.00033
301	595,567	4,145,637	2	0	0.00034
302	595,487	4,145,647	2	0	0.00026
303	595,497	4,145,647	2	0	0.00027
304	595,507	4,145,647	2	0	0.00028
305	595,517	4,145,647	2	0	0.00029
306	595,527	4,145,647	2	0	0.00030
307	595,537	4,145,647	2	0	0.00031
308	595,547	4,145,647	2	0	0.00032
309	595,557	4,145,647	2	0	0.00033
310	595,487	4,145,657	2	0	0.00027
311	595,497	4,145,657	2	0	0.00028
312	595,507	4,145,657	2	0	0.00029
313	595,517	4,145,657	2	0	0.00030
314	595,527	4,145,657	2	0	0.00031
315	595,537	4,145,657	2	0	0.00032
316	595,547	4,145,657	2	0	0.00033
317	595,557	4,145,657	2	0	0.00034
318	595,477	4,145,667	2	0	0.00026
319	595,487	4,145,667	2	0	0.00027
320	595,497	4,145,667	2	0	0.00028
321	595,507	4,145,667	2	0	0.00029
322	595,517	4,145,667	2	0	0.00030
323	595,527	4,145,667	2	0	0.00031
324	595,537	4,145,667	2	0	0.00032
325	595,547	4,145,667	2	0	0.00033
326	595,477	4,145,677	2	0	0.00027
327	595,487	4,145,677	2	0	0.00028

Table V
DPM Concentrations at Receptor Locations
California Circle Project Development
Trumark Homes LLC
Milpitas, CA

328	595,497	4,145,677	2	0	0.00028
329	595,507	4,145,677	2	0	0.00029
330	595,517	4,145,677	2	0	0.00030
331	595,527	4,145,677	2	0	0.00032
332	595,537	4,145,677	2	0	0.00033
333	595,477	4,145,687	2	0	0.00027
334	595,487	4,145,687	2	0	0.00028
335	595,497	4,145,687	2	0	0.00029
336	595,507	4,145,687	2	0	0.00030
337	595,517	4,145,687	2	0	0.00031
338	595,527	4,145,687	2	0	0.00032
339	595,537	4,145,687	2	0	0.00033
340	595,477	4,145,697	2	0	0.00027
341	595,487	4,145,697	2	0	0.00028
342	595,497	4,145,697	2	0	0.00029
343	595,507	4,145,697	2	0	0.00030
344	595,517	4,145,697	2	0	0.00031
345	595,467	4,145,707	2	0	0.00027
346	595,477	4,145,707	2	0	0.00028
347	595,487	4,145,707	2	0	0.00029
348	595,497	4,145,707	2	0	0.00030
349	595,507	4,145,707	2	0	0.00031

Table VI
Risk Assessment Parameters for Railway
California Circle Project Development
Trumark Homes LLC
Milpitas, CA

Exposure Parameter	70 Year Resident	Units
Daily Breathing Rate (DBR)[1]	302	L/kg-day
Exposure Frequency (EF)[1]	350	days/year
Exposure Duration (ED)[1]	70	years
Averaging Time (AT)[1]	25550	days
Age Sensitivity Factor (ASF)[1]	1.7	
Cancer Potency (CP)[2]	1.1	$(mg/kg\text{-}day)^{-1}$

Footnotes:

[1]BAAQMD. 2010. Air Toxics NSR Program Health Risk Screening Anslys Guidelines, pp. 2 - 3.

[2]Cal/EPA. 2011. OEHHA/ARB Consolidated Table of Approved Risk Assessment Health Values.

Table VII
Permitted Source Calculations
California Circle Project Development
Trumark Homes LLC
Milpitas, CA

Distance from Receptor (feet)	Plant # or Gas Dispensary #	Facility Name	Street Address	Screening Level Cancer Risk	Screening Level Hazard Index	Screening Level PM2.5	Distance Multiplier	HRSA Cancer Risk in a million	Age Sensitivity Factor	HRSA Adjusted Cancer Risk	HRSA Chronic Health	HRSA PM2.5 Risk	Cancer Risk (in a million)	Chronic Health Index	$PM_{2.5}$ Risk
60'	G10862	Milpitas Chevron Station	1551 California Cir	17.323	0.029	n/a		1.030	1.7	1.751515152	n/a	0.005490643	1.751515152	0.00000	0.00549
200'	17155	City of Milpitas	1735 California Cir	13.21	0.005	0.023	0.08						1.05680	0.00040	0.00184
770'	15840	LTX - Credence	1421 California Cir	13.17	0.005	0.003		0.240	1.7	0.408	n/a	0.001278997	0.408	0.00000	0.001278997
2100'	G9641	Internation Disposal Corp of Calif	1601 Dixon Landing Road	0.378	0.001	n/a	n/a						0.00000	0.00000	0.00000
1100'	8296	Ford Cleaners	1822 Milmont Drive	7.49	0.02	0	0.04						0.29960	0.00080	0.00000
670'	17157	City Of Milpitas	345 Jurgens Drive	64.07	0.023	0.113	0.08						5.12560	0.00184	0.00904
												Cumulative	**8.6415**	**0.0030**	**0.0176**

Table VIII
Cumulative Cancer Risk
California Circle Project Development
Trumark Homes LLC
Milpitas, CA

Receptor Location		Cancer Risk at each Receptor				
UTMx	UTMy	I-880	Dixon Landing Rd	Railways	Permitted Sources	Total
m		in a million				
595,607	4,145,347	17.687	0.000	0.119	8.642	26.45
595,607	4,145,357	17.585	0.000	0.119	8.642	26.35
595,617	4,145,357	17.071	0.000	0.125	8.642	25.84
595,627	4,145,357	16.557	0.000	0.130	8.642	25.33
595,637	4,145,357	16.043	0.000	0.130	8.642	24.81
595,647	4,145,357	15.545	0.000	0.135	8.642	24.32
595,657	4,145,357	15.031	0.000	0.141	8.642	23.81
595,667	4,145,357	14.517	0.000	0.146	8.642	23.30
595,607	4,145,367	17.492	0.000	0.125	8.642	26.26
595,617	4,145,367	16.978	0.000	0.125	8.642	25.74
595,627	4,145,367	16.479	0.000	0.130	8.642	25.25
595,637	4,145,367	15.965	0.000	0.135	8.642	24.74
595,647	4,145,367	15.451	0.000	0.141	8.642	24.23
595,657	4,145,367	14.937	0.000	0.146	8.642	23.73
595,667	4,145,367	14.423	0.000	0.146	8.642	23.21
595,677	4,145,367	13.925	0.000	0.152	8.642	22.72
595,687	4,145,367	0.000	0.000	0.157	8.642	8.80
595,697	4,145,367	0.000	0.000	0.162	8.642	8.80
595,707	4,145,367	0.000	0.000	0.173	8.642	8.81
595,607	4,145,377	17.414	0.000	0.125	8.642	26.18
595,617	4,145,377	17.367	0.000	0.130	8.642	26.14
595,627	4,145,377	17.305	0.000	0.135	8.642	26.08
595,637	4,145,377	17.258	0.000	0.135	8.642	26.04
595,647	4,145,377	17.211	0.000	0.141	8.642	25.99
595,657	4,145,377	17.165	0.000	0.146	8.642	25.95
595,667	4,145,377	17.102	0.000	0.152	8.642	25.90
595,677	4,145,377	17.056	0.000	0.157	8.642	25.85
595,687	4,145,377	17.009	0.000	0.162	8.642	25.81
595,697	4,145,377	16.947	0.000	0.168	8.642	25.76
595,707	4,145,377	16.900	0.000	0.173	8.642	25.71
595,596	4,145,387	17.986	0.000	0.125	8.642	26.75
595,607	4,145,387	17.320	0.000	0.130	8.642	26.09
595,617	4,145,387	16.806	0.000	0.130	8.642	25.58
595,627	4,145,387	16.292	0.000	0.135	8.642	25.07
595,637	4,145,387	15.794	0.000	0.141	8.642	24.58
595,647	4,145,387	15.280	0.000	0.146	8.642	24.07
595,657	4,145,387	14.766	0.000	0.152	8.642	23.56
595,667	4,145,387	14.252	0.000	0.157	8.642	23.05
595,677	4,145,387	13.738	0.000	0.162	8.642	22.54
595,687	4,145,387	0.000	0.000	0.168	8.642	8.81
595,697	4,145,387	0.000	0.000	0.173	8.642	8.81
595,597	4,145,397	17.823	0.000	0.130	8.642	26.59
595,607	4,145,397	17.243	0.000	0.130	8.642	26.01
595,617	4,145,397	16.729	0.000	0.135	8.642	25.51
595,627	4,145,397	16.215	0.000	0.141	8.642	25.00
595,637	4,145,397	15.701	0.000	0.146	8.642	24.49
595,647	4,145,397	15.187	0.000	0.152	8.642	23.98
595,657	4,145,397	14.688	0.000	0.152	8.642	23.48
595,667	4,145,397	14.174	0.000	0.157	8.642	22.97
595,677	4,145,397	0.000	0.000	0.162	8.642	8.80
595,687	4,145,397	0.000	0.000	0.173	8.642	8.81
595,697	4,145,398	0.000	0.000	0.179	8.642	8.82
595,597	4,145,407	17.687	0.000	0.130	8.642	26.46
595,607	4,145,407	17.149	0.000	0.135	8.642	25.93
595,617	4,145,407	16.635	0.000	0.141	8.642	25.42
595,627	4,145,407	16.121	0.000	0.141	8.642	24.90
595,637	4,145,407	15.623	0.000	0.146	8.642	24.41
595,647	4,145,407	15.109	0.000	0.152	8.642	23.90
595,657	4,145,407	14.595	0.000	0.157	8.642	23.39
595,667	4,145,407	14.081	0.000	0.162	8.642	22.88
595,677	4,145,407	0.000	0.000	0.168	8.642	8.81
595,687	4,145,407	0.000	0.000	0.173	8.642	8.81
595,587	4,145,417	18.423	0.000	0.130	8.642	27.19

Table VIII
Cumulative Cancer Risk
California Circle Project Development
Trumark Homes LLC
Milpitas, CA

595,597	4,145,417	17.570	0.000	0.135	8.642	26.35
595,607	4,145,417	17.056	0.000	0.135	8.642	25.83
595,617	4,145,417	16.557	0.000	0.141	8.642	25.34
595,627	4,145,417	16.043	0.000	0.146	8.642	24.83
595,637	4,145,417	15.529	0.000	0.152	8.642	24.32
595,647	4,145,417	15.015	0.000	0.157	8.642	23.81
595,657	4,145,417	14.501	0.000	0.162	8.642	23.31
595,667	4,145,417	14.003	0.000	0.168	8.642	22.81
595,677	4,145,417	0.000	0.000	0.173	8.642	8.81
595,687	4,145,417	0.000	0.000	0.179	8.642	8.82
595,587	4,145,427	18.259	0.000	0.130	8.642	27.03
595,597	4,145,427	17.492	0.000	0.135	8.642	26.27
595,607	4,145,427	16.978	0.000	0.141	8.642	25.76
595,617	4,145,427	16.464	0.000	0.146	8.642	25.25
595,627	4,145,427	15.950	0.000	0.152	8.642	24.74
595,637	4,145,427	15.436	0.000	0.152	8.642	24.23
595,647	4,145,427	14.937	0.000	0.157	8.642	23.74
595,657	4,145,427	14.423	0.000	0.162	8.642	23.23
595,667	4,145,427	13.909	0.000	0.173	8.642	22.72
595,677	4,145,427	0.000	0.000	0.179	8.642	8.82
595,577	4,145,437	19.022	0.000	0.130	8.642	27.79
595,587	4,145,437	18.123	0.000	0.135	8.642	26.90
595,597	4,145,437	17.398	0.000	0.141	8.642	26.18
595,607	4,145,437	16.884	0.000	0.141	8.642	25.67
595,617	4,145,437	16.370	0.000	0.146	8.642	25.16
595,627	4,145,437	15.872	0.000	0.152	8.642	24.67
595,637	4,145,437	15.358	0.000	0.157	8.642	24.16
595,647	4,145,437	14.844	0.000	0.162	8.642	23.65
595,657	4,145,437	14.330	0.000	0.168	8.642	23.14
595,667	4,145,437	13.816	0.000	0.173	8.642	22.63
595,577	4,145,447	18.859	0.000	0.130	8.642	27.63
595,587	4,145,447	17.959	0.000	0.135	8.642	26.74
595,597	4,145,447	17.320	0.000	0.141	8.642	26.10
595,607	4,145,447	16.806	0.000	0.146	8.642	25.59
595,617	4,145,447	16.292	0.000	0.152	8.642	25.09
595,627	4,145,447	15.778	0.000	0.157	8.642	24.58
595,637	4,145,447	15.264	0.000	0.162	8.642	24.07
595,647	4,145,447	14.766	0.000	0.168	8.642	23.58
595,657	4,145,447	14.252	0.000	0.173	8.642	23.07
595,667	4,145,447	13.738	0.000	0.179	8.642	22.56
595,567	4,145,457	19.595	0.000	0.130	8.642	28.37
595,577	4,145,457	18.723	0.000	0.135	8.642	27.50
595,587	4,145,457	17.823	0.000	0.141	8.642	26.61
595,597	4,145,457	17.227	0.000	0.146	8.642	26.01
595,607	4,145,457	16.713	0.000	0.146	8.642	25.50
595,617	4,145,457	16.199	0.000	0.152	8.642	24.99
595,627	4,145,457	15.701	0.000	0.157	8.642	24.50
595,637	4,145,457	15.187	0.000	0.162	8.642	23.99
595,647	4,145,457	14.673	0.000	0.168	8.642	23.48
595,657	4,145,457	14.159	0.000	0.179	8.642	22.98
595,557	4,145,467	20.358	0.000	0.130	8.642	29.13
595,567	4,145,467	19.459	0.000	0.135	8.642	28.24
595,577	4,145,467	18.559	0.000	0.141	8.642	27.34
595,587	4,145,467	17.659	0.000	0.141	8.642	26.44
595,597	4,145,467	17.134	0.000	0.146	8.642	25.92
595,607	4,145,467	16.635	0.000	0.152	8.642	25.43
595,617	4,145,467	16.121	0.000	0.157	8.642	24.92
595,627	4,145,467	15.607	0.000	0.162	8.642	24.41
595,637	4,145,467	15.093	0.000	0.168	8.642	23.90
595,647	4,145,467	14.579	0.000	0.173	8.642	23.39
595,657	4,145,467	14.081	0.000	0.179	8.642	22.90
595,557	4,145,477	20.195	0.000	0.130	8.642	28.97
595,567	4,145,477	19.295	0.000	0.135	8.642	28.07
595,577	4,145,477	18.395	0.000	0.141	8.642	27.18
595,587	4,145,477	17.570	0.000	0.146	8.642	26.36
595,597	4,145,477	17.056	0.000	0.152	8.642	25.85

Table VIII
Cumulative Cancer Risk
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595,607	4,145,477	16.542	0.000	0.157	8.642	25.34
595,617	4,145,477	16.028	0.000	0.162	8.642	24.83
595,627	4,145,477	15.514	0.000	0.168	8.642	24.32
595,637	4,145,477	15.015	0.000	0.173	8.642	23.83
595,647	4,145,477	14.501	0.000	0.179	8.642	23.32
595,547	4,145,487	13.987	0.000	0.130	8.642	22.76
595,557	4,145,487	20.031	0.000	0.135	8.642	28.81
595,567	4,145,487	19.159	0.000	0.141	8.642	27.94
595,577	4,145,487	18.259	0.000	0.146	8.642	27.05
595,587	4,145,487	17.476	0.000	0.146	8.642	26.26
595,597	4,145,487	16.962	0.000	0.152	8.642	25.76
595,607	4,145,487	16.448	0.000	0.157	8.642	25.25
595,617	4,145,487	15.950	0.000	0.162	8.642	24.75
595,627	4,145,487	15.436	0.000	0.168	8.642	24.25
595,637	4,145,487	14.922	0.000	0.179	8.642	23.74
595,647	4,145,487	14.408	0.000	0.184	8.642	23.23
595,547	4,145,497	20.795	0.000	0.135	8.642	29.57
595,557	4,145,497	19.895	0.000	0.135	8.642	28.67
595,567	4,145,497	18.995	0.000	0.141	8.642	27.78
595,577	4,145,497	18.095	0.000	0.146	8.642	26.88
595,587	4,145,497	17.398	0.000	0.152	8.642	26.19
595,597	4,145,497	16.884	0.000	0.157	8.642	25.68
595,607	4,145,497	16.370	0.000	0.162	8.642	25.17
595,617	4,145,497	15.856	0.000	0.168	8.642	24.67
595,627	4,145,497	15.342	0.000	0.173	8.642	24.16
595,637	4,145,497	14.844	0.000	0.179	8.642	23.66
595,647	4,145,497	14.330	0.000	0.184	8.642	23.16
595,537	4,145,507	21.531	0.000	0.130	8.642	30.30
595,547	4,145,507	20.631	0.000	0.135	8.642	29.41
595,557	4,145,507	19.731	0.000	0.141	8.642	28.51
595,567	4,145,507	18.859	0.000	0.146	8.642	27.65
595,577	4,145,507	17.959	0.000	0.152	8.642	26.75
595,587	4,145,507	17.305	0.000	0.157	8.642	26.10
595,597	4,145,507	16.791	0.000	0.162	8.642	25.59
595,607	4,145,507	16.277	0.000	0.168	8.642	25.09
595,617	4,145,507	15.778	0.000	0.173	8.642	24.59
595,627	4,145,507	15.264	0.000	0.179	8.642	24.08
595,637	4,145,507	14.750	0.000	0.184	8.642	23.58
595,527	4,145,517	22.267	0.000	0.130	8.642	31.04
595,537	4,145,517	21.367	0.000	0.135	8.642	30.14
595,547	4,145,517	20.495	0.000	0.141	8.642	29.28
595,557	4,145,517	19.595	0.000	0.141	8.642	28.38
595,567	4,145,517	18.695	0.000	0.146	8.642	27.48
595,577	4,145,517	17.796	0.000	0.152	8.642	26.59
595,587	4,145,517	17.211	0.000	0.157	8.642	26.01
595,597	4,145,517	16.713	0.000	0.162	8.642	25.52
595,607	4,145,517	16.199	0.000	0.168	8.642	25.01
595,617	4,145,517	15.685	0.000	0.173	8.642	24.50
595,627	4,145,517	15.171	0.000	0.184	8.642	24.00
595,527	4,145,527	22.131	0.000	0.135	8.642	30.91
595,537	4,145,527	21.231	0.000	0.135	8.642	30.01
595,547	4,145,527	20.331	0.000	0.141	8.642	29.11
595,557	4,145,527	19.431	0.000	0.146	8.642	28.22
595,567	4,145,527	18.532	0.000	0.152	8.642	27.32
595,577	4,145,527	17.659	0.000	0.157	8.642	26.46
595,587	4,145,527	17.134	0.000	0.162	8.642	25.94
595,597	4,145,527	16.620	0.000	0.168	8.642	25.43
595,607	4,145,527	16.106	0.000	0.173	8.642	24.92
595,617	4,145,527	15.592	0.000	0.179	8.642	24.41
595,627	4,145,527	15.093	0.000	0.184	8.642	23.92
595,517	4,145,537	22.867	0.920	0.130	8.642	32.56
595,527	4,145,537	21.967	0.000	0.135	8.642	30.74
595,537	4,145,537	21.067	0.000	0.141	8.642	29.85
595,547	4,145,537	20.168	0.000	0.146	8.642	28.96
595,557	4,145,537	19.295	0.000	0.146	8.642	28.08
595,567	4,145,537	18.395	0.000	0.152	8.642	27.19

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Trumark Homes LLC
Milpitas, CA

595,577	4,145,537	17.554	0.000	0.157	8.642	26.35
595,587	4,145,537	17.040	0.000	0.162	8.642	25.84
595,597	4,145,537	16.526	0.000	0.168	8.642	25.34
595,607	4,145,537	16.028	0.000	0.179	8.642	24.85
595,617	4,145,537	15.514	0.000	0.184	8.642	24.34
595,517	4,145,547	22.703	0.951	0.135	8.642	32.43
595,527	4,145,547	21.831	0.943	0.135	8.642	31.55
595,537	4,145,547	20.931	0.935	0.141	8.642	30.65
595,547	4,145,547	20.031	0.925	0.146	8.642	29.74
595,557	4,145,547	19.132	0.000	0.152	8.642	27.92
595,567	4,145,547	18.232	0.000	0.157	8.642	27.03
595,577	4,145,547	17.476	0.000	0.162	8.642	26.28
595,587	4,145,547	16.962	0.000	0.168	8.642	25.77
595,597	4,145,547	16.448	0.000	0.173	8.642	25.26
595,607	4,145,547	15.934	0.000	0.179	8.642	24.75
595,617	4,145,547	15.420	0.000	0.184	8.642	24.25
595,507	4,145,557	23.466	0.991	0.130	8.642	33.23
595,517	4,145,557	22.567	0.983	0.135	8.642	32.33
595,527	4,145,557	21.667	0.975	0.141	8.642	31.42
595,537	4,145,557	20.767	0.966	0.146	8.642	30.52
595,547	4,145,557	19.868	0.957	0.152	8.642	29.62
595,557	4,145,557	18.995	0.946	0.157	8.642	28.74
595,567	4,145,557	18.095	0.935	0.157	8.642	27.83
595,577	4,145,558	17.383	0.922	0.168	8.642	27.11
595,587	4,145,557	16.869	0.000	0.173	8.642	25.68
595,597	4,145,557	16.355	0.000	0.179	8.642	25.17
595,607	4,145,557	15.856	0.000	0.184	8.642	24.68
595,507	4,145,567	23.303	1.022	0.135	8.642	33.10
595,517	4,145,567	22.403	1.015	0.141	8.642	32.20
595,527	4,145,567	21.503	1.007	0.141	8.642	31.29
595,537	4,145,567	20.631	0.997	0.146	8.642	30.42
595,547	4,145,567	19.731	0.988	0.152	8.642	29.51
595,557	4,145,567	18.832	0.977	0.157	8.642	28.61
595,567	4,145,567	17.932	0.966	0.162	8.642	27.70
595,577	4,145,567	17.289	0.954	0.168	8.642	27.05
595,587	4,145,567	16.791	0.941	0.173	8.642	26.55
595,597	4,145,567	16.277	0.929	0.179	8.642	26.03
595,607	4,145,567	15.763	0.000	0.190	8.642	24.59
595,507	4,145,577	23.167	1.054	0.135	8.642	33.00
595,517	4,145,577	22.267	1.047	0.141	8.642	32.10
595,527	4,145,577	21.367	1.039	0.146	8.642	31.19
595,537	4,145,577	20.467	1.029	0.152	8.642	30.29
595,547	4,145,577	19.568	1.020	0.157	8.642	29.39
595,557	4,145,577	18.695	1.009	0.162	8.642	28.51
595,567	4,145,577	17.796	0.997	0.168	8.642	27.60
595,577	4,145,577	17.211	0.986	0.173	8.642	27.01
595,587	4,145,577	16.697	0.973	0.179	8.642	26.49
595,597	4,145,577	16.183	0.961	0.184	8.642	25.97
595,497	4,145,587	23.875	1.093	0.135	8.642	33.75
595,507	4,145,587	22.976	1.086	0.141	8.642	32.84
595,517	4,145,587	22.076	1.079	0.141	8.642	31.94
595,527	4,145,587	21.176	1.070	0.146	8.642	31.03
595,537	4,145,587	20.277	1.061	0.152	8.642	30.13
595,547	4,145,587	19.404	1.051	0.157	8.642	29.25
595,557	4,145,587	18.504	1.041	0.162	8.642	28.35
595,567	4,145,587	17.616	1.029	0.168	8.642	27.46
595,577	4,145,587	17.102	1.018	0.173	8.642	26.93
595,587	4,145,587	16.588	1.005	0.179	8.642	26.41
595,597	4,145,587	16.090	0.992	0.190	8.642	25.91
595,497	4,145,597	23.712	1.125	0.135	8.642	33.61
595,507	4,145,597	22.812	1.117	0.141	8.642	32.71
595,517	4,145,597	21.912	1.109	0.146	8.642	31.81
595,527	4,145,597	21.040	1.102	0.152	8.642	30.93
595,537	4,145,597	20.140	1.093	0.157	8.642	30.03
595,547	4,145,597	19.241	1.083	0.162	8.642	29.13
595,557	4,145,597	18.341	1.073	0.168	8.642	28.22

Table VIII
Cumulative Cancer Risk
California Circle Project Development
Trumark Homes LLC
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595,567	4,145,597	17.523	1.061	0.173	8.642	27.40
595,577	4,145,597	17.025	1.049	0.179	8.642	26.89
595,587	4,145,597	16.511	1.036	0.184	8.642	26.37
595,497	4,145,607	23.548	1.156	0.141	8.642	33.49
595,507	4,145,607	22.676	1.149	0.141	8.642	32.61
595,517	4,145,607	21.776	1.141	0.146	8.642	31.71
595,527	4,145,607	20.876	1.134	0.152	8.642	30.80
595,537	4,145,607	19.977	1.125	0.157	8.642	29.90
595,547	4,145,607	19.077	1.115	0.162	8.642	29.00
595,557	4,145,607	18.205	1.105	0.168	8.642	28.12
595,567	4,145,607	17.445	1.093	0.173	8.642	27.35
595,577	4,145,607	16.931	1.080	0.184	8.642	26.84
595,487	4,145,617	24.339	1.194	0.135	8.642	34.31
595,497	4,145,617	23.439	1.188	0.141	8.642	33.41
595,507	4,145,617	22.540	1.181	0.146	8.642	32.51
595,517	4,145,617	21.667	1.173	0.152	8.642	31.63
595,527	4,145,617	20.767	1.166	0.157	8.642	30.73
595,537	4,145,617	19.868	1.156	0.162	8.642	29.83
595,547	4,145,617	18.968	1.146	0.168	8.642	28.92
595,557	4,145,617	18.068	1.136	0.173	8.642	28.02
595,567	4,145,617	17.383	1.125	0.179	8.642	27.33
595,577	4,145,617	16.869	1.112	0.184	8.642	26.81
595,487	4,145,627	24.175	1.239	0.141	8.642	34.20
595,497	4,145,627	23.303	1.228	0.141	8.642	33.31
595,507	4,145,627	22.403	1.215	0.146	8.642	32.41
595,517	4,145,627	21.503	1.205	0.152	8.642	31.50
595,527	4,145,627	20.604	1.197	0.157	8.642	30.60
595,537	4,145,627	19.704	1.188	0.162	8.642	29.70
595,547	4,145,627	18.832	1.178	0.168	8.642	28.82
595,557	4,145,627	17.932	1.167	0.173	8.642	27.91
595,567	4,145,627	17.289	1.156	0.184	8.642	27.27
595,487	4,145,637	24.039	1.298	0.141	8.642	34.12
595,497	4,145,637	23.139	1.287	0.146	8.642	33.21
595,507	4,145,637	22.240	1.275	0.152	8.642	32.31
595,517	4,145,637	21.340	1.260	0.157	8.642	31.40
595,527	4,145,637	20.467	1.244	0.162	8.642	30.52
595,537	4,145,637	19.568	1.228	0.168	8.642	29.61
595,547	4,145,637	18.668	1.210	0.173	8.642	28.69
595,557	4,145,637	17.768	1.199	0.179	8.642	27.79
595,567	4,145,637	17.196	1.188	0.184	8.642	27.21
595,487	4,145,647	23.903	1.358	0.141	8.642	34.04
595,497	4,145,647	23.003	1.347	0.146	8.642	33.14
595,507	4,145,647	22.103	1.332	0.152	8.642	32.23
595,517	4,145,647	21.204	1.318	0.157	8.642	31.32
595,527	4,145,647	20.331	1.304	0.162	8.642	30.44
595,537	4,145,647	19.431	1.287	0.168	8.642	29.53
595,547	4,145,647	18.532	1.269	0.173	8.642	28.62
595,557	4,145,647	17.632	1.250	0.179	8.642	27.70
595,487	4,145,657	23.739	1.417	0.146	8.642	33.94
595,497	4,145,657	22.839	1.404	0.152	8.642	33.04
595,507	4,145,657	21.940	1.392	0.157	8.642	32.13
595,517	4,145,657	21.040	1.377	0.162	8.642	31.22
595,527	4,145,657	20.140	1.363	0.168	8.642	30.31
595,537	4,145,657	19.268	1.347	0.173	8.642	29.43
595,547	4,145,657	18.368	1.329	0.179	8.642	28.52
595,557	4,145,657	17.539	1.309	0.184	8.642	27.67
595,477	4,145,667	24.522	1.485	0.141	8.642	34.79
595,487	4,145,667	23.576	1.475	0.146	8.642	33.84
595,497	4,145,667	22.676	1.464	0.152	8.642	32.93
595,507	4,145,667	21.776	1.451	0.157	8.642	32.03
595,517	4,145,667	20.904	1.437	0.162	8.642	31.14
595,527	4,145,667	20.004	1.422	0.168	8.642	30.24
595,537	4,145,667	19.104	1.404	0.173	8.642	29.32
595,547	4,145,667	18.205	1.386	0.179	8.642	28.41
595,477	4,145,677	24.312	1.545	0.146	8.642	34.64
595,487	4,145,677	23.439	1.534	0.152	8.642	33.77

Table VIII
Cumulative Cancer Risk
California Circle Project Development
Trumark Homes LLC
Milpitas, CA

595,497	4,145,677	22.540	1.523	0.152	8.642	32.86
595,507	4,145,677	21.640	1.511	0.157	8.642	31.95
595,517	4,145,677	20.740	1.496	0.162	8.642	31.04
595,527	4,145,677	19.840	1.482	0.173	8.642	30.14
595,537	4,145,677	18.968	1.464	0.179	8.642	29.25
595,477	4,145,687	24.257	1.664	0.146	8.642	34.71
595,487	4,145,687	23.357	1.635	0.152	8.642	33.79
595,497	4,145,687	22.458	1.605	0.157	8.642	32.86
595,507	4,145,687	21.558	1.570	0.162	8.642	31.93
595,517	4,145,687	20.658	1.556	0.168	8.642	31.02
595,527	4,145,687	19.786	1.539	0.173	8.642	30.14
595,537	4,145,687	18.886	1.523	0.179	8.642	29.23
595,477	4,145,697	24.039	1.823	0.146	8.642	34.65
595,487	4,145,697	23.139	1.798	0.152	8.642	33.73
595,497	4,145,697	22.240	1.769	0.157	8.642	32.81
595,507	4,145,697	21.340	1.729	0.162	8.642	31.87
595,517	4,145,697	20.467	1.689	0.168	8.642	30.97
595,467	4,145,707	25.259	2.012	0.146	8.642	36.06
595,477	4,145,707	23.875	1.987	0.152	8.642	34.66
595,487	4,145,707	22.976	1.962	0.157	8.642	33.74
595,497	4,145,707	22.076	1.928	0.162	8.642	32.81
595,507	4,145,707	21.176	1.893	0.168	8.642	31.88

Table IX
Cumulative Chronic Hazard Index
California Circle Project Development
Trumark Homes LLC
Milpitas, CA

Receptor Location		Chronic Hazard Index at each Receptor				
UTMx	UTMy	I-880	Dixon Landing Rd	Railways[1]	Permitted Sources	Total
m		µg/m^3				
595,607	4,145,347	0.026	0.000	0.000	0.003	0.03
595,607	4,145,357	0.026	0.000	0.000	0.003	0.03
595,617	4,145,357	0.026	0.000	0.000	0.003	0.03
595,627	4,145,357	0.026	0.000	0.000	0.003	0.03
595,637	4,145,357	0.026	0.000	0.000	0.003	0.03
595,647	4,145,357	0.026	0.000	0.000	0.003	0.03
595,657	4,145,357	0.026	0.000	0.000	0.003	0.03
595,667	4,145,357	0.026	0.000	0.000	0.003	0.03
595,607	4,145,367	0.026	0.000	0.000	0.003	0.03
595,617	4,145,367	0.026	0.000	0.000	0.003	0.03
595,627	4,145,367	0.026	0.000	0.000	0.003	0.03
595,637	4,145,367	0.026	0.000	0.000	0.003	0.03
595,647	4,145,367	0.026	0.000	0.000	0.003	0.03
595,657	4,145,367	0.026	0.000	0.000	0.003	0.03
595,667	4,145,367	0.026	0.000	0.000	0.003	0.03
595,677	4,145,367	0.026	0.000	0.000	0.003	0.03
595,687	4,145,367	0.026	0.000	0.000	0.003	0.03
595,697	4,145,367	0.026	0.000	0.000	0.003	0.03
595,707	4,145,367	0.026	0.000	0.000	0.003	0.03
595,607	4,145,377	0.026	0.000	0.000	0.003	0.03
595,617	4,145,377	0.026	0.000	0.000	0.003	0.03
595,627	4,145,377	0.026	0.000	0.000	0.003	0.03
595,637	4,145,377	0.026	0.000	0.000	0.003	0.03
595,647	4,145,377	0.026	0.000	0.000	0.003	0.03
595,657	4,145,377	0.026	0.000	0.000	0.003	0.03
595,667	4,145,377	0.026	0.000	0.000	0.003	0.03
595,677	4,145,377	0.026	0.000	0.000	0.003	0.03
595,687	4,145,377	0.026	0.000	0.000	0.003	0.03
595,697	4,145,377	0.026	0.000	0.000	0.003	0.03
595,707	4,145,377	0.026	0.000	0.000	0.003	0.03
595,596	4,145,387	0.026	0.000	0.000	0.003	0.03
595,607	4,145,387	0.026	0.000	0.000	0.003	0.03
595,617	4,145,387	0.026	0.000	0.000	0.003	0.03
595,627	4,145,387	0.026	0.000	0.000	0.003	0.03
595,637	4,145,387	0.026	0.000	0.000	0.003	0.03
595,647	4,145,387	0.026	0.000	0.000	0.003	0.03
595,657	4,145,387	0.026	0.000	0.000	0.003	0.03
595,667	4,145,387	0.026	0.000	0.000	0.003	0.03
595,677	4,145,387	0.026	0.000	0.000	0.003	0.03
595,687	4,145,387	0.026	0.000	0.000	0.003	0.03
595,697	4,145,387	0.026	0.000	0.000	0.003	0.03
595,597	4,145,397	0.026	0.000	0.000	0.003	0.03
595,607	4,145,397	0.026	0.000	0.000	0.003	0.03
595,617	4,145,397	0.026	0.000	0.000	0.003	0.03
595,627	4,145,397	0.026	0.000	0.000	0.003	0.03
595,637	4,145,397	0.026	0.000	0.000	0.003	0.03
595,647	4,145,397	0.026	0.000	0.000	0.003	0.03
595,657	4,145,397	0.026	0.000	0.000	0.003	0.03
595,667	4,145,397	0.026	0.000	0.000	0.003	0.03
595,677	4,145,397	0.026	0.000	0.000	0.003	0.03
595,687	4,145,397	0.026	0.000	0.000	0.003	0.03
595,697	4,145,398	0.026	0.000	0.000	0.003	0.03
595,597	4,145,407	0.026	0.000	0.000	0.003	0.03
595,607	4,145,407	0.026	0.000	0.000	0.003	0.03
595,617	4,145,407	0.026	0.000	0.000	0.003	0.03
595,627	4,145,407	0.026	0.000	0.000	0.003	0.03
595,637	4,145,407	0.026	0.000	0.000	0.003	0.03
595,647	4,145,407	0.026	0.000	0.000	0.003	0.03
595,657	4,145,407	0.026	0.000	0.000	0.003	0.03
595,667	4,145,407	0.026	0.000	0.000	0.003	0.03
595,677	4,145,407	0.026	0.000	0.000	0.003	0.03
595,687	4,145,407	0.026	0.000	0.000	0.003	0.03
595,587	4,145,417	0.026	0.000	0.000	0.003	0.03

Table IX
Cumulative Chronic Hazard Index
California Circle Project Development
Trumark Homes LLC
Milpitas, CA

595,597	4,145,417	0.026	0.000	0.000	0.003	0.03
595,607	4,145,417	0.026	0.000	0.000	0.003	0.03
595,617	4,145,417	0.026	0.000	0.000	0.003	0.03
595,627	4,145,417	0.026	0.000	0.000	0.003	0.03
595,637	4,145,417	0.026	0.000	0.000	0.003	0.03
595,647	4,145,417	0.026	0.000	0.000	0.003	0.03
595,657	4,145,417	0.026	0.000	0.000	0.003	0.03
595,667	4,145,417	0.026	0.000	0.000	0.003	0.03
595,677	4,145,417	0.026	0.000	0.000	0.003	0.03
595,687	4,145,417	0.026	0.000	0.000	0.003	0.03
595,587	4,145,427	0.026	0.000	0.000	0.003	0.03
595,597	4,145,427	0.026	0.000	0.000	0.003	0.03
595,607	4,145,427	0.026	0.000	0.000	0.003	0.03
595,617	4,145,427	0.026	0.000	0.000	0.003	0.03
595,627	4,145,427	0.026	0.000	0.000	0.003	0.03
595,637	4,145,427	0.026	0.000	0.000	0.003	0.03
595,647	4,145,427	0.026	0.000	0.000	0.003	0.03
595,657	4,145,427	0.026	0.000	0.000	0.003	0.03
595,667	4,145,427	0.026	0.000	0.000	0.003	0.03
595,677	4,145,427	0.026	0.000	0.000	0.003	0.03
595,577	4,145,437	0.026	0.000	0.000	0.003	0.03
595,587	4,145,437	0.026	0.000	0.000	0.003	0.03
595,597	4,145,437	0.026	0.000	0.000	0.003	0.03
595,607	4,145,437	0.026	0.000	0.000	0.003	0.03
595,617	4,145,437	0.026	0.000	0.000	0.003	0.03
595,627	4,145,437	0.026	0.000	0.000	0.003	0.03
595,637	4,145,437	0.026	0.000	0.000	0.003	0.03
595,647	4,145,437	0.026	0.000	0.000	0.003	0.03
595,657	4,145,437	0.026	0.000	0.000	0.003	0.03
595,667	4,145,437	0.026	0.000	0.000	0.003	0.03
595,577	4,145,447	0.026	0.000	0.000	0.003	0.03
595,587	4,145,447	0.026	0.000	0.000	0.003	0.03
595,597	4,145,447	0.026	0.000	0.000	0.003	0.03
595,607	4,145,447	0.026	0.000	0.000	0.003	0.03
595,617	4,145,447	0.026	0.000	0.000	0.003	0.03
595,627	4,145,447	0.026	0.000	0.000	0.003	0.03
595,637	4,145,447	0.026	0.000	0.000	0.003	0.03
595,647	4,145,447	0.026	0.000	0.000	0.003	0.03
595,657	4,145,447	0.026	0.000	0.000	0.003	0.03
595,667	4,145,447	0.026	0.000	0.000	0.003	0.03
595,567	4,145,457	0.026	0.000	0.000	0.003	0.03
595,577	4,145,457	0.026	0.000	0.000	0.003	0.03
595,587	4,145,457	0.026	0.000	0.000	0.003	0.03
595,597	4,145,457	0.026	0.000	0.000	0.003	0.03
595,607	4,145,457	0.026	0.000	0.000	0.003	0.03
595,617	4,145,457	0.026	0.000	0.000	0.003	0.03
595,627	4,145,457	0.026	0.000	0.000	0.003	0.03
595,637	4,145,457	0.026	0.000	0.000	0.003	0.03
595,647	4,145,457	0.026	0.000	0.000	0.003	0.03
595,657	4,145,457	0.026	0.000	0.000	0.003	0.03
595,557	4,145,467	0.026	0.000	0.000	0.003	0.03
595,567	4,145,467	0.026	0.000	0.000	0.003	0.03
595,577	4,145,467	0.026	0.000	0.000	0.003	0.03
595,587	4,145,467	0.026	0.000	0.000	0.003	0.03
595,597	4,145,467	0.026	0.000	0.000	0.003	0.03
595,607	4,145,467	0.026	0.000	0.000	0.003	0.03
595,617	4,145,467	0.026	0.000	0.000	0.003	0.03
595,627	4,145,467	0.026	0.000	0.000	0.003	0.03
595,637	4,145,467	0.026	0.000	0.000	0.003	0.03
595,647	4,145,467	0.026	0.000	0.000	0.003	0.03
595,657	4,145,467	0.026	0.000	0.000	0.003	0.03
595,557	4,145,477	0.026	0.000	0.000	0.003	0.03
595,567	4,145,477	0.026	0.000	0.000	0.003	0.03
595,577	4,145,477	0.026	0.000	0.000	0.003	0.03
595,587	4,145,477	0.026	0.000	0.000	0.003	0.03
595,597	4,145,477	0.026	0.000	0.000	0.003	0.03

Table IX
Cumulative Chronic Hazard Index
California Circle Project Development
Trumark Homes LLC
Milpitas, CA

595,607	4,145,477	0.026	0.000	0.000	0.003	0.03
595,617	4,145,477	0.026	0.000	0.000	0.003	0.03
595,627	4,145,477	0.026	0.000	0.000	0.003	0.03
595,637	4,145,477	0.026	0.000	0.000	0.003	0.03
595,647	4,145,477	0.026	0.000	0.000	0.003	0.03
595,547	4,145,487	0.026	0.000	0.000	0.003	0.03
595,557	4,145,487	0.026	0.000	0.000	0.003	0.03
595,567	4,145,487	0.026	0.000	0.000	0.003	0.03
595,577	4,145,487	0.026	0.000	0.000	0.003	0.03
595,587	4,145,487	0.026	0.000	0.000	0.003	0.03
595,597	4,145,487	0.026	0.000	0.000	0.003	0.03
595,607	4,145,487	0.026	0.000	0.000	0.003	0.03
595,617	4,145,487	0.026	0.000	0.000	0.003	0.03
595,627	4,145,487	0.026	0.000	0.000	0.003	0.03
595,637	4,145,487	0.026	0.000	0.000	0.003	0.03
595,647	4,145,487	0.026	0.000	0.000	0.003	0.03
595,547	4,145,497	0.026	0.000	0.000	0.003	0.03
595,557	4,145,497	0.026	0.000	0.000	0.003	0.03
595,567	4,145,497	0.026	0.000	0.000	0.003	0.03
595,577	4,145,497	0.026	0.000	0.000	0.003	0.03
595,587	4,145,497	0.026	0.000	0.000	0.003	0.03
595,597	4,145,497	0.026	0.000	0.000	0.003	0.03
595,607	4,145,497	0.026	0.000	0.000	0.003	0.03
595,617	4,145,497	0.026	0.000	0.000	0.003	0.03
595,627	4,145,497	0.026	0.000	0.000	0.003	0.03
595,637	4,145,497	0.026	0.000	0.000	0.003	0.03
595,647	4,145,497	0.026	0.000	0.000	0.003	0.03
595,537	4,145,507	0.026	0.000	0.000	0.003	0.03
595,547	4,145,507	0.026	0.000	0.000	0.003	0.03
595,557	4,145,507	0.026	0.000	0.000	0.003	0.03
595,567	4,145,507	0.026	0.000	0.000	0.003	0.03
595,577	4,145,507	0.026	0.000	0.000	0.003	0.03
595,587	4,145,507	0.026	0.000	0.000	0.003	0.03
595,597	4,145,507	0.026	0.000	0.000	0.003	0.03
595,607	4,145,507	0.026	0.000	0.000	0.003	0.03
595,617	4,145,507	0.026	0.000	0.000	0.003	0.03
595,627	4,145,507	0.026	0.000	0.000	0.003	0.03
595,637	4,145,507	0.026	0.000	0.000	0.003	0.03
595,527	4,145,517	0.026	0.000	0.000	0.003	0.03
595,537	4,145,517	0.026	0.000	0.000	0.003	0.03
595,547	4,145,517	0.026	0.000	0.000	0.003	0.03
595,557	4,145,517	0.026	0.000	0.000	0.003	0.03
595,567	4,145,517	0.026	0.000	0.000	0.003	0.03
595,577	4,145,517	0.026	0.000	0.000	0.003	0.03
595,587	4,145,517	0.026	0.000	0.000	0.003	0.03
595,597	4,145,517	0.026	0.000	0.000	0.003	0.03
595,607	4,145,517	0.026	0.000	0.000	0.003	0.03
595,617	4,145,517	0.026	0.000	0.000	0.003	0.03
595,627	4,145,517	0.026	0.000	0.000	0.003	0.03
595,527	4,145,527	0.026	0.000	0.000	0.003	0.03
595,537	4,145,527	0.026	0.000	0.000	0.003	0.03
595,547	4,145,527	0.026	0.000	0.000	0.003	0.03
595,557	4,145,527	0.026	0.000	0.000	0.003	0.03
595,567	4,145,527	0.026	0.000	0.000	0.003	0.03
595,577	4,145,527	0.026	0.000	0.000	0.003	0.03
595,587	4,145,527	0.026	0.000	0.000	0.003	0.03
595,597	4,145,527	0.026	0.000	0.000	0.003	0.03
595,607	4,145,527	0.026	0.000	0.000	0.003	0.03
595,617	4,145,527	0.026	0.000	0.000	0.003	0.03
595,627	4,145,527	0.026	0.000	0.000	0.003	0.03
595,517	4,145,537	0.026	0.000	0.000	0.003	0.03
595,527	4,145,537	0.026	0.000	0.000	0.003	0.03
595,537	4,145,537	0.026	0.000	0.000	0.003	0.03
595,547	4,145,537	0.026	0.000	0.000	0.003	0.03
595,557	4,145,537	0.026	0.000	0.000	0.003	0.03
595,567	4,145,537	0.026	0.000	0.000	0.003	0.03

Table IX
Cumulative Chronic Hazard Index
California Circle Project Development
Trumark Homes LLC
Milpitas, CA

595,577	4,145,537	0.026	0.000	0.000	0.003	0.03
595,587	4,145,537	0.026	0.000	0.000	0.003	0.03
595,597	4,145,537	0.026	0.000	0.000	0.003	0.03
595,607	4,145,537	0.026	0.000	0.000	0.003	0.03
595,617	4,145,537	0.026	0.000	0.000	0.003	0.03
595,517	4,145,547	0.026	0.000	0.000	0.003	0.03
595,527	4,145,547	0.026	0.000	0.000	0.003	0.03
595,537	4,145,547	0.026	0.000	0.000	0.003	0.03
595,547	4,145,547	0.026	0.000	0.000	0.003	0.03
595,557	4,145,547	0.026	0.000	0.000	0.003	0.03
595,567	4,145,547	0.026	0.000	0.000	0.003	0.03
595,577	4,145,547	0.026	0.000	0.000	0.003	0.03
595,587	4,145,547	0.026	0.000	0.000	0.003	0.03
595,597	4,145,547	0.026	0.000	0.000	0.003	0.03
595,607	4,145,547	0.026	0.000	0.000	0.003	0.03
595,617	4,145,547	0.026	0.000	0.000	0.003	0.03
595,507	4,145,557	0.026	0.000	0.000	0.003	0.03
595,517	4,145,557	0.026	0.000	0.000	0.003	0.03
595,527	4,145,557	0.026	0.000	0.000	0.003	0.03
595,537	4,145,557	0.026	0.000	0.000	0.003	0.03
595,547	4,145,557	0.026	0.000	0.000	0.003	0.03
595,557	4,145,557	0.026	0.000	0.000	0.003	0.03
595,567	4,145,557	0.026	0.000	0.000	0.003	0.03
595,577	4,145,558	0.026	0.000	0.000	0.003	0.03
595,587	4,145,557	0.026	0.000	0.000	0.003	0.03
595,597	4,145,557	0.026	0.000	0.000	0.003	0.03
595,607	4,145,557	0.026	0.000	0.000	0.003	0.03
595,507	4,145,567	0.026	0.000	0.000	0.003	0.03
595,517	4,145,567	0.026	0.000	0.000	0.003	0.03
595,527	4,145,567	0.026	0.000	0.000	0.003	0.03
595,537	4,145,567	0.026	0.000	0.000	0.003	0.03
595,547	4,145,567	0.026	0.000	0.000	0.003	0.03
595,557	4,145,567	0.026	0.000	0.000	0.003	0.03
595,567	4,145,567	0.026	0.000	0.000	0.003	0.03
595,577	4,145,567	0.026	0.000	0.000	0.003	0.03
595,587	4,145,567	0.026	0.000	0.000	0.003	0.03
595,597	4,145,567	0.026	0.000	0.000	0.003	0.03
595,607	4,145,567	0.026	0.000	0.000	0.003	0.03
595,507	4,145,577	0.026	0.000	0.000	0.003	0.03
595,517	4,145,577	0.026	0.000	0.000	0.003	0.03
595,527	4,145,577	0.026	0.000	0.000	0.003	0.03
595,537	4,145,577	0.026	0.000	0.000	0.003	0.03
595,547	4,145,577	0.026	0.000	0.000	0.003	0.03
595,557	4,145,577	0.026	0.000	0.000	0.003	0.03
595,567	4,145,577	0.026	0.000	0.000	0.003	0.03
595,577	4,145,577	0.026	0.000	0.000	0.003	0.03
595,587	4,145,577	0.026	0.000	0.000	0.003	0.03
595,597	4,145,577	0.026	0.000	0.000	0.003	0.03
595,497	4,145,587	0.026	0.000	0.000	0.003	0.03
595,507	4,145,587	0.026	0.000	0.000	0.003	0.03
595,517	4,145,587	0.026	0.000	0.000	0.003	0.03
595,527	4,145,587	0.026	0.000	0.000	0.003	0.03
595,537	4,145,587	0.026	0.000	0.000	0.003	0.03
595,547	4,145,587	0.026	0.000	0.000	0.003	0.03
595,557	4,145,587	0.026	0.000	0.000	0.003	0.03
595,567	4,145,587	0.026	0.000	0.000	0.003	0.03
595,577	4,145,587	0.026	0.000	0.000	0.003	0.03
595,587	4,145,587	0.026	0.000	0.000	0.003	0.03
595,597	4,145,587	0.026	0.000	0.000	0.003	0.03
595,497	4,145,597	0.026	0.000	0.000	0.003	0.03
595,507	4,145,597	0.026	0.000	0.000	0.003	0.03
595,517	4,145,597	0.026	0.000	0.000	0.003	0.03
595,527	4,145,597	0.026	0.000	0.000	0.003	0.03
595,537	4,145,597	0.026	0.000	0.000	0.003	0.03
595,547	4,145,597	0.026	0.000	0.000	0.003	0.03
595,557	4,145,597	0.026	0.000	0.000	0.003	0.03

Table IX
Cumulative Chronic Hazard Index
California Circle Project Development
Trumark Homes LLC
Milpitas, CA

595,567	4,145,597	0.026	0.000	0.000	0.003	0.03
595,577	4,145,597	0.026	0.000	0.000	0.003	0.03
595,587	4,145,597	0.026	0.000	0.000	0.003	0.03
595,497	4,145,607	0.026	0.000	0.000	0.003	0.03
595,507	4,145,607	0.026	0.000	0.000	0.003	0.03
595,517	4,145,607	0.026	0.000	0.000	0.003	0.03
595,527	4,145,607	0.026	0.000	0.000	0.003	0.03
595,537	4,145,607	0.026	0.000	0.000	0.003	0.03
595,547	4,145,607	0.026	0.000	0.000	0.003	0.03
595,557	4,145,607	0.026	0.000	0.000	0.003	0.03
595,567	4,145,607	0.026	0.000	0.000	0.003	0.03
595,577	4,145,607	0.026	0.000	0.000	0.003	0.03
595,487	4,145,617	0.026	0.000	0.000	0.003	0.03
595,497	4,145,617	0.026	0.000	0.000	0.003	0.03
595,507	4,145,617	0.026	0.000	0.000	0.003	0.03
595,517	4,145,617	0.026	0.000	0.000	0.003	0.03
595,527	4,145,617	0.026	0.000	0.000	0.003	0.03
595,537	4,145,617	0.026	0.000	0.000	0.003	0.03
595,547	4,145,617	0.026	0.000	0.000	0.003	0.03
595,557	4,145,617	0.026	0.000	0.000	0.003	0.03
595,567	4,145,617	0.026	0.000	0.000	0.003	0.03
595,577	4,145,617	0.026	0.000	0.000	0.003	0.03
595,487	4,145,627	0.026	0.000	0.000	0.003	0.03
595,497	4,145,627	0.026	0.000	0.000	0.003	0.03
595,507	4,145,627	0.026	0.000	0.000	0.003	0.03
595,517	4,145,627	0.026	0.000	0.000	0.003	0.03
595,527	4,145,627	0.026	0.000	0.000	0.003	0.03
595,537	4,145,627	0.026	0.000	0.000	0.003	0.03
595,547	4,145,627	0.026	0.000	0.000	0.003	0.03
595,557	4,145,627	0.026	0.000	0.000	0.003	0.03
595,567	4,145,627	0.026	0.000	0.000	0.003	0.03
595,487	4,145,637	0.026	0.000	0.000	0.003	0.03
595,497	4,145,637	0.026	0.000	0.000	0.003	0.03
595,507	4,145,637	0.026	0.000	0.000	0.003	0.03
595,517	4,145,637	0.026	0.000	0.000	0.003	0.03
595,527	4,145,637	0.026	0.000	0.000	0.003	0.03
595,537	4,145,637	0.026	0.000	0.000	0.003	0.03
595,547	4,145,637	0.026	0.000	0.000	0.003	0.03
595,557	4,145,637	0.026	0.000	0.000	0.003	0.03
595,567	4,145,637	0.026	0.000	0.000	0.003	0.03
595,487	4,145,647	0.026	0.000	0.000	0.003	0.03
595,497	4,145,647	0.026	0.000	0.000	0.003	0.03
595,507	4,145,647	0.026	0.000	0.000	0.003	0.03
595,517	4,145,647	0.026	0.000	0.000	0.003	0.03
595,527	4,145,647	0.026	0.000	0.000	0.003	0.03
595,537	4,145,647	0.026	0.000	0.000	0.003	0.03
595,547	4,145,647	0.026	0.000	0.000	0.003	0.03
595,557	4,145,647	0.026	0.000	0.000	0.003	0.03
595,487	4,145,657	0.026	0.000	0.000	0.003	0.03
595,497	4,145,657	0.026	0.000	0.000	0.003	0.03
595,507	4,145,657	0.026	0.000	0.000	0.003	0.03
595,517	4,145,657	0.026	0.000	0.000	0.003	0.03
595,527	4,145,657	0.026	0.000	0.000	0.003	0.03
595,537	4,145,657	0.026	0.000	0.000	0.003	0.03
595,547	4,145,657	0.026	0.000	0.000	0.003	0.03
595,557	4,145,657	0.026	0.000	0.000	0.003	0.03
595,477	4,145,667	0.026	0.000	0.000	0.003	0.03
595,487	4,145,667	0.026	0.000	0.000	0.003	0.03
595,497	4,145,667	0.026	0.000	0.000	0.003	0.03
595,507	4,145,667	0.026	0.000	0.000	0.003	0.03
595,517	4,145,667	0.026	0.000	0.000	0.003	0.03
595,527	4,145,667	0.026	0.000	0.000	0.003	0.03
595,537	4,145,667	0.026	0.000	0.000	0.003	0.03
595,547	4,145,667	0.026	0.000	0.000	0.003	0.03
595,477	4,145,677	0.026	0.000	0.000	0.003	0.03
595,487	4,145,677	0.026	0.000	0.000	0.003	0.03

Table IX
Cumulative Chronic Hazard Index
California Circle Project Development
Trumark Homes LLC
Milpitas, CA

595,497	4,145,677	0.026	0.000	0.000	0.003	0.03
595,507	4,145,677	0.026	0.000	0.000	0.003	0.03
595,517	4,145,677	0.026	0.000	0.000	0.003	0.03
595,527	4,145,677	0.026	0.000	0.000	0.003	0.03
595,537	4,145,677	0.026	0.000	0.000	0.003	0.03
595,477	4,145,687	0.026	0.000	0.000	0.003	0.03
595,487	4,145,687	0.026	0.000	0.000	0.003	0.03
595,497	4,145,687	0.026	0.000	0.000	0.003	0.03
595,507	4,145,687	0.026	0.000	0.000	0.003	0.03
595,517	4,145,687	0.026	0.000	0.000	0.003	0.03
595,527	4,145,687	0.026	0.000	0.000	0.003	0.03
595,537	4,145,687	0.026	0.000	0.000	0.003	0.03
595,477	4,145,697	0.026	0.000	0.000	0.003	0.03
595,487	4,145,697	0.026	0.000	0.000	0.003	0.03
595,497	4,145,697	0.026	0.000	0.000	0.003	0.03
595,507	4,145,697	0.026	0.000	0.000	0.003	0.03
595,517	4,145,697	0.026	0.000	0.000	0.003	0.03
595,467	4,145,707	0.026	0.000	0.000	0.003	0.03
595,477	4,145,707	0.026	0.000	0.000	0.003	0.03
595,487	4,145,707	0.026	0.000	0.000	0.003	0.03
595,497	4,145,707	0.026	0.000	0.000	0.003	0.03
595,507	4,145,707	0.026	0.000	0.000	0.003	0.03

[1]Given the distance and resulting minimal impact, the non-cancer impact has not been estimated.

Table X
Cumulative $PM_{2.5}$ Concentrations
California Circle Project Development
Trumark Homes LLC
Milpitas, CA

Receptor Location		$PM_{2.5}$ Concentration at each Receptor				
UTMx	UTMy	I-880	Dixon Landing Rd	Railways	Permitted Sources	Total
m		$\mu g/m^3$				
595,607	4,145,347	0.150	0.000	0.000	0.018	0.17
595,607	4,145,357	0.150	0.000	0.000	0.018	0.17
595,617	4,145,357	0.145	0.000	0.000	0.018	0.16
595,627	4,145,357	0.141	0.000	0.000	0.018	0.16
595,637	4,145,357	0.137	0.000	0.000	0.018	0.15
595,647	4,145,357	0.132	0.000	0.000	0.018	0.15
595,657	4,145,357	0.128	0.000	0.000	0.018	0.15
595,667	4,145,357	0.124	0.000	0.000	0.018	0.14
595,607	4,145,367	0.149	0.000	0.000	0.018	0.17
595,617	4,145,367	0.144	0.000	0.000	0.018	0.16
595,627	4,145,367	0.140	0.000	0.000	0.018	0.16
595,637	4,145,367	0.136	0.000	0.000	0.018	0.15
595,647	4,145,367	0.132	0.000	0.000	0.018	0.15
595,657	4,145,367	0.127	0.000	0.000	0.018	0.15
595,667	4,145,367	0.123	0.000	0.000	0.018	0.14
595,677	4,145,367	0.119	0.000	0.000	0.018	0.14
595,687	4,145,367	0.000	0.000	0.000	0.018	0.02
595,697	4,145,367	0.000	0.000	0.000	0.018	0.02
595,707	4,145,367	0.000	0.000	0.000	0.018	0.02
595,607	4,145,377	0.148	0.000	0.000	0.018	0.17
595,617	4,145,377	0.148	0.000	0.000	0.018	0.17
595,627	4,145,377	0.147	0.000	0.000	0.018	0.17
595,637	4,145,377	0.147	0.000	0.000	0.018	0.16
595,647	4,145,377	0.146	0.000	0.000	0.018	0.16
595,657	4,145,377	0.146	0.000	0.000	0.018	0.16
595,667	4,145,377	0.146	0.000	0.000	0.018	0.16
595,677	4,145,377	0.145	0.000	0.000	0.018	0.16
595,687	4,145,377	0.145	0.000	0.000	0.018	0.16
595,697	4,145,377	0.144	0.000	0.000	0.018	0.16
595,707	4,145,377	0.144	0.000	0.000	0.018	0.16
595,596	4,145,387	0.153	0.000	0.000	0.018	0.17
595,607	4,145,387	0.147	0.000	0.000	0.018	0.17
595,617	4,145,387	0.143	0.000	0.000	0.018	0.16
595,627	4,145,387	0.139	0.000	0.000	0.018	0.16
595,637	4,145,387	0.134	0.000	0.000	0.018	0.15
595,647	4,145,387	0.130	0.000	0.000	0.018	0.15
595,657	4,145,387	0.126	0.000	0.000	0.018	0.14
595,667	4,145,387	0.121	0.000	0.000	0.018	0.14
595,677	4,145,387	0.117	0.000	0.000	0.018	0.13
595,687	4,145,387	0.000	0.000	0.000	0.018	0.02
595,697	4,145,387	0.000	0.000	0.000	0.018	0.02
595,597	4,145,397	0.152	0.000	0.000	0.018	0.17
595,607	4,145,397	0.147	0.000	0.000	0.018	0.16
595,617	4,145,397	0.142	0.000	0.000	0.018	0.16
595,627	4,145,397	0.138	0.000	0.000	0.018	0.16
595,637	4,145,397	0.134	0.000	0.000	0.018	0.15
595,647	4,145,397	0.129	0.000	0.000	0.018	0.15
595,657	4,145,397	0.125	0.000	0.000	0.018	0.14
595,667	4,145,397	0.121	0.000	0.000	0.018	0.14
595,677	4,145,397	0.000	0.000	0.000	0.018	0.02
595,687	4,145,397	0.000	0.000	0.000	0.018	0.02
595,697	4,145,398	0.000	0.000	0.000	0.018	0.02
595,597	4,145,407	0.150	0.000	0.000	0.018	0.17
595,607	4,145,407	0.146	0.000	0.000	0.018	0.16
595,617	4,145,407	0.142	0.000	0.000	0.018	0.16
595,627	4,145,407	0.137	0.000	0.000	0.018	0.16
595,637	4,145,407	0.133	0.000	0.000	0.018	0.15
595,647	4,145,407	0.129	0.000	0.000	0.018	0.15
595,657	4,145,407	0.124	0.000	0.000	0.018	0.14
595,667	4,145,407	0.120	0.000	0.000	0.018	0.14
595,677	4,145,407	0.000	0.000	0.000	0.018	0.02
595,687	4,145,407	0.000	0.000	0.000	0.018	0.02
595,587	4,145,417	0.157	0.000	0.000	0.018	0.17

Table X
Cumulative $PM_{2.5}$ Concentrations
California Circle Project Development
Trumark Homes LLC
Milpitas, CA

595,597	4,145,417	0.149	0.000	0.000	0.018	0.17
595,607	4,145,417	0.145	0.000	0.000	0.018	0.16
595,617	4,145,417	0.141	0.000	0.000	0.018	0.16
595,627	4,145,417	0.137	0.000	0.000	0.018	0.15
595,637	4,145,417	0.132	0.000	0.000	0.018	0.15
595,647	4,145,417	0.128	0.000	0.000	0.018	0.15
595,657	4,145,417	0.123	0.000	0.000	0.018	0.14
595,667	4,145,417	0.119	0.000	0.000	0.018	0.14
595,677	4,145,417	0.000	0.000	0.000	0.018	0.02
595,687	4,145,417	0.000	0.000	0.000	0.018	0.02
595,587	4,145,427	0.155	0.000	0.000	0.018	0.17
595,597	4,145,427	0.149	0.000	0.000	0.018	0.17
595,607	4,145,427	0.144	0.000	0.000	0.018	0.16
595,617	4,145,427	0.140	0.000	0.000	0.018	0.16
595,627	4,145,427	0.136	0.000	0.000	0.018	0.15
595,637	4,145,427	0.131	0.000	0.000	0.018	0.15
595,647	4,145,427	0.127	0.000	0.000	0.018	0.15
595,657	4,145,427	0.123	0.000	0.000	0.018	0.14
595,667	4,145,427	0.118	0.000	0.000	0.018	0.14
595,677	4,145,427	0.000	0.000	0.000	0.018	0.02
595,577	4,145,437	0.162	0.000	0.000	0.018	0.18
595,587	4,145,437	0.154	0.000	0.000	0.018	0.17
595,597	4,145,437	0.148	0.000	0.000	0.018	0.17
595,607	4,145,437	0.144	0.000	0.000	0.018	0.16
595,617	4,145,437	0.139	0.000	0.000	0.018	0.16
595,627	4,145,437	0.135	0.000	0.000	0.018	0.15
595,637	4,145,437	0.131	0.000	0.000	0.018	0.15
595,647	4,145,437	0.126	0.000	0.000	0.018	0.14
595,657	4,145,437	0.122	0.000	0.000	0.018	0.14
595,667	4,145,437	0.118	0.000	0.000	0.018	0.14
595,577	4,145,447	0.160	0.000	0.000	0.018	0.18
595,587	4,145,447	0.153	0.000	0.000	0.018	0.17
595,597	4,145,447	0.147	0.000	0.000	0.018	0.17
595,607	4,145,447	0.143	0.000	0.000	0.018	0.16
595,617	4,145,447	0.139	0.000	0.000	0.018	0.16
595,627	4,145,447	0.134	0.000	0.000	0.018	0.15
595,637	4,145,447	0.130	0.000	0.000	0.018	0.15
595,647	4,145,447	0.126	0.000	0.000	0.018	0.14
595,657	4,145,447	0.121	0.000	0.000	0.018	0.14
595,667	4,145,447	0.117	0.000	0.000	0.018	0.13
595,567	4,145,457	0.166	0.000	0.000	0.018	0.18
595,577	4,145,457	0.159	0.000	0.000	0.018	0.18
595,587	4,145,457	0.152	0.000	0.000	0.018	0.17
595,597	4,145,457	0.147	0.000	0.000	0.018	0.16
595,607	4,145,457	0.142	0.000	0.000	0.018	0.16
595,617	4,145,457	0.138	0.000	0.000	0.018	0.16
595,627	4,145,457	0.134	0.000	0.000	0.018	0.15
595,637	4,145,457	0.129	0.000	0.000	0.018	0.15
595,647	4,145,457	0.125	0.000	0.000	0.018	0.14
595,657	4,145,457	0.121	0.000	0.000	0.018	0.14
595,557	4,145,467	0.173	0.000	0.000	0.018	0.19
595,567	4,145,467	0.165	0.000	0.000	0.018	0.18
595,577	4,145,467	0.158	0.000	0.000	0.018	0.18
595,587	4,145,467	0.150	0.000	0.000	0.018	0.17
595,597	4,145,467	0.146	0.000	0.000	0.018	0.16
595,607	4,145,467	0.142	0.000	0.000	0.018	0.16
595,617	4,145,467	0.137	0.000	0.000	0.018	0.16
595,627	4,145,467	0.133	0.000	0.000	0.018	0.15
595,637	4,145,467	0.128	0.000	0.000	0.018	0.15
595,647	4,145,467	0.124	0.000	0.000	0.018	0.14
595,657	4,145,467	0.120	0.000	0.000	0.018	0.14
595,557	4,145,477	0.171	0.000	0.000	0.018	0.19
595,567	4,145,477	0.164	0.000	0.000	0.018	0.18
595,577	4,145,477	0.156	0.000	0.000	0.018	0.17
595,587	4,145,477	0.149	0.000	0.000	0.018	0.17
595,597	4,145,477	0.145	0.000	0.000	0.018	0.16

Table X
Cumulative $PM_{2.5}$ Concentrations
California Circle Project Development
Trumark Homes LLC
Milpitas, CA

595,607	4,145,477	0.141	0.000	0.000	0.018	0.16
595,617	4,145,477	0.136	0.000	0.000	0.018	0.15
595,627	4,145,477	0.132	0.000	0.000	0.018	0.15
595,637	4,145,477	0.128	0.000	0.000	0.018	0.15
595,647	4,145,477	0.123	0.000	0.000	0.018	0.14
595,547	4,145,487	0.119	0.000	0.000	0.018	0.14
595,557	4,145,487	0.170	0.000	0.000	0.018	0.19
595,567	4,145,487	0.163	0.000	0.000	0.018	0.18
595,577	4,145,487	0.155	0.000	0.000	0.018	0.17
595,587	4,145,487	0.149	0.000	0.000	0.018	0.17
595,597	4,145,487	0.144	0.000	0.000	0.018	0.16
595,607	4,145,487	0.140	0.000	0.000	0.018	0.16
595,617	4,145,487	0.136	0.000	0.000	0.018	0.15
595,627	4,145,487	0.131	0.000	0.000	0.018	0.15
595,637	4,145,487	0.127	0.000	0.000	0.018	0.15
595,647	4,145,487	0.123	0.000	0.000	0.018	0.14
595,547	4,145,497	0.176	0.000	0.000	0.018	0.19
595,557	4,145,497	0.169	0.000	0.000	0.018	0.19
595,567	4,145,497	0.161	0.000	0.000	0.018	0.18
595,577	4,145,497	0.154	0.000	0.000	0.018	0.17
595,587	4,145,497	0.148	0.000	0.000	0.018	0.17
595,597	4,145,497	0.144	0.000	0.000	0.018	0.16
595,607	4,145,497	0.139	0.000	0.000	0.018	0.16
595,617	4,145,497	0.135	0.000	0.000	0.018	0.15
595,627	4,145,497	0.131	0.000	0.000	0.018	0.15
595,637	4,145,497	0.126	0.000	0.000	0.018	0.14
595,647	4,145,497	0.122	0.000	0.000	0.018	0.14
595,537	4,145,507	0.183	0.000	0.000	0.018	0.20
595,547	4,145,507	0.175	0.000	0.000	0.018	0.19
595,557	4,145,507	0.168	0.000	0.000	0.018	0.19
595,567	4,145,507	0.160	0.000	0.000	0.018	0.18
595,577	4,145,507	0.153	0.000	0.000	0.018	0.17
595,587	4,145,507	0.147	0.000	0.000	0.018	0.17
595,597	4,145,507	0.143	0.000	0.000	0.018	0.16
595,607	4,145,507	0.139	0.000	0.000	0.018	0.16
595,617	4,145,507	0.134	0.000	0.000	0.018	0.15
595,627	4,145,507	0.130	0.000	0.000	0.018	0.15
595,637	4,145,507	0.126	0.000	0.000	0.018	0.14
595,527	4,145,517	0.189	0.000	0.000	0.018	0.21
595,537	4,145,517	0.181	0.000	0.000	0.018	0.20
595,547	4,145,517	0.174	0.000	0.000	0.018	0.19
595,557	4,145,517	0.166	0.000	0.000	0.018	0.18
595,567	4,145,517	0.159	0.000	0.000	0.018	0.18
595,577	4,145,517	0.151	0.000	0.000	0.018	0.17
595,587	4,145,517	0.146	0.000	0.000	0.018	0.16
595,597	4,145,517	0.142	0.000	0.000	0.018	0.16
595,607	4,145,517	0.138	0.000	0.000	0.018	0.16
595,617	4,145,517	0.134	0.000	0.000	0.018	0.15
595,627	4,145,517	0.129	0.000	0.000	0.018	0.15
595,527	4,145,527	0.188	0.000	0.000	0.018	0.21
595,537	4,145,527	0.180	0.000	0.000	0.018	0.20
595,547	4,145,527	0.173	0.000	0.000	0.018	0.19
595,557	4,145,527	0.165	0.000	0.000	0.018	0.18
595,567	4,145,527	0.158	0.000	0.000	0.018	0.18
595,577	4,145,527	0.150	0.000	0.000	0.018	0.17
595,587	4,145,527	0.146	0.000	0.000	0.018	0.16
595,597	4,145,527	0.141	0.000	0.000	0.018	0.16
595,607	4,145,527	0.137	0.000	0.000	0.018	0.16
595,617	4,145,527	0.133	0.000	0.000	0.018	0.15
595,627	4,145,527	0.128	0.000	0.000	0.018	0.15
595,517	4,145,537	0.194	0.030	0.000	0.018	0.24
595,527	4,145,537	0.186	0.000	0.000	0.018	0.20
595,537	4,145,537	0.179	0.000	0.000	0.018	0.20
595,547	4,145,537	0.171	0.000	0.000	0.018	0.19
595,557	4,145,537	0.164	0.000	0.000	0.018	0.18
595,567	4,145,537	0.156	0.000	0.000	0.018	0.17

Table X
Cumulative $PM_{2.5}$ Concentrations
California Circle Project Development
Trumark Homes LLC
Milpitas, CA

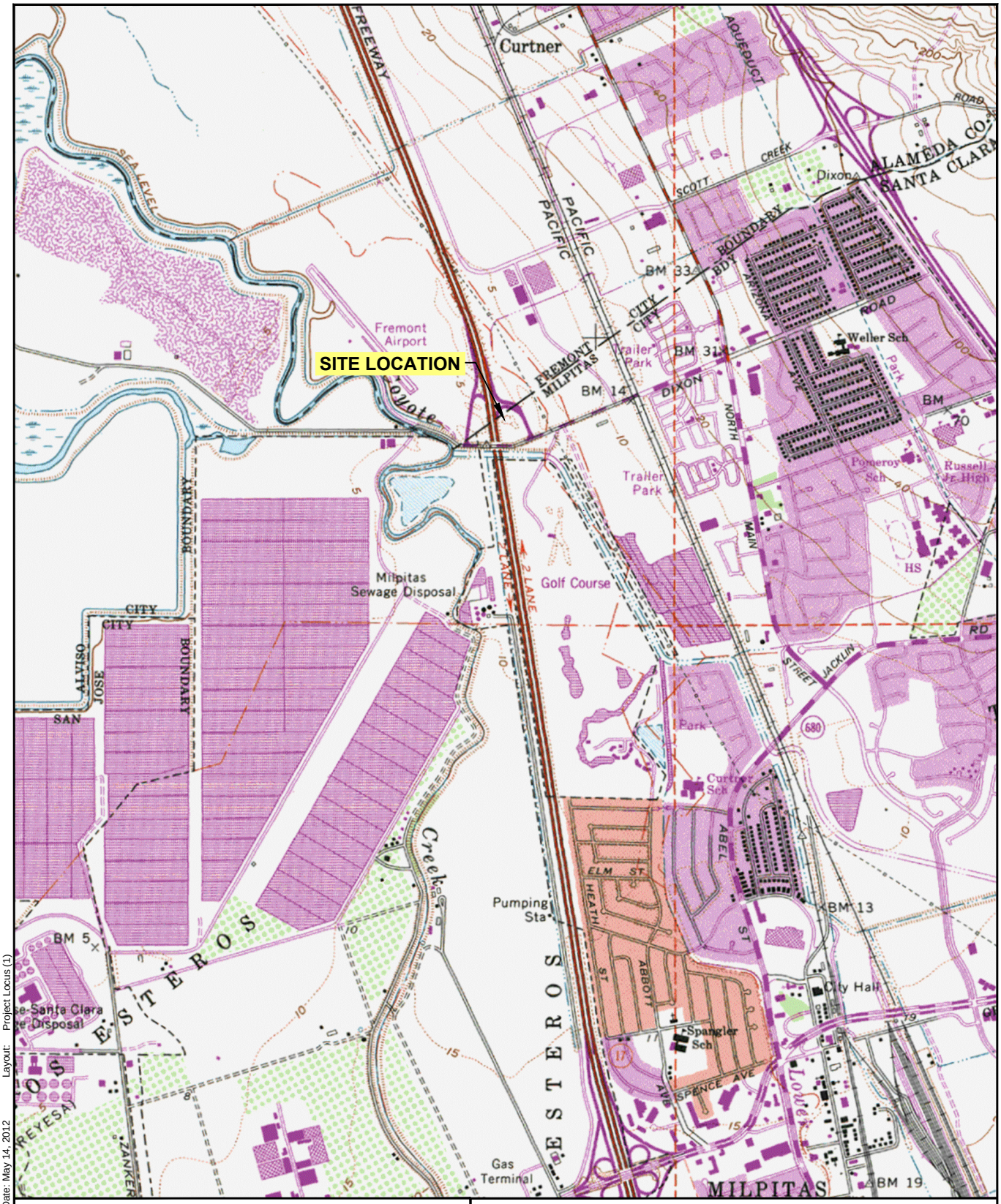
595,577	4,145,537	0.149	0.000	0.000	0.018	0.17
595,587	4,145,537	0.145	0.000	0.000	0.018	0.16
595,597	4,145,537	0.141	0.000	0.000	0.018	0.16
595,607	4,145,537	0.136	0.000	0.000	0.018	0.15
595,617	4,145,537	0.132	0.000	0.000	0.018	0.15
595,517	4,145,547	0.192	0.031	0.000	0.018	0.24
595,527	4,145,547	0.185	0.031	0.000	0.018	0.23
595,537	4,145,547	0.178	0.031	0.000	0.018	0.23
595,547	4,145,547	0.170	0.030	0.000	0.018	0.22
595,557	4,145,547	0.163	0.000	0.000	0.018	0.18
595,567	4,145,547	0.155	0.000	0.000	0.018	0.17
595,577	4,145,547	0.149	0.000	0.000	0.018	0.17
595,587	4,145,547	0.144	0.000	0.000	0.018	0.16
595,597	4,145,547	0.140	0.000	0.000	0.018	0.16
595,607	4,145,547	0.136	0.000	0.000	0.018	0.15
595,617	4,145,547	0.131	0.000	0.000	0.018	0.15
595,507	4,145,557	0.199	0.033	0.000	0.018	0.25
595,517	4,145,557	0.191	0.033	0.000	0.018	0.24
595,527	4,145,557	0.184	0.032	0.000	0.018	0.23
595,537	4,145,557	0.176	0.032	0.000	0.018	0.23
595,547	4,145,557	0.169	0.032	0.000	0.018	0.22
595,557	4,145,557	0.161	0.031	0.000	0.018	0.21
595,567	4,145,557	0.154	0.031	0.000	0.018	0.20
595,577	4,145,558	0.148	0.030	0.000	0.018	0.20
595,587	4,145,557	0.144	0.000	0.000	0.018	0.16
595,597	4,145,557	0.139	0.000	0.000	0.018	0.16
595,607	4,145,557	0.135	0.000	0.000	0.018	0.15
595,507	4,145,567	0.197	0.034	0.000	0.018	0.25
595,517	4,145,567	0.190	0.034	0.000	0.018	0.24
595,527	4,145,567	0.182	0.034	0.000	0.018	0.23
595,537	4,145,567	0.175	0.033	0.000	0.018	0.23
595,547	4,145,567	0.168	0.033	0.000	0.018	0.22
595,557	4,145,567	0.160	0.032	0.000	0.018	0.21
595,567	4,145,567	0.153	0.032	0.000	0.018	0.20
595,577	4,145,567	0.147	0.031	0.000	0.018	0.20
595,587	4,145,567	0.143	0.031	0.000	0.018	0.19
595,597	4,145,567	0.139	0.030	0.000	0.018	0.19
595,607	4,145,567	0.134	0.000	0.000	0.018	0.15
595,507	4,145,577	0.196	0.036	0.000	0.018	0.25
595,517	4,145,577	0.189	0.035	0.000	0.018	0.24
595,527	4,145,577	0.181	0.035	0.000	0.018	0.23
595,537	4,145,577	0.174	0.035	0.000	0.018	0.23
595,547	4,145,577	0.166	0.034	0.000	0.018	0.22
595,557	4,145,577	0.159	0.034	0.000	0.018	0.21
595,567	4,145,577	0.151	0.033	0.000	0.018	0.20
595,577	4,145,577	0.146	0.033	0.000	0.018	0.20
595,587	4,145,577	0.142	0.032	0.000	0.018	0.19
595,597	4,145,577	0.138	0.032	0.000	0.018	0.19
595,497	4,145,587	0.202	0.037	0.000	0.018	0.26
595,507	4,145,587	0.195	0.037	0.000	0.018	0.25
595,517	4,145,587	0.187	0.037	0.000	0.018	0.24
595,527	4,145,587	0.180	0.036	0.000	0.018	0.23
595,537	4,145,587	0.172	0.036	0.000	0.018	0.23
595,547	4,145,587	0.165	0.035	0.000	0.018	0.22
595,557	4,145,587	0.157	0.035	0.000	0.018	0.21
595,567	4,145,587	0.150	0.035	0.000	0.018	0.20
595,577	4,145,587	0.146	0.034	0.000	0.018	0.20
595,587	4,145,587	0.141	0.034	0.000	0.018	0.19
595,597	4,145,587	0.137	0.033	0.000	0.018	0.19
595,497	4,145,597	0.201	0.038	0.000	0.018	0.26
595,507	4,145,597	0.193	0.038	0.000	0.018	0.25
595,517	4,145,597	0.186	0.038	0.000	0.018	0.24
595,527	4,145,597	0.179	0.038	0.000	0.018	0.23
595,537	4,145,597	0.171	0.037	0.000	0.018	0.23
595,547	4,145,597	0.163	0.037	0.000	0.018	0.22
595,557	4,145,597	0.156	0.036	0.000	0.018	0.21

Table X
Cumulative $PM_{2.5}$ Concentrations
California Circle Project Development
Trumark Homes LLC
Milpitas, CA

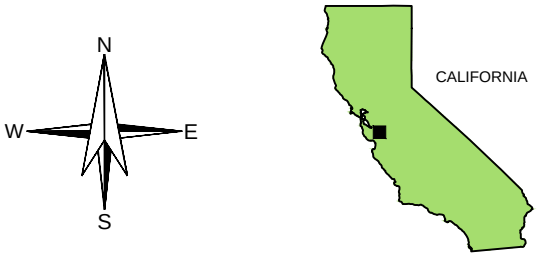
595,567	4,145,597	0.149	0.036	0.000	0.018	0.20
595,577	4,145,597	0.145	0.035	0.000	0.018	0.20
595,587	4,145,597	0.140	0.035	0.000	0.018	0.19
595,497	4,145,607	0.199	0.040	0.000	0.018	0.26
595,507	4,145,607	0.192	0.039	0.000	0.018	0.25
595,517	4,145,607	0.185	0.039	0.000	0.018	0.24
595,527	4,145,607	0.177	0.039	0.000	0.018	0.23
595,537	4,145,607	0.170	0.038	0.000	0.018	0.23
595,547	4,145,607	0.162	0.038	0.000	0.018	0.22
595,557	4,145,607	0.155	0.038	0.000	0.018	0.21
595,567	4,145,607	0.148	0.037	0.000	0.018	0.20
595,577	4,145,607	0.144	0.037	0.000	0.018	0.20
595,487	4,145,617	0.206	0.041	0.000	0.018	0.27
595,497	4,145,617	0.199	0.041	0.000	0.018	0.26
595,507	4,145,617	0.191	0.041	0.000	0.018	0.25
595,517	4,145,617	0.184	0.040	0.000	0.018	0.24
595,527	4,145,617	0.176	0.040	0.000	0.018	0.23
595,537	4,145,617	0.169	0.040	0.000	0.018	0.23
595,547	4,145,617	0.161	0.039	0.000	0.018	0.22
595,557	4,145,617	0.154	0.039	0.000	0.018	0.21
595,567	4,145,617	0.148	0.038	0.000	0.018	0.20
595,577	4,145,617	0.144	0.038	0.000	0.018	0.20
595,487	4,145,627	0.205	0.043	0.000	0.018	0.27
595,497	4,145,627	0.197	0.043	0.000	0.018	0.26
595,507	4,145,627	0.190	0.042	0.000	0.018	0.25
595,517	4,145,627	0.182	0.042	0.000	0.018	0.24
595,527	4,145,627	0.175	0.041	0.000	0.018	0.23
595,537	4,145,627	0.167	0.041	0.000	0.018	0.23
595,547	4,145,627	0.160	0.041	0.000	0.018	0.22
595,557	4,145,627	0.153	0.040	0.000	0.018	0.21
595,567	4,145,627	0.147	0.040	0.000	0.018	0.20
595,487	4,145,637	0.204	0.045	0.000	0.018	0.27
595,497	4,145,637	0.196	0.045	0.000	0.018	0.26
595,507	4,145,637	0.189	0.045	0.000	0.018	0.25
595,517	4,145,637	0.181	0.044	0.000	0.018	0.24
595,527	4,145,637	0.174	0.043	0.000	0.018	0.23
595,537	4,145,637	0.166	0.043	0.000	0.018	0.23
595,547	4,145,637	0.159	0.042	0.000	0.018	0.22
595,557	4,145,637	0.151	0.042	0.000	0.018	0.21
595,567	4,145,637	0.146	0.041	0.000	0.018	0.21
595,487	4,145,647	0.202	0.048	0.000	0.018	0.27
595,497	4,145,647	0.195	0.047	0.000	0.018	0.26
595,507	4,145,647	0.187	0.047	0.000	0.018	0.25
595,517	4,145,647	0.180	0.046	0.000	0.018	0.24
595,527	4,145,647	0.173	0.046	0.000	0.018	0.24
595,537	4,145,647	0.165	0.045	0.000	0.018	0.23
595,547	4,145,647	0.158	0.044	0.000	0.018	0.22
595,557	4,145,647	0.150	0.044	0.000	0.018	0.21
595,487	4,145,657	0.201	0.050	0.000	0.018	0.27
595,497	4,145,657	0.194	0.050	0.000	0.018	0.26
595,507	4,145,657	0.186	0.049	0.000	0.018	0.25
595,517	4,145,657	0.179	0.049	0.000	0.018	0.24
595,527	4,145,657	0.171	0.048	0.000	0.018	0.24
595,537	4,145,657	0.164	0.047	0.000	0.018	0.23
595,547	4,145,657	0.156	0.047	0.000	0.018	0.22
595,557	4,145,657	0.149	0.046	0.000	0.018	0.21
595,477	4,145,667	0.208	0.053	0.000	0.018	0.28
595,487	4,145,667	0.200	0.052	0.000	0.018	0.27
595,497	4,145,667	0.192	0.052	0.000	0.018	0.26
595,507	4,145,667	0.185	0.051	0.000	0.018	0.25
595,517	4,145,667	0.177	0.051	0.000	0.018	0.25
595,527	4,145,667	0.170	0.050	0.000	0.018	0.24
595,537	4,145,667	0.162	0.050	0.000	0.018	0.23
595,547	4,145,667	0.155	0.049	0.000	0.018	0.22
595,477	4,145,677	0.206	0.055	0.000	0.018	0.28
595,487	4,145,677	0.199	0.055	0.000	0.018	0.27

Table X
Cumulative $PM_{2.5}$ Concentrations
California Circle Project Development
Trumark Homes LLC
Milpitas, CA

595,497	4,145,677	0.191	0.054	0.000	0.018	0.26
595,507	4,145,677	0.184	0.054	0.000	0.018	0.26
595,517	4,145,677	0.176	0.053	0.000	0.018	0.25
595,527	4,145,677	0.168	0.053	0.000	0.018	0.24
595,537	4,145,677	0.161	0.052	0.000	0.018	0.23
595,477	4,145,687	0.205	0.060	0.000	0.018	0.28
595,487	4,145,687	0.198	0.059	0.000	0.018	0.27
595,497	4,145,687	0.190	0.057	0.000	0.018	0.27
595,507	4,145,687	0.183	0.056	0.000	0.018	0.26
595,517	4,145,687	0.175	0.055	0.000	0.018	0.25
595,527	4,145,687	0.168	0.055	0.000	0.018	0.24
595,537	4,145,687	0.160	0.054	0.000	0.018	0.23
595,477	4,145,697	0.204	0.066	0.000	0.018	0.29
595,487	4,145,697	0.196	0.065	0.000	0.018	0.28
595,497	4,145,697	0.189	0.064	0.000	0.018	0.27
595,507	4,145,697	0.181	0.062	0.000	0.018	0.26
595,517	4,145,697	0.174	0.061	0.000	0.018	0.25
595,467	4,145,707	0.214	0.074	0.000	0.018	0.31
595,477	4,145,707	0.202	0.073	0.000	0.018	0.29
595,487	4,145,707	0.195	0.072	0.000	0.018	0.28
595,497	4,145,707	0.187	0.070	0.000	0.018	0.28
595,507	4,145,707	0.180	0.069	0.000	0.018	0.27



U.S.G.S. QUADRANGLE: MILPITAS, CALIFORNIA



HALEY & ALDRICH

CALIFORNIA CIRCLE DEVELOPMENT
MILPITAS, CALIFORNIA

SITE LOCATION MAP

SCALE: 1:24000
MAY 2012

FIGURE 1

Drawing Name: G:\38874 California Circle TAC Analysis\000\CAD\38874-000_01.dwg
Operator Name: ROWLAND, QUA Plot Date: May 14, 2012 Layout: Project Locus (1)

HALEY & ALDRICH
Haley & Aldrich, Inc.
2033 N. Main Street, Ste. 309
Walnut Creek, CA 02129-1400
Tel: 925.949.1012
Fax: 925.979.1456
www.haleyaldrich.com

Project No.:	38460-000
Scale:	AS SHOWN
Date:	MAY 2012
Autocad File:	38874-000_02
Drawn By:	SJK
Designed By:	JK
Checked By:	CS
Approved By:	
Stamp:	

Rev.	Description	By	Date

CALIFORNIA CIRCLE
PROJECT
MILPITAS, CALIFORNIA

SITE LOCATION
AND RECEPTOR
GRID

Sheet: 2 OF 3

FIGURE 2

CADD File Data:
Drawing Name: G:\38874 California Circle TAC Analysis\000\CAD\38874-000_02.dwg
Operator Name: ROWLAND, QUA Layout: C-100

HALEY & ALDRICH
Haley & Aldrich, Inc.
2033 N. Main Street, Ste. 309
Walnut Creek, CA 02129-1400
Tel: 925.949.1012
Fax: 925.979.1456
www.haleyaldrich.com

Project No.:	38460-000
Scale:	AS SHOWN
Date:	MAY 2012
Autocad File:	38874-000_03
Drawn By:	SJK
Designed By:	JK
Checked By:	CS
Approved By:	
Stamp:	

Rev.	Description	By	Date

CALIFORNIA CIRCLE
PROJECT
MILPITAS, CALIFORNIA

NEARBY
RESIDENCES
MODELING GRID

Sheet: 3 OF 3

FIGURE 3

CADD File Data:
Drawing Name: C:\38874 California Circle TAC Analysis\000\CAD\38874-000_03.dwg
Operator Name: ROWLAND, QUA Layout: C-2D3

5/8/2012 10:55:25 AM

Urbemis 2007 Version 9.2.4

Combined Annual Emissions Reports (Tons/Year)

File Name: C:\Users\jkeegan\AppData\Roaming\Urbemis\Version9a\Projects\California Circle Project.urb924

Project Name: California Circle Development Project

Project Location: California State-wide

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

Summary Report:

CONSTRUCTION EMISSION ESTIMATES

	PM2.5 Dust	PM2.5 Exhaust	PM2.5
2013 TOTALS (tons/year unmitigated)	0.10	0.07	0.17
2014 TOTALS (tons/year unmitigated)	0.00	0.11	0.11
2015 TOTALS (tons/year unmitigated)	0.00	0.02	0.02

Construction Unmitigated Detail Report:

CONSTRUCTION EMISSION ESTIMATES Annual Tons Per Year, Unmitigated

	PM2.5 Dust	PM2.5 Exhaust	PM2.5
2013	0.10	0.07	0.17

5/8/2012 10:55:25 AM

Demolition 05/06/2013-06/16/2013	0.00	0.01	0.01
Fugitive Dust	0.14	0.00	0.14
Demo Off Road Diesel	0.00	0.01	0.01
Demo On Road Diesel	0.00	0.00	0.00
Demo Worker Trips	0.00	0.00	0.00
Fine Grading 06/17/2013-07/21/2013	0.10	0.01	0.11
Fine Grading Dust	0.10	0.00	0.10
Fine Grading Off Road Diesel	0.00	0.01	0.01
Fine Grading On Road Diesel	0.00	0.00	0.00
Fine Grading Worker Trips	0.00	0.00	0.00
Trenching 07/22/2013-08/18/2013	0.00	0.01	0.01
Trenching Off Road Diesel	0.00	0.01	0.01
Trenching Worker Trips	0.00	0.00	0.00
Asphalt 08/19/2013-08/25/2013	0.00	0.00	0.00
Paving Off-Gas	0.00	0.00	0.00
Paving Off Road Diesel	0.00	0.00	0.00
Paving On Road Diesel	0.00	0.00	0.00
Paving Worker Trips	0.00	0.00	0.00
Building 08/26/2013-03/29/2015	0.00	0.04	0.04
Building Off Road Diesel	0.00	0.04	0.04
Building Vendor Trips	0.00	0.00	0.00
Building Worker Trips	0.00	0.00	0.00

5/8/2012 10:55:25 AM

2014	0.00	0.11	0.11
Building 08/26/2013-03/29/2015	0.00	0.11	0.11
Building Off Road Diesel	0.00	0.10	0.10
Building Vendor Trips	0.00	0.00	0.01
Building Worker Trips	0.00	0.00	0.01
2015	0.00	0.02	0.02
Building 08/26/2013-03/29/2015	0.00	0.02	0.02
Building Off Road Diesel	0.00	0.02	0.02
Building Vendor Trips	0.00	0.00	0.00
Building Worker Trips	0.00	0.00	0.00
Coating 03/30/2015-06/28/2015	0.00	0.00	0.00
Architectural Coating	0.00	0.00	0.00
Coating Worker Trips	0.00	0.00	0.00

Phase Assumptions

Phase: Demolition 5/6/2013 - 6/16/2013 - Remove Existing Buldings

Building Volume Total (cubic feet): 3200027

Building Volume Daily (cubic feet): 3630

On Road Truck Travel (VMT): 50.42

Off-Road Equipment:

1 Concrete/Industrial Saws (10 hp) operating at a 0.73 load factor for 8 hours per day

1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 1 hours per day

2 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 6 hours per day

Phase: Fine Grading 6/17/2013 - 7/21/2013 - Fine Grading

Total Acres Disturbed: 7.4

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Maximum Daily Acreage Disturbed: 1.85

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

1 Graders (174 hp) operating at a 0.61 load factor for 6 hours per day

1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 6 hours per day

1 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 7 hours per day

1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Trenching 7/22/2013 - 8/18/2013 - Trenching

Off-Road Equipment:

2 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day

1 Other General Industrial Equipment (238 hp) operating at a 0.51 load factor for 8 hours per day

1 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 0 hours per day

Phase: Paving 8/19/2013 - 8/25/2013 - Paving

Acres to be Paved: 1.85

Off-Road Equipment:

4 Cement and Mortar Mixers (10 hp) operating at a 0.56 load factor for 6 hours per day

1 Pavers (100 hp) operating at a 0.62 load factor for 7 hours per day

1 Paving Equipment (104 hp) operating at a 0.53 load factor for 8 hours per day

1 Rollers (95 hp) operating at a 0.56 load factor for 7 hours per day

1 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 7 hours per day

Phase: Building Construction 8/26/2013 - 3/29/2015 - Building Construction

Off-Road Equipment:

1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day

2 Forklifts (145 hp) operating at a 0.3 load factor for 6 hours per day

1 Generator Sets (49 hp) operating at a 0.74 load factor for 8 hours per day

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1 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 8 hours per day

3 Welders (45 hp) operating at a 0.45 load factor for 8 hours per day

Phase: Architectural Coating 3/30/2015 - 6/28/2015 - Architectural Coating

Rule: Residential Interior Coatings begins 1/1/2005 ends 12/31/2040 specifies a VOC of 250

Rule: Residential Exterior Coatings begins 1/1/2005 ends 12/31/2040 specifies a VOC of 250

Rule: Nonresidential Interior Coatings begins 1/1/2005 ends 12/31/2040 specifies a VOC of 250

Rule: Nonresidential Exterior Coatings begins 1/1/2005 ends 12/31/2040 specifies a VOC of 250

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                    ISC3PRx      VERSION  4.4.4
            (C) COPYRIGHT 1991-2009, Trinity Consultants

 Run Began on  5/08/2012 at 18:30:11

 ** BREEZE ISC
 ** Trinity Consultants
 ** VERSION  7.6

 ** PRIME

 CO STARTING
 CO TITLEONE  Ambient concentrations of diesel-generated-PM and of PM2.5 from on-site construction operations at off-site receptors
 CO TITLETWO  California Circle property -- Milpitas, California -- modeled for Haley & Aldrich by Tabor Air Compliance, Inc.
 CO MODELOPT  DFAULT  CONC  URBAN
 CO RUNORNOT  RUN
 CO AVERTIME  ANNUAL
 CO POLLUTID  OTHER
 CO TERRHGTS  ELEV
 CO FINISHED

 SO STARTING
 SO ELEVUNIT  METERS
 SO LOCATION  PM2.5     AREA      595701  4145385  2
 ** SRCDESCR  Area Source - PM2.5 emissions
 SO LOCATION  DPM       AREA      595701  4145385  2.00
 ** SRCDESCR  Area Source - Diesel PM emissions
 SO SRCPARAM  PM2.5     1.633E-07  0  362.544  82.601  -118  1
 SO SRCPARAM  DPM       1.057E-07  0  362.544  82.601  -118  1
 SO SRCGROUP  PM2.5  PM2.5
 SO SRCGROUP  DPM  DPM
 SO FINISHED

 RE STARTING
 RE ELEVUNIT  METERS
 RE DISCCART  595410.0  4145360.0  3
 RE DISCCART  595410.0  4145370.0  3
 RE DISCCART  595420.0  4145370.0  3
 RE DISCCART  595430.0  4145370.0  3
 RE DISCCART  595440.0  4145370.0  3
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 RE DISCCART  595460.0  4145370.0  3
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RE DISCCART  595610.0  4145830.0  2
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RE DISCCART  595650.0  4145830.0  2
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RE DISCCART  595690.0  4145830.0  2
RE DISCCART  595700.0  4145830.0  2
RE DISCCART  595710.0  4145830.0  2
RE DISCCART  595720.0  4145830.0  2
RE DISCCART  595730.0  4145830.0  2
RE DISCCART  595740.0  4145830.0  2
RE DISCCART  595750.0  4145830.0  2.22
RE DISCCART  595760.0  4145830.0  2.44
RE DISCCART  595770.0  4145830.0  2.67
RE DISCCART  595780.0  4145830.0  2.78
RE DISCCART  595790.0  4145830.0  2.89
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RE DISCCART  595550.0  4145840.0  2
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RE DISCCART  595570.0  4145840.0  2
RE DISCCART  595580.0  4145840.0  2
RE DISCCART  595590.0  4145840.0  2
RE DISCCART  595600.0  4145840.0  2
RE DISCCART  595610.0  4145840.0  2
RE DISCCART  595620.0  4145840.0  2
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RE DISCCART  595720.0  4145840.0  2
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RE DISCCART  595740.0  4145840.0  2
RE DISCCART  595750.0  4145840.0  2.11
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RE DISCCART  595790.0  4145840.0  2.78
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RE DISCCART  595570.0  4145850.0  2
RE DISCCART  595580.0  4145850.0  2
RE DISCCART  595590.0  4145850.0  2
RE DISCCART  595600.0  4145850.0  2
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RE	DISCCART	595740.0	4145850.0	2
RE	DISCCART	595750.0	4145850.0	2
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RE	DISCCART	595770.0	4145850.0	2
RE	DISCCART	595780.0	4145850.0	2.33
RE	DISCCART	595790.0	4145850.0	2.67
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RE	DISCCART	595580.0	4145860.0	2
RE	DISCCART	595590.0	4145860.0	2
RE	DISCCART	595600.0	4145860.0	2
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RE	DISCCART	595650.0	4145860.0	2
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RE	DISCCART	595690.0	4145860.0	2
RE	DISCCART	595700.0	4145860.0	2
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RE	DISCCART	595720.0	4145860.0	2
RE	DISCCART	595730.0	4145860.0	2
RE	DISCCART	595740.0	4145860.0	2
RE	DISCCART	595750.0	4145860.0	2.11
RE	DISCCART	595760.0	4145860.0	2.22
RE	DISCCART	595770.0	4145860.0	2.33
RE	DISCCART	595780.0	4145860.0	2.56
RE	DISCCART	595590.0	4145870.0	2
RE	DISCCART	595600.0	4145870.0	2
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RE	DISCCART	595630.0	4145870.0	2
RE	DISCCART	595640.0	4145870.0	2
RE	DISCCART	595650.0	4145870.0	2
RE	DISCCART	595660.0	4145870.0	2
RE	DISCCART	595670.0	4145870.0	2
RE	DISCCART	595680.0	4145870.0	2
RE	DISCCART	595690.0	4145870.0	2
RE	DISCCART	595700.0	4145870.0	2
RE	DISCCART	595710.0	4145870.0	2
RE	DISCCART	595720.0	4145870.0	2
RE	DISCCART	595730.0	4145870.0	2
RE	DISCCART	595740.0	4145870.0	2
RE	DISCCART	595750.0	4145870.0	2.22
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RE	DISCCART	595690.0	4145880.0	2
RE	DISCCART	595700.0	4145880.0	2
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RE	DISCCART	595720.0	4145880.0	2
RE	DISCCART	595730.0	4145880.0	2
RE	DISCCART	595740.0	4145880.0	2
RE	DISCCART	595750.0	4145880.0	2.33
RE	DISCCART	595760.0	4145880.0	2.67
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RE	DISCCART	595670.0	4145890.0	2
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RE	DISCCART	595690.0	4145890.0	2
RE	DISCCART	595700.0	4145890.0	2
RE	DISCCART	595710.0	4145890.0	2
RE	DISCCART	595720.0	4145890.0	2
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RE	DISCCART	595740.0	4145890.0	2
RE	DISCCART	595750.0	4145890.0	2.33
RE	DISCCART	595760.0	4145890.0	2.67
RE	DISCCART	595660.0	4145900.0	2
RE	DISCCART	595670.0	4145900.0	2

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 RE DISCCART  595680.0  4145900.0  2
 RE DISCCART  595690.0  4145900.0  2
 RE DISCCART  595700.0  4145900.0  2
 RE DISCCART  595710.0  4145900.0  2
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 RE DISCCART  595740.0  4145900.0  2
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 RE DISCCART  595690.0  4145910.0  2
 RE DISCCART  595700.0  4145910.0  2
 RE DISCCART  595710.0  4145910.0  2
 RE DISCCART  595720.0  4145910.0  2
 RE DISCCART  595730.0  4145910.0  2
 RE DISCCART  595740.0  4145910.0  2
 RE DISCCART  595710.0  4145920.0  2
 RE DISCCART  595720.0  4145920.0  2
 RE DISCCART  595730.0  4145920.0  2
 RE DISCCART  595460  4145780  2
 RE FINISHED

 ME STARTING
 ME INPUTFIL  C:\Users\Eric\TABORA~1\Clients\HALEYA~1\021B_C~1.CIR\MODELI~1\ALV96-00.asc
 ** INPUTFIL  "C:\Users\Eric\Tabor Air Compiance\Clients\Haley and Aldrich\021b_Calif. Circle_Air Dispersion Modeling - ISC -
PM\mode
 ME ANEMHGHT  10 METERS
 ME SURFDATA  7905  1996
 ME UAIRDATA  7905  1996
 ME STARTEND  1996  1  1  1  2000  12  31  24
 ME FINISHED

 OU STARTING
 OU PLOTFILE  ANNUAL  PM2.5  PM2.5`ANNUAL.plt  10000
 OU PLOTFILE  ANNUAL  DPM  DPM`ANNUAL.plt  10001
 OU POSTFILE  ANNUAL  PM2.5  UNFORM  PM2.5`ANNUAL.bin  10002
 OU POSTFILE  ANNUAL  DPM  UNFORM  DPM`ANNUAL.bin  10003
 OU FINISHED


  *** Message Summary For ISC3P Model Setup ***

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

 A Total of            0 Fatal Error Message(s)
 A Total of            4 Warning Message(s)
 A Total of            0 Informational Message(s)


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


    ********   WARNING MESSAGES   ********
 OU W565  2094 PERPLT:Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
 OU W565  2095 PERPLT:Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
 OU W565  2096 PERPST:Possible Conflict With Dynamically Allocated FUNIT POSTFILE
 OU W565  2097 PERPST:Possible Conflict With Dynamically Allocated FUNIT POSTFILE

 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************
```

```
**MODELOPTs: CONC                          URBAN  ELEV          DFAULT

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

**Intermediate Terrain Processing is Selected

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

  --  SCAVENGING/DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION.  DDPLETE =  F
**Model Uses NO WET DEPLETION.  WDPLETE =  F
**NO WET SCAVENGING Data Provided.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:
           1. Final Plume Rise.
           2. Stack-tip Downwash.
           3. Buoyancy-induced Dispersion.
           4. Use Calms Processing Routine.
           5. Not Use Missing Data Processing Routine.
           6. Default Wind Profile Exponents.
           7. Default Vertical Potential Temperature Gradients.
           8. "Upper Bound" Values for Supersquat Buildings.
           9. No Exponential Decay for URBAN/Non-SO2

**Model Accepts Receptors on ELEV Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

**This Run Includes:    2 Source(s);      2 Source Group(s); and   2051 Receptor(s)

**The Model Assumes A Pollutant Type of:  OTHER

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

**Output Options Selected:
         Model Outputs Tables of ANNUAL Averages by Receptor
         Model Outputs External File(s) of Concurrent Values for Postprocessing (POSTFILE Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE 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:  Anem. Hgt. (m) =    10.00 ;    Decay Coef. =       0.0000 ;    Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                                ;  Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

**Input Runstream File: ISCST3.INP                              ;  **Output Print File: ISCST3.OUT
```

**MODELOPTs: CONC URBAN ELEV DFAULT

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
PM2.5	0	0.16330E-06	595701.0	4145385.0	2.0	0.00	362.54	82.60	-118.00	1.00	
DPM	0	0.10570E-06	595701.0	4145385.0	2.0	0.00	362.54	82.60	-118.00	1.00	

**MODELOPTs: CONC URBAN ELEV DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
PM2.5	PM2.5 ,
DPM	DPM ,

**MODELOPTs: CONC URBAN ELEV DFAULT

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

(595410.0,	4145360.0,	3.0,	0.0);	(595410.0,	4145370.0,	3.0,	0.0);	6,	0.0);
(595940.0,	4145180.0,	2.8,	0.0);	(595950.0,	4145180.0,	3.0,	0.0);		
(595960.0,	4145180.0,	3.0,	0.0);	(595880.0,	4145190.0,	2.0,	0.0);		
(595890.0,	4145190.0,	2.0,	0.0);	(595900.0,	4145190.0,	2.0,	0.0);		
(595910.0,	4145190.0,	2.0,	0.0);	(595920.0,	4145190.0,	2.0,	0.0);		
(595930.0,	4145190.0,	2.3,	0.0);	(595940.0,	4145190.0,	2.7,	0.0);		
(595950.0,	4145190.0,	3.0,	0.0);	(595960.0,	4145190.0,	3.0,	0.0);		
(595970.0,	4145190.0,	3.0,	0.0);	(595870.0,	4145200.0,	2.0,	0.0);		
(595880.0,	4145200.0,	2.0,	0.0);	(595890.0,	4145200.0,	2.0,	0.0);		
(595900.0,	4145200.0,	2.0,	0.0);	(595910.0,	4145200.0,	2.0,	0.0);		
(595920.0,	4145200.0,	2.0,	0.0);	(595930.0,	4145200.0,	2.2,	0.0);		
(595940.0,	4145200.0,	2.4,	0.0);	(595950.0,	4145200.0,	2.7,	0.0);		
(595960.0,	4145200.0,	2.8,	0.0);	(595970.0,	4145200.0,	2.9,	0.0);		
(595870.0,	4145210.0,	2.0,	0.0);	(595880.0,	4145210.0,	2.0,	0.0);		
(595890.0,	4145210.0,	2.0,	0.0);	(595900.0,	4145210.0,	2.0,	0.0);		
(595910.0,	4145210.0,	2.0,	0.0);	(595920.0,	4145210.0,	2.0,	0.0);		
(595930.0,	4145210.0,	2.1,	0.0);	(595940.0,	4145210.0,	2.2,	0.0);		
(595950.0,	4145210.0,	2.3,	0.0);	(595960.0,	4145210.0,	2.6,	0.0);		
(595970.0,	4145210.0,	2.8,	0.0);	(595980.0,	4145210.0,	3.0,	0.0);		
(595860.0,	4145220.0,	2.0,	0.0);	(595870.0,	4145220.0,	2.0,	0.0);		
(595880.0,	4145220.0,	2.0,	0.0);	(595890.0,	4145220.0,	2.0,	0.0);		
(595900.0,	4145220.0,	2.0,	0.0);	(595910.0,	4145220.0,	2.0,	0.0);		

**MODELOPTs: CONC URBAN ELEV DFAULT

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

(595920.0,	4145220.0,	2.0,	0.0);	(595930.0,	4145220.0,	2.0,	0.0);
(595940.0,	4145220.0,	2.0,	0.0);	(595950.0,	4145220.0,	2.0,	0.0);
(595960.0,	4145220.0,	2.3,	0.0);	(595970.0,	4145220.0,	2.7,	0.0);
(595980.0,	4145220.0,	3.0,	0.0);	(595860.0,	4145230.0,	2.0,	0.0);
(595870.0,	4145230.0,	2.0,	0.0);	(595880.0,	4145230.0,	2.0,	0.0);
(595890.0,	4145230.0,	2.0,	0.0);	(595900.0,	4145230.0,	2.0,	0.0);
(595910.0,	4145230.0,	2.0,	0.0);	(595920.0,	4145230.0,	2.0,	0.0);
(595930.0,	4145230.0,	2.1,	0.0);	(595940.0,	4145230.0,	2.2,	0.0);
(595950.0,	4145230.0,	2.3,	0.0);	(595960.0,	4145230.0,	2.6,	0.0);
(595970.0,	4145230.0,	2.8,	0.0);	(595980.0,	4145230.0,	3.0,	0.0);
(595990.0,	4145230.0,	3.0,	0.0);	(595850.0,	4145240.0,	2.0,	0.0);
(595860.0,	4145240.0,	2.0,	0.0);	(595870.0,	4145240.0,	2.0,	0.0);
(595880.0,	4145240.0,	2.0,	0.0);	(595890.0,	4145240.0,	2.0,	0.0);
(595900.0,	4145240.0,	2.0,	0.0);	(595910.0,	4145240.0,	2.0,	0.0);
(595920.0,	4145240.0,	2.0,	0.0);	(595930.0,	4145240.0,	2.2,	0.0);
(595940.0,	4145240.0,	2.4,	0.0);	(595950.0,	4145240.0,	2.7,	0.0);
(595960.0,	4145240.0,	2.8,	0.0);	(595970.0,	4145240.0,	2.9,	0.0);
(595980.0,	4145240.0,	3.0,	0.0);	(595990.0,	4145240.0,	3.0,	0.0);
(595850.0,	4145250.0,	2.0,	0.0);	(595860.0,	4145250.0,	2.0,	0.0);
(595870.0,	4145250.0,	2.0,	0.0);	(595880.0,	4145250.0,	2.0,	0.0);
(595890.0,	4145250.0,	2.0,	0.0);	(595900.0,	4145250.0,	2.0,	0.0);
(595910.0,	4145250.0,	2.0,	0.0);	(595920.0,	4145250.0,	2.0,	0.0);
(595930.0,	4145250.0,	2.3,	0.0);	(595940.0,	4145250.0,	2.7,	0.0);
(595950.0,	4145250.0,	3.0,	0.0);	(595960.0,	4145250.0,	3.0,	0.0);
(595970.0,	4145250.0,	3.0,	0.0);	(595980.0,	4145250.0,	3.0,	0.0);
(595990.0,	4145250.0,	3.0,	0.0);	(595840.0,	4145260.0,	2.0,	0.0);
(595850.0,	4145260.0,	2.0,	0.0);	(595860.0,	4145260.0,	2.0,	0.0);
(595870.0,	4145260.0,	2.0,	0.0);	(595880.0,	4145260.0,	2.0,	0.0);
(595890.0,	4145260.0,	2.0,	0.0);	(595900.0,	4145260.0,	2.0,	0.0);
(595910.0,	4145260.0,	2.0,	0.0);	(595920.0,	4145260.0,	2.0,	0.0);
(595930.0,	4145260.0,	2.3,	0.0);	(595940.0,	4145260.0,	2.7,	0.0);
(595950.0,	4145260.0,	3.0,	0.0);	(595960.0,	4145260.0,	3.0,	0.0);
(595970.0,	4145260.0,	3.0,	0.0);	(595980.0,	4145260.0,	3.0,	0.0);
(595990.0,	4145260.0,	3.0,	0.0);	(596000.0,	4145260.0,	3.0,	0.0);
(595840.0,	4145270.0,	2.0,	0.0);	(595850.0,	4145270.0,	2.0,	0.0);
(595860.0,	4145270.0,	2.0,	0.0);	(595870.0,	4145270.0,	2.0,	0.0);
(595880.0,	4145270.0,	2.0,	0.0);	(595890.0,	4145270.0,	2.0,	0.0);
(595900.0,	4145270.0,	2.0,	0.0);	(595910.0,	4145270.0,	2.0,	0.0);
(595920.0,	4145270.0,	2.0,	0.0);	(595930.0,	4145270.0,	2.3,	0.0);
(595940.0,	4145270.0,	2.7,	0.0);	(595950.0,	4145270.0,	3.0,	0.0);
(595960.0,	4145270.0,	3.0,	0.0);	(595970.0,	4145270.0,	3.0,	0.0);
(595980.0,	4145270.0,	3.0,	0.0);	(595990.0,	4145270.0,	3.0,	0.0);
(596000.0,	4145270.0,	3.0,	0.0);	(595830.0,	4145280.0,	2.0,	0.0);
(595840.0,	4145280.0,	2.0,	0.0);	(595850.0,	4145280.0,	2.0,	0.0);
(595860.0,	4145280.0,	2.0,	0.0);	(595870.0,	4145280.0,	2.0,	0.0);

**MODELOPTs: CONC URBAN ELEV DFAULT

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

(595880.0,	4145280.0,	2.0,	0.0);	(595890.0,	4145280.0,	2.0,	0.0);
(595900.0,	4145280.0,	2.0,	0.0);	(595910.0,	4145280.0,	2.0,	0.0);
(595920.0,	4145280.0,	2.0,	0.0);	(595930.0,	4145280.0,	2.3,	0.0);
(595940.0,	4145280.0,	2.7,	0.0);	(595950.0,	4145280.0,	3.0,	0.0);
(595960.0,	4145280.0,	3.0,	0.0);	(595970.0,	4145280.0,	3.0,	0.0);
(595980.0,	4145280.0,	3.0,	0.0);	(595990.0,	4145280.0,	3.0,	0.0);
(596000.0,	4145280.0,	3.0,	0.0);	(595820.0,	4145290.0,	2.0,	0.0);
(595830.0,	4145290.0,	2.0,	0.0);	(595840.0,	4145290.0,	2.0,	0.0);
(595850.0,	4145290.0,	2.0,	0.0);	(595860.0,	4145290.0,	2.0,	0.0);
(595870.0,	4145290.0,	2.0,	0.0);	(595880.0,	4145290.0,	2.0,	0.0);
(595890.0,	4145290.0,	2.0,	0.0);	(595900.0,	4145290.0,	2.0,	0.0);
(595910.0,	4145290.0,	2.0,	0.0);	(595920.0,	4145290.0,	2.0,	0.0);
(595930.0,	4145290.0,	2.3,	0.0);	(595940.0,	4145290.0,	2.7,	0.0);
(595950.0,	4145290.0,	3.0,	0.0);	(595960.0,	4145290.0,	3.0,	0.0);
(595970.0,	4145290.0,	3.0,	0.0);	(595980.0,	4145290.0,	3.0,	0.0);
(595990.0,	4145290.0,	3.0,	0.0);	(596000.0,	4145290.0,	3.0,	0.0);
(595820.0,	4145300.0,	2.0,	0.0);	(595830.0,	4145300.0,	2.0,	0.0);
(595840.0,	4145300.0,	2.0,	0.0);	(595850.0,	4145300.0,	2.0,	0.0);
(595860.0,	4145300.0,	2.0,	0.0);	(595870.0,	4145300.0,	2.0,	0.0);
(595880.0,	4145300.0,	2.0,	0.0);	(595890.0,	4145300.0,	2.0,	0.0);
(595900.0,	4145300.0,	2.0,	0.0);	(595910.0,	4145300.0,	2.0,	0.0);
(595920.0,	4145300.0,	2.0,	0.0);	(595930.0,	4145300.0,	2.3,	0.0);
(595940.0,	4145300.0,	2.7,	0.0);	(595950.0,	4145300.0,	3.0,	0.0);
(595960.0,	4145300.0,	3.0,	0.0);	(595970.0,	4145300.0,	3.0,	0.0);
(595980.0,	4145300.0,	3.0,	0.0);	(595990.0,	4145300.0,	3.0,	0.0);
(596000.0,	4145300.0,	3.0,	0.0);	(595810.0,	4145310.0,	2.0,	0.0);
(595820.0,	4145310.0,	2.0,	0.0);	(595830.0,	4145310.0,	2.0,	0.0);
(595840.0,	4145310.0,	2.0,	0.0);	(595850.0,	4145310.0,	2.0,	0.0);
(595860.0,	4145310.0,	2.0,	0.0);	(595870.0,	4145310.0,	2.0,	0.0);
(595880.0,	4145310.0,	2.0,	0.0);	(595890.0,	4145310.0,	2.0,	0.0);
(595900.0,	4145310.0,	2.0,	0.0);	(595910.0,	4145310.0,	2.0,	0.0);
(595920.0,	4145310.0,	2.0,	0.0);	(595930.0,	4145310.0,	2.3,	0.0);
(595940.0,	4145310.0,	2.7,	0.0);	(595950.0,	4145310.0,	3.0,	0.0);
(595960.0,	4145310.0,	3.0,	0.0);	(595970.0,	4145310.0,	3.0,	0.0);
(595980.0,	4145310.0,	3.0,	0.0);	(595990.0,	4145310.0,	3.0,	0.0);
(596000.0,	4145310.0,	3.0,	0.0);	(596010.0,	4145310.0,	3.0,	0.0);
(595810.0,	4145320.0,	2.0,	0.0);	(595820.0,	4145320.0,	2.0,	0.0);
(595830.0,	4145320.0,	2.0,	0.0);	(595840.0,	4145320.0,	2.0,	0.0);
(595850.0,	4145320.0,	2.0,	0.0);	(595860.0,	4145320.0,	2.0,	0.0);
(595870.0,	4145320.0,	2.0,	0.0);	(595880.0,	4145320.0,	2.0,	0.0);
(595890.0,	4145320.0,	2.0,	0.0);	(595900.0,	4145320.0,	2.1,	0.0);
(595910.0,	4145320.0,	2.2,	0.0);	(595920.0,	4145320.0,	2.3,	0.0);
(595930.0,	4145320.0,	2.6,	0.0);	(595940.0,	4145320.0,	2.8,	0.0);
(595950.0,	4145320.0,	3.0,	0.0);	(595960.0,	4145320.0,	3.0,	0.0);
(595970.0,	4145320.0,	3.0,	0.0);	(595980.0,	4145320.0,	3.0,	0.0);

**MODELOPTs: CONC URBAN ELEV DFAULT

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

(595990.0,	4145320.0,	3.0,	0.0);	(596000.0,	4145320.0,	3.0,	0.0);
(596010.0,	4145320.0,	3.0,	0.0);	(595800.0,	4145330.0,	2.0,	0.0);
(595810.0,	4145330.0,	2.0,	0.0);	(595820.0,	4145330.0,	2.0,	0.0);
(595830.0,	4145330.0,	2.0,	0.0);	(595840.0,	4145330.0,	2.0,	0.0);
(595850.0,	4145330.0,	2.0,	0.0);	(595860.0,	4145330.0,	2.0,	0.0);
(595870.0,	4145330.0,	2.0,	0.0);	(595880.0,	4145330.0,	2.0,	0.0);
(595890.0,	4145330.0,	2.0,	0.0);	(595900.0,	4145330.0,	2.2,	0.0);
(595910.0,	4145330.0,	2.4,	0.0);	(595920.0,	4145330.0,	2.7,	0.0);
(595930.0,	4145330.0,	2.8,	0.0);	(595940.0,	4145330.0,	2.9,	0.0);
(595950.0,	4145330.0,	3.0,	0.0);	(595960.0,	4145330.0,	3.0,	0.0);
(595970.0,	4145330.0,	3.0,	0.0);	(595980.0,	4145330.0,	3.0,	0.0);
(595990.0,	4145330.0,	3.0,	0.0);	(596000.0,	4145330.0,	3.0,	0.0);
(596010.0,	4145330.0,	3.0,	0.0);	(595800.0,	4145340.0,	2.0,	0.0);
(595810.0,	4145340.0,	2.0,	0.0);	(595820.0,	4145340.0,	2.0,	0.0);
(595830.0,	4145340.0,	2.0,	0.0);	(595840.0,	4145340.0,	2.0,	0.0);
(595850.0,	4145340.0,	2.0,	0.0);	(595860.0,	4145340.0,	2.0,	0.0);
(595870.0,	4145340.0,	2.0,	0.0);	(595880.0,	4145340.0,	2.0,	0.0);
(595890.0,	4145340.0,	2.0,	0.0);	(595900.0,	4145340.0,	2.3,	0.0);
(595910.0,	4145340.0,	2.7,	0.0);	(595920.0,	4145340.0,	3.0,	0.0);
(595930.0,	4145340.0,	3.0,	0.0);	(595940.0,	4145340.0,	3.0,	0.0);
(595950.0,	4145340.0,	3.0,	0.0);	(595960.0,	4145340.0,	3.0,	0.0);
(595970.0,	4145340.0,	3.0,	0.0);	(595980.0,	4145340.0,	3.0,	0.0);
(595990.0,	4145340.0,	3.0,	0.0);	(596000.0,	4145340.0,	3.0,	0.0);
(596010.0,	4145340.0,	3.0,	0.0);	(595790.0,	4145350.0,	2.0,	0.0);
(595800.0,	4145350.0,	2.0,	0.0);	(595810.0,	4145350.0,	2.0,	0.0);
(595820.0,	4145350.0,	2.0,	0.0);	(595830.0,	4145350.0,	2.0,	0.0);
(595840.0,	4145350.0,	2.0,	0.0);	(595850.0,	4145350.0,	2.0,	0.0);
(595860.0,	4145350.0,	2.0,	0.0);	(595870.0,	4145350.0,	2.0,	0.0);
(595880.0,	4145350.0,	2.0,	0.0);	(595890.0,	4145350.0,	2.0,	0.0);
(595900.0,	4145350.0,	2.3,	0.0);	(595910.0,	4145350.0,	2.7,	0.0);
(595920.0,	4145350.0,	3.0,	0.0);	(595930.0,	4145350.0,	3.0,	0.0);
(595940.0,	4145350.0,	3.0,	0.0);	(595950.0,	4145350.0,	3.0,	0.0);
(595960.0,	4145350.0,	3.0,	0.0);	(595970.0,	4145350.0,	3.0,	0.0);
(595980.0,	4145350.0,	3.0,	0.0);	(595990.0,	4145350.0,	3.0,	0.0);
(596000.0,	4145350.0,	3.0,	0.0);	(596010.0,	4145350.0,	3.0,	0.0);
(595790.0,	4145360.0,	2.0,	0.0);	(595800.0,	4145360.0,	2.0,	0.0);
(595810.0,	4145360.0,	2.0,	0.0);	(595820.0,	4145360.0,	2.0,	0.0);
(595830.0,	4145360.0,	2.0,	0.0);	(595840.0,	4145360.0,	2.0,	0.0);
(595850.0,	4145360.0,	2.0,	0.0);	(595860.0,	4145360.0,	2.0,	0.0);
(595870.0,	4145360.0,	2.0,	0.0);	(595880.0,	4145360.0,	2.0,	0.0);
(595890.0,	4145360.0,	2.0,	0.0);	(595900.0,	4145360.0,	2.3,	0.0);
(595910.0,	4145360.0,	2.7,	0.0);	(595920.0,	4145360.0,	3.0,	0.0);
(595930.0,	4145360.0,	3.0,	0.0);	(595940.0,	4145360.0,	3.0,	0.0);
(595950.0,	4145360.0,	3.0,	0.0);	(595960.0,	4145360.0,	3.0,	0.0);
(595970.0,	4145360.0,	3.0,	0.0);	(595980.0,	4145360.0,	3.0,	0.0);

**MODELOPTs: CONC URBAN ELEV DFAULT

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

(595990.0,	4145360.0,	3.0,	0.0);	(596000.0,	4145360.0,	3.0,	0.0);
(596010.0,	4145360.0,	3.0,	0.0);	(596020.0,	4145360.0,	3.0,	0.0);
(595430.0,	4145370.0,	3.0,	0.0);	(595440.0,	4145370.0,	3.0,	0.0);
(595450.0,	4145370.0,	3.0,	0.0);	(595460.0,	4145370.0,	3.0,	0.0);
(595780.0,	4145370.0,	2.0,	0.0);	(595790.0,	4145370.0,	2.0,	0.0);
(595800.0,	4145370.0,	2.0,	0.0);	(595810.0,	4145370.0,	2.0,	0.0);
(595820.0,	4145370.0,	2.0,	0.0);	(595830.0,	4145370.0,	2.0,	0.0);
(595840.0,	4145370.0,	2.0,	0.0);	(595850.0,	4145370.0,	2.0,	0.0);
(595860.0,	4145370.0,	2.0,	0.0);	(595870.0,	4145370.0,	2.0,	0.0);
(595880.0,	4145370.0,	2.0,	0.0);	(595890.0,	4145370.0,	2.0,	0.0);
(595900.0,	4145370.0,	2.3,	0.0);	(595910.0,	4145370.0,	2.7,	0.0);
(595920.0,	4145370.0,	3.0,	0.0);	(595930.0,	4145370.0,	3.0,	0.0);
(595940.0,	4145370.0,	3.0,	0.0);	(595950.0,	4145370.0,	3.0,	0.0);
(595960.0,	4145370.0,	3.0,	0.0);	(595970.0,	4145370.0,	3.0,	0.0);
(595980.0,	4145370.0,	3.0,	0.0);	(595990.0,	4145370.0,	3.0,	0.0);
(596000.0,	4145370.0,	3.0,	0.0);	(596010.0,	4145370.0,	3.0,	0.0);
(596020.0,	4145370.0,	3.0,	0.0);	(595430.0,	4145380.0,	3.0,	0.0);
(595440.0,	4145380.0,	3.0,	0.0);	(595450.0,	4145380.0,	3.0,	0.0);
(595460.0,	4145380.0,	3.0,	0.0);	(595470.0,	4145380.0,	3.0,	0.0);
(595480.0,	4145380.0,	3.0,	0.0);	(595490.0,	4145380.0,	3.0,	0.0);
(595500.0,	4145380.0,	3.0,	0.0);	(595510.0,	4145380.0,	2.7,	0.0);
(595780.0,	4145380.0,	2.0,	0.0);	(595790.0,	4145380.0,	2.0,	0.0);
(595800.0,	4145380.0,	2.0,	0.0);	(595810.0,	4145380.0,	2.0,	0.0);
(595820.0,	4145380.0,	2.0,	0.0);	(595830.0,	4145380.0,	2.0,	0.0);
(595840.0,	4145380.0,	2.0,	0.0);	(595850.0,	4145380.0,	2.0,	0.0);
(595860.0,	4145380.0,	2.0,	0.0);	(595870.0,	4145380.0,	2.1,	0.0);
(595880.0,	4145380.0,	2.2,	0.0);	(595890.0,	4145380.0,	2.3,	0.0);
(595900.0,	4145380.0,	2.6,	0.0);	(595910.0,	4145380.0,	2.8,	0.0);
(595920.0,	4145380.0,	3.0,	0.0);	(595930.0,	4145380.0,	3.0,	0.0);
(595940.0,	4145380.0,	3.0,	0.0);	(595950.0,	4145380.0,	3.0,	0.0);
(595960.0,	4145380.0,	3.0,	0.0);	(595970.0,	4145380.0,	3.0,	0.0);
(595980.0,	4145380.0,	3.0,	0.0);	(595990.0,	4145380.0,	3.0,	0.0);
(596000.0,	4145380.0,	3.0,	0.0);	(596010.0,	4145380.0,	3.0,	0.0);
(596020.0,	4145380.0,	3.0,	0.0);	(595430.0,	4145390.0,	3.0,	0.0);
(595440.0,	4145390.0,	3.0,	0.0);	(595450.0,	4145390.0,	3.0,	0.0);
(595460.0,	4145390.0,	3.0,	0.0);	(595470.0,	4145390.0,	3.0,	0.0);
(595480.0,	4145390.0,	3.0,	0.0);	(595490.0,	4145390.0,	3.0,	0.0);
(595500.0,	4145390.0,	3.0,	0.0);	(595510.0,	4145390.0,	2.7,	0.0);
(595520.0,	4145390.0,	2.3,	0.0);	(595530.0,	4145390.0,	2.0,	0.0);
(595540.0,	4145390.0,	2.0,	0.0);	(595550.0,	4145390.0,	2.0,	0.0);
(595770.0,	4145390.0,	2.0,	0.0);	(595780.0,	4145390.0,	2.0,	0.0);
(595790.0,	4145390.0,	2.0,	0.0);	(595800.0,	4145390.0,	2.0,	0.0);
(595810.0,	4145390.0,	2.0,	0.0);	(595820.0,	4145390.0,	2.0,	0.0);
(595830.0,	4145390.0,	2.0,	0.0);	(595840.0,	4145390.0,	2.0,	0.0);
(595850.0,	4145390.0,	2.0,	0.0);	(595860.0,	4145390.0,	2.0,	0.0);

**MODELOPTs: CONC URBAN ELEV DFAULT

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

(595870.0,	4145390.0,	2.2,	0.0);	(595880.0,	4145390.0,	2.4,	0.0);
(595890.0,	4145390.0,	2.7,	0.0);	(595900.0,	4145390.0,	2.8,	0.0);
(595910.0,	4145390.0,	2.9,	0.0);	(595920.0,	4145390.0,	3.0,	0.0);
(595930.0,	4145390.0,	3.0,	0.0);	(595940.0,	4145390.0,	3.0,	0.0);
(595950.0,	4145390.0,	3.0,	0.0);	(595960.0,	4145390.0,	3.0,	0.0);
(595970.0,	4145390.0,	3.0,	0.0);	(595980.0,	4145390.0,	3.0,	0.0);
(595990.0,	4145390.0,	3.0,	0.0);	(596000.0,	4145390.0,	3.0,	0.0);
(596010.0,	4145390.0,	3.0,	0.0);	(595430.0,	4145400.0,	3.0,	0.0);
(595440.0,	4145400.0,	3.0,	0.0);	(595450.0,	4145400.0,	3.0,	0.0);
(595460.0,	4145400.0,	3.0,	0.0);	(595470.0,	4145400.0,	3.0,	0.0);
(595480.0,	4145400.0,	3.0,	0.0);	(595490.0,	4145400.0,	3.0,	0.0);
(595500.0,	4145400.0,	3.0,	0.0);	(595510.0,	4145400.0,	2.7,	0.0);
(595520.0,	4145400.0,	2.3,	0.0);	(595530.0,	4145400.0,	2.0,	0.0);
(595540.0,	4145400.0,	2.0,	0.0);	(595550.0,	4145400.0,	2.0,	0.0);
(595770.0,	4145400.0,	2.0,	0.0);	(595780.0,	4145400.0,	2.0,	0.0);
(595790.0,	4145400.0,	2.0,	0.0);	(595800.0,	4145400.0,	2.0,	0.0);
(595810.0,	4145400.0,	2.0,	0.0);	(595820.0,	4145400.0,	2.0,	0.0);
(595830.0,	4145400.0,	2.0,	0.0);	(595840.0,	4145400.0,	2.0,	0.0);
(595850.0,	4145400.0,	2.0,	0.0);	(595860.0,	4145400.0,	2.0,	0.0);
(595870.0,	4145400.0,	2.3,	0.0);	(595880.0,	4145400.0,	2.7,	0.0);
(595890.0,	4145400.0,	3.0,	0.0);	(595900.0,	4145400.0,	3.0,	0.0);
(595910.0,	4145400.0,	3.0,	0.0);	(595920.0,	4145400.0,	3.0,	0.0);
(595930.0,	4145400.0,	3.0,	0.0);	(595940.0,	4145400.0,	3.0,	0.0);
(595950.0,	4145400.0,	3.0,	0.0);	(595960.0,	4145400.0,	3.0,	0.0);
(595970.0,	4145400.0,	3.0,	0.0);	(595980.0,	4145400.0,	3.0,	0.0);
(595990.0,	4145400.0,	3.0,	0.0);	(596000.0,	4145400.0,	3.0,	0.0);
(596010.0,	4145400.0,	3.0,	0.0);	(595430.0,	4145410.0,	3.0,	0.0);
(595440.0,	4145410.0,	3.0,	0.0);	(595450.0,	4145410.0,	3.0,	0.0);
(595460.0,	4145410.0,	3.0,	0.0);	(595470.0,	4145410.0,	3.0,	0.0);
(595480.0,	4145410.0,	2.9,	0.0);	(595490.0,	4145410.0,	2.8,	0.0);
(595500.0,	4145410.0,	2.7,	0.0);	(595510.0,	4145410.0,	2.4,	0.0);
(595520.0,	4145410.0,	2.2,	0.0);	(595530.0,	4145410.0,	2.0,	0.0);
(595540.0,	4145410.0,	2.0,	0.0);	(595550.0,	4145410.0,	2.0,	0.0);
(595760.0,	4145410.0,	2.0,	0.0);	(595770.0,	4145410.0,	2.0,	0.0);
(595780.0,	4145410.0,	2.0,	0.0);	(595790.0,	4145410.0,	2.0,	0.0);
(595800.0,	4145410.0,	2.0,	0.0);	(595810.0,	4145410.0,	2.0,	0.0);
(595820.0,	4145410.0,	2.0,	0.0);	(595830.0,	4145410.0,	2.0,	0.0);
(595840.0,	4145410.0,	2.0,	0.0);	(595850.0,	4145410.0,	2.0,	0.0);
(595860.0,	4145410.0,	2.0,	0.0);	(595870.0,	4145410.0,	2.3,	0.0);
(595880.0,	4145410.0,	2.7,	0.0);	(595890.0,	4145410.0,	3.0,	0.0);
(595900.0,	4145410.0,	3.0,	0.0);	(595910.0,	4145410.0,	3.0,	0.0);
(595920.0,	4145410.0,	3.0,	0.0);	(595930.0,	4145410.0,	3.0,	0.0);
(595940.0,	4145410.0,	3.0,	0.0);	(595950.0,	4145410.0,	3.0,	0.0);
(595960.0,	4145410.0,	3.0,	0.0);	(595970.0,	4145410.0,	3.0,	0.0);
(595980.0,	4145410.0,	3.0,	0.0);	(595990.0,	4145410.0,	3.0,	0.0);

**MODELOPTs: CONC URBAN ELEV DFAULT

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

(596000.0,	4145410.0,	3.0,	0.0);	(596010.0,	4145410.0,	3.0,	0.0);
(595430.0,	4145420.0,	3.0,	0.0);	(595440.0,	4145420.0,	3.0,	0.0);
(595450.0,	4145420.0,	3.0,	0.0);	(595460.0,	4145420.0,	3.0,	0.0);
(595470.0,	4145420.0,	3.0,	0.0);	(595480.0,	4145420.0,	2.8,	0.0);
(595490.0,	4145420.0,	2.6,	0.0);	(595500.0,	4145420.0,	2.3,	0.0);
(595510.0,	4145420.0,	2.2,	0.0);	(595520.0,	4145420.0,	2.1,	0.0);
(595530.0,	4145420.0,	2.0,	0.0);	(595540.0,	4145420.0,	2.0,	0.0);
(595550.0,	4145420.0,	2.0,	0.0);	(595760.0,	4145420.0,	2.0,	0.0);
(595770.0,	4145420.0,	2.0,	0.0);	(595780.0,	4145420.0,	2.0,	0.0);
(595790.0,	4145420.0,	2.0,	0.0);	(595800.0,	4145420.0,	2.0,	0.0);
(595810.0,	4145420.0,	2.0,	0.0);	(595820.0,	4145420.0,	2.0,	0.0);
(595830.0,	4145420.0,	2.0,	0.0);	(595840.0,	4145420.0,	2.0,	0.0);
(595850.0,	4145420.0,	2.0,	0.0);	(595860.0,	4145420.0,	2.0,	0.0);
(595870.0,	4145420.0,	2.3,	0.0);	(595880.0,	4145420.0,	2.7,	0.0);
(595890.0,	4145420.0,	3.0,	0.0);	(595900.0,	4145420.0,	3.0,	0.0);
(595910.0,	4145420.0,	3.0,	0.0);	(595920.0,	4145420.0,	3.0,	0.0);
(595930.0,	4145420.0,	3.0,	0.0);	(595940.0,	4145420.0,	3.0,	0.0);
(595950.0,	4145420.0,	3.0,	0.0);	(595960.0,	4145420.0,	3.0,	0.0);
(595970.0,	4145420.0,	3.0,	0.0);	(595980.0,	4145420.0,	3.0,	0.0);
(595990.0,	4145420.0,	3.0,	0.0);	(596000.0,	4145420.0,	3.0,	0.0);
(596010.0,	4145420.0,	3.0,	0.0);	(595430.0,	4145430.0,	3.0,	0.0);
(595440.0,	4145430.0,	3.0,	0.0);	(595450.0,	4145430.0,	3.0,	0.0);
(595460.0,	4145430.0,	3.0,	0.0);	(595470.0,	4145430.0,	3.0,	0.0);
(595480.0,	4145430.0,	2.7,	0.0);	(595490.0,	4145430.0,	2.3,	0.0);
(595500.0,	4145430.0,	2.0,	0.0);	(595510.0,	4145430.0,	2.0,	0.0);
(595520.0,	4145430.0,	2.0,	0.0);	(595530.0,	4145430.0,	2.0,	0.0);
(595540.0,	4145430.0,	2.0,	0.0);	(595750.0,	4145430.0,	2.0,	0.0);
(595760.0,	4145430.0,	2.0,	0.0);	(595770.0,	4145430.0,	2.0,	0.0);
(595780.0,	4145430.0,	2.0,	0.0);	(595790.0,	4145430.0,	2.0,	0.0);
(595800.0,	4145430.0,	2.0,	0.0);	(595810.0,	4145430.0,	2.0,	0.0);
(595820.0,	4145430.0,	2.0,	0.0);	(595830.0,	4145430.0,	2.0,	0.0);
(595840.0,	4145430.0,	2.0,	0.0);	(595850.0,	4145430.0,	2.0,	0.0);
(595860.0,	4145430.0,	2.0,	0.0);	(595870.0,	4145430.0,	2.3,	0.0);
(595880.0,	4145430.0,	2.7,	0.0);	(595890.0,	4145430.0,	3.0,	0.0);
(595900.0,	4145430.0,	3.0,	0.0);	(595910.0,	4145430.0,	3.0,	0.0);
(595920.0,	4145430.0,	3.0,	0.0);	(595930.0,	4145430.0,	3.0,	0.0);
(595940.0,	4145430.0,	3.0,	0.0);	(595950.0,	4145430.0,	3.0,	0.0);
(595960.0,	4145430.0,	3.0,	0.0);	(595970.0,	4145430.0,	3.0,	0.0);
(595980.0,	4145430.0,	3.0,	0.0);	(595990.0,	4145430.0,	3.0,	0.0);
(596000.0,	4145430.0,	3.0,	0.0);	(596010.0,	4145430.0,	3.0,	0.0);
(595440.0,	4145440.0,	3.0,	0.0);	(595450.0,	4145440.0,	3.0,	0.0);
(595460.0,	4145440.0,	3.0,	0.0);	(595470.0,	4145440.0,	3.0,	0.0);
(595480.0,	4145440.0,	2.7,	0.0);	(595490.0,	4145440.0,	2.3,	0.0);
(595500.0,	4145440.0,	2.0,	0.0);	(595510.0,	4145440.0,	2.0,	0.0);
(595520.0,	4145440.0,	2.0,	0.0);	(595530.0,	4145440.0,	2.0,	0.0);

**MODELOPTs: CONC URBAN ELEV DFAULT

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

(595540.0,	4145440.0,	2.0,	0.0);	(595740.0,	4145440.0,	2.0,	0.0);
(595750.0,	4145440.0,	2.0,	0.0);	(595760.0,	4145440.0,	2.0,	0.0);
(595770.0,	4145440.0,	2.0,	0.0);	(595780.0,	4145440.0,	2.0,	0.0);
(595790.0,	4145440.0,	2.0,	0.0);	(595800.0,	4145440.0,	2.0,	0.0);
(595810.0,	4145440.0,	2.0,	0.0);	(595820.0,	4145440.0,	2.0,	0.0);
(595830.0,	4145440.0,	2.0,	0.0);	(595840.0,	4145440.0,	2.1,	0.0);
(595850.0,	4145440.0,	2.2,	0.0);	(595860.0,	4145440.0,	2.3,	0.0);
(595870.0,	4145440.0,	2.6,	0.0);	(595880.0,	4145440.0,	2.8,	0.0);
(595890.0,	4145440.0,	3.0,	0.0);	(595900.0,	4145440.0,	3.0,	0.0);
(595910.0,	4145440.0,	3.0,	0.0);	(595920.0,	4145440.0,	3.0,	0.0);
(595930.0,	4145440.0,	3.0,	0.0);	(595940.0,	4145440.0,	3.0,	0.0);
(595950.0,	4145440.0,	3.0,	0.0);	(595960.0,	4145440.0,	3.0,	0.0);
(595970.0,	4145440.0,	3.0,	0.0);	(595980.0,	4145440.0,	3.0,	0.0);
(595990.0,	4145440.0,	3.0,	0.0);	(596000.0,	4145440.0,	3.0,	0.0);
(596010.0,	4145440.0,	3.0,	0.0);	(595490.0,	4145450.0,	2.3,	0.0);
(595500.0,	4145450.0,	2.0,	0.0);	(595510.0,	4145450.0,	2.0,	0.0);
(595520.0,	4145450.0,	2.0,	0.0);	(595530.0,	4145450.0,	2.0,	0.0);
(595740.0,	4145450.0,	2.0,	0.0);	(595750.0,	4145450.0,	2.0,	0.0);
(595760.0,	4145450.0,	2.0,	0.0);	(595770.0,	4145450.0,	2.0,	0.0);
(595780.0,	4145450.0,	2.0,	0.0);	(595790.0,	4145450.0,	2.0,	0.0);
(595800.0,	4145450.0,	2.0,	0.0);	(595810.0,	4145450.0,	2.0,	0.0);
(595820.0,	4145450.0,	2.0,	0.0);	(595830.0,	4145450.0,	2.0,	0.0);
(595840.0,	4145450.0,	2.2,	0.0);	(595850.0,	4145450.0,	2.4,	0.0);
(595860.0,	4145450.0,	2.7,	0.0);	(595870.0,	4145450.0,	2.8,	0.0);
(595880.0,	4145450.0,	2.9,	0.0);	(595890.0,	4145450.0,	3.0,	0.0);
(595900.0,	4145450.0,	3.0,	0.0);	(595910.0,	4145450.0,	3.0,	0.0);
(595920.0,	4145450.0,	3.0,	0.0);	(595930.0,	4145450.0,	3.0,	0.0);
(595940.0,	4145450.0,	3.0,	0.0);	(595950.0,	4145450.0,	3.0,	0.0);
(595960.0,	4145450.0,	3.0,	0.0);	(595970.0,	4145450.0,	3.0,	0.0);
(595980.0,	4145450.0,	3.0,	0.0);	(595990.0,	4145450.0,	3.0,	0.0);
(596000.0,	4145450.0,	3.0,	0.0);	(596010.0,	4145450.0,	3.0,	0.0);
(595730.0,	4145460.0,	2.0,	0.0);	(595740.0,	4145460.0,	2.0,	0.0);
(595750.0,	4145460.0,	2.0,	0.0);	(595760.0,	4145460.0,	2.0,	0.0);
(595770.0,	4145460.0,	2.0,	0.0);	(595780.0,	4145460.0,	2.0,	0.0);
(595790.0,	4145460.0,	2.0,	0.0);	(595800.0,	4145460.0,	2.0,	0.0);
(595810.0,	4145460.0,	2.0,	0.0);	(595820.0,	4145460.0,	2.0,	0.0);
(595830.0,	4145460.0,	2.0,	0.0);	(595840.0,	4145460.0,	2.3,	0.0);
(595850.0,	4145460.0,	2.7,	0.0);	(595860.0,	4145460.0,	3.0,	0.0);
(595870.0,	4145460.0,	3.0,	0.0);	(595880.0,	4145460.0,	3.0,	0.0);
(595890.0,	4145460.0,	3.0,	0.0);	(595900.0,	4145460.0,	3.0,	0.0);
(595910.0,	4145460.0,	3.0,	0.0);	(595920.0,	4145460.0,	3.0,	0.0);
(595930.0,	4145460.0,	3.0,	0.0);	(595940.0,	4145460.0,	3.0,	0.0);
(595950.0,	4145460.0,	3.0,	0.0);	(595960.0,	4145460.0,	3.0,	0.0);
(595970.0,	4145460.0,	3.0,	0.0);	(595980.0,	4145460.0,	3.0,	0.0);
(595990.0,	4145460.0,	3.0,	0.0);	(596000.0,	4145460.0,	3.0,	0.0);

**MODELOPTs: CONC URBAN ELEV DFAULT

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

(595730.0,	4145470.0,	2.0,	0.0);	(595740.0,	4145470.0,	2.0,	0.0);
(595750.0,	4145470.0,	2.0,	0.0);	(595760.0,	4145470.0,	2.0,	0.0);
(595770.0,	4145470.0,	2.0,	0.0);	(595780.0,	4145470.0,	2.1,	0.0);
(595790.0,	4145470.0,	2.2,	0.0);	(595800.0,	4145470.0,	2.3,	0.0);
(595810.0,	4145470.0,	2.3,	0.0);	(595820.0,	4145470.0,	2.3,	0.0);
(595830.0,	4145470.0,	2.3,	0.0);	(595840.0,	4145470.0,	2.6,	0.0);
(595850.0,	4145470.0,	2.8,	0.0);	(595860.0,	4145470.0,	3.0,	0.0);
(595870.0,	4145470.0,	3.0,	0.0);	(595880.0,	4145470.0,	3.0,	0.0);
(595890.0,	4145470.0,	3.0,	0.0);	(595900.0,	4145470.0,	3.0,	0.0);
(595910.0,	4145470.0,	3.0,	0.0);	(595920.0,	4145470.0,	3.0,	0.0);
(595930.0,	4145470.0,	3.0,	0.0);	(595940.0,	4145470.0,	3.0,	0.0);
(595950.0,	4145470.0,	3.0,	0.0);	(595960.0,	4145470.0,	3.0,	0.0);
(595970.0,	4145470.0,	3.0,	0.0);	(595980.0,	4145470.0,	3.0,	0.0);
(595990.0,	4145470.0,	3.0,	0.0);	(596000.0,	4145470.0,	3.0,	0.0);
(595720.0,	4145480.0,	2.0,	0.0);	(595730.0,	4145480.0,	2.0,	0.0);
(595740.0,	4145480.0,	2.0,	0.0);	(595750.0,	4145480.0,	2.0,	0.0);
(595760.0,	4145480.0,	2.0,	0.0);	(595770.0,	4145480.0,	2.0,	0.0);
(595780.0,	4145480.0,	2.2,	0.0);	(595790.0,	4145480.0,	2.4,	0.0);
(595800.0,	4145480.0,	2.7,	0.0);	(595810.0,	4145480.0,	2.7,	0.0);
(595820.0,	4145480.0,	2.7,	0.0);	(595830.0,	4145480.0,	2.7,	0.0);
(595840.0,	4145480.0,	2.8,	0.0);	(595850.0,	4145480.0,	2.9,	0.0);
(595860.0,	4145480.0,	3.0,	0.0);	(595870.0,	4145480.0,	3.0,	0.0);
(595880.0,	4145480.0,	3.0,	0.0);	(595890.0,	4145480.0,	3.0,	0.0);
(595900.0,	4145480.0,	3.0,	0.0);	(595910.0,	4145480.0,	3.0,	0.0);
(595920.0,	4145480.0,	3.0,	0.0);	(595930.0,	4145480.0,	3.0,	0.0);
(595940.0,	4145480.0,	3.0,	0.0);	(595950.0,	4145480.0,	3.0,	0.0);
(595960.0,	4145480.0,	3.0,	0.0);	(595970.0,	4145480.0,	3.0,	0.0);
(595980.0,	4145480.0,	3.0,	0.0);	(595990.0,	4145480.0,	3.0,	0.0);
(595720.0,	4145490.0,	2.0,	0.0);	(595730.0,	4145490.0,	2.0,	0.0);
(595740.0,	4145490.0,	2.0,	0.0);	(595750.0,	4145490.0,	2.0,	0.0);
(595760.0,	4145490.0,	2.0,	0.0);	(595770.0,	4145490.0,	2.0,	0.0);
(595780.0,	4145490.0,	2.3,	0.0);	(595790.0,	4145490.0,	2.7,	0.0);
(595800.0,	4145490.0,	3.0,	0.0);	(595810.0,	4145490.0,	3.0,	0.0);
(595820.0,	4145490.0,	3.0,	0.0);	(595830.0,	4145490.0,	3.0,	0.0);
(595840.0,	4145490.0,	3.0,	0.0);	(595850.0,	4145490.0,	3.0,	0.0);
(595860.0,	4145490.0,	3.0,	0.0);	(595870.0,	4145490.0,	3.0,	0.0);
(595880.0,	4145490.0,	3.0,	0.0);	(595890.0,	4145490.0,	3.0,	0.0);
(595900.0,	4145490.0,	3.0,	0.0);	(595910.0,	4145490.0,	3.0,	0.0);
(595920.0,	4145490.0,	3.0,	0.0);	(595930.0,	4145490.0,	3.0,	0.0);
(595940.0,	4145490.0,	3.0,	0.0);	(595950.0,	4145490.0,	3.0,	0.0);
(595960.0,	4145490.0,	3.0,	0.0);	(595970.0,	4145490.0,	3.0,	0.0);
(595980.0,	4145490.0,	3.0,	0.0);	(595710.0,	4145500.0,	2.3,	0.0);
(595720.0,	4145500.0,	2.3,	0.0);	(595730.0,	4145500.0,	2.3,	0.0);
(595740.0,	4145500.0,	2.3,	0.0);	(595750.0,	4145500.0,	2.3,	0.0);
(595760.0,	4145500.0,	2.3,	0.0);	(595770.0,	4145500.0,	2.3,	0.0);

**MODELOPTs: CONC URBAN ELEV DFAULT

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

(595780.0,	4145500.0,	2.6,	0.0);	(595790.0,	4145500.0,	2.8,	0.0);
(595800.0,	4145500.0,	3.0,	0.0);	(595810.0,	4145500.0,	3.0,	0.0);
(595820.0,	4145500.0,	3.0,	0.0);	(595830.0,	4145500.0,	3.0,	0.0);
(595840.0,	4145500.0,	3.0,	0.0);	(595850.0,	4145500.0,	3.0,	0.0);
(595860.0,	4145500.0,	3.0,	0.0);	(595870.0,	4145500.0,	3.0,	0.0);
(595880.0,	4145500.0,	3.0,	0.0);	(595890.0,	4145500.0,	3.0,	0.0);
(595900.0,	4145500.0,	3.0,	0.0);	(595910.0,	4145500.0,	3.0,	0.0);
(595920.0,	4145500.0,	3.0,	0.0);	(595930.0,	4145500.0,	3.0,	0.0);
(595940.0,	4145500.0,	3.0,	0.0);	(595950.0,	4145500.0,	3.0,	0.0);
(595960.0,	4145500.0,	3.0,	0.0);	(595970.0,	4145500.0,	3.0,	0.0);
(595980.0,	4145500.0,	3.0,	0.0);	(595710.0,	4145510.0,	2.7,	0.0);
(595720.0,	4145510.0,	2.7,	0.0);	(595730.0,	4145510.0,	2.7,	0.0);
(595740.0,	4145510.0,	2.7,	0.0);	(595750.0,	4145510.0,	2.7,	0.0);
(595760.0,	4145510.0,	2.7,	0.0);	(595770.0,	4145510.0,	2.7,	0.0);
(595780.0,	4145510.0,	2.8,	0.0);	(595790.0,	4145510.0,	2.9,	0.0);
(595800.0,	4145510.0,	3.0,	0.0);	(595810.0,	4145510.0,	3.0,	0.0);
(595820.0,	4145510.0,	3.0,	0.0);	(595830.0,	4145510.0,	3.0,	0.0);
(595840.0,	4145510.0,	3.0,	0.0);	(595850.0,	4145510.0,	3.0,	0.0);
(595860.0,	4145510.0,	3.0,	0.0);	(595870.0,	4145510.0,	3.0,	0.0);
(595880.0,	4145510.0,	3.0,	0.0);	(595890.0,	4145510.0,	3.0,	0.0);
(595900.0,	4145510.0,	3.0,	0.0);	(595910.0,	4145510.0,	3.0,	0.0);
(595920.0,	4145510.0,	3.0,	0.0);	(595930.0,	4145510.0,	3.0,	0.0);
(595940.0,	4145510.0,	3.0,	0.0);	(595950.0,	4145510.0,	3.0,	0.0);
(595960.0,	4145510.0,	3.0,	0.0);	(595970.0,	4145510.0,	3.0,	0.0);
(595700.0,	4145520.0,	2.7,	0.0);	(595710.0,	4145520.0,	3.0,	0.0);
(595720.0,	4145520.0,	3.0,	0.0);	(595730.0,	4145520.0,	3.0,	0.0);
(595740.0,	4145520.0,	3.0,	0.0);	(595750.0,	4145520.0,	3.0,	0.0);
(595760.0,	4145520.0,	3.0,	0.0);	(595770.0,	4145520.0,	3.0,	0.0);
(595780.0,	4145520.0,	3.0,	0.0);	(595790.0,	4145520.0,	3.0,	0.0);
(595800.0,	4145520.0,	3.0,	0.0);	(595810.0,	4145520.0,	3.0,	0.0);
(595820.0,	4145520.0,	3.0,	0.0);	(595830.0,	4145520.0,	3.0,	0.0);
(595840.0,	4145520.0,	3.0,	0.0);	(595850.0,	4145520.0,	3.0,	0.0);
(595860.0,	4145520.0,	3.0,	0.0);	(595870.0,	4145520.0,	3.0,	0.0);
(595880.0,	4145520.0,	3.0,	0.0);	(595890.0,	4145520.0,	3.0,	0.0);
(595900.0,	4145520.0,	3.0,	0.0);	(595910.0,	4145520.0,	3.0,	0.0);
(595920.0,	4145520.0,	3.0,	0.0);	(595930.0,	4145520.0,	3.0,	0.0);
(595940.0,	4145520.0,	3.0,	0.0);	(595950.0,	4145520.0,	3.0,	0.0);
(595960.0,	4145520.0,	3.0,	0.0);	(595970.0,	4145520.0,	3.0,	0.0);
(595700.0,	4145530.0,	2.7,	0.0);	(595710.0,	4145530.0,	3.0,	0.0);
(595720.0,	4145530.0,	3.0,	0.0);	(595730.0,	4145530.0,	3.0,	0.0);
(595740.0,	4145530.0,	3.0,	0.0);	(595750.0,	4145530.0,	3.0,	0.0);
(595760.0,	4145530.0,	3.0,	0.0);	(595770.0,	4145530.0,	3.0,	0.0);
(595780.0,	4145530.0,	3.0,	0.0);	(595790.0,	4145530.0,	3.0,	0.0);
(595800.0,	4145530.0,	3.0,	0.0);	(595810.0,	4145530.0,	3.0,	0.0);
(595820.0,	4145530.0,	3.0,	0.0);	(595830.0,	4145530.0,	3.0,	0.0);

**MODELOPTs: CONC URBAN ELEV DFAULT

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

(595840.0,	4145530.0,	3.0,	0.0);	(595850.0,	4145530.0,	3.0,	0.0);
(595860.0,	4145530.0,	3.0,	0.0);	(595870.0,	4145530.0,	3.0,	0.0);
(595880.0,	4145530.0,	3.0,	0.0);	(595890.0,	4145530.0,	3.0,	0.0);
(595900.0,	4145530.0,	3.0,	0.0);	(595910.0,	4145530.0,	3.0,	0.0);
(595920.0,	4145530.0,	3.0,	0.0);	(595930.0,	4145530.0,	3.0,	0.0);
(595940.0,	4145530.0,	3.0,	0.0);	(595950.0,	4145530.0,	3.0,	0.0);
(595960.0,	4145530.0,	3.0,	0.0);	(595690.0,	4145540.0,	2.3,	0.0);
(595700.0,	4145540.0,	2.7,	0.0);	(595710.0,	4145540.0,	3.0,	0.0);
(595720.0,	4145540.0,	3.0,	0.0);	(595730.0,	4145540.0,	3.0,	0.0);
(595740.0,	4145540.0,	3.0,	0.0);	(595750.0,	4145540.0,	3.0,	0.0);
(595760.0,	4145540.0,	3.0,	0.0);	(595770.0,	4145540.0,	3.0,	0.0);
(595780.0,	4145540.0,	3.0,	0.0);	(595790.0,	4145540.0,	3.0,	0.0);
(595800.0,	4145540.0,	3.0,	0.0);	(595810.0,	4145540.0,	3.0,	0.0);
(595820.0,	4145540.0,	3.0,	0.0);	(595830.0,	4145540.0,	3.0,	0.0);
(595840.0,	4145540.0,	3.0,	0.0);	(595850.0,	4145540.0,	3.0,	0.0);
(595860.0,	4145540.0,	3.0,	0.0);	(595870.0,	4145540.0,	3.0,	0.0);
(595880.0,	4145540.0,	3.0,	0.0);	(595890.0,	4145540.0,	3.0,	0.0);
(595900.0,	4145540.0,	3.0,	0.0);	(595910.0,	4145540.0,	3.0,	0.0);
(595920.0,	4145540.0,	3.0,	0.0);	(595930.0,	4145540.0,	3.0,	0.0);
(595940.0,	4145540.0,	3.0,	0.0);	(595950.0,	4145540.0,	3.0,	0.0);
(595960.0,	4145540.0,	3.0,	0.0);	(595690.0,	4145550.0,	2.3,	0.0);
(595700.0,	4145550.0,	2.7,	0.0);	(595710.0,	4145550.0,	3.0,	0.0);
(595720.0,	4145550.0,	3.0,	0.0);	(595730.0,	4145550.0,	3.0,	0.0);
(595740.0,	4145550.0,	3.0,	0.0);	(595750.0,	4145550.0,	3.0,	0.0);
(595760.0,	4145550.0,	3.0,	0.0);	(595770.0,	4145550.0,	3.0,	0.0);
(595780.0,	4145550.0,	3.0,	0.0);	(595790.0,	4145550.0,	3.0,	0.0);
(595800.0,	4145550.0,	3.0,	0.0);	(595810.0,	4145550.0,	3.0,	0.0);
(595820.0,	4145550.0,	3.0,	0.0);	(595830.0,	4145550.0,	3.0,	0.0);
(595840.0,	4145550.0,	3.0,	0.0);	(595850.0,	4145550.0,	3.0,	0.0);
(595860.0,	4145550.0,	3.0,	0.0);	(595870.0,	4145550.0,	3.0,	0.0);
(595880.0,	4145550.0,	3.0,	0.0);	(595890.0,	4145550.0,	3.0,	0.0);
(595900.0,	4145550.0,	3.0,	0.0);	(595910.0,	4145550.0,	3.0,	0.0);
(595920.0,	4145550.0,	3.0,	0.0);	(595930.0,	4145550.0,	3.0,	0.0);
(595940.0,	4145550.0,	3.0,	0.0);	(595950.0,	4145550.0,	3.0,	0.0);
(595680.0,	4145560.0,	2.3,	0.0);	(595690.0,	4145560.0,	2.6,	0.0);
(595700.0,	4145560.0,	2.8,	0.0);	(595710.0,	4145560.0,	3.0,	0.0);
(595720.0,	4145560.0,	3.0,	0.0);	(595730.0,	4145560.0,	3.0,	0.0);
(595740.0,	4145560.0,	3.0,	0.0);	(595750.0,	4145560.0,	3.0,	0.0);
(595760.0,	4145560.0,	3.0,	0.0);	(595770.0,	4145560.0,	3.0,	0.0);
(595780.0,	4145560.0,	3.0,	0.0);	(595790.0,	4145560.0,	3.0,	0.0);
(595800.0,	4145560.0,	3.0,	0.0);	(595810.0,	4145560.0,	3.0,	0.0);
(595820.0,	4145560.0,	3.0,	0.0);	(595830.0,	4145560.0,	3.0,	0.0);
(595840.0,	4145560.0,	3.0,	0.0);	(595850.0,	4145560.0,	3.0,	0.0);
(595860.0,	4145560.0,	3.0,	0.0);	(595870.0,	4145560.0,	3.0,	0.0);
(595880.0,	4145560.0,	3.0,	0.0);	(595890.0,	4145560.0,	3.0,	0.0);

**MODELOPTs: CONC URBAN ELEV DFAULT

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

(595900.0,	4145560.0,	3.0,	0.0);	(595910.0,	4145560.0,	3.0,	0.0);
(595920.0,	4145560.0,	3.0,	0.0);	(595930.0,	4145560.0,	3.0,	0.0);
(595940.0,	4145560.0,	3.0,	0.0);	(595950.0,	4145560.0,	3.0,	0.0);
(595680.0,	4145570.0,	2.7,	0.0);	(595690.0,	4145570.0,	2.8,	0.0);
(595700.0,	4145570.0,	2.9,	0.0);	(595710.0,	4145570.0,	3.0,	0.0);
(595720.0,	4145570.0,	3.0,	0.0);	(595730.0,	4145570.0,	3.0,	0.0);
(595740.0,	4145570.0,	3.0,	0.0);	(595750.0,	4145570.0,	3.0,	0.0);
(595760.0,	4145570.0,	3.0,	0.0);	(595770.0,	4145570.0,	3.0,	0.0);
(595780.0,	4145570.0,	3.0,	0.0);	(595790.0,	4145570.0,	3.0,	0.0);
(595800.0,	4145570.0,	3.0,	0.0);	(595810.0,	4145570.0,	3.0,	0.0);
(595820.0,	4145570.0,	3.0,	0.0);	(595830.0,	4145570.0,	3.0,	0.0);
(595840.0,	4145570.0,	3.0,	0.0);	(595850.0,	4145570.0,	3.0,	0.0);
(595860.0,	4145570.0,	3.0,	0.0);	(595870.0,	4145570.0,	3.0,	0.0);
(595880.0,	4145570.0,	3.0,	0.0);	(595890.0,	4145570.0,	3.0,	0.0);
(595900.0,	4145570.0,	3.0,	0.0);	(595910.0,	4145570.0,	3.0,	0.0);
(595920.0,	4145570.0,	3.0,	0.0);	(595930.0,	4145570.0,	3.0,	0.0);
(595940.0,	4145570.0,	3.0,	0.0);	(595670.0,	4145580.0,	3.0,	0.0);
(595680.0,	4145580.0,	3.0,	0.0);	(595690.0,	4145580.0,	3.0,	0.0);
(595700.0,	4145580.0,	3.0,	0.0);	(595710.0,	4145580.0,	3.0,	0.0);
(595720.0,	4145580.0,	3.0,	0.0);	(595730.0,	4145580.0,	3.0,	0.0);
(595740.0,	4145580.0,	3.0,	0.0);	(595750.0,	4145580.0,	3.0,	0.0);
(595760.0,	4145580.0,	3.0,	0.0);	(595770.0,	4145580.0,	3.0,	0.0);
(595780.0,	4145580.0,	3.0,	0.0);	(595790.0,	4145580.0,	3.0,	0.0);
(595800.0,	4145580.0,	3.0,	0.0);	(595810.0,	4145580.0,	3.0,	0.0);
(595820.0,	4145580.0,	3.0,	0.0);	(595830.0,	4145580.0,	3.0,	0.0);
(595840.0,	4145580.0,	3.0,	0.0);	(595850.0,	4145580.0,	3.0,	0.0);
(595860.0,	4145580.0,	3.0,	0.0);	(595870.0,	4145580.0,	3.0,	0.0);
(595880.0,	4145580.0,	3.0,	0.0);	(595890.0,	4145580.0,	3.0,	0.0);
(595900.0,	4145580.0,	3.0,	0.0);	(595910.0,	4145580.0,	3.0,	0.0);
(595920.0,	4145580.0,	3.0,	0.0);	(595930.0,	4145580.0,	3.0,	0.0);
(595940.0,	4145580.0,	3.0,	0.0);	(595670.0,	4145590.0,	2.9,	0.0);
(595680.0,	4145590.0,	3.0,	0.0);	(595690.0,	4145590.0,	3.0,	0.0);
(595700.0,	4145590.0,	3.0,	0.0);	(595710.0,	4145590.0,	3.0,	0.0);
(595720.0,	4145590.0,	3.0,	0.0);	(595730.0,	4145590.0,	3.0,	0.0);
(595740.0,	4145590.0,	3.0,	0.0);	(595750.0,	4145590.0,	3.0,	0.0);
(595760.0,	4145590.0,	3.0,	0.0);	(595770.0,	4145590.0,	3.0,	0.0);
(595780.0,	4145590.0,	3.0,	0.0);	(595790.0,	4145590.0,	3.0,	0.0);
(595800.0,	4145590.0,	3.0,	0.0);	(595810.0,	4145590.0,	3.0,	0.0);
(595820.0,	4145590.0,	3.0,	0.0);	(595830.0,	4145590.0,	3.0,	0.0);
(595840.0,	4145590.0,	3.0,	0.0);	(595850.0,	4145590.0,	3.0,	0.0);
(595860.0,	4145590.0,	3.0,	0.0);	(595870.0,	4145590.0,	3.0,	0.0);
(595880.0,	4145590.0,	3.0,	0.0);	(595890.0,	4145590.0,	3.0,	0.0);
(595900.0,	4145590.0,	3.0,	0.0);	(595910.0,	4145590.0,	3.0,	0.0);
(595920.0,	4145590.0,	3.0,	0.0);	(595930.0,	4145590.0,	3.0,	0.0);
(595660.0,	4145600.0,	2.6,	0.0);	(595670.0,	4145600.0,	2.8,	0.0);

**MODELOPTs: CONC URBAN ELEV DFAULT

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

(595680.0,	4145600.0,	3.0,	0.0);	(595690.0,	4145600.0,	3.0,	0.0);
(595700.0,	4145600.0,	3.0,	0.0);	(595710.0,	4145600.0,	3.0,	0.0);
(595720.0,	4145600.0,	3.0,	0.0);	(595730.0,	4145600.0,	3.0,	0.0);
(595740.0,	4145600.0,	3.0,	0.0);	(595750.0,	4145600.0,	3.0,	0.0);
(595760.0,	4145600.0,	3.0,	0.0);	(595770.0,	4145600.0,	3.0,	0.0);
(595780.0,	4145600.0,	3.0,	0.0);	(595790.0,	4145600.0,	3.0,	0.0);
(595800.0,	4145600.0,	3.0,	0.0);	(595810.0,	4145600.0,	3.0,	0.0);
(595820.0,	4145600.0,	3.0,	0.0);	(595830.0,	4145600.0,	3.0,	0.0);
(595840.0,	4145600.0,	3.0,	0.0);	(595850.0,	4145600.0,	3.0,	0.0);
(595860.0,	4145600.0,	3.0,	0.0);	(595870.0,	4145600.0,	3.0,	0.0);
(595880.0,	4145600.0,	3.0,	0.0);	(595890.0,	4145600.0,	3.0,	0.0);
(595900.0,	4145600.0,	3.0,	0.0);	(595910.0,	4145600.0,	3.0,	0.0);
(595920.0,	4145600.0,	3.0,	0.0);	(595930.0,	4145600.0,	3.0,	0.0);
(595650.0,	4145610.0,	2.0,	0.0);	(595660.0,	4145610.0,	2.3,	0.0);
(595670.0,	4145610.0,	2.7,	0.0);	(595680.0,	4145610.0,	3.0,	0.0);
(595690.0,	4145610.0,	3.0,	0.0);	(595700.0,	4145610.0,	3.0,	0.0);
(595710.0,	4145610.0,	3.0,	0.0);	(595720.0,	4145610.0,	3.0,	0.0);
(595730.0,	4145610.0,	3.0,	0.0);	(595740.0,	4145610.0,	3.0,	0.0);
(595750.0,	4145610.0,	3.0,	0.0);	(595760.0,	4145610.0,	3.0,	0.0);
(595770.0,	4145610.0,	3.0,	0.0);	(595780.0,	4145610.0,	3.0,	0.0);
(595790.0,	4145610.0,	3.0,	0.0);	(595800.0,	4145610.0,	3.0,	0.0);
(595810.0,	4145610.0,	3.0,	0.0);	(595820.0,	4145610.0,	3.0,	0.0);
(595830.0,	4145610.0,	3.0,	0.0);	(595840.0,	4145610.0,	3.0,	0.0);
(595850.0,	4145610.0,	3.0,	0.0);	(595860.0,	4145610.0,	3.0,	0.0);
(595870.0,	4145610.0,	3.0,	0.0);	(595880.0,	4145610.0,	3.0,	0.0);
(595890.0,	4145610.0,	3.0,	0.0);	(595900.0,	4145610.0,	3.0,	0.0);
(595910.0,	4145610.0,	3.0,	0.0);	(595920.0,	4145610.0,	3.0,	0.0);
(595650.0,	4145620.0,	2.0,	0.0);	(595660.0,	4145620.0,	2.3,	0.0);
(595670.0,	4145620.0,	2.7,	0.0);	(595680.0,	4145620.0,	3.0,	0.0);
(595690.0,	4145620.0,	3.0,	0.0);	(595700.0,	4145620.0,	3.0,	0.0);
(595710.0,	4145620.0,	3.0,	0.0);	(595720.0,	4145620.0,	3.0,	0.0);
(595730.0,	4145620.0,	3.0,	0.0);	(595740.0,	4145620.0,	3.0,	0.0);
(595750.0,	4145620.0,	3.0,	0.0);	(595760.0,	4145620.0,	3.0,	0.0);
(595770.0,	4145620.0,	3.0,	0.0);	(595780.0,	4145620.0,	3.0,	0.0);
(595790.0,	4145620.0,	3.0,	0.0);	(595800.0,	4145620.0,	3.0,	0.0);
(595810.0,	4145620.0,	3.0,	0.0);	(595820.0,	4145620.0,	3.0,	0.0);
(595830.0,	4145620.0,	3.0,	0.0);	(595840.0,	4145620.0,	3.0,	0.0);
(595850.0,	4145620.0,	3.0,	0.0);	(595860.0,	4145620.0,	3.0,	0.0);
(595870.0,	4145620.0,	3.0,	0.0);	(595880.0,	4145620.0,	3.0,	0.0);
(595890.0,	4145620.0,	3.0,	0.0);	(595900.0,	4145620.0,	3.0,	0.0);
(595910.0,	4145620.0,	3.0,	0.0);	(595920.0,	4145620.0,	3.0,	0.0);
(595640.0,	4145630.0,	2.0,	0.0);	(595650.0,	4145630.0,	2.0,	0.0);
(595660.0,	4145630.0,	2.3,	0.0);	(595670.0,	4145630.0,	2.7,	0.0);
(595680.0,	4145630.0,	3.0,	0.0);	(595690.0,	4145630.0,	3.0,	0.0);
(595700.0,	4145630.0,	3.0,	0.0);	(595710.0,	4145630.0,	3.0,	0.0);

**MODELOPTs: CONC URBAN ELEV DFAULT

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

(595720.0,	4145630.0,	3.0,	0.0);	(595730.0,	4145630.0,	3.0,	0.0);
(595740.0,	4145630.0,	3.0,	0.0);	(595750.0,	4145630.0,	3.0,	0.0);
(595760.0,	4145630.0,	3.0,	0.0);	(595770.0,	4145630.0,	3.0,	0.0);
(595780.0,	4145630.0,	3.0,	0.0);	(595790.0,	4145630.0,	3.0,	0.0);
(595800.0,	4145630.0,	3.0,	0.0);	(595810.0,	4145630.0,	3.0,	0.0);
(595820.0,	4145630.0,	3.0,	0.0);	(595830.0,	4145630.0,	3.0,	0.0);
(595840.0,	4145630.0,	3.0,	0.0);	(595850.0,	4145630.0,	3.0,	0.0);
(595860.0,	4145630.0,	3.0,	0.0);	(595870.0,	4145630.0,	3.0,	0.0);
(595880.0,	4145630.0,	3.0,	0.0);	(595890.0,	4145630.0,	3.0,	0.0);
(595900.0,	4145630.0,	3.0,	0.0);	(595910.0,	4145630.0,	3.0,	0.0);
(595640.0,	4145640.0,	2.0,	0.0);	(595650.0,	4145640.0,	2.0,	0.0);
(595660.0,	4145640.0,	2.3,	0.0);	(595670.0,	4145640.0,	2.7,	0.0);
(595680.0,	4145640.0,	3.0,	0.0);	(595690.0,	4145640.0,	3.0,	0.0);
(595700.0,	4145640.0,	3.0,	0.0);	(595710.0,	4145640.0,	3.0,	0.0);
(595720.0,	4145640.0,	3.0,	0.0);	(595730.0,	4145640.0,	3.0,	0.0);
(595740.0,	4145640.0,	3.0,	0.0);	(595750.0,	4145640.0,	3.0,	0.0);
(595760.0,	4145640.0,	3.0,	0.0);	(595770.0,	4145640.0,	3.0,	0.0);
(595780.0,	4145640.0,	3.0,	0.0);	(595790.0,	4145640.0,	3.0,	0.0);
(595800.0,	4145640.0,	3.0,	0.0);	(595810.0,	4145640.0,	3.0,	0.0);
(595820.0,	4145640.0,	3.0,	0.0);	(595830.0,	4145640.0,	3.0,	0.0);
(595840.0,	4145640.0,	3.0,	0.0);	(595850.0,	4145640.0,	3.0,	0.0);
(595860.0,	4145640.0,	3.0,	0.0);	(595870.0,	4145640.0,	3.0,	0.0);
(595880.0,	4145640.0,	3.0,	0.0);	(595890.0,	4145640.0,	3.0,	0.0);
(595900.0,	4145640.0,	3.0,	0.0);	(595910.0,	4145640.0,	3.0,	0.0);
(595630.0,	4145650.0,	2.0,	0.0);	(595640.0,	4145650.0,	2.0,	0.0);
(595650.0,	4145650.0,	2.0,	0.0);	(595660.0,	4145650.0,	2.2,	0.0);
(595670.0,	4145650.0,	2.4,	0.0);	(595680.0,	4145650.0,	2.7,	0.0);
(595690.0,	4145650.0,	2.7,	0.0);	(595700.0,	4145650.0,	2.7,	0.0);
(595710.0,	4145650.0,	2.7,	0.0);	(595720.0,	4145650.0,	2.8,	0.0);
(595730.0,	4145650.0,	2.9,	0.0);	(595740.0,	4145650.0,	3.0,	0.0);
(595750.0,	4145650.0,	3.0,	0.0);	(595760.0,	4145650.0,	3.0,	0.0);
(595770.0,	4145650.0,	3.0,	0.0);	(595780.0,	4145650.0,	3.0,	0.0);
(595790.0,	4145650.0,	3.0,	0.0);	(595800.0,	4145650.0,	3.0,	0.0);
(595810.0,	4145650.0,	3.0,	0.0);	(595820.0,	4145650.0,	3.0,	0.0);
(595830.0,	4145650.0,	3.0,	0.0);	(595840.0,	4145650.0,	3.0,	0.0);
(595850.0,	4145650.0,	3.0,	0.0);	(595860.0,	4145650.0,	3.0,	0.0);
(595870.0,	4145650.0,	3.0,	0.0);	(595880.0,	4145650.0,	3.0,	0.0);
(595890.0,	4145650.0,	3.0,	0.0);	(595900.0,	4145650.0,	3.0,	0.0);
(595630.0,	4145660.0,	2.0,	0.0);	(595640.0,	4145660.0,	2.0,	0.0);
(595650.0,	4145660.0,	2.0,	0.0);	(595660.0,	4145660.0,	2.1,	0.0);
(595670.0,	4145660.0,	2.2,	0.0);	(595680.0,	4145660.0,	2.3,	0.0);
(595690.0,	4145660.0,	2.3,	0.0);	(595700.0,	4145660.0,	2.3,	0.0);
(595710.0,	4145660.0,	2.3,	0.0);	(595720.0,	4145660.0,	2.6,	0.0);
(595730.0,	4145660.0,	2.8,	0.0);	(595740.0,	4145660.0,	3.0,	0.0);
(595750.0,	4145660.0,	3.0,	0.0);	(595760.0,	4145660.0,	3.0,	0.0);

**MODELOPTs: CONC URBAN ELEV DFAULT

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

(595770.0,	4145660.0,	3.0,	0.0);	(595780.0,	4145660.0,	3.0,	0.0);
(595790.0,	4145660.0,	3.0,	0.0);	(595800.0,	4145660.0,	3.0,	0.0);
(595810.0,	4145660.0,	3.0,	0.0);	(595820.0,	4145660.0,	3.0,	0.0);
(595830.0,	4145660.0,	3.0,	0.0);	(595840.0,	4145660.0,	3.0,	0.0);
(595850.0,	4145660.0,	3.0,	0.0);	(595860.0,	4145660.0,	3.0,	0.0);
(595870.0,	4145660.0,	3.0,	0.0);	(595880.0,	4145660.0,	3.0,	0.0);
(595890.0,	4145660.0,	3.0,	0.0);	(595900.0,	4145660.0,	3.0,	0.0);
(595620.0,	4145670.0,	2.0,	0.0);	(595630.0,	4145670.0,	2.0,	0.0);
(595640.0,	4145670.0,	2.0,	0.0);	(595650.0,	4145670.0,	2.0,	0.0);
(595660.0,	4145670.0,	2.0,	0.0);	(595670.0,	4145670.0,	2.0,	0.0);
(595680.0,	4145670.0,	2.0,	0.0);	(595690.0,	4145670.0,	2.0,	0.0);
(595700.0,	4145670.0,	2.0,	0.0);	(595710.0,	4145670.0,	2.0,	0.0);
(595720.0,	4145670.0,	2.3,	0.0);	(595730.0,	4145670.0,	2.7,	0.0);
(595740.0,	4145670.0,	3.0,	0.0);	(595750.0,	4145670.0,	3.0,	0.0);
(595760.0,	4145670.0,	3.0,	0.0);	(595770.0,	4145670.0,	3.0,	0.0);
(595780.0,	4145670.0,	3.0,	0.0);	(595790.0,	4145670.0,	3.0,	0.0);
(595800.0,	4145670.0,	3.0,	0.0);	(595810.0,	4145670.0,	3.0,	0.0);
(595820.0,	4145670.0,	3.0,	0.0);	(595830.0,	4145670.0,	3.0,	0.0);
(595840.0,	4145670.0,	3.0,	0.0);	(595850.0,	4145670.0,	3.0,	0.0);
(595860.0,	4145670.0,	3.0,	0.0);	(595870.0,	4145670.0,	3.0,	0.0);
(595880.0,	4145670.0,	3.0,	0.0);	(595890.0,	4145670.0,	3.0,	0.0);
(595620.0,	4145680.0,	2.0,	0.0);	(595630.0,	4145680.0,	2.0,	0.0);
(595640.0,	4145680.0,	2.0,	0.0);	(595650.0,	4145680.0,	2.0,	0.0);
(595660.0,	4145680.0,	2.0,	0.0);	(595670.0,	4145680.0,	2.0,	0.0);
(595680.0,	4145680.0,	2.0,	0.0);	(595690.0,	4145680.0,	2.1,	0.0);
(595700.0,	4145680.0,	2.2,	0.0);	(595710.0,	4145680.0,	2.3,	0.0);
(595720.0,	4145680.0,	2.6,	0.0);	(595730.0,	4145680.0,	2.8,	0.0);
(595740.0,	4145680.0,	3.0,	0.0);	(595750.0,	4145680.0,	3.0,	0.0);
(595760.0,	4145680.0,	3.0,	0.0);	(595770.0,	4145680.0,	3.0,	0.0);
(595780.0,	4145680.0,	3.0,	0.0);	(595790.0,	4145680.0,	3.0,	0.0);
(595800.0,	4145680.0,	3.0,	0.0);	(595810.0,	4145680.0,	3.0,	0.0);
(595820.0,	4145680.0,	3.0,	0.0);	(595830.0,	4145680.0,	3.0,	0.0);
(595840.0,	4145680.0,	3.0,	0.0);	(595850.0,	4145680.0,	3.0,	0.0);
(595860.0,	4145680.0,	3.0,	0.0);	(595870.0,	4145680.0,	3.0,	0.0);
(595880.0,	4145680.0,	3.0,	0.0);	(595610.0,	4145690.0,	2.0,	0.0);
(595620.0,	4145690.0,	2.0,	0.0);	(595630.0,	4145690.0,	2.0,	0.0);
(595640.0,	4145690.0,	2.0,	0.0);	(595650.0,	4145690.0,	2.0,	0.0);
(595660.0,	4145690.0,	2.0,	0.0);	(595670.0,	4145690.0,	2.0,	0.0);
(595680.0,	4145690.0,	2.0,	0.0);	(595690.0,	4145690.0,	2.2,	0.0);
(595700.0,	4145690.0,	2.4,	0.0);	(595710.0,	4145690.0,	2.7,	0.0);
(595720.0,	4145690.0,	2.8,	0.0);	(595730.0,	4145690.0,	2.9,	0.0);
(595740.0,	4145690.0,	3.0,	0.0);	(595750.0,	4145690.0,	3.0,	0.0);
(595760.0,	4145690.0,	3.0,	0.0);	(595770.0,	4145690.0,	3.0,	0.0);
(595780.0,	4145690.0,	3.0,	0.0);	(595790.0,	4145690.0,	3.0,	0.0);
(595800.0,	4145690.0,	3.0,	0.0);	(595810.0,	4145690.0,	3.0,	0.0);

**MODELOPTs: CONC URBAN ELEV DFAULT

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

(595820.0,	4145690.0,	3.0,	0.0);	(595830.0,	4145690.0,	3.0,	0.0);
(595840.0,	4145690.0,	3.0,	0.0);	(595850.0,	4145690.0,	3.0,	0.0);
(595860.0,	4145690.0,	3.0,	0.0);	(595870.0,	4145690.0,	3.0,	0.0);
(595880.0,	4145690.0,	3.0,	0.0);	(595610.0,	4145700.0,	2.0,	0.0);
(595620.0,	4145700.0,	2.0,	0.0);	(595630.0,	4145700.0,	2.0,	0.0);
(595640.0,	4145700.0,	2.0,	0.0);	(595650.0,	4145700.0,	2.0,	0.0);
(595660.0,	4145700.0,	2.0,	0.0);	(595670.0,	4145700.0,	2.0,	0.0);
(595680.0,	4145700.0,	2.0,	0.0);	(595690.0,	4145700.0,	2.3,	0.0);
(595700.0,	4145700.0,	2.7,	0.0);	(595710.0,	4145700.0,	3.0,	0.0);
(595720.0,	4145700.0,	3.0,	0.0);	(595730.0,	4145700.0,	3.0,	0.0);
(595740.0,	4145700.0,	3.0,	0.0);	(595750.0,	4145700.0,	3.0,	0.0);
(595760.0,	4145700.0,	3.0,	0.0);	(595770.0,	4145700.0,	3.0,	0.0);
(595780.0,	4145700.0,	3.0,	0.0);	(595790.0,	4145700.0,	3.0,	0.0);
(595800.0,	4145700.0,	3.0,	0.0);	(595810.0,	4145700.0,	3.0,	0.0);
(595820.0,	4145700.0,	3.0,	0.0);	(595830.0,	4145700.0,	3.0,	0.0);
(595840.0,	4145700.0,	3.0,	0.0);	(595850.0,	4145700.0,	3.0,	0.0);
(595860.0,	4145700.0,	3.0,	0.0);	(595870.0,	4145700.0,	3.0,	0.0);
(595600.0,	4145710.0,	2.0,	0.0);	(595610.0,	4145710.0,	2.0,	0.0);
(595620.0,	4145710.0,	2.0,	0.0);	(595630.0,	4145710.0,	2.0,	0.0);
(595640.0,	4145710.0,	2.0,	0.0);	(595650.0,	4145710.0,	2.0,	0.0);
(595660.0,	4145710.0,	2.0,	0.0);	(595670.0,	4145710.0,	2.0,	0.0);
(595680.0,	4145710.0,	2.0,	0.0);	(595690.0,	4145710.0,	2.3,	0.0);
(595700.0,	4145710.0,	2.7,	0.0);	(595710.0,	4145710.0,	3.0,	0.0);
(595720.0,	4145710.0,	3.0,	0.0);	(595730.0,	4145710.0,	3.0,	0.0);
(595740.0,	4145710.0,	3.0,	0.0);	(595750.0,	4145710.0,	3.0,	0.0);
(595760.0,	4145710.0,	3.0,	0.0);	(595770.0,	4145710.0,	3.0,	0.0);
(595780.0,	4145710.0,	3.0,	0.0);	(595790.0,	4145710.0,	3.0,	0.0);
(595800.0,	4145710.0,	3.0,	0.0);	(595810.0,	4145710.0,	3.0,	0.0);
(595820.0,	4145710.0,	3.0,	0.0);	(595830.0,	4145710.0,	3.0,	0.0);
(595840.0,	4145710.0,	3.0,	0.0);	(595850.0,	4145710.0,	3.0,	0.0);
(595860.0,	4145710.0,	3.0,	0.0);	(595870.0,	4145710.0,	3.0,	0.0);
(595590.0,	4145720.0,	2.0,	0.0);	(595600.0,	4145720.0,	2.0,	0.0);
(595610.0,	4145720.0,	2.0,	0.0);	(595620.0,	4145720.0,	2.0,	0.0);
(595630.0,	4145720.0,	2.0,	0.0);	(595640.0,	4145720.0,	2.0,	0.0);
(595650.0,	4145720.0,	2.0,	0.0);	(595660.0,	4145720.0,	2.0,	0.0);
(595670.0,	4145720.0,	2.0,	0.0);	(595680.0,	4145720.0,	2.0,	0.0);
(595690.0,	4145720.0,	2.3,	0.0);	(595700.0,	4145720.0,	2.7,	0.0);
(595710.0,	4145720.0,	3.0,	0.0);	(595720.0,	4145720.0,	3.0,	0.0);
(595730.0,	4145720.0,	3.0,	0.0);	(595740.0,	4145720.0,	3.0,	0.0);
(595750.0,	4145720.0,	3.0,	0.0);	(595760.0,	4145720.0,	3.0,	0.0);
(595770.0,	4145720.0,	3.0,	0.0);	(595780.0,	4145720.0,	3.0,	0.0);
(595790.0,	4145720.0,	3.0,	0.0);	(595800.0,	4145720.0,	3.0,	0.0);
(595810.0,	4145720.0,	3.0,	0.0);	(595820.0,	4145720.0,	3.0,	0.0);
(595830.0,	4145720.0,	3.0,	0.0);	(595840.0,	4145720.0,	3.0,	0.0);
(595850.0,	4145720.0,	3.0,	0.0);	(595860.0,	4145720.0,	3.0,	0.0);

**MODELOPTs: CONC URBAN ELEV DFAULT

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

(595580.0,	4145730.0,	2.0,	0.0);	(595590.0,	4145730.0,	2.0,	0.0);
(595600.0,	4145730.0,	2.0,	0.0);	(595610.0,	4145730.0,	2.0,	0.0);
(595620.0,	4145730.0,	2.0,	0.0);	(595630.0,	4145730.0,	2.0,	0.0);
(595640.0,	4145730.0,	2.0,	0.0);	(595650.0,	4145730.0,	2.0,	0.0);
(595660.0,	4145730.0,	2.0,	0.0);	(595670.0,	4145730.0,	2.0,	0.0);
(595680.0,	4145730.0,	2.0,	0.0);	(595690.0,	4145730.0,	2.3,	0.0);
(595700.0,	4145730.0,	2.7,	0.0);	(595710.0,	4145730.0,	3.0,	0.0);
(595720.0,	4145730.0,	3.0,	0.0);	(595730.0,	4145730.0,	3.0,	0.0);
(595740.0,	4145730.0,	3.0,	0.0);	(595750.0,	4145730.0,	3.0,	0.0);
(595760.0,	4145730.0,	3.0,	0.0);	(595770.0,	4145730.0,	3.0,	0.0);
(595780.0,	4145730.0,	3.0,	0.0);	(595790.0,	4145730.0,	3.0,	0.0);
(595800.0,	4145730.0,	3.0,	0.0);	(595810.0,	4145730.0,	3.0,	0.0);
(595820.0,	4145730.0,	3.0,	0.0);	(595830.0,	4145730.0,	3.0,	0.0);
(595840.0,	4145730.0,	3.0,	0.0);	(595850.0,	4145730.0,	3.0,	0.0);
(595860.0,	4145730.0,	3.0,	0.0);	(595570.0,	4145740.0,	2.0,	0.0);
(595580.0,	4145740.0,	2.0,	0.0);	(595590.0,	4145740.0,	2.0,	0.0);
(595600.0,	4145740.0,	2.0,	0.0);	(595610.0,	4145740.0,	2.0,	0.0);
(595620.0,	4145740.0,	2.0,	0.0);	(595630.0,	4145740.0,	2.0,	0.0);
(595640.0,	4145740.0,	2.0,	0.0);	(595650.0,	4145740.0,	2.0,	0.0);
(595660.0,	4145740.0,	2.0,	0.0);	(595670.0,	4145740.0,	2.0,	0.0);
(595680.0,	4145740.0,	2.0,	0.0);	(595690.0,	4145740.0,	2.2,	0.0);
(595700.0,	4145740.0,	2.4,	0.0);	(595710.0,	4145740.0,	2.7,	0.0);
(595720.0,	4145740.0,	2.7,	0.0);	(595730.0,	4145740.0,	2.7,	0.0);
(595740.0,	4145740.0,	2.7,	0.0);	(595750.0,	4145740.0,	2.8,	0.0);
(595760.0,	4145740.0,	2.9,	0.0);	(595770.0,	4145740.0,	3.0,	0.0);
(595780.0,	4145740.0,	3.0,	0.0);	(595790.0,	4145740.0,	3.0,	0.0);
(595800.0,	4145740.0,	3.0,	0.0);	(595810.0,	4145740.0,	3.0,	0.0);
(595820.0,	4145740.0,	3.0,	0.0);	(595830.0,	4145740.0,	3.0,	0.0);
(595840.0,	4145740.0,	3.0,	0.0);	(595850.0,	4145740.0,	3.0,	0.0);
(595560.0,	4145750.0,	2.0,	0.0);	(595570.0,	4145750.0,	2.0,	0.0);
(595580.0,	4145750.0,	2.0,	0.0);	(595590.0,	4145750.0,	2.0,	0.0);
(595600.0,	4145750.0,	2.0,	0.0);	(595610.0,	4145750.0,	2.0,	0.0);
(595620.0,	4145750.0,	2.0,	0.0);	(595630.0,	4145750.0,	2.0,	0.0);
(595640.0,	4145750.0,	2.0,	0.0);	(595650.0,	4145750.0,	2.0,	0.0);
(595660.0,	4145750.0,	2.0,	0.0);	(595670.0,	4145750.0,	2.0,	0.0);
(595680.0,	4145750.0,	2.0,	0.0);	(595690.0,	4145750.0,	2.1,	0.0);
(595700.0,	4145750.0,	2.2,	0.0);	(595710.0,	4145750.0,	2.3,	0.0);
(595720.0,	4145750.0,	2.3,	0.0);	(595730.0,	4145750.0,	2.3,	0.0);
(595740.0,	4145750.0,	2.3,	0.0);	(595750.0,	4145750.0,	2.6,	0.0);
(595760.0,	4145750.0,	2.8,	0.0);	(595770.0,	4145750.0,	3.0,	0.0);
(595780.0,	4145750.0,	3.0,	0.0);	(595790.0,	4145750.0,	3.0,	0.0);
(595800.0,	4145750.0,	3.0,	0.0);	(595810.0,	4145750.0,	3.0,	0.0);
(595820.0,	4145750.0,	3.0,	0.0);	(595830.0,	4145750.0,	3.0,	0.0);
(595840.0,	4145750.0,	3.0,	0.0);	(595850.0,	4145750.0,	3.0,	0.0);
(595540.0,	4145760.0,	2.0,	0.0);	(595550.0,	4145760.0,	2.0,	0.0);

**MODELOPTs: CONC URBAN ELEV DFAULT

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

(595560.0,	4145760.0,	2.0,	0.0);	(595570.0,	4145760.0,	2.0,	0.0);
(595580.0,	4145760.0,	2.0,	0.0);	(595590.0,	4145760.0,	2.0,	0.0);
(595600.0,	4145760.0,	2.0,	0.0);	(595610.0,	4145760.0,	2.0,	0.0);
(595620.0,	4145760.0,	2.0,	0.0);	(595630.0,	4145760.0,	2.0,	0.0);
(595640.0,	4145760.0,	2.0,	0.0);	(595650.0,	4145760.0,	2.0,	0.0);
(595660.0,	4145760.0,	2.0,	0.0);	(595670.0,	4145760.0,	2.0,	0.0);
(595680.0,	4145760.0,	2.0,	0.0);	(595690.0,	4145760.0,	2.0,	0.0);
(595700.0,	4145760.0,	2.0,	0.0);	(595710.0,	4145760.0,	2.0,	0.0);
(595720.0,	4145760.0,	2.0,	0.0);	(595730.0,	4145760.0,	2.0,	0.0);
(595740.0,	4145760.0,	2.0,	0.0);	(595750.0,	4145760.0,	2.3,	0.0);
(595760.0,	4145760.0,	2.7,	0.0);	(595770.0,	4145760.0,	3.0,	0.0);
(595780.0,	4145760.0,	3.0,	0.0);	(595790.0,	4145760.0,	3.0,	0.0);
(595800.0,	4145760.0,	3.0,	0.0);	(595810.0,	4145760.0,	3.0,	0.0);
(595820.0,	4145760.0,	3.0,	0.0);	(595830.0,	4145760.0,	3.0,	0.0);
(595840.0,	4145760.0,	3.0,	0.0);	(595510.0,	4145770.0,	2.0,	0.0);
(595520.0,	4145770.0,	2.0,	0.0);	(595530.0,	4145770.0,	2.0,	0.0);
(595540.0,	4145770.0,	2.0,	0.0);	(595550.0,	4145770.0,	2.0,	0.0);
(595560.0,	4145770.0,	2.0,	0.0);	(595570.0,	4145770.0,	2.0,	0.0);
(595580.0,	4145770.0,	2.0,	0.0);	(595590.0,	4145770.0,	2.0,	0.0);
(595600.0,	4145770.0,	2.0,	0.0);	(595610.0,	4145770.0,	2.0,	0.0);
(595620.0,	4145770.0,	2.0,	0.0);	(595630.0,	4145770.0,	2.0,	0.0);
(595640.0,	4145770.0,	2.0,	0.0);	(595650.0,	4145770.0,	2.0,	0.0);
(595660.0,	4145770.0,	2.0,	0.0);	(595670.0,	4145770.0,	2.0,	0.0);
(595680.0,	4145770.0,	2.0,	0.0);	(595690.0,	4145770.0,	2.0,	0.0);
(595700.0,	4145770.0,	2.0,	0.0);	(595710.0,	4145770.0,	2.0,	0.0);
(595720.0,	4145770.0,	2.0,	0.0);	(595730.0,	4145770.0,	2.0,	0.0);
(595740.0,	4145770.0,	2.0,	0.0);	(595750.0,	4145770.0,	2.3,	0.0);
(595760.0,	4145770.0,	2.7,	0.0);	(595770.0,	4145770.0,	3.0,	0.0);
(595780.0,	4145770.0,	3.0,	0.0);	(595790.0,	4145770.0,	3.0,	0.0);
(595800.0,	4145770.0,	3.0,	0.0);	(595810.0,	4145770.0,	3.0,	0.0);
(595820.0,	4145770.0,	3.0,	0.0);	(595830.0,	4145770.0,	3.0,	0.0);
(595840.0,	4145770.0,	3.0,	0.0);	(595470.0,	4145780.0,	2.0,	0.0);
(595480.0,	4145780.0,	2.0,	0.0);	(595490.0,	4145780.0,	2.0,	0.0);
(595500.0,	4145780.0,	2.0,	0.0);	(595510.0,	4145780.0,	2.0,	0.0);
(595520.0,	4145780.0,	2.0,	0.0);	(595530.0,	4145780.0,	2.0,	0.0);
(595540.0,	4145780.0,	2.0,	0.0);	(595550.0,	4145780.0,	2.0,	0.0);
(595560.0,	4145780.0,	2.0,	0.0);	(595570.0,	4145780.0,	2.0,	0.0);
(595580.0,	4145780.0,	2.0,	0.0);	(595590.0,	4145780.0,	2.0,	0.0);
(595600.0,	4145780.0,	2.0,	0.0);	(595610.0,	4145780.0,	2.0,	0.0);
(595620.0,	4145780.0,	2.0,	0.0);	(595630.0,	4145780.0,	2.0,	0.0);
(595640.0,	4145780.0,	2.0,	0.0);	(595650.0,	4145780.0,	2.0,	0.0);
(595660.0,	4145780.0,	2.0,	0.0);	(595670.0,	4145780.0,	2.0,	0.0);
(595680.0,	4145780.0,	2.0,	0.0);	(595690.0,	4145780.0,	2.0,	0.0);
(595700.0,	4145780.0,	2.0,	0.0);	(595710.0,	4145780.0,	2.0,	0.0);
(595720.0,	4145780.0,	2.0,	0.0);	(595730.0,	4145780.0,	2.0,	0.0);

**MODELOPTs: CONC URBAN ELEV DFAULT

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

(595740.0,	4145780.0,	2.0,	0.0);	(595750.0,	4145780.0,	2.3,	0.0);
(595760.0,	4145780.0,	2.7,	0.0);	(595770.0,	4145780.0,	3.0,	0.0);
(595780.0,	4145780.0,	3.0,	0.0);	(595790.0,	4145780.0,	3.0,	0.0);
(595800.0,	4145780.0,	3.0,	0.0);	(595810.0,	4145780.0,	3.0,	0.0);
(595820.0,	4145780.0,	3.0,	0.0);	(595830.0,	4145780.0,	3.0,	0.0);
(595450.0,	4145790.0,	2.0,	0.0);	(595460.0,	4145790.0,	2.0,	0.0);
(595470.0,	4145790.0,	2.0,	0.0);	(595480.0,	4145790.0,	2.0,	0.0);
(595490.0,	4145790.0,	2.0,	0.0);	(595500.0,	4145790.0,	2.0,	0.0);
(595510.0,	4145790.0,	2.0,	0.0);	(595520.0,	4145790.0,	2.0,	0.0);
(595530.0,	4145790.0,	2.0,	0.0);	(595540.0,	4145790.0,	2.0,	0.0);
(595550.0,	4145790.0,	2.0,	0.0);	(595560.0,	4145790.0,	2.0,	0.0);
(595570.0,	4145790.0,	2.0,	0.0);	(595580.0,	4145790.0,	2.0,	0.0);
(595590.0,	4145790.0,	2.0,	0.0);	(595600.0,	4145790.0,	2.0,	0.0);
(595610.0,	4145790.0,	2.0,	0.0);	(595620.0,	4145790.0,	2.0,	0.0);
(595630.0,	4145790.0,	2.0,	0.0);	(595640.0,	4145790.0,	2.0,	0.0);
(595650.0,	4145790.0,	2.0,	0.0);	(595660.0,	4145790.0,	2.0,	0.0);
(595670.0,	4145790.0,	2.0,	0.0);	(595680.0,	4145790.0,	2.0,	0.0);
(595690.0,	4145790.0,	2.0,	0.0);	(595700.0,	4145790.0,	2.0,	0.0);
(595710.0,	4145790.0,	2.0,	0.0);	(595720.0,	4145790.0,	2.0,	0.0);
(595730.0,	4145790.0,	2.0,	0.0);	(595740.0,	4145790.0,	2.0,	0.0);
(595750.0,	4145790.0,	2.3,	0.0);	(595760.0,	4145790.0,	2.7,	0.0);
(595770.0,	4145790.0,	3.0,	0.0);	(595780.0,	4145790.0,	3.0,	0.0);
(595790.0,	4145790.0,	3.0,	0.0);	(595800.0,	4145790.0,	3.0,	0.0);
(595810.0,	4145790.0,	3.0,	0.0);	(595820.0,	4145790.0,	3.0,	0.0);
(595830.0,	4145790.0,	3.0,	0.0);	(595450.0,	4145800.0,	2.0,	0.0);
(595460.0,	4145800.0,	2.0,	0.0);	(595470.0,	4145800.0,	2.0,	0.0);
(595480.0,	4145800.0,	2.0,	0.0);	(595490.0,	4145800.0,	2.0,	0.0);
(595500.0,	4145800.0,	2.0,	0.0);	(595510.0,	4145800.0,	2.0,	0.0);
(595520.0,	4145800.0,	2.0,	0.0);	(595530.0,	4145800.0,	2.0,	0.0);
(595540.0,	4145800.0,	2.0,	0.0);	(595550.0,	4145800.0,	2.0,	0.0);
(595560.0,	4145800.0,	2.0,	0.0);	(595570.0,	4145800.0,	2.0,	0.0);
(595580.0,	4145800.0,	2.0,	0.0);	(595590.0,	4145800.0,	2.0,	0.0);
(595600.0,	4145800.0,	2.0,	0.0);	(595610.0,	4145800.0,	2.0,	0.0);
(595620.0,	4145800.0,	2.0,	0.0);	(595630.0,	4145800.0,	2.0,	0.0);
(595640.0,	4145800.0,	2.0,	0.0);	(595650.0,	4145800.0,	2.0,	0.0);
(595660.0,	4145800.0,	2.0,	0.0);	(595670.0,	4145800.0,	2.0,	0.0);
(595680.0,	4145800.0,	2.0,	0.0);	(595690.0,	4145800.0,	2.0,	0.0);
(595700.0,	4145800.0,	2.0,	0.0);	(595710.0,	4145800.0,	2.0,	0.0);
(595720.0,	4145800.0,	2.0,	0.0);	(595730.0,	4145800.0,	2.0,	0.0);
(595740.0,	4145800.0,	2.0,	0.0);	(595750.0,	4145800.0,	2.3,	0.0);
(595760.0,	4145800.0,	2.7,	0.0);	(595770.0,	4145800.0,	3.0,	0.0);
(595780.0,	4145800.0,	3.0,	0.0);	(595790.0,	4145800.0,	3.0,	0.0);
(595800.0,	4145800.0,	3.0,	0.0);	(595810.0,	4145800.0,	3.0,	0.0);
(595820.0,	4145800.0,	3.0,	0.0);	(595450.0,	4145810.0,	2.0,	0.0);
(595460.0,	4145810.0,	2.0,	0.0);	(595470.0,	4145810.0,	2.0,	0.0);

**MODELOPTs: CONC URBAN ELEV DFAULT

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

(595480.0,	4145810.0,	2.0,	0.0);	(595490.0,	4145810.0,	2.0,	0.0);
(595500.0,	4145810.0,	2.0,	0.0);	(595510.0,	4145810.0,	2.0,	0.0);
(595520.0,	4145810.0,	2.0,	0.0);	(595530.0,	4145810.0,	2.0,	0.0);
(595540.0,	4145810.0,	2.0,	0.0);	(595550.0,	4145810.0,	2.0,	0.0);
(595560.0,	4145810.0,	2.0,	0.0);	(595570.0,	4145810.0,	2.0,	0.0);
(595580.0,	4145810.0,	2.0,	0.0);	(595590.0,	4145810.0,	2.0,	0.0);
(595600.0,	4145810.0,	2.0,	0.0);	(595610.0,	4145810.0,	2.0,	0.0);
(595620.0,	4145810.0,	2.0,	0.0);	(595630.0,	4145810.0,	2.0,	0.0);
(595640.0,	4145810.0,	2.0,	0.0);	(595650.0,	4145810.0,	2.0,	0.0);
(595660.0,	4145810.0,	2.0,	0.0);	(595670.0,	4145810.0,	2.0,	0.0);
(595680.0,	4145810.0,	2.0,	0.0);	(595690.0,	4145810.0,	2.0,	0.0);
(595700.0,	4145810.0,	2.0,	0.0);	(595710.0,	4145810.0,	2.0,	0.0);
(595720.0,	4145810.0,	2.0,	0.0);	(595730.0,	4145810.0,	2.0,	0.0);
(595740.0,	4145810.0,	2.0,	0.0);	(595750.0,	4145810.0,	2.3,	0.0);
(595760.0,	4145810.0,	2.7,	0.0);	(595770.0,	4145810.0,	3.0,	0.0);
(595780.0,	4145810.0,	3.0,	0.0);	(595790.0,	4145810.0,	3.0,	0.0);
(595800.0,	4145810.0,	3.0,	0.0);	(595810.0,	4145810.0,	3.0,	0.0);
(595450.0,	4145820.0,	2.0,	0.0);	(595460.0,	4145820.0,	2.0,	0.0);
(595470.0,	4145820.0,	2.0,	0.0);	(595480.0,	4145820.0,	2.0,	0.0);
(595490.0,	4145820.0,	2.0,	0.0);	(595500.0,	4145820.0,	2.0,	0.0);
(595510.0,	4145820.0,	2.0,	0.0);	(595520.0,	4145820.0,	2.0,	0.0);
(595530.0,	4145820.0,	2.0,	0.0);	(595540.0,	4145820.0,	2.0,	0.0);
(595550.0,	4145820.0,	2.0,	0.0);	(595560.0,	4145820.0,	2.0,	0.0);
(595570.0,	4145820.0,	2.0,	0.0);	(595580.0,	4145820.0,	2.0,	0.0);
(595590.0,	4145820.0,	2.0,	0.0);	(595600.0,	4145820.0,	2.0,	0.0);
(595610.0,	4145820.0,	2.0,	0.0);	(595620.0,	4145820.0,	2.0,	0.0);
(595630.0,	4145820.0,	2.0,	0.0);	(595640.0,	4145820.0,	2.0,	0.0);
(595650.0,	4145820.0,	2.0,	0.0);	(595660.0,	4145820.0,	2.0,	0.0);
(595670.0,	4145820.0,	2.0,	0.0);	(595680.0,	4145820.0,	2.0,	0.0);
(595690.0,	4145820.0,	2.0,	0.0);	(595700.0,	4145820.0,	2.0,	0.0);
(595710.0,	4145820.0,	2.0,	0.0);	(595720.0,	4145820.0,	2.0,	0.0);
(595730.0,	4145820.0,	2.0,	0.0);	(595740.0,	4145820.0,	2.0,	0.0);
(595750.0,	4145820.0,	2.3,	0.0);	(595760.0,	4145820.0,	2.7,	0.0);
(595770.0,	4145820.0,	3.0,	0.0);	(595780.0,	4145820.0,	3.0,	0.0);
(595790.0,	4145820.0,	3.0,	0.0);	(595800.0,	4145820.0,	3.0,	0.0);
(595810.0,	4145820.0,	3.0,	0.0);	(595460.0,	4145830.0,	2.0,	0.0);
(595470.0,	4145830.0,	2.0,	0.0);	(595480.0,	4145830.0,	2.0,	0.0);
(595490.0,	4145830.0,	2.0,	0.0);	(595500.0,	4145830.0,	2.0,	0.0);
(595510.0,	4145830.0,	2.0,	0.0);	(595520.0,	4145830.0,	2.0,	0.0);
(595530.0,	4145830.0,	2.0,	0.0);	(595540.0,	4145830.0,	2.0,	0.0);
(595550.0,	4145830.0,	2.0,	0.0);	(595560.0,	4145830.0,	2.0,	0.0);
(595570.0,	4145830.0,	2.0,	0.0);	(595580.0,	4145830.0,	2.0,	0.0);
(595590.0,	4145830.0,	2.0,	0.0);	(595600.0,	4145830.0,	2.0,	0.0);
(595610.0,	4145830.0,	2.0,	0.0);	(595620.0,	4145830.0,	2.0,	0.0);
(595630.0,	4145830.0,	2.0,	0.0);	(595640.0,	4145830.0,	2.0,	0.0);

**MODELOPTs: CONC URBAN ELEV DFAULT

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

(595650.0,	4145830.0,	2.0,	0.0);	(595660.0,	4145830.0,	2.0,	0.0);
(595670.0,	4145830.0,	2.0,	0.0);	(595680.0,	4145830.0,	2.0,	0.0);
(595690.0,	4145830.0,	2.0,	0.0);	(595700.0,	4145830.0,	2.0,	0.0);
(595710.0,	4145830.0,	2.0,	0.0);	(595720.0,	4145830.0,	2.0,	0.0);
(595730.0,	4145830.0,	2.0,	0.0);	(595740.0,	4145830.0,	2.0,	0.0);
(595750.0,	4145830.0,	2.2,	0.0);	(595760.0,	4145830.0,	2.4,	0.0);
(595770.0,	4145830.0,	2.7,	0.0);	(595780.0,	4145830.0,	2.8,	0.0);
(595790.0,	4145830.0,	2.9,	0.0);	(595800.0,	4145830.0,	3.0,	0.0);
(595500.0,	4145840.0,	2.0,	0.0);	(595510.0,	4145840.0,	2.0,	0.0);
(595520.0,	4145840.0,	2.0,	0.0);	(595530.0,	4145840.0,	2.0,	0.0);
(595540.0,	4145840.0,	2.0,	0.0);	(595550.0,	4145840.0,	2.0,	0.0);
(595560.0,	4145840.0,	2.0,	0.0);	(595570.0,	4145840.0,	2.0,	0.0);
(595580.0,	4145840.0,	2.0,	0.0);	(595590.0,	4145840.0,	2.0,	0.0);
(595600.0,	4145840.0,	2.0,	0.0);	(595610.0,	4145840.0,	2.0,	0.0);
(595620.0,	4145840.0,	2.0,	0.0);	(595630.0,	4145840.0,	2.0,	0.0);
(595640.0,	4145840.0,	2.0,	0.0);	(595650.0,	4145840.0,	2.0,	0.0);
(595660.0,	4145840.0,	2.0,	0.0);	(595670.0,	4145840.0,	2.0,	0.0);
(595680.0,	4145840.0,	2.0,	0.0);	(595690.0,	4145840.0,	2.0,	0.0);
(595700.0,	4145840.0,	2.0,	0.0);	(595710.0,	4145840.0,	2.0,	0.0);
(595720.0,	4145840.0,	2.0,	0.0);	(595730.0,	4145840.0,	2.0,	0.0);
(595740.0,	4145840.0,	2.0,	0.0);	(595750.0,	4145840.0,	2.1,	0.0);
(595760.0,	4145840.0,	2.2,	0.0);	(595770.0,	4145840.0,	2.3,	0.0);
(595780.0,	4145840.0,	2.6,	0.0);	(595790.0,	4145840.0,	2.8,	0.0);
(595540.0,	4145850.0,	2.0,	0.0);	(595550.0,	4145850.0,	2.0,	0.0);
(595560.0,	4145850.0,	2.0,	0.0);	(595570.0,	4145850.0,	2.0,	0.0);
(595580.0,	4145850.0,	2.0,	0.0);	(595590.0,	4145850.0,	2.0,	0.0);
(595600.0,	4145850.0,	2.0,	0.0);	(595610.0,	4145850.0,	2.0,	0.0);
(595620.0,	4145850.0,	2.0,	0.0);	(595630.0,	4145850.0,	2.0,	0.0);
(595640.0,	4145850.0,	2.0,	0.0);	(595650.0,	4145850.0,	2.0,	0.0);
(595660.0,	4145850.0,	2.0,	0.0);	(595670.0,	4145850.0,	2.0,	0.0);
(595680.0,	4145850.0,	2.0,	0.0);	(595690.0,	4145850.0,	2.0,	0.0);
(595700.0,	4145850.0,	2.0,	0.0);	(595710.0,	4145850.0,	2.0,	0.0);
(595720.0,	4145850.0,	2.0,	0.0);	(595730.0,	4145850.0,	2.0,	0.0);
(595740.0,	4145850.0,	2.0,	0.0);	(595750.0,	4145850.0,	2.0,	0.0);
(595760.0,	4145850.0,	2.0,	0.0);	(595770.0,	4145850.0,	2.0,	0.0);
(595780.0,	4145850.0,	2.3,	0.0);	(595790.0,	4145850.0,	2.7,	0.0);
(595570.0,	4145860.0,	2.0,	0.0);	(595580.0,	4145860.0,	2.0,	0.0);
(595590.0,	4145860.0,	2.0,	0.0);	(595600.0,	4145860.0,	2.0,	0.0);
(595610.0,	4145860.0,	2.0,	0.0);	(595620.0,	4145860.0,	2.0,	0.0);
(595630.0,	4145860.0,	2.0,	0.0);	(595640.0,	4145860.0,	2.0,	0.0);
(595650.0,	4145860.0,	2.0,	0.0);	(595660.0,	4145860.0,	2.0,	0.0);
(595670.0,	4145860.0,	2.0,	0.0);	(595680.0,	4145860.0,	2.0,	0.0);
(595690.0,	4145860.0,	2.0,	0.0);	(595700.0,	4145860.0,	2.0,	0.0);
(595710.0,	4145860.0,	2.0,	0.0);	(595720.0,	4145860.0,	2.0,	0.0);
(595730.0,	4145860.0,	2.0,	0.0);	(595740.0,	4145860.0,	2.0,	0.0);

**MODELOPTs: CONC URBAN ELEV DFAULT

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

(595750.0,	4145860.0,	2.1,	0.0);	(595760.0,	4145860.0,	2.2,	0.0);
(595770.0,	4145860.0,	2.3,	0.0);	(595780.0,	4145860.0,	2.6,	0.0);
(595590.0,	4145870.0,	2.0,	0.0);	(595600.0,	4145870.0,	2.0,	0.0);
(595610.0,	4145870.0,	2.0,	0.0);	(595620.0,	4145870.0,	2.0,	0.0);
(595630.0,	4145870.0,	2.0,	0.0);	(595640.0,	4145870.0,	2.0,	0.0);
(595650.0,	4145870.0,	2.0,	0.0);	(595660.0,	4145870.0,	2.0,	0.0);
(595670.0,	4145870.0,	2.0,	0.0);	(595680.0,	4145870.0,	2.0,	0.0);
(595690.0,	4145870.0,	2.0,	0.0);	(595700.0,	4145870.0,	2.0,	0.0);
(595710.0,	4145870.0,	2.0,	0.0);	(595720.0,	4145870.0,	2.0,	0.0);
(595730.0,	4145870.0,	2.0,	0.0);	(595740.0,	4145870.0,	2.0,	0.0);
(595750.0,	4145870.0,	2.2,	0.0);	(595760.0,	4145870.0,	2.4,	0.0);
(595770.0,	4145870.0,	2.7,	0.0);	(595620.0,	4145880.0,	2.0,	0.0);
(595630.0,	4145880.0,	2.0,	0.0);	(595640.0,	4145880.0,	2.0,	0.0);
(595650.0,	4145880.0,	2.0,	0.0);	(595660.0,	4145880.0,	2.0,	0.0);
(595670.0,	4145880.0,	2.0,	0.0);	(595680.0,	4145880.0,	2.0,	0.0);
(595690.0,	4145880.0,	2.0,	0.0);	(595700.0,	4145880.0,	2.0,	0.0);
(595710.0,	4145880.0,	2.0,	0.0);	(595720.0,	4145880.0,	2.0,	0.0);
(595730.0,	4145880.0,	2.0,	0.0);	(595740.0,	4145880.0,	2.0,	0.0);
(595750.0,	4145880.0,	2.3,	0.0);	(595760.0,	4145880.0,	2.7,	0.0);
(595640.0,	4145890.0,	2.0,	0.0);	(595650.0,	4145890.0,	2.0,	0.0);
(595660.0,	4145890.0,	2.0,	0.0);	(595670.0,	4145890.0,	2.0,	0.0);
(595680.0,	4145890.0,	2.0,	0.0);	(595690.0,	4145890.0,	2.0,	0.0);
(595700.0,	4145890.0,	2.0,	0.0);	(595710.0,	4145890.0,	2.0,	0.0);
(595720.0,	4145890.0,	2.0,	0.0);	(595730.0,	4145890.0,	2.0,	0.0);
(595740.0,	4145890.0,	2.0,	0.0);	(595750.0,	4145890.0,	2.3,	0.0);
(595760.0,	4145890.0,	2.7,	0.0);	(595660.0,	4145900.0,	2.0,	0.0);
(595670.0,	4145900.0,	2.0,	0.0);	(595680.0,	4145900.0,	2.0,	0.0);
(595690.0,	4145900.0,	2.0,	0.0);	(595700.0,	4145900.0,	2.0,	0.0);
(595710.0,	4145900.0,	2.0,	0.0);	(595720.0,	4145900.0,	2.0,	0.0);
(595730.0,	4145900.0,	2.0,	0.0);	(595740.0,	4145900.0,	2.0,	0.0);
(595750.0,	4145900.0,	2.3,	0.0);	(595690.0,	4145910.0,	2.0,	0.0);
(595700.0,	4145910.0,	2.0,	0.0);	(595710.0,	4145910.0,	2.0,	0.0);
(595720.0,	4145910.0,	2.0,	0.0);	(595730.0,	4145910.0,	2.0,	0.0);
(595740.0,	4145910.0,	2.0,	0.0);	(595710.0,	4145920.0,	2.0,	0.0);
(595720.0,	4145920.0,	2.0,	0.0);	(595730.0,	4145920.0,	2.0,	0.0);
(595460.0,	4145780.0,	2.0,	0.0);				

**MODELOPTs: CONC URBAN ELEV DFAULT

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

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1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
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METEOROLOGICAL DATA PROCESSED BETWEEN START DATE: *** 1 1 1
AND END DATE: *** 12 31 24

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,

*** WIND PROFILE EXPONENTS ***

STABILITY CATEGORY	WIND SPEED CATEGORY 1	2	3	4	5	6
A	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
B	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
C	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00
D	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00
E	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00
F	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY 1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

**MODELOPTs: CONC URBAN ELEV DFAULT

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

FILE: C:\Users\Eric\TABORA~1\Clients\HALEYA~1\ FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)
SURFACE STATION NO.: 7905 UPPER AIR STATION NO.: 7905
NAME: UNKNOWN NAME: UNKNOWN
YEAR: 1996 YEAR: 1996

YEAR	MONTH	DAY	HOUR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING HEIGHT (M) RURAL	MIXING HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
96	1	1	1	212.7	1.56	283.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
96	1	1	2	186.7	1.03	284.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
96	1	1	3	162.3	1.79	284.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
96	1	1	4	185.1	1.97	283.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
96	1	1	5	132.3	2.46	283.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
96	1	1	6	97.9	4.16	283.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
96	1	1	7	95.8	1.61	284.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
96	1	1	8	152.8	3.58	285.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
96	1	1	9	157.8	5.54	288.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
96	1	1	10	158.3	5.01	289.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
96	1	1	11	162.5	5.54	291.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
96	1	1	12	161.7	5.72	292.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
96	1	1	13	168.0	6.84	292.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
96	1	1	14	182.2	6.12	292.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
96	1	1	15	153.1	5.68	292.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
96	1	1	16	112.6	4.34	291.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
96	1	1	17	134.5	3.84	290.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
96	1	1	18	143.4	4.38	290.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
96	1	1	19	145.1	3.62	290.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
96	1	1	20	161.2	4.83	289.3	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
96	1	1	21	155.0	4.83	289.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
96	1	1	22	105.9	4.25	286.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
96	1	1	23	48.0	2.68	285.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
96	1	1	24	89.0	2.46	285.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PM2.5 ***
INCLUDING SOURCE(S): PM2.5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595410.00	4145360.00	0.02173	595410.00	4145370.00	0.02280

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PM2.5 ***
INCLUDING SOURCE(S): PM2.5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595550.00	4145420.00	0.16216	595400.00	4145430.00	0.02879
595410.00	4145430.00	0.03115	595420.00	4145430.00	0.03384
595430.00	4145430.00	0.03692	595440.00	4145430.00	0.04046
595450.00	4145430.00	0.04454	595460.00	4145430.00	0.04929
595470.00	4145430.00	0.05485	595480.00	4145430.00	0.06143
595490.00	4145430.00	0.06932	595500.00	4145430.00	0.07891
595510.00	4145430.00	0.09077	595520.00	4145430.00	0.10580
595530.00	4145430.00	0.12537	595540.00	4145430.00	0.15172
595440.00	4145440.00	0.04318	595450.00	4145440.00	0.04772
595460.00	4145440.00	0.05303	595470.00	4145440.00	0.05929
595480.00	4145440.00	0.06677	595490.00	4145440.00	0.07579
595500.00	4145440.00	0.08687	595510.00	4145440.00	0.10076
595520.00	4145440.00	0.11859	595530.00	4145440.00	0.14215
595540.00	4145440.00	0.17462	595490.00	4145450.00	0.08303
595500.00	4145450.00	0.09588	595510.00	4145450.00	0.11217
595520.00	4145450.00	0.13334	595530.00	4145450.00	0.16188
595910.00	4145140.00	0.02237	595920.00	4145140.00	0.02170
595900.00	4145150.00	0.02376	595910.00	4145150.00	0.02302
595920.00	4145150.00	0.02229	595930.00	4145150.00	0.02157
595900.00	4145160.00	0.02447	595910.00	4145160.00	0.02367
595920.00	4145160.00	0.02287	595930.00	4145160.00	0.02209
595940.00	4145160.00	0.02132	595950.00	4145160.00	0.02057
595890.00	4145170.00	0.02608	595900.00	4145170.00	0.02519
595910.00	4145170.00	0.02430	595920.00	4145170.00	0.02344
595930.00	4145170.00	0.02259	595940.00	4145170.00	0.02177
595950.00	4145170.00	0.02097	595960.00	4145170.00	0.02020
595880.00	4145180.00	0.02786	595890.00	4145180.00	0.02687
595900.00	4145180.00	0.02588	595910.00	4145180.00	0.02493
595920.00	4145180.00	0.02399	595930.00	4145180.00	0.02308
595940.00	4145180.00	0.02220	595950.00	4145180.00	0.02135
595960.00	4145180.00	0.02052	595880.00	4145190.00	0.02873
595890.00	4145190.00	0.02764	595900.00	4145190.00	0.02657
595910.00	4145190.00	0.02553	595920.00	4145190.00	0.02452
595930.00	4145190.00	0.02355	595940.00	4145190.00	0.02260
595950.00	4145190.00	0.02170	595960.00	4145190.00	0.02083
595970.00	4145190.00	0.02000	595870.00	4145200.00	0.03082
595880.00	4145200.00	0.02960	595890.00	4145200.00	0.02840
595900.00	4145200.00	0.02724	595910.00	4145200.00	0.02611
595920.00	4145200.00	0.02502	595930.00	4145200.00	0.02398
595940.00	4145200.00	0.02298	595950.00	4145200.00	0.02202

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PM2.5 ***
INCLUDING SOURCE(S): PM2.5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595960.00	4145200.00	0.02111	595970.00	4145200.00	0.02023
595870.00	4145210.00	0.03178	595880.00	4145210.00	0.03044
595890.00	4145210.00	0.02913	595900.00	4145210.00	0.02787
595910.00	4145210.00	0.02666	595920.00	4145210.00	0.02550
595930.00	4145210.00	0.02438	595940.00	4145210.00	0.02332
595950.00	4145210.00	0.02231	595960.00	4145210.00	0.02135
595970.00	4145210.00	0.02043	595980.00	4145210.00	0.01956
595860.00	4145220.00	0.03424	595870.00	4145220.00	0.03272
595880.00	4145220.00	0.03124	595890.00	4145220.00	0.02982
595900.00	4145220.00	0.02846	595910.00	4145220.00	0.02716
595920.00	4145220.00	0.02592	595930.00	4145220.00	0.02475
595940.00	4145220.00	0.02362	595950.00	4145220.00	0.02256
595960.00	4145220.00	0.02155	595970.00	4145220.00	0.02060
595980.00	4145220.00	0.01970	595860.00	4145230.00	0.03528
595870.00	4145230.00	0.03361	595880.00	4145230.00	0.03200
595890.00	4145230.00	0.03046	595900.00	4145230.00	0.02900
595910.00	4145230.00	0.02762	595920.00	4145230.00	0.02631
595930.00	4145230.00	0.02506	595940.00	4145230.00	0.02388
595950.00	4145230.00	0.02277	595960.00	4145230.00	0.02172
595970.00	4145230.00	0.02073	595980.00	4145230.00	0.01980
595990.00	4145230.00	0.01891	595850.00	4145240.00	0.03819
595860.00	4145240.00	0.03627	595870.00	4145240.00	0.03444
595880.00	4145240.00	0.03270	595890.00	4145240.00	0.03105
595900.00	4145240.00	0.02949	595910.00	4145240.00	0.02802
595920.00	4145240.00	0.02663	595930.00	4145240.00	0.02532
595940.00	4145240.00	0.02409	595950.00	4145240.00	0.02294
595960.00	4145240.00	0.02185	595970.00	4145240.00	0.02082
595980.00	4145240.00	0.01986	595990.00	4145240.00	0.01895
595850.00	4145250.00	0.03929	595860.00	4145250.00	0.03719
595870.00	4145250.00	0.03520	595880.00	4145250.00	0.03333
595890.00	4145250.00	0.03157	595900.00	4145250.00	0.02991
595910.00	4145250.00	0.02836	595920.00	4145250.00	0.02690
595930.00	4145250.00	0.02553	595940.00	4145250.00	0.02425
595950.00	4145250.00	0.02306	595960.00	4145250.00	0.02193
595970.00	4145250.00	0.02088	595980.00	4145250.00	0.01989
595990.00	4145250.00	0.01896	595840.00	4145260.00	0.04273
595850.00	4145260.00	0.04031	595860.00	4145260.00	0.03802
595870.00	4145260.00	0.03588	595880.00	4145260.00	0.03388
595890.00	4145260.00	0.03200	595900.00	4145260.00	0.03026
595910.00	4145260.00	0.02863	595920.00	4145260.00	0.02711

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PM2.5 ***
INCLUDING SOURCE(S): PM2.5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595930.00	4145260.00	0.02569	595940.00	4145260.00	0.02436
595950.00	4145260.00	0.02313	595960.00	4145260.00	0.02197
595970.00	4145260.00	0.02089	595980.00	4145260.00	0.01989
595990.00	4145260.00	0.01894	596000.00	4145260.00	0.01806
595840.00	4145270.00	0.04385	595850.00	4145270.00	0.04121
595860.00	4145270.00	0.03875	595870.00	4145270.00	0.03645
595880.00	4145270.00	0.03433	595890.00	4145270.00	0.03236
595900.00	4145270.00	0.03052	595910.00	4145270.00	0.02883
595920.00	4145270.00	0.02725	595930.00	4145270.00	0.02578
595940.00	4145270.00	0.02442	595950.00	4145270.00	0.02315
595960.00	4145270.00	0.02197	595970.00	4145270.00	0.02087
595980.00	4145270.00	0.01985	595990.00	4145270.00	0.01889
596000.00	4145270.00	0.01800	595830.00	4145280.00	0.04791
595840.00	4145280.00	0.04483	595850.00	4145280.00	0.04198
595860.00	4145280.00	0.03935	595870.00	4145280.00	0.03692
595880.00	4145280.00	0.03468	595890.00	4145280.00	0.03261
595900.00	4145280.00	0.03071	595910.00	4145280.00	0.02895
595920.00	4145280.00	0.02732	595930.00	4145280.00	0.02582
595940.00	4145280.00	0.02443	595950.00	4145280.00	0.02313
595960.00	4145280.00	0.02193	595970.00	4145280.00	0.02082
595980.00	4145280.00	0.01978	595990.00	4145280.00	0.01882
596000.00	4145280.00	0.01792	595820.00	4145290.00	0.05261
595830.00	4145290.00	0.04898	595840.00	4145290.00	0.04565
595850.00	4145290.00	0.04260	595860.00	4145290.00	0.03981
595870.00	4145290.00	0.03726	595880.00	4145290.00	0.03492
595890.00	4145290.00	0.03278	595900.00	4145290.00	0.03081
595910.00	4145290.00	0.02900	595920.00	4145290.00	0.02734
595930.00	4145290.00	0.02580	595940.00	4145290.00	0.02438
595950.00	4145290.00	0.02307	595960.00	4145290.00	0.02186
595970.00	4145290.00	0.02074	595980.00	4145290.00	0.01969
595990.00	4145290.00	0.01872	596000.00	4145290.00	0.01781
595820.00	4145300.00	0.05376	595830.00	4145300.00	0.04984
595840.00	4145300.00	0.04629	595850.00	4145300.00	0.04306
595860.00	4145300.00	0.04014	595870.00	4145300.00	0.03748
595880.00	4145300.00	0.03506	595890.00	4145300.00	0.03285
595900.00	4145300.00	0.03084	595910.00	4145300.00	0.02899
595920.00	4145300.00	0.02729	595930.00	4145300.00	0.02574
595940.00	4145300.00	0.02430	595950.00	4145300.00	0.02298
595960.00	4145300.00	0.02175	595970.00	4145300.00	0.02062
595980.00	4145300.00	0.01957	595990.00	4145300.00	0.01860

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PM2.5 ***
INCLUDING SOURCE(S): PM2.5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
596000.00	4145300.00	0.01769	595810.00	4145310.00	0.05931
595820.00	4145310.00	0.05465	595830.00	4145310.00	0.05048
595840.00	4145310.00	0.04673	595850.00	4145310.00	0.04336
595860.00	4145310.00	0.04033	595870.00	4145310.00	0.03758
595880.00	4145310.00	0.03510	595890.00	4145310.00	0.03284
595900.00	4145310.00	0.03079	595910.00	4145310.00	0.02891
595920.00	4145310.00	0.02720	595930.00	4145310.00	0.02562
595940.00	4145310.00	0.02418	595950.00	4145310.00	0.02285
595960.00	4145310.00	0.02162	595970.00	4145310.00	0.02049
595980.00	4145310.00	0.01943	595990.00	4145310.00	0.01846
596000.00	4145310.00	0.01755	596010.00	4145310.00	0.01671
595810.00	4145320.00	0.06021	595820.00	4145320.00	0.05527
595830.00	4145320.00	0.05088	595840.00	4145320.00	0.04698
595850.00	4145320.00	0.04350	595860.00	4145320.00	0.04037
595870.00	4145320.00	0.03757	595880.00	4145320.00	0.03504
595890.00	4145320.00	0.03275	595900.00	4145320.00	0.03067
595910.00	4145320.00	0.02878	595920.00	4145320.00	0.02705
595930.00	4145320.00	0.02547	595940.00	4145320.00	0.02402
595950.00	4145320.00	0.02269	595960.00	4145320.00	0.02146
595970.00	4145320.00	0.02032	595980.00	4145320.00	0.01927
595990.00	4145320.00	0.01830	596000.00	4145320.00	0.01740
596010.00	4145320.00	0.01656	595800.00	4145330.00	0.06670
595810.00	4145330.00	0.06079	595820.00	4145330.00	0.05560
595830.00	4145330.00	0.05107	595840.00	4145330.00	0.04705
595850.00	4145330.00	0.04348	595860.00	4145330.00	0.04031
595870.00	4145330.00	0.03745	595880.00	4145330.00	0.03490
595890.00	4145330.00	0.03259	595900.00	4145330.00	0.03049
595910.00	4145330.00	0.02859	595920.00	4145330.00	0.02686
595930.00	4145330.00	0.02528	595940.00	4145330.00	0.02383
595950.00	4145330.00	0.02250	595960.00	4145330.00	0.02127
595970.00	4145330.00	0.02014	595980.00	4145330.00	0.01910
595990.00	4145330.00	0.01813	596000.00	4145330.00	0.01723
596010.00	4145330.00	0.01640	595800.00	4145340.00	0.06717
595810.00	4145340.00	0.06103	595820.00	4145340.00	0.05568
595830.00	4145340.00	0.05103	595840.00	4145340.00	0.04694
595850.00	4145340.00	0.04333	595860.00	4145340.00	0.04011
595870.00	4145340.00	0.03725	595880.00	4145340.00	0.03467
595890.00	4145340.00	0.03235	595900.00	4145340.00	0.03026
595910.00	4145340.00	0.02836	595920.00	4145340.00	0.02663
595930.00	4145340.00	0.02505	595940.00	4145340.00	0.02360

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PM2.5 ***
INCLUDING SOURCE(S): PM2.5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595950.00	4145340.00	0.02228	595960.00	4145340.00	0.02106
595970.00	4145340.00	0.01993	595980.00	4145340.00	0.01890
595990.00	4145340.00	0.01794	596000.00	4145340.00	0.01705
596010.00	4145340.00	0.01622	595790.00	4145350.00	0.07461
595800.00	4145350.00	0.06723	595810.00	4145350.00	0.06093
595820.00	4145350.00	0.05551	595830.00	4145350.00	0.05080
595840.00	4145350.00	0.04667	595850.00	4145350.00	0.04303
595860.00	4145350.00	0.03982	595870.00	4145350.00	0.03694
595880.00	4145350.00	0.03437	595890.00	4145350.00	0.03205
595900.00	4145350.00	0.02996	595910.00	4145350.00	0.02807
595920.00	4145350.00	0.02635	595930.00	4145350.00	0.02478
595940.00	4145350.00	0.02334	595950.00	4145350.00	0.02203
595960.00	4145350.00	0.02082	595970.00	4145350.00	0.01970
595980.00	4145350.00	0.01868	595990.00	4145350.00	0.01773
596000.00	4145350.00	0.01685	596010.00	4145350.00	0.01603
595790.00	4145360.00	0.07438	595800.00	4145360.00	0.06690
595810.00	4145360.00	0.06055	595820.00	4145360.00	0.05510
595830.00	4145360.00	0.05038	595840.00	4145360.00	0.04625
595850.00	4145360.00	0.04262	595860.00	4145360.00	0.03940
595870.00	4145360.00	0.03655	595880.00	4145360.00	0.03399
595890.00	4145360.00	0.03168	595900.00	4145360.00	0.02961
595910.00	4145360.00	0.02773	595920.00	4145360.00	0.02602
595930.00	4145360.00	0.02447	595940.00	4145360.00	0.02304
595950.00	4145360.00	0.02174	595960.00	4145360.00	0.02055
595970.00	4145360.00	0.01945	595980.00	4145360.00	0.01843
595990.00	4145360.00	0.01749	596000.00	4145360.00	0.01662
596010.00	4145360.00	0.01582	596020.00	4145360.00	0.01507
595430.00	4145370.00	0.02621	595440.00	4145370.00	0.02821
595450.00	4145370.00	0.03045	595460.00	4145370.00	0.03296
595780.00	4145370.00	0.08257	595790.00	4145370.00	0.07365
595800.00	4145370.00	0.06620	595810.00	4145370.00	0.05987
595820.00	4145370.00	0.05445	595830.00	4145370.00	0.04976
595840.00	4145370.00	0.04566	595850.00	4145370.00	0.04206
595860.00	4145370.00	0.03888	595870.00	4145370.00	0.03605
595880.00	4145370.00	0.03351	595890.00	4145370.00	0.03123
595900.00	4145370.00	0.02919	595910.00	4145370.00	0.02733
595920.00	4145370.00	0.02564	595930.00	4145370.00	0.02411
595940.00	4145370.00	0.02271	595950.00	4145370.00	0.02142
595960.00	4145370.00	0.02024	595970.00	4145370.00	0.01916
595980.00	4145370.00	0.01816	595990.00	4145370.00	0.01724

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PM2.5 ***
INCLUDING SOURCE(S): PM2.5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
596000.00	4145370.00	0.01638	596010.00	4145370.00	0.01559
596020.00	4145370.00	0.01485	595430.00	4145380.00	0.02766
595440.00	4145380.00	0.02985	595450.00	4145380.00	0.03232
595460.00	4145380.00	0.03509	595470.00	4145380.00	0.03824
595480.00	4145380.00	0.04184	595490.00	4145380.00	0.04597
595500.00	4145380.00	0.05077	595510.00	4145380.00	0.05640
595780.00	4145380.00	0.08128	595790.00	4145380.00	0.07249
595800.00	4145380.00	0.06513	595810.00	4145380.00	0.05891
595820.00	4145380.00	0.05357	595830.00	4145380.00	0.04895
595840.00	4145380.00	0.04492	595850.00	4145380.00	0.04137
595860.00	4145380.00	0.03823	595870.00	4145380.00	0.03545
595880.00	4145380.00	0.03295	595890.00	4145380.00	0.03071
595900.00	4145380.00	0.02870	595910.00	4145380.00	0.02687
595920.00	4145380.00	0.02522	595930.00	4145380.00	0.02371
595940.00	4145380.00	0.02233	595950.00	4145380.00	0.02107
595960.00	4145380.00	0.01991	595970.00	4145380.00	0.01885
595980.00	4145380.00	0.01787	595990.00	4145380.00	0.01696
596000.00	4145380.00	0.01612	596010.00	4145380.00	0.01534
596020.00	4145380.00	0.01462	595430.00	4145390.00	0.02922
595440.00	4145390.00	0.03163	595450.00	4145390.00	0.03434
595460.00	4145390.00	0.03742	595470.00	4145390.00	0.04094
595480.00	4145390.00	0.04498	595490.00	4145390.00	0.04965
595500.00	4145390.00	0.05513	595510.00	4145390.00	0.06163
595520.00	4145390.00	0.06944	595530.00	4145390.00	0.07902
595540.00	4145390.00	0.09098	595550.00	4145390.00	0.10638
595770.00	4145390.00	0.08990	595780.00	4145390.00	0.07950
595790.00	4145390.00	0.07095	595800.00	4145390.00	0.06378
595810.00	4145390.00	0.05770	595820.00	4145390.00	0.05249
595830.00	4145390.00	0.04797	595840.00	4145390.00	0.04402
595850.00	4145390.00	0.04056	595860.00	4145390.00	0.03749
595870.00	4145390.00	0.03476	595880.00	4145390.00	0.03232
595890.00	4145390.00	0.03013	595900.00	4145390.00	0.02815
595910.00	4145390.00	0.02637	595920.00	4145390.00	0.02474
595930.00	4145390.00	0.02327	595940.00	4145390.00	0.02192
595950.00	4145390.00	0.02068	595960.00	4145390.00	0.01955
595970.00	4145390.00	0.01851	595980.00	4145390.00	0.01755
595990.00	4145390.00	0.01666	596000.00	4145390.00	0.01584
596010.00	4145390.00	0.01508	595430.00	4145400.00	0.03092
595440.00	4145400.00	0.03356	595450.00	4145400.00	0.03656
595460.00	4145400.00	0.03998	595470.00	4145400.00	0.04391

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PM2.5 ***
INCLUDING SOURCE(S): PM2.5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595480.00	4145400.00	0.04846	595490.00	4145400.00	0.05377
595500.00	4145400.00	0.06005	595510.00	4145400.00	0.06757
595520.00	4145400.00	0.07672	595530.00	4145400.00	0.08809
595540.00	4145400.00	0.10258	595550.00	4145400.00	0.12163
595770.00	4145400.00	0.08750	595780.00	4145400.00	0.07747
595790.00	4145400.00	0.06920	595800.00	4145400.00	0.06225
595810.00	4145400.00	0.05635	595820.00	4145400.00	0.05128
595830.00	4145400.00	0.04688	595840.00	4145400.00	0.04304
595850.00	4145400.00	0.03966	595860.00	4145400.00	0.03667
595870.00	4145400.00	0.03401	595880.00	4145400.00	0.03163
595890.00	4145400.00	0.02950	595900.00	4145400.00	0.02757
595910.00	4145400.00	0.02582	595920.00	4145400.00	0.02424
595930.00	4145400.00	0.02280	595940.00	4145400.00	0.02148
595950.00	4145400.00	0.02028	595960.00	4145400.00	0.01917
595970.00	4145400.00	0.01815	595980.00	4145400.00	0.01722
595990.00	4145400.00	0.01635	596000.00	4145400.00	0.01555
596010.00	4145400.00	0.01480	595430.00	4145410.00	0.03276
595440.00	4145410.00	0.03567	595450.00	4145410.00	0.03898
595460.00	4145410.00	0.04280	595470.00	4145410.00	0.04720
595480.00	4145410.00	0.05233	595490.00	4145410.00	0.05837
595500.00	4145410.00	0.06559	595510.00	4145410.00	0.07432
595520.00	4145410.00	0.08509	595530.00	4145410.00	0.09867
595540.00	4145410.00	0.11628	595550.00	4145410.00	0.13999
595760.00	4145410.00	0.09669	595770.00	4145410.00	0.08492
595780.00	4145410.00	0.07530	595790.00	4145410.00	0.06734
595800.00	4145410.00	0.06063	595810.00	4145410.00	0.05492
595820.00	4145410.00	0.05001	595830.00	4145410.00	0.04574
595840.00	4145410.00	0.04201	595850.00	4145410.00	0.03873
595860.00	4145410.00	0.03582	595870.00	4145410.00	0.03323
595880.00	4145410.00	0.03091	595890.00	4145410.00	0.02883
595900.00	4145410.00	0.02695	595910.00	4145410.00	0.02526
595920.00	4145410.00	0.02372	595930.00	4145410.00	0.02231
595940.00	4145410.00	0.02103	595950.00	4145410.00	0.01986
595960.00	4145410.00	0.01878	595970.00	4145410.00	0.01779
595980.00	4145410.00	0.01687	595990.00	4145410.00	0.01603
596000.00	4145410.00	0.01524	596010.00	4145410.00	0.01452
595430.00	4145420.00	0.03475	595440.00	4145420.00	0.03796
595450.00	4145420.00	0.04164	595460.00	4145420.00	0.04589
595470.00	4145420.00	0.05084	595480.00	4145420.00	0.05665
595490.00	4145420.00	0.06354	595500.00	4145420.00	0.07184

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PM2.5 ***
INCLUDING SOURCE(S): PM2.5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595510.00	4145420.00	0.08201	595520.00	4145420.00	0.09472
595530.00	4145420.00	0.11098	595540.00	4145420.00	0.13249
595550.00	4145420.00	0.16216	595760.00	4145420.00	0.09334
595770.00	4145420.00	0.08219	595780.00	4145420.00	0.07303
595790.00	4145420.00	0.06540	595800.00	4145420.00	0.05896
595810.00	4145420.00	0.05345	595820.00	4145420.00	0.04870
595830.00	4145420.00	0.04457	595840.00	4145420.00	0.04095
595850.00	4145420.00	0.03777	595860.00	4145420.00	0.03494
595870.00	4145420.00	0.03243	595880.00	4145420.00	0.03018
595890.00	4145420.00	0.02816	595900.00	4145420.00	0.02633
595910.00	4145420.00	0.02468	595920.00	4145420.00	0.02318
595930.00	4145420.00	0.02182	595940.00	4145420.00	0.02057
595950.00	4145420.00	0.01943	595960.00	4145420.00	0.01838
595970.00	4145420.00	0.01741	595980.00	4145420.00	0.01652
595990.00	4145420.00	0.01570	596000.00	4145420.00	0.01494
596010.00	4145420.00	0.01423	595430.00	4145430.00	0.03692
595440.00	4145430.00	0.04046	595450.00	4145430.00	0.04454
595460.00	4145430.00	0.04929	595470.00	4145430.00	0.05485
595480.00	4145430.00	0.06143	595490.00	4145430.00	0.06932
595500.00	4145430.00	0.07891	595510.00	4145430.00	0.09077
595520.00	4145430.00	0.10580	595530.00	4145430.00	0.12537
595540.00	4145430.00	0.15172	595750.00	4145430.00	0.10274
595760.00	4145430.00	0.08980	595770.00	4145430.00	0.07932
595780.00	4145430.00	0.07066	595790.00	4145430.00	0.06338
595800.00	4145430.00	0.05722	595810.00	4145430.00	0.05193
595820.00	4145430.00	0.04736	595830.00	4145430.00	0.04337
595840.00	4145430.00	0.03988	595850.00	4145430.00	0.03680
595860.00	4145430.00	0.03406	595870.00	4145430.00	0.03162
595880.00	4145430.00	0.02944	595890.00	4145430.00	0.02747
595900.00	4145430.00	0.02570	595910.00	4145430.00	0.02410
595920.00	4145430.00	0.02265	595930.00	4145430.00	0.02132
595940.00	4145430.00	0.02010	595950.00	4145430.00	0.01900
595960.00	4145430.00	0.01798	595970.00	4145430.00	0.01704
595980.00	4145430.00	0.01617	595990.00	4145430.00	0.01537
596000.00	4145430.00	0.01463	596010.00	4145430.00	0.01395
595440.00	4145440.00	0.04318	595450.00	4145440.00	0.04772
595460.00	4145440.00	0.05303	595470.00	4145440.00	0.05929
595480.00	4145440.00	0.06677	595490.00	4145440.00	0.07579
595500.00	4145440.00	0.08687	595510.00	4145440.00	0.10076
595520.00	4145440.00	0.11859	595530.00	4145440.00	0.14215

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PM2.5 ***
INCLUDING SOURCE(S): PM2.5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595540.00	4145440.00	0.17462	595740.00	4145440.00	0.11351
595750.00	4145440.00	0.09834	595760.00	4145440.00	0.08624
595770.00	4145440.00	0.07637	595780.00	4145440.00	0.06819
595790.00	4145440.00	0.06130	595800.00	4145440.00	0.05542
595810.00	4145440.00	0.05037	595820.00	4145440.00	0.04598
595830.00	4145440.00	0.04215	595840.00	4145440.00	0.03878
595850.00	4145440.00	0.03581	595860.00	4145440.00	0.03317
595870.00	4145440.00	0.03081	595880.00	4145440.00	0.02870
595890.00	4145440.00	0.02679	595900.00	4145440.00	0.02508
595910.00	4145440.00	0.02352	595920.00	4145440.00	0.02211
595930.00	4145440.00	0.02082	595940.00	4145440.00	0.01965
595950.00	4145440.00	0.01857	595960.00	4145440.00	0.01758
595970.00	4145440.00	0.01667	595980.00	4145440.00	0.01583
595990.00	4145440.00	0.01505	596000.00	4145440.00	0.01433
596010.00	4145440.00	0.01366	595490.00	4145450.00	0.08303
595500.00	4145450.00	0.09588	595510.00	4145450.00	0.11217
595520.00	4145450.00	0.13334	595530.00	4145450.00	0.16188
595740.00	4145450.00	0.10804	595750.00	4145450.00	0.09404
595760.00	4145450.00	0.08270	595770.00	4145450.00	0.07342
595780.00	4145450.00	0.06569	595790.00	4145450.00	0.05915
595800.00	4145450.00	0.05357	595810.00	4145450.00	0.04876
595820.00	4145450.00	0.04457	595830.00	4145450.00	0.04090
595840.00	4145450.00	0.03767	595850.00	4145450.00	0.03481
595860.00	4145450.00	0.03226	595870.00	4145450.00	0.02999
595880.00	4145450.00	0.02795	595890.00	4145450.00	0.02611
595900.00	4145450.00	0.02445	595910.00	4145450.00	0.02295
595920.00	4145450.00	0.02158	595930.00	4145450.00	0.02033
595940.00	4145450.00	0.01919	595950.00	4145450.00	0.01815
595960.00	4145450.00	0.01719	595970.00	4145450.00	0.01630
595980.00	4145450.00	0.01548	595990.00	4145450.00	0.01473
596000.00	4145450.00	0.01403	596010.00	4145450.00	0.01338
595730.00	4145460.00	0.11867	595740.00	4145460.00	0.10269
595750.00	4145460.00	0.08980	595760.00	4145460.00	0.07924
595770.00	4145460.00	0.07050	595780.00	4145460.00	0.06318
595790.00	4145460.00	0.05700	595800.00	4145460.00	0.05170
595810.00	4145460.00	0.04712	595820.00	4145460.00	0.04313
595830.00	4145460.00	0.03963	595840.00	4145460.00	0.03654
595850.00	4145460.00	0.03380	595860.00	4145460.00	0.03135
595870.00	4145460.00	0.02917	595880.00	4145460.00	0.02720
595890.00	4145460.00	0.02543	595900.00	4145460.00	0.02383

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PM2.5 ***
INCLUDING SOURCE(S): PM2.5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595910.00	4145460.00	0.02238	595920.00	4145460.00	0.02105
595930.00	4145460.00	0.01985	595940.00	4145460.00	0.01874
595950.00	4145460.00	0.01773	595960.00	4145460.00	0.01680
595970.00	4145460.00	0.01594	595980.00	4145460.00	0.01515
595990.00	4145460.00	0.01442	596000.00	4145460.00	0.01374
595730.00	4145470.00	0.11199	595740.00	4145470.00	0.09749
595750.00	4145470.00	0.08564	595760.00	4145470.00	0.07583
595770.00	4145470.00	0.06763	595780.00	4145470.00	0.06072
595790.00	4145470.00	0.05486	595800.00	4145470.00	0.04983
595810.00	4145470.00	0.04548	595820.00	4145470.00	0.04168
595830.00	4145470.00	0.03835	595840.00	4145470.00	0.03540
595850.00	4145470.00	0.03278	595860.00	4145470.00	0.03044
595870.00	4145470.00	0.02834	595880.00	4145470.00	0.02645
595890.00	4145470.00	0.02475	595900.00	4145470.00	0.02321
595910.00	4145470.00	0.02181	595920.00	4145470.00	0.02053
595930.00	4145470.00	0.01937	595940.00	4145470.00	0.01830
595950.00	4145470.00	0.01732	595960.00	4145470.00	0.01642
595970.00	4145470.00	0.01559	595980.00	4145470.00	0.01482
595990.00	4145470.00	0.01411	596000.00	4145470.00	0.01345
595720.00	4145480.00	0.12193	595730.00	4145480.00	0.10564
595740.00	4145480.00	0.09244	595750.00	4145480.00	0.08157
595760.00	4145480.00	0.07247	595770.00	4145480.00	0.06481
595780.00	4145480.00	0.05831	595790.00	4145480.00	0.05276
595800.00	4145480.00	0.04799	595810.00	4145480.00	0.04385
595820.00	4145480.00	0.04024	595830.00	4145480.00	0.03706
595840.00	4145480.00	0.03425	595850.00	4145480.00	0.03175
595860.00	4145480.00	0.02952	595870.00	4145480.00	0.02751
595880.00	4145480.00	0.02570	595890.00	4145480.00	0.02407
595900.00	4145480.00	0.02259	595910.00	4145480.00	0.02124
595920.00	4145480.00	0.02001	595930.00	4145480.00	0.01889
595940.00	4145480.00	0.01786	595950.00	4145480.00	0.01692
595960.00	4145480.00	0.01604	595970.00	4145480.00	0.01524
595980.00	4145480.00	0.01450	595990.00	4145480.00	0.01381
595720.00	4145490.00	0.11433	595730.00	4145490.00	0.09960
595740.00	4145490.00	0.08757	595750.00	4145490.00	0.07759
595760.00	4145490.00	0.06917	595770.00	4145490.00	0.06203
595780.00	4145490.00	0.05594	595790.00	4145490.00	0.05070
595800.00	4145490.00	0.04617	595810.00	4145490.00	0.04224
595820.00	4145490.00	0.03880	595830.00	4145490.00	0.03578
595840.00	4145490.00	0.03311	595850.00	4145490.00	0.03073

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PM2.5 ***
INCLUDING SOURCE(S): PM2.5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595860.00	4145490.00	0.02860	595870.00	4145490.00	0.02668
595880.00	4145490.00	0.02495	595890.00	4145490.00	0.02339
595900.00	4145490.00	0.02197	595910.00	4145490.00	0.02068
595920.00	4145490.00	0.01950	595930.00	4145490.00	0.01842
595940.00	4145490.00	0.01743	595950.00	4145490.00	0.01651
595960.00	4145490.00	0.01568	595970.00	4145490.00	0.01490
595980.00	4145490.00	0.01418	595710.00	4145500.00	0.12367
595720.00	4145500.00	0.10719	595730.00	4145500.00	0.09386
595740.00	4145500.00	0.08288	595750.00	4145500.00	0.07371
595760.00	4145500.00	0.06595	595770.00	4145500.00	0.05932
595780.00	4145500.00	0.05361	595790.00	4145500.00	0.04868
595800.00	4145500.00	0.04440	595810.00	4145500.00	0.04067
595820.00	4145500.00	0.03740	595830.00	4145500.00	0.03453
595840.00	4145500.00	0.03198	595850.00	4145500.00	0.02971
595860.00	4145500.00	0.02768	595870.00	4145500.00	0.02586
595880.00	4145500.00	0.02421	595890.00	4145500.00	0.02272
595900.00	4145500.00	0.02136	595910.00	4145500.00	0.02012
595920.00	4145500.00	0.01899	595930.00	4145500.00	0.01795
595940.00	4145500.00	0.01700	595950.00	4145500.00	0.01612
595960.00	4145500.00	0.01531	595970.00	4145500.00	0.01456
595980.00	4145500.00	0.01387	595710.00	4145510.00	0.11534
595720.00	4145510.00	0.10052	595730.00	4145510.00	0.08842
595740.00	4145510.00	0.07838	595750.00	4145510.00	0.06997
595760.00	4145510.00	0.06280	595770.00	4145510.00	0.05665
595780.00	4145510.00	0.05133	595790.00	4145510.00	0.04670
595800.00	4145510.00	0.04267	595810.00	4145510.00	0.03914
595820.00	4145510.00	0.03604	595830.00	4145510.00	0.03331
595840.00	4145510.00	0.03088	595850.00	4145510.00	0.02872
595860.00	4145510.00	0.02679	595870.00	4145510.00	0.02505
595880.00	4145510.00	0.02347	595890.00	4145510.00	0.02205
595900.00	4145510.00	0.02075	595910.00	4145510.00	0.01957
595920.00	4145510.00	0.01849	595930.00	4145510.00	0.01749
595940.00	4145510.00	0.01657	595950.00	4145510.00	0.01573
595960.00	4145510.00	0.01495	595970.00	4145510.00	0.01423
595700.00	4145520.00	0.12412	595710.00	4145520.00	0.10761
595720.00	4145520.00	0.09425	595730.00	4145520.00	0.08325
595740.00	4145520.00	0.07409	595750.00	4145520.00	0.06635
595760.00	4145520.00	0.05974	595770.00	4145520.00	0.05404
595780.00	4145520.00	0.04909	595790.00	4145520.00	0.04477
595800.00	4145520.00	0.04098	595810.00	4145520.00	0.03765

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PM2.5 ***
INCLUDING SOURCE(S): PM2.5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595820.00	4145520.00	0.03472	595830.00	4145520.00	0.03212
595840.00	4145520.00	0.02981	595850.00	4145520.00	0.02776
595860.00	4145520.00	0.02591	595870.00	4145520.00	0.02425
595880.00	4145520.00	0.02275	595890.00	4145520.00	0.02140
595900.00	4145520.00	0.02016	595910.00	4145520.00	0.01902
595920.00	4145520.00	0.01799	595930.00	4145520.00	0.01704
595940.00	4145520.00	0.01616	595950.00	4145520.00	0.01535
595960.00	4145520.00	0.01460	595970.00	4145520.00	0.01390
595700.00	4145530.00	0.11520	595710.00	4145530.00	0.10042
595720.00	4145530.00	0.08836	595730.00	4145530.00	0.07836
595740.00	4145530.00	0.06999	595750.00	4145530.00	0.06287
595760.00	4145530.00	0.05678	595770.00	4145530.00	0.05151
595780.00	4145530.00	0.04691	595790.00	4145530.00	0.04288
595800.00	4145530.00	0.03934	595810.00	4145530.00	0.03620
595820.00	4145530.00	0.03343	595830.00	4145530.00	0.03097
595840.00	4145530.00	0.02878	595850.00	4145530.00	0.02682
595860.00	4145530.00	0.02506	595870.00	4145530.00	0.02348
595880.00	4145530.00	0.02205	595890.00	4145530.00	0.02075
595900.00	4145530.00	0.01957	595910.00	4145530.00	0.01849
595920.00	4145530.00	0.01750	595930.00	4145530.00	0.01658
595940.00	4145530.00	0.01574	595950.00	4145530.00	0.01497
595960.00	4145530.00	0.01425	595690.00	4145540.00	0.12334
595700.00	4145540.00	0.10699	595710.00	4145540.00	0.09373
595720.00	4145540.00	0.08283	595730.00	4145540.00	0.07374
595740.00	4145540.00	0.06607	595750.00	4145540.00	0.05955
595760.00	4145540.00	0.05393	595770.00	4145540.00	0.04906
595780.00	4145540.00	0.04480	595790.00	4145540.00	0.04105
595800.00	4145540.00	0.03774	595810.00	4145540.00	0.03480
595820.00	4145540.00	0.03218	595830.00	4145540.00	0.02986
595840.00	4145540.00	0.02778	595850.00	4145540.00	0.02592
595860.00	4145540.00	0.02424	595870.00	4145540.00	0.02274
595880.00	4145540.00	0.02137	595890.00	4145540.00	0.02013
595900.00	4145540.00	0.01900	595910.00	4145540.00	0.01797
595920.00	4145540.00	0.01702	595930.00	4145540.00	0.01615
595940.00	4145540.00	0.01534	595950.00	4145540.00	0.01459
595960.00	4145540.00	0.01390	595690.00	4145550.00	0.11397
595700.00	4145550.00	0.09940	595710.00	4145550.00	0.08750
595720.00	4145550.00	0.07763	595730.00	4145550.00	0.06936
595740.00	4145550.00	0.06235	595750.00	4145550.00	0.05637
595760.00	4145550.00	0.05120	595770.00	4145550.00	0.04670

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PM2.5 ***
INCLUDING SOURCE(S): PM2.5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595780.00	4145550.00	0.04276	595790.00	4145550.00	0.03928
595800.00	4145550.00	0.03619	595810.00	4145550.00	0.03344
595820.00	4145550.00	0.03098	595830.00	4145550.00	0.02878
595840.00	4145550.00	0.02682	595850.00	4145550.00	0.02504
595860.00	4145550.00	0.02345	595870.00	4145550.00	0.02201
595880.00	4145550.00	0.02071	595890.00	4145550.00	0.01953
595900.00	4145550.00	0.01845	595910.00	4145550.00	0.01746
595920.00	4145550.00	0.01655	595930.00	4145550.00	0.01571
595940.00	4145550.00	0.01494	595950.00	4145550.00	0.01423
595680.00	4145560.00	0.12143	595690.00	4145560.00	0.10537
595700.00	4145560.00	0.09238	595710.00	4145560.00	0.08168
595720.00	4145560.00	0.07275	595730.00	4145560.00	0.06523
595740.00	4145560.00	0.05884	595750.00	4145560.00	0.05335
595760.00	4145560.00	0.04859	595770.00	4145560.00	0.04444
595780.00	4145560.00	0.04079	595790.00	4145560.00	0.03756
595800.00	4145560.00	0.03469	595810.00	4145560.00	0.03212
595820.00	4145560.00	0.02981	595830.00	4145560.00	0.02775
595840.00	4145560.00	0.02588	595850.00	4145560.00	0.02421
595860.00	4145560.00	0.02269	595870.00	4145560.00	0.02132
595880.00	4145560.00	0.02008	595890.00	4145560.00	0.01894
595900.00	4145560.00	0.01791	595910.00	4145560.00	0.01696
595920.00	4145560.00	0.01609	595930.00	4145560.00	0.01529
595940.00	4145560.00	0.01455	595950.00	4145560.00	0.01386
595680.00	4145570.00	0.11168	595690.00	4145570.00	0.09747
595700.00	4145570.00	0.08587	595710.00	4145570.00	0.07625
595720.00	4145570.00	0.06818	595730.00	4145570.00	0.06135
595740.00	4145570.00	0.05551	595750.00	4145570.00	0.05048
595760.00	4145570.00	0.04611	595770.00	4145570.00	0.04228
595780.00	4145570.00	0.03891	595790.00	4145570.00	0.03591
595800.00	4145570.00	0.03324	595810.00	4145570.00	0.03084
595820.00	4145570.00	0.02868	595830.00	4145570.00	0.02674
595840.00	4145570.00	0.02499	595850.00	4145570.00	0.02340
595860.00	4145570.00	0.02196	595870.00	4145570.00	0.02065
595880.00	4145570.00	0.01946	595890.00	4145570.00	0.01838
595900.00	4145570.00	0.01739	595910.00	4145570.00	0.01648
595920.00	4145570.00	0.01565	595930.00	4145570.00	0.01488
595940.00	4145570.00	0.01417	595670.00	4145580.00	0.11836
595680.00	4145580.00	0.10280	595690.00	4145580.00	0.09020
595700.00	4145580.00	0.07984	595710.00	4145580.00	0.07119
595720.00	4145580.00	0.06390	595730.00	4145580.00	0.05769

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PM2.5 ***
INCLUDING SOURCE(S): PM2.5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595740.00	4145580.00	0.05237	595750.00	4145580.00	0.04776
595760.00	4145580.00	0.04374	595770.00	4145580.00	0.04022
595780.00	4145580.00	0.03710	595790.00	4145580.00	0.03433
595800.00	4145580.00	0.03185	595810.00	4145580.00	0.02961
595820.00	4145580.00	0.02760	595830.00	4145580.00	0.02577
595840.00	4145580.00	0.02411	595850.00	4145580.00	0.02261
595860.00	4145580.00	0.02125	595870.00	4145580.00	0.02000
595880.00	4145580.00	0.01887	595890.00	4145580.00	0.01784
595900.00	4145580.00	0.01689	595910.00	4145580.00	0.01602
595920.00	4145580.00	0.01522	595930.00	4145580.00	0.01448
595940.00	4145580.00	0.01379	595670.00	4145590.00	0.10837
595680.00	4145590.00	0.09468	595690.00	4145590.00	0.08351
595700.00	4145590.00	0.07425	595710.00	4145590.00	0.06649
595720.00	4145590.00	0.05991	595730.00	4145590.00	0.05427
595740.00	4145590.00	0.04942	595750.00	4145590.00	0.04521
595760.00	4145590.00	0.04151	595770.00	4145590.00	0.03827
595780.00	4145590.00	0.03539	595790.00	4145590.00	0.03282
595800.00	4145590.00	0.03051	595810.00	4145590.00	0.02843
595820.00	4145590.00	0.02654	595830.00	4145590.00	0.02483
595840.00	4145590.00	0.02327	595850.00	4145590.00	0.02186
595860.00	4145590.00	0.02056	595870.00	4145590.00	0.01938
595880.00	4145590.00	0.01830	595890.00	4145590.00	0.01731
595900.00	4145590.00	0.01640	595910.00	4145590.00	0.01557
595920.00	4145590.00	0.01480	595930.00	4145590.00	0.01409
595660.00	4145600.00	0.11420	595670.00	4145600.00	0.09930
595680.00	4145600.00	0.08726	595690.00	4145600.00	0.07735
595700.00	4145600.00	0.06910	595710.00	4145600.00	0.06213
595720.00	4145600.00	0.05619	595730.00	4145600.00	0.05108
595740.00	4145600.00	0.04665	595750.00	4145600.00	0.04279
595760.00	4145600.00	0.03940	595770.00	4145600.00	0.03641
595780.00	4145600.00	0.03375	595790.00	4145600.00	0.03137
595800.00	4145600.00	0.02923	595810.00	4145600.00	0.02729
595820.00	4145600.00	0.02553	595830.00	4145600.00	0.02393
595840.00	4145600.00	0.02246	595850.00	4145600.00	0.02112
595860.00	4145600.00	0.01990	595870.00	4145600.00	0.01877
595880.00	4145600.00	0.01774	595890.00	4145600.00	0.01680
595900.00	4145600.00	0.01593	595910.00	4145600.00	0.01513
595920.00	4145600.00	0.01439	595930.00	4145600.00	0.01371
595650.00	4145610.00	0.12031	595660.00	4145610.00	0.10406
595670.00	4145610.00	0.09106	595680.00	4145610.00	0.08047

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PM2.5 ***
INCLUDING SOURCE(S): PM2.5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595690.00	4145610.00	0.07170	595700.00	4145610.00	0.06433
595710.00	4145610.00	0.05808	595720.00	4145610.00	0.05272
595730.00	4145610.00	0.04808	595740.00	4145610.00	0.04405
595750.00	4145610.00	0.04052	595760.00	4145610.00	0.03741
595770.00	4145610.00	0.03465	595780.00	4145610.00	0.03219
595790.00	4145610.00	0.02999	595800.00	4145610.00	0.02799
595810.00	4145610.00	0.02619	595820.00	4145610.00	0.02455
595830.00	4145610.00	0.02305	595840.00	4145610.00	0.02167
595850.00	4145610.00	0.02041	595860.00	4145610.00	0.01925
595870.00	4145610.00	0.01818	595880.00	4145610.00	0.01720
595890.00	4145610.00	0.01630	595900.00	4145610.00	0.01547
595910.00	4145610.00	0.01470	595920.00	4145610.00	0.01399
595650.00	4145620.00	0.10895	595660.00	4145620.00	0.09494
595670.00	4145620.00	0.08360	595680.00	4145620.00	0.07429
595690.00	4145620.00	0.06652	595700.00	4145620.00	0.05994
595710.00	4145620.00	0.05433	595720.00	4145620.00	0.04950
595730.00	4145620.00	0.04529	595740.00	4145620.00	0.04162
595750.00	4145620.00	0.03838	595760.00	4145620.00	0.03553
595770.00	4145620.00	0.03299	595780.00	4145620.00	0.03071
595790.00	4145620.00	0.02866	595800.00	4145620.00	0.02682
595810.00	4145620.00	0.02513	595820.00	4145620.00	0.02360
595830.00	4145620.00	0.02220	595840.00	4145620.00	0.02090
595850.00	4145620.00	0.01971	595860.00	4145620.00	0.01862
595870.00	4145620.00	0.01761	595880.00	4145620.00	0.01668
595890.00	4145620.00	0.01582	595900.00	4145620.00	0.01502
595910.00	4145620.00	0.01429	595920.00	4145620.00	0.01361
595640.00	4145630.00	0.11395	595650.00	4145630.00	0.09883
595660.00	4145630.00	0.08672	595670.00	4145630.00	0.07684
595680.00	4145630.00	0.06865	595690.00	4145630.00	0.06176
595700.00	4145630.00	0.05591	595710.00	4145630.00	0.05087
595720.00	4145630.00	0.04650	595730.00	4145630.00	0.04269
595740.00	4145630.00	0.03934	595750.00	4145630.00	0.03638
595760.00	4145630.00	0.03375	595770.00	4145630.00	0.03140
595780.00	4145630.00	0.02930	595790.00	4145630.00	0.02741
595800.00	4145630.00	0.02568	595810.00	4145630.00	0.02412
595820.00	4145630.00	0.02269	595830.00	4145630.00	0.02137
595840.00	4145630.00	0.02016	595850.00	4145630.00	0.01904
595860.00	4145630.00	0.01801	595870.00	4145630.00	0.01705
595880.00	4145630.00	0.01617	595890.00	4145630.00	0.01535
595900.00	4145630.00	0.01459	595910.00	4145630.00	0.01389

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PM2.5 ***
INCLUDING SOURCE(S): PM2.5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595640.00	4145640.00	0.10271	595650.00	4145640.00	0.08979
595660.00	4145640.00	0.07933	595670.00	4145640.00	0.07072
595680.00	4145640.00	0.06352	595690.00	4145640.00	0.05741
595700.00	4145640.00	0.05219	595710.00	4145640.00	0.04766
595720.00	4145640.00	0.04372	595730.00	4145640.00	0.04026
595740.00	4145640.00	0.03720	595750.00	4145640.00	0.03449
595760.00	4145640.00	0.03207	595770.00	4145640.00	0.02991
595780.00	4145640.00	0.02796	595790.00	4145640.00	0.02620
595800.00	4145640.00	0.02460	595810.00	4145640.00	0.02314
595820.00	4145640.00	0.02180	595830.00	4145640.00	0.02057
595840.00	4145640.00	0.01944	595850.00	4145640.00	0.01839
595860.00	4145640.00	0.01742	595870.00	4145640.00	0.01651
595880.00	4145640.00	0.01567	595890.00	4145640.00	0.01490
595900.00	4145640.00	0.01417	595910.00	4145640.00	0.01350
595630.00	4145650.00	0.10653	595640.00	4145650.00	0.09278
595650.00	4145650.00	0.08174	595660.00	4145650.00	0.07269
595670.00	4145650.00	0.06519	595680.00	4145650.00	0.05884
595690.00	4145650.00	0.05343	595700.00	4145650.00	0.04875
595710.00	4145650.00	0.04469	595720.00	4145650.00	0.04112
595730.00	4145650.00	0.03798	595740.00	4145650.00	0.03519
595750.00	4145650.00	0.03270	595760.00	4145650.00	0.03048
595770.00	4145650.00	0.02849	595780.00	4145650.00	0.02669
595790.00	4145650.00	0.02505	595800.00	4145650.00	0.02357
595810.00	4145650.00	0.02220	595820.00	4145650.00	0.02096
595830.00	4145650.00	0.01981	595840.00	4145650.00	0.01874
595850.00	4145650.00	0.01776	595860.00	4145650.00	0.01684
595870.00	4145650.00	0.01599	595880.00	4145650.00	0.01519
595890.00	4145650.00	0.01445	595900.00	4145650.00	0.01377
595630.00	4145660.00	0.09562	595640.00	4145660.00	0.08401
595650.00	4145660.00	0.07455	595660.00	4145660.00	0.06673
595670.00	4145660.00	0.06017	595680.00	4145660.00	0.05457
595690.00	4145660.00	0.04977	595700.00	4145660.00	0.04559
595710.00	4145660.00	0.04194	595720.00	4145660.00	0.03871
595730.00	4145660.00	0.03585	595740.00	4145660.00	0.03331
595750.00	4145660.00	0.03103	595760.00	4145660.00	0.02898
595770.00	4145660.00	0.02714	595780.00	4145660.00	0.02547
595790.00	4145660.00	0.02396	595800.00	4145660.00	0.02258
595810.00	4145660.00	0.02131	595820.00	4145660.00	0.02014
595830.00	4145660.00	0.01907	595840.00	4145660.00	0.01807
595850.00	4145660.00	0.01714	595860.00	4145660.00	0.01628

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PM2.5 ***
INCLUDING SOURCE(S): PM2.5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595870.00	4145660.00	0.01548	595880.00	4145660.00	0.01473
595890.00	4145660.00	0.01403	595900.00	4145660.00	0.01337
595620.00	4145670.00	0.09824	595630.00	4145670.00	0.08609
595640.00	4145670.00	0.07627	595650.00	4145670.00	0.06816
595660.00	4145670.00	0.06138	595670.00	4145670.00	0.05563
595680.00	4145670.00	0.05069	595690.00	4145670.00	0.04642
595700.00	4145670.00	0.04268	595710.00	4145670.00	0.03939
595720.00	4145670.00	0.03647	595730.00	4145670.00	0.03387
595740.00	4145670.00	0.03155	595750.00	4145670.00	0.02946
595760.00	4145670.00	0.02758	595770.00	4145670.00	0.02588
595780.00	4145670.00	0.02433	595790.00	4145670.00	0.02293
595800.00	4145670.00	0.02164	595810.00	4145670.00	0.02046
595820.00	4145670.00	0.01937	595830.00	4145670.00	0.01836
595840.00	4145670.00	0.01743	595850.00	4145670.00	0.01656
595860.00	4145670.00	0.01575	595870.00	4145670.00	0.01499
595880.00	4145670.00	0.01428	595890.00	4145670.00	0.01362
595620.00	4145680.00	0.08796	595630.00	4145680.00	0.07779
595640.00	4145680.00	0.06944	595650.00	4145680.00	0.06247
595660.00	4145680.00	0.05658	595670.00	4145680.00	0.05152
595680.00	4145680.00	0.04717	595690.00	4145680.00	0.04336
595700.00	4145680.00	0.04001	595710.00	4145680.00	0.03704
595720.00	4145680.00	0.03440	595730.00	4145680.00	0.03203
595740.00	4145680.00	0.02991	595750.00	4145680.00	0.02800
595760.00	4145680.00	0.02626	595770.00	4145680.00	0.02469
595780.00	4145680.00	0.02326	595790.00	4145680.00	0.02195
595800.00	4145680.00	0.02076	595810.00	4145680.00	0.01966
595820.00	4145680.00	0.01864	595830.00	4145680.00	0.01770
595840.00	4145680.00	0.01682	595850.00	4145680.00	0.01600
595860.00	4145680.00	0.01524	595870.00	4145680.00	0.01452
595880.00	4145680.00	0.01385	595610.00	4145690.00	0.08953
595620.00	4145690.00	0.07911	595630.00	4145690.00	0.07055
595640.00	4145690.00	0.06344	595650.00	4145690.00	0.05742
595660.00	4145690.00	0.05229	595670.00	4145690.00	0.04785
595680.00	4145690.00	0.04398	595690.00	4145690.00	0.04058
595700.00	4145690.00	0.03758	595710.00	4145690.00	0.03490
595720.00	4145690.00	0.03250	595730.00	4145690.00	0.03035
595740.00	4145690.00	0.02840	595750.00	4145690.00	0.02664
595760.00	4145690.00	0.02504	595770.00	4145690.00	0.02359
595780.00	4145690.00	0.02226	595790.00	4145690.00	0.02105
595800.00	4145690.00	0.01993	595810.00	4145690.00	0.01890

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PM2.5 ***
INCLUDING SOURCE(S): PM2.5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595820.00	4145690.00	0.01795	595830.00	4145690.00	0.01706
595840.00	4145690.00	0.01624	595850.00	4145690.00	0.01548
595860.00	4145690.00	0.01475	595870.00	4145690.00	0.01408
595880.00	4145690.00	0.01344	595610.00	4145700.00	0.08020
595620.00	4145700.00	0.07153	595630.00	4145700.00	0.06430
595640.00	4145700.00	0.05819	595650.00	4145700.00	0.05297
595660.00	4145700.00	0.04848	595670.00	4145700.00	0.04456
595680.00	4145700.00	0.04112	595690.00	4145700.00	0.03807
595700.00	4145700.00	0.03537	595710.00	4145700.00	0.03294
595720.00	4145700.00	0.03076	595730.00	4145700.00	0.02879
595740.00	4145700.00	0.02701	595750.00	4145700.00	0.02539
595760.00	4145700.00	0.02391	595770.00	4145700.00	0.02256
595780.00	4145700.00	0.02133	595790.00	4145700.00	0.02020
595800.00	4145700.00	0.01915	595810.00	4145700.00	0.01819
595820.00	4145700.00	0.01730	595830.00	4145700.00	0.01647
595840.00	4145700.00	0.01569	595850.00	4145700.00	0.01497
595860.00	4145700.00	0.01429	595870.00	4145700.00	0.01365
595600.00	4145710.00	0.08110	595610.00	4145710.00	0.07235
595620.00	4145710.00	0.06505	595630.00	4145710.00	0.05888
595640.00	4145710.00	0.05361	595650.00	4145710.00	0.04905
595660.00	4145710.00	0.04510	595670.00	4145710.00	0.04162
595680.00	4145710.00	0.03854	595690.00	4145710.00	0.03581
595700.00	4145710.00	0.03337	595710.00	4145710.00	0.03116
595720.00	4145710.00	0.02917	595730.00	4145710.00	0.02737
595740.00	4145710.00	0.02573	595750.00	4145710.00	0.02423
595760.00	4145710.00	0.02286	595770.00	4145710.00	0.02161
595780.00	4145710.00	0.02046	595790.00	4145710.00	0.01940
595800.00	4145710.00	0.01843	595810.00	4145710.00	0.01753
595820.00	4145710.00	0.01669	595830.00	4145710.00	0.01591
595840.00	4145710.00	0.01518	595850.00	4145710.00	0.01450
595860.00	4145710.00	0.01385	595870.00	4145710.00	0.01325
595590.00	4145720.00	0.08154	595600.00	4145720.00	0.07287
595610.00	4145720.00	0.06560	595620.00	4145720.00	0.05942
595630.00	4145720.00	0.05413	595640.00	4145720.00	0.04955
595650.00	4145720.00	0.04556	595660.00	4145720.00	0.04206
595670.00	4145720.00	0.03897	595680.00	4145720.00	0.03622
595690.00	4145720.00	0.03375	595700.00	4145720.00	0.03153
595710.00	4145720.00	0.02953	595720.00	4145720.00	0.02771
595730.00	4145720.00	0.02605	595740.00	4145720.00	0.02454
595750.00	4145720.00	0.02316	595760.00	4145720.00	0.02189

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PM2.5 ***
INCLUDING SOURCE(S): PM2.5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595770.00	4145720.00	0.02072	595780.00	4145720.00	0.01965
595790.00	4145720.00	0.01866	595800.00	4145720.00	0.01775
595810.00	4145720.00	0.01690	595820.00	4145720.00	0.01611
595830.00	4145720.00	0.01538	595840.00	4145720.00	0.01469
595850.00	4145720.00	0.01405	595860.00	4145720.00	0.01344
595580.00	4145730.00	0.08133	595590.00	4145730.00	0.07290
595600.00	4145730.00	0.06577	595610.00	4145730.00	0.05968
595620.00	4145730.00	0.05444	595630.00	4145730.00	0.04988
595640.00	4145730.00	0.04590	595650.00	4145730.00	0.04241
595660.00	4145730.00	0.03931	595670.00	4145730.00	0.03655
595680.00	4145730.00	0.03408	595690.00	4145730.00	0.03186
595700.00	4145730.00	0.02984	595710.00	4145730.00	0.02802
595720.00	4145730.00	0.02635	595730.00	4145730.00	0.02483
595740.00	4145730.00	0.02344	595750.00	4145730.00	0.02215
595760.00	4145730.00	0.02098	595770.00	4145730.00	0.01989
595780.00	4145730.00	0.01889	595790.00	4145730.00	0.01797
595800.00	4145730.00	0.01711	595810.00	4145730.00	0.01631
595820.00	4145730.00	0.01557	595830.00	4145730.00	0.01488
595840.00	4145730.00	0.01423	595850.00	4145730.00	0.01362
595860.00	4145730.00	0.01305	595570.00	4145740.00	0.08064
595580.00	4145740.00	0.07251	595590.00	4145740.00	0.06558
595600.00	4145740.00	0.05962	595610.00	4145740.00	0.05448
595620.00	4145740.00	0.05000	595630.00	4145740.00	0.04607
595640.00	4145740.00	0.04260	595650.00	4145740.00	0.03952
595660.00	4145740.00	0.03678	595670.00	4145740.00	0.03432
595680.00	4145740.00	0.03210	595690.00	4145740.00	0.03010
595700.00	4145740.00	0.02827	595710.00	4145740.00	0.02661
595720.00	4145740.00	0.02508	595730.00	4145740.00	0.02368
595740.00	4145740.00	0.02240	595750.00	4145740.00	0.02121
595760.00	4145740.00	0.02011	595770.00	4145740.00	0.01910
595780.00	4145740.00	0.01817	595790.00	4145740.00	0.01730
595800.00	4145740.00	0.01650	595810.00	4145740.00	0.01575
595820.00	4145740.00	0.01505	595830.00	4145740.00	0.01440
595840.00	4145740.00	0.01379	595850.00	4145740.00	0.01321
595560.00	4145750.00	0.07908	595570.00	4145750.00	0.07166
595580.00	4145750.00	0.06511	595590.00	4145750.00	0.05937
595600.00	4145750.00	0.05434	595610.00	4145750.00	0.04994
595620.00	4145750.00	0.04606	595630.00	4145750.00	0.04265
595640.00	4145750.00	0.03960	595650.00	4145750.00	0.03689
595660.00	4145750.00	0.03446	595670.00	4145750.00	0.03226

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PM2.5 ***
INCLUDING SOURCE(S): PM2.5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595680.00	4145750.00	0.03027	595690.00	4145750.00	0.02846
595700.00	4145750.00	0.02680	595710.00	4145750.00	0.02528
595720.00	4145750.00	0.02389	595730.00	4145750.00	0.02260
595740.00	4145750.00	0.02141	595750.00	4145750.00	0.02032
595760.00	4145750.00	0.01930	595770.00	4145750.00	0.01836
595780.00	4145750.00	0.01749	595790.00	4145750.00	0.01667
595800.00	4145750.00	0.01592	595810.00	4145750.00	0.01522
595820.00	4145750.00	0.01456	595830.00	4145750.00	0.01394
595840.00	4145750.00	0.01336	595850.00	4145750.00	0.01282
595540.00	4145760.00	0.08507	595550.00	4145760.00	0.07694
595560.00	4145760.00	0.07007	595570.00	4145760.00	0.06409
595580.00	4145760.00	0.05877	595590.00	4145760.00	0.05401
595600.00	4145760.00	0.04976	595610.00	4145760.00	0.04596
595620.00	4145760.00	0.04259	595630.00	4145760.00	0.03959
595640.00	4145760.00	0.03691	595650.00	4145760.00	0.03450
595660.00	4145760.00	0.03233	595670.00	4145760.00	0.03036
595680.00	4145760.00	0.02857	595690.00	4145760.00	0.02693
595700.00	4145760.00	0.02542	595710.00	4145760.00	0.02404
595720.00	4145760.00	0.02276	595730.00	4145760.00	0.02158
595740.00	4145760.00	0.02048	595750.00	4145760.00	0.01946
595760.00	4145760.00	0.01852	595770.00	4145760.00	0.01764
595780.00	4145760.00	0.01683	595790.00	4145760.00	0.01607
595800.00	4145760.00	0.01536	595810.00	4145760.00	0.01470
595820.00	4145760.00	0.01408	595830.00	4145760.00	0.01350
595840.00	4145760.00	0.01296	595510.00	4145770.00	0.10029
595520.00	4145770.00	0.09094	595530.00	4145770.00	0.08240
595540.00	4145770.00	0.07489	595550.00	4145770.00	0.06834
595560.00	4145770.00	0.06264	595570.00	4145770.00	0.05769
595580.00	4145770.00	0.05330	595590.00	4145770.00	0.04932
595600.00	4145770.00	0.04572	595610.00	4145770.00	0.04245
595620.00	4145770.00	0.03951	595630.00	4145770.00	0.03686
595640.00	4145770.00	0.03448	595650.00	4145770.00	0.03234
595660.00	4145770.00	0.03039	595670.00	4145770.00	0.02862
595680.00	4145770.00	0.02699	595690.00	4145770.00	0.02550
595700.00	4145770.00	0.02413	595710.00	4145770.00	0.02287
595720.00	4145770.00	0.02170	595730.00	4145770.00	0.02061
595740.00	4145770.00	0.01960	595750.00	4145770.00	0.01866
595760.00	4145770.00	0.01778	595770.00	4145770.00	0.01696
595780.00	4145770.00	0.01620	595790.00	4145770.00	0.01549
595800.00	4145770.00	0.01483	595810.00	4145770.00	0.01421

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PM2.5 ***
INCLUDING SOURCE(S): PM2.5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595820.00	4145770.00	0.01362	595830.00	4145770.00	0.01308
595840.00	4145770.00	0.01256	595470.00	4145780.00	0.11250
595480.00	4145780.00	0.10826	595490.00	4145780.00	0.10227
595500.00	4145780.00	0.09496	595510.00	4145780.00	0.08721
595520.00	4145780.00	0.07968	595530.00	4145780.00	0.07278
595540.00	4145780.00	0.06665	595550.00	4145780.00	0.06126
595560.00	4145780.00	0.05644	595570.00	4145780.00	0.05227
595580.00	4145780.00	0.04855	595590.00	4145780.00	0.04518
595600.00	4145780.00	0.04213	595610.00	4145780.00	0.03932
595620.00	4145780.00	0.03676	595630.00	4145780.00	0.03442
595640.00	4145780.00	0.03230	595650.00	4145780.00	0.03037
595660.00	4145780.00	0.02862	595670.00	4145780.00	0.02701
595680.00	4145780.00	0.02554	595690.00	4145780.00	0.02419
595700.00	4145780.00	0.02293	595710.00	4145780.00	0.02177
595720.00	4145780.00	0.02070	595730.00	4145780.00	0.01969
595740.00	4145780.00	0.01876	595750.00	4145780.00	0.01789
595760.00	4145780.00	0.01707	595770.00	4145780.00	0.01631
595780.00	4145780.00	0.01560	595790.00	4145780.00	0.01494
595800.00	4145780.00	0.01431	595810.00	4145780.00	0.01373
595820.00	4145780.00	0.01318	595830.00	4145780.00	0.01267
595450.00	4145790.00	0.10326	595460.00	4145790.00	0.10212
595470.00	4145790.00	0.09934	595480.00	4145790.00	0.09502
595490.00	4145790.00	0.08950	595500.00	4145790.00	0.08325
595510.00	4145790.00	0.07682	595520.00	4145790.00	0.07065
595530.00	4145790.00	0.06496	595540.00	4145790.00	0.05985
595550.00	4145790.00	0.05535	595560.00	4145790.00	0.05121
595570.00	4145790.00	0.04762	595580.00	4145790.00	0.04443
595590.00	4145790.00	0.04155	595600.00	4145790.00	0.03892
595610.00	4145790.00	0.03650	595620.00	4145790.00	0.03426
595630.00	4145790.00	0.03220	595640.00	4145790.00	0.03032
595650.00	4145790.00	0.02859	595660.00	4145790.00	0.02700
595670.00	4145790.00	0.02555	595680.00	4145790.00	0.02421
595690.00	4145790.00	0.02297	595700.00	4145790.00	0.02182
595710.00	4145790.00	0.02075	595720.00	4145790.00	0.01976
595730.00	4145790.00	0.01883	595740.00	4145790.00	0.01797
595750.00	4145790.00	0.01716	595760.00	4145790.00	0.01640
595770.00	4145790.00	0.01569	595780.00	4145790.00	0.01503
595790.00	4145790.00	0.01440	595800.00	4145790.00	0.01382
595810.00	4145790.00	0.01327	595820.00	4145790.00	0.01275
595830.00	4145790.00	0.01227	595450.00	4145800.00	0.09302

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PM2.5 ***
INCLUDING SOURCE(S): PM2.5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595460.00	4145800.00	0.09128	595470.00	4145800.00	0.08827
595480.00	4145800.00	0.08410	595490.00	4145800.00	0.07915
595500.00	4145800.00	0.07379	595510.00	4145800.00	0.06840
595520.00	4145800.00	0.06325	595530.00	4145800.00	0.05847
595540.00	4145800.00	0.05415	595550.00	4145800.00	0.05029
595560.00	4145800.00	0.04675	595570.00	4145800.00	0.04363
595580.00	4145800.00	0.04084	595590.00	4145800.00	0.03833
595600.00	4145800.00	0.03605	595610.00	4145800.00	0.03394
595620.00	4145800.00	0.03200	595630.00	4145800.00	0.03019
595640.00	4145800.00	0.02851	595650.00	4145800.00	0.02696
595660.00	4145800.00	0.02553	595670.00	4145800.00	0.02420
595680.00	4145800.00	0.02298	595690.00	4145800.00	0.02184
595700.00	4145800.00	0.02078	595710.00	4145800.00	0.01980
595720.00	4145800.00	0.01888	595730.00	4145800.00	0.01803
595740.00	4145800.00	0.01722	595750.00	4145800.00	0.01647
595760.00	4145800.00	0.01576	595770.00	4145800.00	0.01510
595780.00	4145800.00	0.01448	595790.00	4145800.00	0.01389
595800.00	4145800.00	0.01335	595810.00	4145800.00	0.01283
595820.00	4145800.00	0.01234	595450.00	4145810.00	0.08404
595460.00	4145810.00	0.08198	595470.00	4145810.00	0.07890
595480.00	4145810.00	0.07501	595490.00	4145810.00	0.07061
595500.00	4145810.00	0.06600	595510.00	4145810.00	0.06142
595520.00	4145810.00	0.05706	595530.00	4145810.00	0.05300
595540.00	4145810.00	0.04931	595550.00	4145810.00	0.04597
595560.00	4145810.00	0.04291	595570.00	4145810.00	0.04016
595580.00	4145810.00	0.03771	595590.00	4145810.00	0.03550
595600.00	4145810.00	0.03349	595610.00	4145810.00	0.03163
595620.00	4145810.00	0.02992	595630.00	4145810.00	0.02833
595640.00	4145810.00	0.02685	595650.00	4145810.00	0.02546
595660.00	4145810.00	0.02416	595670.00	4145810.00	0.02296
595680.00	4145810.00	0.02184	595690.00	4145810.00	0.02080
595700.00	4145810.00	0.01983	595710.00	4145810.00	0.01892
595720.00	4145810.00	0.01807	595730.00	4145810.00	0.01727
595740.00	4145810.00	0.01652	595750.00	4145810.00	0.01582
595760.00	4145810.00	0.01516	595770.00	4145810.00	0.01454
595780.00	4145810.00	0.01396	595790.00	4145810.00	0.01341
595800.00	4145810.00	0.01289	595810.00	4145810.00	0.01241
595450.00	4145820.00	0.07615	595460.00	4145820.00	0.07394
595470.00	4145820.00	0.07095	595480.00	4145820.00	0.06737
595490.00	4145820.00	0.06349	595500.00	4145820.00	0.05950

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PM2.5 ***
INCLUDING SOURCE(S): PM2.5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595510.00	4145820.00	0.05557	595520.00	4145820.00	0.05183
595530.00	4145820.00	0.04834	595540.00	4145820.00	0.04515
595550.00	4145820.00	0.04224	595560.00	4145820.00	0.03956
595570.00	4145820.00	0.03714	595580.00	4145820.00	0.03495
595590.00	4145820.00	0.03298	595600.00	4145820.00	0.03119
595610.00	4145820.00	0.02955	595620.00	4145820.00	0.02803
595630.00	4145820.00	0.02662	595640.00	4145820.00	0.02530
595650.00	4145820.00	0.02406	595660.00	4145820.00	0.02290
595670.00	4145820.00	0.02181	595680.00	4145820.00	0.02079
595690.00	4145820.00	0.01983	595700.00	4145820.00	0.01893
595710.00	4145820.00	0.01809	595720.00	4145820.00	0.01730
595730.00	4145820.00	0.01656	595740.00	4145820.00	0.01586
595750.00	4145820.00	0.01521	595760.00	4145820.00	0.01459
595770.00	4145820.00	0.01401	595780.00	4145820.00	0.01346
595790.00	4145820.00	0.01294	595800.00	4145820.00	0.01246
595810.00	4145820.00	0.01200	595460.00	4145830.00	0.06698
595470.00	4145830.00	0.06414	595480.00	4145830.00	0.06092
595490.00	4145830.00	0.05748	595500.00	4145830.00	0.05400
595510.00	4145830.00	0.05059	595520.00	4145830.00	0.04734
595530.00	4145830.00	0.04432	595540.00	4145830.00	0.04153
595550.00	4145830.00	0.03898	595560.00	4145830.00	0.03662
595570.00	4145830.00	0.03447	595580.00	4145830.00	0.03252
595590.00	4145830.00	0.03075	595600.00	4145830.00	0.02913
595610.00	4145830.00	0.02767	595620.00	4145830.00	0.02632
595630.00	4145830.00	0.02506	595640.00	4145830.00	0.02388
595650.00	4145830.00	0.02277	595660.00	4145830.00	0.02172
595670.00	4145830.00	0.02073	595680.00	4145830.00	0.01980
595690.00	4145830.00	0.01892	595700.00	4145830.00	0.01810
595710.00	4145830.00	0.01732	595720.00	4145830.00	0.01658
595730.00	4145830.00	0.01589	595740.00	4145830.00	0.01524
595750.00	4145830.00	0.01463	595760.00	4145830.00	0.01405
595770.00	4145830.00	0.01350	595780.00	4145830.00	0.01299
595790.00	4145830.00	0.01250	595800.00	4145830.00	0.01204
595500.00	4145840.00	0.04928	595510.00	4145840.00	0.04630
595520.00	4145840.00	0.04347	595530.00	4145840.00	0.04082
595540.00	4145840.00	0.03837	595550.00	4145840.00	0.03612
595560.00	4145840.00	0.03403	595570.00	4145840.00	0.03210
595580.00	4145840.00	0.03035	595590.00	4145840.00	0.02875
595600.00	4145840.00	0.02729	595610.00	4145840.00	0.02597
595620.00	4145840.00	0.02475	595630.00	4145840.00	0.02361

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PM2.5 ***
INCLUDING SOURCE(S): PM2.5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595640.00	4145840.00	0.02256	595650.00	4145840.00	0.02157
595660.00	4145840.00	0.02062	595670.00	4145840.00	0.01973
595680.00	4145840.00	0.01888	595690.00	4145840.00	0.01807
595700.00	4145840.00	0.01731	595710.00	4145840.00	0.01659
595720.00	4145840.00	0.01591	595730.00	4145840.00	0.01527
595740.00	4145840.00	0.01466	595750.00	4145840.00	0.01408
595760.00	4145840.00	0.01354	595770.00	4145840.00	0.01303
595780.00	4145840.00	0.01254	595790.00	4145840.00	0.01208
595540.00	4145850.00	0.03558	595550.00	4145850.00	0.03358
595560.00	4145850.00	0.03172	595570.00	4145850.00	0.02999
595580.00	4145850.00	0.02841	595590.00	4145850.00	0.02696
595600.00	4145850.00	0.02564	595610.00	4145850.00	0.02443
595620.00	4145850.00	0.02332	595630.00	4145850.00	0.02230
595640.00	4145850.00	0.02134	595650.00	4145850.00	0.02044
595660.00	4145850.00	0.01959	595670.00	4145850.00	0.01878
595680.00	4145850.00	0.01801	595690.00	4145850.00	0.01728
595700.00	4145850.00	0.01658	595710.00	4145850.00	0.01591
595720.00	4145850.00	0.01528	595730.00	4145850.00	0.01468
595740.00	4145850.00	0.01411	595750.00	4145850.00	0.01357
595760.00	4145850.00	0.01306	595770.00	4145850.00	0.01258
595780.00	4145850.00	0.01212	595790.00	4145850.00	0.01169
595570.00	4145860.00	0.02810	595580.00	4145860.00	0.02667
595590.00	4145860.00	0.02535	595600.00	4145860.00	0.02414
595610.00	4145860.00	0.02303	595620.00	4145860.00	0.02202
595630.00	4145860.00	0.02109	595640.00	4145860.00	0.02021
595650.00	4145860.00	0.01940	595660.00	4145860.00	0.01863
595670.00	4145860.00	0.01789	595680.00	4145860.00	0.01719
595690.00	4145860.00	0.01652	595700.00	4145860.00	0.01588
595710.00	4145860.00	0.01527	595720.00	4145860.00	0.01468
595730.00	4145860.00	0.01412	595740.00	4145860.00	0.01359
595750.00	4145860.00	0.01309	595760.00	4145860.00	0.01261
595770.00	4145860.00	0.01215	595780.00	4145860.00	0.01172
595590.00	4145870.00	0.02389	595600.00	4145870.00	0.02278
595610.00	4145870.00	0.02177	595620.00	4145870.00	0.02083
595630.00	4145870.00	0.01997	595640.00	4145870.00	0.01918
595650.00	4145870.00	0.01843	595660.00	4145870.00	0.01773
595670.00	4145870.00	0.01706	595680.00	4145870.00	0.01642
595690.00	4145870.00	0.01581	595700.00	4145870.00	0.01522
595710.00	4145870.00	0.01466	595720.00	4145870.00	0.01411
595730.00	4145870.00	0.01360	595740.00	4145870.00	0.01310

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PM2.5 ***
INCLUDING SOURCE(S): PM2.5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595750.00	4145870.00	0.01263	595760.00	4145870.00	0.01218
595770.00	4145870.00	0.01175	595620.00	4145880.00	0.01975
595630.00	4145880.00	0.01895	595640.00	4145880.00	0.01822
595650.00	4145880.00	0.01754	595660.00	4145880.00	0.01689
595670.00	4145880.00	0.01628	595680.00	4145880.00	0.01569
595690.00	4145880.00	0.01513	595700.00	4145880.00	0.01460
595710.00	4145880.00	0.01408	595720.00	4145880.00	0.01358
595730.00	4145880.00	0.01309	595740.00	4145880.00	0.01263
595750.00	4145880.00	0.01219	595760.00	4145880.00	0.01177
595640.00	4145890.00	0.01734	595650.00	4145890.00	0.01670
595660.00	4145890.00	0.01611	595670.00	4145890.00	0.01554
595680.00	4145890.00	0.01501	595690.00	4145890.00	0.01449
595700.00	4145890.00	0.01400	595710.00	4145890.00	0.01352
595720.00	4145890.00	0.01306	595730.00	4145890.00	0.01261
595740.00	4145890.00	0.01218	595750.00	4145890.00	0.01177
595760.00	4145890.00	0.01137	595660.00	4145900.00	0.01538
595670.00	4145900.00	0.01486	595680.00	4145900.00	0.01436
595690.00	4145900.00	0.01389	595700.00	4145900.00	0.01344
595710.00	4145900.00	0.01300	595720.00	4145900.00	0.01257
595730.00	4145900.00	0.01216	595740.00	4145900.00	0.01176
595750.00	4145900.00	0.01137	595690.00	4145910.00	0.01332
595700.00	4145910.00	0.01290	595710.00	4145910.00	0.01249
595720.00	4145910.00	0.01210	595730.00	4145910.00	0.01172
595740.00	4145910.00	0.01135	595710.00	4145920.00	0.01202
595720.00	4145920.00	0.01165	595730.00	4145920.00	0.01130
595460.00	4145780.00	0.11472			

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DPM ***
INCLUDING SOURCE(S): DPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595410.00	4145360.00	0.01406	595410.00	4145370.00	0.01476
595420.00	4145370.00	0.01580	595430.00	4145370.00	0.01696
595440.00	4145370.00	0.01826	595450.00	4145370.00	0.01971
595460.00	4145370.00	0.02134	595410.00	4145380.00	0.01550
595420.00	4145380.00	0.01664	595430.00	4145380.00	0.01790
595440.00	4145380.00	0.01932	595450.00	4145380.00	0.02092
595460.00	4145380.00	0.02271	595470.00	4145380.00	0.02475
595480.00	4145380.00	0.02708	595490.00	4145380.00	0.02976
595500.00	4145380.00	0.03286	595510.00	4145380.00	0.03651
595410.00	4145390.00	0.01630	595420.00	4145390.00	0.01753
595430.00	4145390.00	0.01892	595440.00	4145390.00	0.02047
595450.00	4145390.00	0.02223	595460.00	4145390.00	0.02422
595470.00	4145390.00	0.02650	595480.00	4145390.00	0.02911
595490.00	4145390.00	0.03214	595500.00	4145390.00	0.03569
595510.00	4145390.00	0.03989	595520.00	4145390.00	0.04495
595530.00	4145390.00	0.05115	595540.00	4145390.00	0.05889
595550.00	4145390.00	0.06886	595400.00	4145400.00	0.01597
595410.00	4145400.00	0.01716	595420.00	4145400.00	0.01850
595430.00	4145400.00	0.02001	595440.00	4145400.00	0.02172
595450.00	4145400.00	0.02366	595460.00	4145400.00	0.02588
595470.00	4145400.00	0.02842	595480.00	4145400.00	0.03137
595490.00	4145400.00	0.03480	595500.00	4145400.00	0.03887
595510.00	4145400.00	0.04373	595520.00	4145400.00	0.04966
595530.00	4145400.00	0.05702	595540.00	4145400.00	0.06640
595550.00	4145400.00	0.07873	595400.00	4145410.00	0.01680
595410.00	4145410.00	0.01809	595420.00	4145410.00	0.01955
595430.00	4145410.00	0.02120	595440.00	4145410.00	0.02309
595450.00	4145410.00	0.02523	595460.00	4145410.00	0.02770
595470.00	4145410.00	0.03055	595480.00	4145410.00	0.03387
595490.00	4145410.00	0.03778	595500.00	4145410.00	0.04245
595510.00	4145410.00	0.04811	595520.00	4145410.00	0.05508
595530.00	4145410.00	0.06387	595540.00	4145410.00	0.07526
595550.00	4145410.00	0.09062	595400.00	4145420.00	0.01768
595410.00	4145420.00	0.01909	595420.00	4145420.00	0.02068
595430.00	4145420.00	0.02249	595440.00	4145420.00	0.02457
595450.00	4145420.00	0.02695	595460.00	4145420.00	0.02970
595470.00	4145420.00	0.03291	595480.00	4145420.00	0.03667
595490.00	4145420.00	0.04113	595500.00	4145420.00	0.04650
595510.00	4145420.00	0.05309	595520.00	4145420.00	0.06131
595530.00	4145420.00	0.07183	595540.00	4145420.00	0.08576

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DPM ***
INCLUDING SOURCE(S): DPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595550.00	4145420.00	0.10496	595400.00	4145430.00	0.01864
595410.00	4145430.00	0.02016	595420.00	4145430.00	0.02191
595430.00	4145430.00	0.02390	595440.00	4145430.00	0.02619
595450.00	4145430.00	0.02883	595460.00	4145430.00	0.03191
595470.00	4145430.00	0.03550	595480.00	4145430.00	0.03977
595490.00	4145430.00	0.04487	595500.00	4145430.00	0.05107
595510.00	4145430.00	0.05875	595520.00	4145430.00	0.06848
595530.00	4145430.00	0.08115	595540.00	4145430.00	0.09820
595440.00	4145440.00	0.02795	595450.00	4145440.00	0.03089
595460.00	4145440.00	0.03433	595470.00	4145440.00	0.03838
595480.00	4145440.00	0.04322	595490.00	4145440.00	0.04905
595500.00	4145440.00	0.05623	595510.00	4145440.00	0.06522
595520.00	4145440.00	0.07676	595530.00	4145440.00	0.09201
595540.00	4145440.00	0.11303	595490.00	4145450.00	0.05374
595500.00	4145450.00	0.06206	595510.00	4145450.00	0.07260
595520.00	4145450.00	0.08631	595530.00	4145450.00	0.10478
595910.00	4145140.00	0.01448	595920.00	4145140.00	0.01405
595900.00	4145150.00	0.01538	595910.00	4145150.00	0.01490
595920.00	4145150.00	0.01443	595930.00	4145150.00	0.01396
595900.00	4145160.00	0.01584	595910.00	4145160.00	0.01532
595920.00	4145160.00	0.01480	595930.00	4145160.00	0.01430
595940.00	4145160.00	0.01380	595950.00	4145160.00	0.01331
595890.00	4145170.00	0.01688	595900.00	4145170.00	0.01630
595910.00	4145170.00	0.01573	595920.00	4145170.00	0.01517
595930.00	4145170.00	0.01462	595940.00	4145170.00	0.01409
595950.00	4145170.00	0.01357	595960.00	4145170.00	0.01307
595880.00	4145180.00	0.01803	595890.00	4145180.00	0.01739
595900.00	4145180.00	0.01675	595910.00	4145180.00	0.01613
595920.00	4145180.00	0.01553	595930.00	4145180.00	0.01494
595940.00	4145180.00	0.01437	595950.00	4145180.00	0.01382
595960.00	4145180.00	0.01328	595880.00	4145190.00	0.01860
595890.00	4145190.00	0.01789	595900.00	4145190.00	0.01720
595910.00	4145190.00	0.01652	595920.00	4145190.00	0.01587
595930.00	4145190.00	0.01524	595940.00	4145190.00	0.01463
595950.00	4145190.00	0.01404	595960.00	4145190.00	0.01348
595970.00	4145190.00	0.01294	595870.00	4145200.00	0.01995
595880.00	4145200.00	0.01916	595890.00	4145200.00	0.01838
595900.00	4145200.00	0.01763	595910.00	4145200.00	0.01690
595920.00	4145200.00	0.01620	595930.00	4145200.00	0.01552
595940.00	4145200.00	0.01487	595950.00	4145200.00	0.01425

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DPM ***
INCLUDING SOURCE(S): DPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595960.00	4145200.00	0.01366	595970.00	4145200.00	0.01309
595870.00	4145210.00	0.02057	595880.00	4145210.00	0.01970
595890.00	4145210.00	0.01885	595900.00	4145210.00	0.01804
595910.00	4145210.00	0.01725	595920.00	4145210.00	0.01650
595930.00	4145210.00	0.01578	595940.00	4145210.00	0.01509
595950.00	4145210.00	0.01444	595960.00	4145210.00	0.01382
595970.00	4145210.00	0.01323	595980.00	4145210.00	0.01266
595860.00	4145220.00	0.02217	595870.00	4145220.00	0.02118
595880.00	4145220.00	0.02022	595890.00	4145220.00	0.01930
595900.00	4145220.00	0.01842	595910.00	4145220.00	0.01758
595920.00	4145220.00	0.01678	595930.00	4145220.00	0.01602
595940.00	4145220.00	0.01529	595950.00	4145220.00	0.01460
595960.00	4145220.00	0.01395	595970.00	4145220.00	0.01333
595980.00	4145220.00	0.01275	595860.00	4145230.00	0.02284
595870.00	4145230.00	0.02175	595880.00	4145230.00	0.02071
595890.00	4145230.00	0.01972	595900.00	4145230.00	0.01877
595910.00	4145230.00	0.01788	595920.00	4145230.00	0.01703
595930.00	4145230.00	0.01622	595940.00	4145230.00	0.01546
595950.00	4145230.00	0.01474	595960.00	4145230.00	0.01406
595970.00	4145230.00	0.01342	595980.00	4145230.00	0.01281
595990.00	4145230.00	0.01224	595850.00	4145240.00	0.02472
595860.00	4145240.00	0.02348	595870.00	4145240.00	0.02229
595880.00	4145240.00	0.02117	595890.00	4145240.00	0.02010
595900.00	4145240.00	0.01909	595910.00	4145240.00	0.01814
595920.00	4145240.00	0.01724	595930.00	4145240.00	0.01639
595940.00	4145240.00	0.01559	595950.00	4145240.00	0.01485
595960.00	4145240.00	0.01414	595970.00	4145240.00	0.01348
595980.00	4145240.00	0.01285	595990.00	4145240.00	0.01227
595850.00	4145250.00	0.02543	595860.00	4145250.00	0.02407
595870.00	4145250.00	0.02279	595880.00	4145250.00	0.02157
595890.00	4145250.00	0.02043	595900.00	4145250.00	0.01936
595910.00	4145250.00	0.01835	595920.00	4145250.00	0.01741
595930.00	4145250.00	0.01653	595940.00	4145250.00	0.01570
595950.00	4145250.00	0.01492	595960.00	4145250.00	0.01420
595970.00	4145250.00	0.01351	595980.00	4145250.00	0.01287
595990.00	4145250.00	0.01227	595840.00	4145260.00	0.02766
595850.00	4145260.00	0.02609	595860.00	4145260.00	0.02461
595870.00	4145260.00	0.02323	595880.00	4145260.00	0.02193
595890.00	4145260.00	0.02072	595900.00	4145260.00	0.01959
595910.00	4145260.00	0.01853	595920.00	4145260.00	0.01754

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DPM ***
INCLUDING SOURCE(S): DPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595930.00	4145260.00	0.01663	595940.00	4145260.00	0.01577
595950.00	4145260.00	0.01497	595960.00	4145260.00	0.01422
595970.00	4145260.00	0.01352	595980.00	4145260.00	0.01287
595990.00	4145260.00	0.01226	596000.00	4145260.00	0.01169
595840.00	4145270.00	0.02838	595850.00	4145270.00	0.02667
595860.00	4145270.00	0.02508	595870.00	4145270.00	0.02359
595880.00	4145270.00	0.02222	595890.00	4145270.00	0.02094
595900.00	4145270.00	0.01976	595910.00	4145270.00	0.01866
595920.00	4145270.00	0.01764	595930.00	4145270.00	0.01669
595940.00	4145270.00	0.01581	595950.00	4145270.00	0.01499
595960.00	4145270.00	0.01422	595970.00	4145270.00	0.01351
595980.00	4145270.00	0.01285	595990.00	4145270.00	0.01223
596000.00	4145270.00	0.01165	595830.00	4145280.00	0.03101
595840.00	4145280.00	0.02902	595850.00	4145280.00	0.02717
595860.00	4145280.00	0.02547	595870.00	4145280.00	0.02389
595880.00	4145280.00	0.02245	595890.00	4145280.00	0.02111
595900.00	4145280.00	0.01988	595910.00	4145280.00	0.01874
595920.00	4145280.00	0.01769	595930.00	4145280.00	0.01671
595940.00	4145280.00	0.01581	595950.00	4145280.00	0.01497
595960.00	4145280.00	0.01420	595970.00	4145280.00	0.01348
595980.00	4145280.00	0.01281	595990.00	4145280.00	0.01218
596000.00	4145280.00	0.01160	595820.00	4145290.00	0.03405
595830.00	4145290.00	0.03170	595840.00	4145290.00	0.02955
595850.00	4145290.00	0.02757	595860.00	4145290.00	0.02577
595870.00	4145290.00	0.02412	595880.00	4145290.00	0.02261
595890.00	4145290.00	0.02122	595900.00	4145290.00	0.01994
595910.00	4145290.00	0.01877	595920.00	4145290.00	0.01770
595930.00	4145290.00	0.01670	595940.00	4145290.00	0.01578
595950.00	4145290.00	0.01494	595960.00	4145290.00	0.01415
595970.00	4145290.00	0.01342	595980.00	4145290.00	0.01274
595990.00	4145290.00	0.01212	596000.00	4145290.00	0.01153
595820.00	4145300.00	0.03480	595830.00	4145300.00	0.03226
595840.00	4145300.00	0.02996	595850.00	4145300.00	0.02787
595860.00	4145300.00	0.02598	595870.00	4145300.00	0.02426
595880.00	4145300.00	0.02269	595890.00	4145300.00	0.02126
595900.00	4145300.00	0.01996	595910.00	4145300.00	0.01876
595920.00	4145300.00	0.01767	595930.00	4145300.00	0.01666
595940.00	4145300.00	0.01573	595950.00	4145300.00	0.01487
595960.00	4145300.00	0.01408	595970.00	4145300.00	0.01335
595980.00	4145300.00	0.01267	595990.00	4145300.00	0.01204

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DPM ***
INCLUDING SOURCE(S): DPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
596000.00	4145300.00	0.01145	595810.00	4145310.00	0.03839
595820.00	4145310.00	0.03537	595830.00	4145310.00	0.03268
595840.00	4145310.00	0.03024	595850.00	4145310.00	0.02807
595860.00	4145310.00	0.02610	595870.00	4145310.00	0.02433
595880.00	4145310.00	0.02272	595890.00	4145310.00	0.02126
595900.00	4145310.00	0.01993	595910.00	4145310.00	0.01871
595920.00	4145310.00	0.01760	595930.00	4145310.00	0.01659
595940.00	4145310.00	0.01565	595950.00	4145310.00	0.01479
595960.00	4145310.00	0.01399	595970.00	4145310.00	0.01326
595980.00	4145310.00	0.01258	595990.00	4145310.00	0.01195
596000.00	4145310.00	0.01136	596010.00	4145310.00	0.01082
595810.00	4145320.00	0.03897	595820.00	4145320.00	0.03577
595830.00	4145320.00	0.03294	595840.00	4145320.00	0.03041
595850.00	4145320.00	0.02816	595860.00	4145320.00	0.02613
595870.00	4145320.00	0.02432	595880.00	4145320.00	0.02268
595890.00	4145320.00	0.02120	595900.00	4145320.00	0.01985
595910.00	4145320.00	0.01863	595920.00	4145320.00	0.01751
595930.00	4145320.00	0.01649	595940.00	4145320.00	0.01555
595950.00	4145320.00	0.01468	595960.00	4145320.00	0.01389
595970.00	4145320.00	0.01316	595980.00	4145320.00	0.01248
595990.00	4145320.00	0.01185	596000.00	4145320.00	0.01126
596010.00	4145320.00	0.01072	595800.00	4145330.00	0.04317
595810.00	4145330.00	0.03935	595820.00	4145330.00	0.03599
595830.00	4145330.00	0.03305	595840.00	4145330.00	0.03045
595850.00	4145330.00	0.02815	595860.00	4145330.00	0.02609
595870.00	4145330.00	0.02424	595880.00	4145330.00	0.02259
595890.00	4145330.00	0.02109	595900.00	4145330.00	0.01974
595910.00	4145330.00	0.01851	595920.00	4145330.00	0.01739
595930.00	4145330.00	0.01636	595940.00	4145330.00	0.01542
595950.00	4145330.00	0.01456	595960.00	4145330.00	0.01377
595970.00	4145330.00	0.01304	595980.00	4145330.00	0.01236
595990.00	4145330.00	0.01174	596000.00	4145330.00	0.01116
596010.00	4145330.00	0.01062	595800.00	4145340.00	0.04348
595810.00	4145340.00	0.03950	595820.00	4145340.00	0.03604
595830.00	4145340.00	0.03303	595840.00	4145340.00	0.03038
595850.00	4145340.00	0.02804	595860.00	4145340.00	0.02596
595870.00	4145340.00	0.02411	595880.00	4145340.00	0.02244
595890.00	4145340.00	0.02094	595900.00	4145340.00	0.01959
595910.00	4145340.00	0.01836	595920.00	4145340.00	0.01724
595930.00	4145340.00	0.01621	595940.00	4145340.00	0.01528

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DPM ***
INCLUDING SOURCE(S): DPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595950.00	4145340.00	0.01442	595960.00	4145340.00	0.01363
595970.00	4145340.00	0.01290	595980.00	4145340.00	0.01223
595990.00	4145340.00	0.01161	596000.00	4145340.00	0.01104
596010.00	4145340.00	0.01050	595790.00	4145350.00	0.04829
595800.00	4145350.00	0.04351	595810.00	4145350.00	0.03944
595820.00	4145350.00	0.03593	595830.00	4145350.00	0.03288
595840.00	4145350.00	0.03021	595850.00	4145350.00	0.02786
595860.00	4145350.00	0.02577	595870.00	4145350.00	0.02391
595880.00	4145350.00	0.02225	595890.00	4145350.00	0.02075
595900.00	4145350.00	0.01940	595910.00	4145350.00	0.01817
595920.00	4145350.00	0.01706	595930.00	4145350.00	0.01604
595940.00	4145350.00	0.01511	595950.00	4145350.00	0.01426
595960.00	4145350.00	0.01347	595970.00	4145350.00	0.01275
595980.00	4145350.00	0.01209	595990.00	4145350.00	0.01147
596000.00	4145350.00	0.01090	596010.00	4145350.00	0.01038
595790.00	4145360.00	0.04814	595800.00	4145360.00	0.04330
595810.00	4145360.00	0.03919	595820.00	4145360.00	0.03566
595830.00	4145360.00	0.03261	595840.00	4145360.00	0.02994
595850.00	4145360.00	0.02759	595860.00	4145360.00	0.02551
595870.00	4145360.00	0.02366	595880.00	4145360.00	0.02200
595890.00	4145360.00	0.02051	595900.00	4145360.00	0.01917
595910.00	4145360.00	0.01795	595920.00	4145360.00	0.01684
595930.00	4145360.00	0.01584	595940.00	4145360.00	0.01492
595950.00	4145360.00	0.01407	595960.00	4145360.00	0.01330
595970.00	4145360.00	0.01259	595980.00	4145360.00	0.01193
595990.00	4145360.00	0.01132	596000.00	4145360.00	0.01076
596010.00	4145360.00	0.01024	596020.00	4145360.00	0.00975
595430.00	4145370.00	0.01696	595440.00	4145370.00	0.01826
595450.00	4145370.00	0.01971	595460.00	4145370.00	0.02134
595780.00	4145370.00	0.05344	595790.00	4145370.00	0.04767
595800.00	4145370.00	0.04285	595810.00	4145370.00	0.03875
595820.00	4145370.00	0.03525	595830.00	4145370.00	0.03221
595840.00	4145370.00	0.02956	595850.00	4145370.00	0.02722
595860.00	4145370.00	0.02517	595870.00	4145370.00	0.02333
595880.00	4145370.00	0.02169	595890.00	4145370.00	0.02022
595900.00	4145370.00	0.01889	595910.00	4145370.00	0.01769
595920.00	4145370.00	0.01660	595930.00	4145370.00	0.01561
595940.00	4145370.00	0.01470	595950.00	4145370.00	0.01387
595960.00	4145370.00	0.01310	595970.00	4145370.00	0.01240
595980.00	4145370.00	0.01175	595990.00	4145370.00	0.01116

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DPM ***
INCLUDING SOURCE(S): DPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
596000.00	4145370.00	0.01060	596010.00	4145370.00	0.01009
596020.00	4145370.00	0.00961	595430.00	4145380.00	0.01790
595440.00	4145380.00	0.01932	595450.00	4145380.00	0.02092
595460.00	4145380.00	0.02271	595470.00	4145380.00	0.02475
595480.00	4145380.00	0.02708	595490.00	4145380.00	0.02976
595500.00	4145380.00	0.03286	595510.00	4145380.00	0.03651
595780.00	4145380.00	0.05261	595790.00	4145380.00	0.04692
595800.00	4145380.00	0.04216	595810.00	4145380.00	0.03813
595820.00	4145380.00	0.03467	595830.00	4145380.00	0.03168
595840.00	4145380.00	0.02907	595850.00	4145380.00	0.02678
595860.00	4145380.00	0.02475	595870.00	4145380.00	0.02294
595880.00	4145380.00	0.02133	595890.00	4145380.00	0.01988
595900.00	4145380.00	0.01858	595910.00	4145380.00	0.01739
595920.00	4145380.00	0.01632	595930.00	4145380.00	0.01535
595940.00	4145380.00	0.01445	595950.00	4145380.00	0.01364
595960.00	4145380.00	0.01289	595970.00	4145380.00	0.01220
595980.00	4145380.00	0.01156	595990.00	4145380.00	0.01098
596000.00	4145380.00	0.01043	596010.00	4145380.00	0.00993
596020.00	4145380.00	0.00946	595430.00	4145390.00	0.01892
595440.00	4145390.00	0.02047	595450.00	4145390.00	0.02223
595460.00	4145390.00	0.02422	595470.00	4145390.00	0.02650
595480.00	4145390.00	0.02911	595490.00	4145390.00	0.03214
595500.00	4145390.00	0.03569	595510.00	4145390.00	0.03989
595520.00	4145390.00	0.04495	595530.00	4145390.00	0.05115
595540.00	4145390.00	0.05889	595550.00	4145390.00	0.06886
595770.00	4145390.00	0.05819	595780.00	4145390.00	0.05146
595790.00	4145390.00	0.04593	595800.00	4145390.00	0.04128
595810.00	4145390.00	0.03735	595820.00	4145390.00	0.03398
595830.00	4145390.00	0.03105	595840.00	4145390.00	0.02850
595850.00	4145390.00	0.02625	595860.00	4145390.00	0.02427
595870.00	4145390.00	0.02250	595880.00	4145390.00	0.02092
595890.00	4145390.00	0.01950	595900.00	4145390.00	0.01822
595910.00	4145390.00	0.01707	595920.00	4145390.00	0.01602
595930.00	4145390.00	0.01506	595940.00	4145390.00	0.01419
595950.00	4145390.00	0.01339	595960.00	4145390.00	0.01266
595970.00	4145390.00	0.01198	595980.00	4145390.00	0.01136
595990.00	4145390.00	0.01078	596000.00	4145390.00	0.01025
596010.00	4145390.00	0.00976	595430.00	4145400.00	0.02001
595440.00	4145400.00	0.02172	595450.00	4145400.00	0.02366
595460.00	4145400.00	0.02588	595470.00	4145400.00	0.02842

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DPM ***
INCLUDING SOURCE(S): DPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595480.00	4145400.00	0.03137	595490.00	4145400.00	0.03480
595500.00	4145400.00	0.03887	595510.00	4145400.00	0.04373
595520.00	4145400.00	0.04966	595530.00	4145400.00	0.05702
595540.00	4145400.00	0.06640	595550.00	4145400.00	0.07873
595770.00	4145400.00	0.05663	595780.00	4145400.00	0.05015
595790.00	4145400.00	0.04479	595800.00	4145400.00	0.04029
595810.00	4145400.00	0.03648	595820.00	4145400.00	0.03319
595830.00	4145400.00	0.03035	595840.00	4145400.00	0.02786
595850.00	4145400.00	0.02567	595860.00	4145400.00	0.02374
595870.00	4145400.00	0.02202	595880.00	4145400.00	0.02047
595890.00	4145400.00	0.01909	595900.00	4145400.00	0.01784
595910.00	4145400.00	0.01671	595920.00	4145400.00	0.01569
595930.00	4145400.00	0.01476	595940.00	4145400.00	0.01390
595950.00	4145400.00	0.01312	595960.00	4145400.00	0.01241
595970.00	4145400.00	0.01175	595980.00	4145400.00	0.01114
595990.00	4145400.00	0.01058	596000.00	4145400.00	0.01006
596010.00	4145400.00	0.00958	595430.00	4145410.00	0.02120
595440.00	4145410.00	0.02309	595450.00	4145410.00	0.02523
595460.00	4145410.00	0.02770	595470.00	4145410.00	0.03055
595480.00	4145410.00	0.03387	595490.00	4145410.00	0.03778
595500.00	4145410.00	0.04245	595510.00	4145410.00	0.04811
595520.00	4145410.00	0.05508	595530.00	4145410.00	0.06387
595540.00	4145410.00	0.07526	595550.00	4145410.00	0.09062
595760.00	4145410.00	0.06259	595770.00	4145410.00	0.05496
595780.00	4145410.00	0.04874	595790.00	4145410.00	0.04359
595800.00	4145410.00	0.03925	595810.00	4145410.00	0.03555
595820.00	4145410.00	0.03237	595830.00	4145410.00	0.02961
595840.00	4145410.00	0.02719	595850.00	4145410.00	0.02507
595860.00	4145410.00	0.02319	595870.00	4145410.00	0.02151
595880.00	4145410.00	0.02001	595890.00	4145410.00	0.01866
595900.00	4145410.00	0.01745	595910.00	4145410.00	0.01635
595920.00	4145410.00	0.01535	595930.00	4145410.00	0.01444
595940.00	4145410.00	0.01361	595950.00	4145410.00	0.01285
595960.00	4145410.00	0.01215	595970.00	4145410.00	0.01151
595980.00	4145410.00	0.01092	595990.00	4145410.00	0.01037
596000.00	4145410.00	0.00987	596010.00	4145410.00	0.00940
595430.00	4145420.00	0.02249	595440.00	4145420.00	0.02457
595450.00	4145420.00	0.02695	595460.00	4145420.00	0.02970
595470.00	4145420.00	0.03291	595480.00	4145420.00	0.03667
595490.00	4145420.00	0.04113	595500.00	4145420.00	0.04650

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DPM ***
INCLUDING SOURCE(S): DPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595510.00	4145420.00	0.05309	595520.00	4145420.00	0.06131
595530.00	4145420.00	0.07183	595540.00	4145420.00	0.08576
595550.00	4145420.00	0.10496	595760.00	4145420.00	0.06042
595770.00	4145420.00	0.05320	595780.00	4145420.00	0.04727
595790.00	4145420.00	0.04233	595800.00	4145420.00	0.03816
595810.00	4145420.00	0.03460	595820.00	4145420.00	0.03152
595830.00	4145420.00	0.02885	595840.00	4145420.00	0.02651
595850.00	4145420.00	0.02445	595860.00	4145420.00	0.02262
595870.00	4145420.00	0.02099	595880.00	4145420.00	0.01953
595890.00	4145420.00	0.01822	595900.00	4145420.00	0.01704
595910.00	4145420.00	0.01597	595920.00	4145420.00	0.01500
595930.00	4145420.00	0.01412	595940.00	4145420.00	0.01331
595950.00	4145420.00	0.01257	595960.00	4145420.00	0.01190
595970.00	4145420.00	0.01127	595980.00	4145420.00	0.01070
595990.00	4145420.00	0.01016	596000.00	4145420.00	0.00967
596010.00	4145420.00	0.00921	595430.00	4145430.00	0.02390
595440.00	4145430.00	0.02619	595450.00	4145430.00	0.02883
595460.00	4145430.00	0.03191	595470.00	4145430.00	0.03550
595480.00	4145430.00	0.03977	595490.00	4145430.00	0.04487
595500.00	4145430.00	0.05107	595510.00	4145430.00	0.05875
595520.00	4145430.00	0.06848	595530.00	4145430.00	0.08115
595540.00	4145430.00	0.09820	595750.00	4145430.00	0.06650
595760.00	4145430.00	0.05812	595770.00	4145430.00	0.05134
595780.00	4145430.00	0.04574	595790.00	4145430.00	0.04103
595800.00	4145430.00	0.03704	595810.00	4145430.00	0.03361
595820.00	4145430.00	0.03065	595830.00	4145430.00	0.02808
595840.00	4145430.00	0.02581	595850.00	4145430.00	0.02382
595860.00	4145430.00	0.02204	595870.00	4145430.00	0.02047
595880.00	4145430.00	0.01905	595890.00	4145430.00	0.01778
595900.00	4145430.00	0.01664	595910.00	4145430.00	0.01560
595920.00	4145430.00	0.01466	595930.00	4145430.00	0.01380
595940.00	4145430.00	0.01301	595950.00	4145430.00	0.01230
595960.00	4145430.00	0.01164	595970.00	4145430.00	0.01103
595980.00	4145430.00	0.01047	595990.00	4145430.00	0.00995
596000.00	4145430.00	0.00947	596010.00	4145430.00	0.00903
595440.00	4145440.00	0.02795	595450.00	4145440.00	0.03089
595460.00	4145440.00	0.03433	595470.00	4145440.00	0.03838
595480.00	4145440.00	0.04322	595490.00	4145440.00	0.04905
595500.00	4145440.00	0.05623	595510.00	4145440.00	0.06522
595520.00	4145440.00	0.07676	595530.00	4145440.00	0.09201

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DPM ***
INCLUDING SOURCE(S): DPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595540.00	4145440.00	0.11303	595740.00	4145440.00	0.07347
595750.00	4145440.00	0.06365	595760.00	4145440.00	0.05582
595770.00	4145440.00	0.04943	595780.00	4145440.00	0.04414
595790.00	4145440.00	0.03968	595800.00	4145440.00	0.03587
595810.00	4145440.00	0.03260	595820.00	4145440.00	0.02976
595830.00	4145440.00	0.02728	595840.00	4145440.00	0.02510
595850.00	4145440.00	0.02318	595860.00	4145440.00	0.02147
595870.00	4145440.00	0.01994	595880.00	4145440.00	0.01857
595890.00	4145440.00	0.01734	595900.00	4145440.00	0.01623
595910.00	4145440.00	0.01522	595920.00	4145440.00	0.01431
595930.00	4145440.00	0.01348	595940.00	4145440.00	0.01272
595950.00	4145440.00	0.01202	595960.00	4145440.00	0.01138
595970.00	4145440.00	0.01079	595980.00	4145440.00	0.01024
595990.00	4145440.00	0.00974	596000.00	4145440.00	0.00928
596010.00	4145440.00	0.00884	595490.00	4145450.00	0.05374
595500.00	4145450.00	0.06206	595510.00	4145450.00	0.07260
595520.00	4145450.00	0.08631	595530.00	4145450.00	0.10478
595740.00	4145450.00	0.06993	595750.00	4145450.00	0.06087
595760.00	4145450.00	0.05353	595770.00	4145450.00	0.04752
595780.00	4145450.00	0.04252	595790.00	4145450.00	0.03829
595800.00	4145450.00	0.03468	595810.00	4145450.00	0.03156
595820.00	4145450.00	0.02885	595830.00	4145450.00	0.02648
595840.00	4145450.00	0.02439	595850.00	4145450.00	0.02253
595860.00	4145450.00	0.02088	595870.00	4145450.00	0.01941
595880.00	4145450.00	0.01809	595890.00	4145450.00	0.01690
595900.00	4145450.00	0.01583	595910.00	4145450.00	0.01485
595920.00	4145450.00	0.01397	595930.00	4145450.00	0.01316
595940.00	4145450.00	0.01242	595950.00	4145450.00	0.01174
595960.00	4145450.00	0.01112	595970.00	4145450.00	0.01055
595980.00	4145450.00	0.01002	595990.00	4145450.00	0.00953
596000.00	4145450.00	0.00908	596010.00	4145450.00	0.00866
595730.00	4145460.00	0.07681	595740.00	4145460.00	0.06647
595750.00	4145460.00	0.05812	595760.00	4145460.00	0.05129
595770.00	4145460.00	0.04563	595780.00	4145460.00	0.04090
595790.00	4145460.00	0.03689	595800.00	4145460.00	0.03347
595810.00	4145460.00	0.03050	595820.00	4145460.00	0.02792
595830.00	4145460.00	0.02565	595840.00	4145460.00	0.02365
595850.00	4145460.00	0.02188	595860.00	4145460.00	0.02030
595870.00	4145460.00	0.01888	595880.00	4145460.00	0.01761
595890.00	4145460.00	0.01646	595900.00	4145460.00	0.01542

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DPM ***
INCLUDING SOURCE(S): DPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595910.00	4145460.00	0.01448	595920.00	4145460.00	0.01363
595930.00	4145460.00	0.01285	595940.00	4145460.00	0.01213
595950.00	4145460.00	0.01148	595960.00	4145460.00	0.01087
595970.00	4145460.00	0.01032	595980.00	4145460.00	0.00981
595990.00	4145460.00	0.00933	596000.00	4145460.00	0.00889
595730.00	4145470.00	0.07249	595740.00	4145470.00	0.06310
595750.00	4145470.00	0.05543	595760.00	4145470.00	0.04908
595770.00	4145470.00	0.04377	595780.00	4145470.00	0.03930
595790.00	4145470.00	0.03551	595800.00	4145470.00	0.03226
595810.00	4145470.00	0.02944	595820.00	4145470.00	0.02698
595830.00	4145470.00	0.02482	595840.00	4145470.00	0.02291
595850.00	4145470.00	0.02122	595860.00	4145470.00	0.01970
595870.00	4145470.00	0.01834	595880.00	4145470.00	0.01712
595890.00	4145470.00	0.01602	595900.00	4145470.00	0.01502
595910.00	4145470.00	0.01411	595920.00	4145470.00	0.01329
595930.00	4145470.00	0.01253	595940.00	4145470.00	0.01184
595950.00	4145470.00	0.01121	595960.00	4145470.00	0.01063
595970.00	4145470.00	0.01009	595980.00	4145470.00	0.00959
595990.00	4145470.00	0.00913	596000.00	4145470.00	0.00871
595720.00	4145480.00	0.07892	595730.00	4145480.00	0.06838
595740.00	4145480.00	0.05984	595750.00	4145480.00	0.05280
595760.00	4145480.00	0.04691	595770.00	4145480.00	0.04195
595780.00	4145480.00	0.03774	595790.00	4145480.00	0.03415
595800.00	4145480.00	0.03106	595810.00	4145480.00	0.02838
595820.00	4145480.00	0.02604	595830.00	4145480.00	0.02399
595840.00	4145480.00	0.02217	595850.00	4145480.00	0.02055
595860.00	4145480.00	0.01911	595870.00	4145480.00	0.01781
595880.00	4145480.00	0.01664	595890.00	4145480.00	0.01558
595900.00	4145480.00	0.01462	595910.00	4145480.00	0.01375
595920.00	4145480.00	0.01295	595930.00	4145480.00	0.01223
595940.00	4145480.00	0.01156	595950.00	4145480.00	0.01095
595960.00	4145480.00	0.01038	595970.00	4145480.00	0.00986
595980.00	4145480.00	0.00938	595990.00	4145480.00	0.00894
595720.00	4145490.00	0.07400	595730.00	4145490.00	0.06447
595740.00	4145490.00	0.05668	595750.00	4145490.00	0.05022
595760.00	4145490.00	0.04477	595770.00	4145490.00	0.04015
595780.00	4145490.00	0.03621	595790.00	4145490.00	0.03282
595800.00	4145490.00	0.02989	595810.00	4145490.00	0.02734
595820.00	4145490.00	0.02512	595830.00	4145490.00	0.02316
595840.00	4145490.00	0.02143	595850.00	4145490.00	0.01989

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DPM ***
INCLUDING SOURCE(S): DPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595860.00	4145490.00	0.01851	595870.00	4145490.00	0.01727
595880.00	4145490.00	0.01615	595890.00	4145490.00	0.01514
595900.00	4145490.00	0.01422	595910.00	4145490.00	0.01338
595920.00	4145490.00	0.01262	595930.00	4145490.00	0.01192
595940.00	4145490.00	0.01128	595950.00	4145490.00	0.01069
595960.00	4145490.00	0.01015	595970.00	4145490.00	0.00964
595980.00	4145490.00	0.00918	595710.00	4145500.00	0.08005
595720.00	4145500.00	0.06938	595730.00	4145500.00	0.06075
595740.00	4145500.00	0.05365	595750.00	4145500.00	0.04771
595760.00	4145500.00	0.04269	595770.00	4145500.00	0.03839
595780.00	4145500.00	0.03470	595790.00	4145500.00	0.03151
595800.00	4145500.00	0.02874	595810.00	4145500.00	0.02632
595820.00	4145500.00	0.02421	595830.00	4145500.00	0.02235
595840.00	4145500.00	0.02070	595850.00	4145500.00	0.01923
595860.00	4145500.00	0.01792	595870.00	4145500.00	0.01674
595880.00	4145500.00	0.01567	595890.00	4145500.00	0.01470
595900.00	4145500.00	0.01383	595910.00	4145500.00	0.01302
595920.00	4145500.00	0.01229	595930.00	4145500.00	0.01162
595940.00	4145500.00	0.01100	595950.00	4145500.00	0.01043
595960.00	4145500.00	0.00991	595970.00	4145500.00	0.00943
595980.00	4145500.00	0.00898	595710.00	4145510.00	0.07466
595720.00	4145510.00	0.06506	595730.00	4145510.00	0.05723
595740.00	4145510.00	0.05074	595750.00	4145510.00	0.04529
595760.00	4145510.00	0.04065	595770.00	4145510.00	0.03667
595780.00	4145510.00	0.03322	595790.00	4145510.00	0.03023
595800.00	4145510.00	0.02762	595810.00	4145510.00	0.02534
595820.00	4145510.00	0.02333	595830.00	4145510.00	0.02156
595840.00	4145510.00	0.01999	595850.00	4145510.00	0.01859
595860.00	4145510.00	0.01734	595870.00	4145510.00	0.01621
595880.00	4145510.00	0.01519	595890.00	4145510.00	0.01427
595900.00	4145510.00	0.01343	595910.00	4145510.00	0.01267
595920.00	4145510.00	0.01197	595930.00	4145510.00	0.01132
595940.00	4145510.00	0.01073	595950.00	4145510.00	0.01018
595960.00	4145510.00	0.00968	595970.00	4145510.00	0.00921
595700.00	4145520.00	0.08034	595710.00	4145520.00	0.06965
595720.00	4145520.00	0.06100	595730.00	4145520.00	0.05388
595740.00	4145520.00	0.04796	595750.00	4145520.00	0.04295
595760.00	4145520.00	0.03867	595770.00	4145520.00	0.03498
595780.00	4145520.00	0.03178	595790.00	4145520.00	0.02898
595800.00	4145520.00	0.02653	595810.00	4145520.00	0.02437

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DPM ***
INCLUDING SOURCE(S): DPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595820.00	4145520.00	0.02247	595830.00	4145520.00	0.02079
595840.00	4145520.00	0.01930	595850.00	4145520.00	0.01797
595860.00	4145520.00	0.01677	595870.00	4145520.00	0.01570
595880.00	4145520.00	0.01473	595890.00	4145520.00	0.01385
595900.00	4145520.00	0.01305	595910.00	4145520.00	0.01231
595920.00	4145520.00	0.01164	595930.00	4145520.00	0.01103
595940.00	4145520.00	0.01046	595950.00	4145520.00	0.00993
595960.00	4145520.00	0.00945	595970.00	4145520.00	0.00900
595700.00	4145530.00	0.07457	595710.00	4145530.00	0.06500
595720.00	4145530.00	0.05719	595730.00	4145530.00	0.05072
595740.00	4145530.00	0.04530	595750.00	4145530.00	0.04070
595760.00	4145530.00	0.03675	595770.00	4145530.00	0.03334
595780.00	4145530.00	0.03037	595790.00	4145530.00	0.02776
595800.00	4145530.00	0.02546	595810.00	4145530.00	0.02343
595820.00	4145530.00	0.02164	595830.00	4145530.00	0.02005
595840.00	4145530.00	0.01863	595850.00	4145530.00	0.01736
595860.00	4145530.00	0.01622	595870.00	4145530.00	0.01520
595880.00	4145530.00	0.01427	595890.00	4145530.00	0.01343
595900.00	4145530.00	0.01267	595910.00	4145530.00	0.01197
595920.00	4145530.00	0.01133	595930.00	4145530.00	0.01073
595940.00	4145530.00	0.01019	595950.00	4145530.00	0.00969
595960.00	4145530.00	0.00922	595690.00	4145540.00	0.07983
595700.00	4145540.00	0.06925	595710.00	4145540.00	0.06067
595720.00	4145540.00	0.05361	595730.00	4145540.00	0.04773
595740.00	4145540.00	0.04277	595750.00	4145540.00	0.03854
595760.00	4145540.00	0.03491	595770.00	4145540.00	0.03176
595780.00	4145540.00	0.02900	595790.00	4145540.00	0.02657
595800.00	4145540.00	0.02443	595810.00	4145540.00	0.02252
595820.00	4145540.00	0.02083	595830.00	4145540.00	0.01933
595840.00	4145540.00	0.01798	595850.00	4145540.00	0.01677
595860.00	4145540.00	0.01569	595870.00	4145540.00	0.01472
595880.00	4145540.00	0.01383	595890.00	4145540.00	0.01303
595900.00	4145540.00	0.01230	595910.00	4145540.00	0.01163
595920.00	4145540.00	0.01102	595930.00	4145540.00	0.01045
595940.00	4145540.00	0.00993	595950.00	4145540.00	0.00945
595960.00	4145540.00	0.00900	595690.00	4145550.00	0.07377
595700.00	4145550.00	0.06434	595710.00	4145550.00	0.05664
595720.00	4145550.00	0.05025	595730.00	4145550.00	0.04490
595740.00	4145550.00	0.04036	595750.00	4145550.00	0.03649
595760.00	4145550.00	0.03314	595770.00	4145550.00	0.03023

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DPM ***
INCLUDING SOURCE(S): DPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595780.00	4145550.00	0.02768	595790.00	4145550.00	0.02542
595800.00	4145550.00	0.02342	595810.00	4145550.00	0.02164
595820.00	4145550.00	0.02005	595830.00	4145550.00	0.01863
595840.00	4145550.00	0.01736	595850.00	4145550.00	0.01621
595860.00	4145550.00	0.01518	595870.00	4145550.00	0.01425
595880.00	4145550.00	0.01341	595890.00	4145550.00	0.01264
595900.00	4145550.00	0.01194	595910.00	4145550.00	0.01130
595920.00	4145550.00	0.01071	595930.00	4145550.00	0.01017
595940.00	4145550.00	0.00967	595950.00	4145550.00	0.00921
595680.00	4145560.00	0.07860	595690.00	4145560.00	0.06820
595700.00	4145560.00	0.05979	595710.00	4145560.00	0.05287
595720.00	4145560.00	0.04709	595730.00	4145560.00	0.04222
595740.00	4145560.00	0.03808	595750.00	4145560.00	0.03453
595760.00	4145560.00	0.03145	595770.00	4145560.00	0.02877
595780.00	4145560.00	0.02641	595790.00	4145560.00	0.02431
595800.00	4145560.00	0.02245	595810.00	4145560.00	0.02079
595820.00	4145560.00	0.01930	595830.00	4145560.00	0.01796
595840.00	4145560.00	0.01675	595850.00	4145560.00	0.01567
595860.00	4145560.00	0.01469	595870.00	4145560.00	0.01380
595880.00	4145560.00	0.01300	595890.00	4145560.00	0.01226
595900.00	4145560.00	0.01159	595910.00	4145560.00	0.01098
595920.00	4145560.00	0.01042	595930.00	4145560.00	0.00990
595940.00	4145560.00	0.00942	595950.00	4145560.00	0.00897
595680.00	4145570.00	0.07229	595690.00	4145570.00	0.06309
595700.00	4145570.00	0.05558	595710.00	4145570.00	0.04935
595720.00	4145570.00	0.04413	595730.00	4145570.00	0.03971
595740.00	4145570.00	0.03593	595750.00	4145570.00	0.03267
595760.00	4145570.00	0.02984	595770.00	4145570.00	0.02737
595780.00	4145570.00	0.02518	595790.00	4145570.00	0.02325
595800.00	4145570.00	0.02151	595810.00	4145570.00	0.01996
595820.00	4145570.00	0.01857	595830.00	4145570.00	0.01731
595840.00	4145570.00	0.01617	595850.00	4145570.00	0.01514
595860.00	4145570.00	0.01421	595870.00	4145570.00	0.01337
595880.00	4145570.00	0.01260	595890.00	4145570.00	0.01190
595900.00	4145570.00	0.01126	595910.00	4145570.00	0.01067
595920.00	4145570.00	0.01013	595930.00	4145570.00	0.00963
595940.00	4145570.00	0.00917	595670.00	4145580.00	0.07661
595680.00	4145580.00	0.06654	595690.00	4145580.00	0.05839
595700.00	4145580.00	0.05168	595710.00	4145580.00	0.04608
595720.00	4145580.00	0.04136	595730.00	4145580.00	0.03734

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DPM ***
INCLUDING SOURCE(S): DPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595740.00	4145580.00	0.03390	595750.00	4145580.00	0.03091
595760.00	4145580.00	0.02831	595770.00	4145580.00	0.02604
595780.00	4145580.00	0.02402	595790.00	4145580.00	0.02222
595800.00	4145580.00	0.02061	595810.00	4145580.00	0.01917
595820.00	4145580.00	0.01786	595830.00	4145580.00	0.01668
595840.00	4145580.00	0.01561	595850.00	4145580.00	0.01464
595860.00	4145580.00	0.01375	595870.00	4145580.00	0.01295
595880.00	4145580.00	0.01221	595890.00	4145580.00	0.01154
595900.00	4145580.00	0.01093	595910.00	4145580.00	0.01037
595920.00	4145580.00	0.00985	595930.00	4145580.00	0.00937
595940.00	4145580.00	0.00893	595670.00	4145590.00	0.07014
595680.00	4145590.00	0.06128	595690.00	4145590.00	0.05406
595700.00	4145590.00	0.04806	595710.00	4145590.00	0.04304
595720.00	4145590.00	0.03878	595730.00	4145590.00	0.03513
595740.00	4145590.00	0.03199	595750.00	4145590.00	0.02926
595760.00	4145590.00	0.02687	595770.00	4145590.00	0.02477
595780.00	4145590.00	0.02290	595790.00	4145590.00	0.02124
595800.00	4145590.00	0.01975	595810.00	4145590.00	0.01840
595820.00	4145590.00	0.01718	595830.00	4145590.00	0.01607
595840.00	4145590.00	0.01507	595850.00	4145590.00	0.01415
595860.00	4145590.00	0.01331	595870.00	4145590.00	0.01254
595880.00	4145590.00	0.01184	595890.00	4145590.00	0.01120
595900.00	4145590.00	0.01061	595910.00	4145590.00	0.01008
595920.00	4145590.00	0.00958	595930.00	4145590.00	0.00912
595660.00	4145600.00	0.07392	595670.00	4145600.00	0.06428
595680.00	4145600.00	0.05648	595690.00	4145600.00	0.05007
595700.00	4145600.00	0.04472	595710.00	4145600.00	0.04021
595720.00	4145600.00	0.03637	595730.00	4145600.00	0.03306
595740.00	4145600.00	0.03019	595750.00	4145600.00	0.02770
595760.00	4145600.00	0.02550	595770.00	4145600.00	0.02357
595780.00	4145600.00	0.02184	595790.00	4145600.00	0.02030
595800.00	4145600.00	0.01892	595810.00	4145600.00	0.01766
595820.00	4145600.00	0.01652	595830.00	4145600.00	0.01549
595840.00	4145600.00	0.01454	595850.00	4145600.00	0.01367
595860.00	4145600.00	0.01288	595870.00	4145600.00	0.01215
595880.00	4145600.00	0.01149	595890.00	4145600.00	0.01087
595900.00	4145600.00	0.01031	595910.00	4145600.00	0.00979
595920.00	4145600.00	0.00931	595930.00	4145600.00	0.00887
595650.00	4145610.00	0.07787	595660.00	4145610.00	0.06736
595670.00	4145610.00	0.05894	595680.00	4145610.00	0.05209

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DPM ***
INCLUDING SOURCE(S): DPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595690.00	4145610.00	0.04641	595700.00	4145610.00	0.04164
595710.00	4145610.00	0.03759	595720.00	4145610.00	0.03412
595730.00	4145610.00	0.03112	595740.00	4145610.00	0.02851
595750.00	4145610.00	0.02623	595760.00	4145610.00	0.02422
595770.00	4145610.00	0.02243	595780.00	4145610.00	0.02084
595790.00	4145610.00	0.01941	595800.00	4145610.00	0.01812
595810.00	4145610.00	0.01695	595820.00	4145610.00	0.01589
595830.00	4145610.00	0.01492	595840.00	4145610.00	0.01403
595850.00	4145610.00	0.01321	595860.00	4145610.00	0.01246
595870.00	4145610.00	0.01177	595880.00	4145610.00	0.01114
595890.00	4145610.00	0.01055	595900.00	4145610.00	0.01001
595910.00	4145610.00	0.00952	595920.00	4145610.00	0.00906
595650.00	4145620.00	0.07052	595660.00	4145620.00	0.06145
595670.00	4145620.00	0.05412	595680.00	4145620.00	0.04808
595690.00	4145620.00	0.04306	595700.00	4145620.00	0.03880
595710.00	4145620.00	0.03517	595720.00	4145620.00	0.03204
595730.00	4145620.00	0.02932	595740.00	4145620.00	0.02694
595750.00	4145620.00	0.02484	595760.00	4145620.00	0.02300
595770.00	4145620.00	0.02135	595780.00	4145620.00	0.01988
595790.00	4145620.00	0.01855	595800.00	4145620.00	0.01736
595810.00	4145620.00	0.01627	595820.00	4145620.00	0.01528
595830.00	4145620.00	0.01437	595840.00	4145620.00	0.01353
595850.00	4145620.00	0.01276	595860.00	4145620.00	0.01205
595870.00	4145620.00	0.01140	595880.00	4145620.00	0.01080
595890.00	4145620.00	0.01024	595900.00	4145620.00	0.00972
595910.00	4145620.00	0.00925	595920.00	4145620.00	0.00881
595640.00	4145630.00	0.07376	595650.00	4145630.00	0.06397
595660.00	4145630.00	0.05613	595670.00	4145630.00	0.04974
595680.00	4145630.00	0.04443	595690.00	4145630.00	0.03998
595700.00	4145630.00	0.03619	595710.00	4145630.00	0.03293
595720.00	4145630.00	0.03010	595730.00	4145630.00	0.02763
595740.00	4145630.00	0.02546	595750.00	4145630.00	0.02355
595760.00	4145630.00	0.02185	595770.00	4145630.00	0.02033
595780.00	4145630.00	0.01897	595790.00	4145630.00	0.01774
595800.00	4145630.00	0.01662	595810.00	4145630.00	0.01561
595820.00	4145630.00	0.01469	595830.00	4145630.00	0.01383
595840.00	4145630.00	0.01305	595850.00	4145630.00	0.01232
595860.00	4145630.00	0.01166	595870.00	4145630.00	0.01104
595880.00	4145630.00	0.01047	595890.00	4145630.00	0.00994
595900.00	4145630.00	0.00945	595910.00	4145630.00	0.00899

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DPM ***
INCLUDING SOURCE(S): DPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595640.00	4145640.00	0.06648	595650.00	4145640.00	0.05812
595660.00	4145640.00	0.05135	595670.00	4145640.00	0.04578
595680.00	4145640.00	0.04111	595690.00	4145640.00	0.03716
595700.00	4145640.00	0.03378	595710.00	4145640.00	0.03085
595720.00	4145640.00	0.02830	595730.00	4145640.00	0.02606
595740.00	4145640.00	0.02408	595750.00	4145640.00	0.02232
595760.00	4145640.00	0.02076	595770.00	4145640.00	0.01936
595780.00	4145640.00	0.01810	595790.00	4145640.00	0.01696
595800.00	4145640.00	0.01592	595810.00	4145640.00	0.01498
595820.00	4145640.00	0.01411	595830.00	4145640.00	0.01332
595840.00	4145640.00	0.01258	595850.00	4145640.00	0.01190
595860.00	4145640.00	0.01127	595870.00	4145640.00	0.01069
595880.00	4145640.00	0.01014	595890.00	4145640.00	0.00964
595900.00	4145640.00	0.00917	595910.00	4145640.00	0.00874
595630.00	4145650.00	0.06896	595640.00	4145650.00	0.06005
595650.00	4145650.00	0.05291	595660.00	4145650.00	0.04705
595670.00	4145650.00	0.04219	595680.00	4145650.00	0.03809
595690.00	4145650.00	0.03458	595700.00	4145650.00	0.03156
595710.00	4145650.00	0.02893	595720.00	4145650.00	0.02662
595730.00	4145650.00	0.02458	595740.00	4145650.00	0.02278
595750.00	4145650.00	0.02117	595760.00	4145650.00	0.01973
595770.00	4145650.00	0.01844	595780.00	4145650.00	0.01727
595790.00	4145650.00	0.01622	595800.00	4145650.00	0.01525
595810.00	4145650.00	0.01437	595820.00	4145650.00	0.01356
595830.00	4145650.00	0.01282	595840.00	4145650.00	0.01213
595850.00	4145650.00	0.01149	595860.00	4145650.00	0.01090
595870.00	4145650.00	0.01035	595880.00	4145650.00	0.00983
595890.00	4145650.00	0.00936	595900.00	4145650.00	0.00891
595630.00	4145660.00	0.06189	595640.00	4145660.00	0.05438
595650.00	4145660.00	0.04826	595660.00	4145660.00	0.04320
595670.00	4145660.00	0.03895	595680.00	4145660.00	0.03532
595690.00	4145660.00	0.03221	595700.00	4145660.00	0.02951
595710.00	4145660.00	0.02714	595720.00	4145660.00	0.02506
595730.00	4145660.00	0.02320	595740.00	4145660.00	0.02156
595750.00	4145660.00	0.02008	595760.00	4145660.00	0.01876
595770.00	4145660.00	0.01757	595780.00	4145660.00	0.01649
595790.00	4145660.00	0.01551	595800.00	4145660.00	0.01461
595810.00	4145660.00	0.01379	595820.00	4145660.00	0.01304
595830.00	4145660.00	0.01234	595840.00	4145660.00	0.01170
595850.00	4145660.00	0.01110	595860.00	4145660.00	0.01054

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DPM ***
INCLUDING SOURCE(S): DPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595870.00	4145660.00	0.01002	595880.00	4145660.00	0.00953
595890.00	4145660.00	0.00908	595900.00	4145660.00	0.00866
595620.00	4145670.00	0.06359	595630.00	4145670.00	0.05572
595640.00	4145670.00	0.04937	595650.00	4145670.00	0.04412
595660.00	4145670.00	0.03973	595670.00	4145670.00	0.03601
595680.00	4145670.00	0.03281	595690.00	4145670.00	0.03005
595700.00	4145670.00	0.02763	595710.00	4145670.00	0.02549
595720.00	4145670.00	0.02361	595730.00	4145670.00	0.02193
595740.00	4145670.00	0.02042	595750.00	4145670.00	0.01907
595760.00	4145670.00	0.01785	595770.00	4145670.00	0.01675
595780.00	4145670.00	0.01575	595790.00	4145670.00	0.01484
595800.00	4145670.00	0.01401	595810.00	4145670.00	0.01324
595820.00	4145670.00	0.01254	595830.00	4145670.00	0.01189
595840.00	4145670.00	0.01128	595850.00	4145670.00	0.01072
595860.00	4145670.00	0.01019	595870.00	4145670.00	0.00970
595880.00	4145670.00	0.00924	595890.00	4145670.00	0.00881
595620.00	4145680.00	0.05693	595630.00	4145680.00	0.05035
595640.00	4145680.00	0.04494	595650.00	4145680.00	0.04044
595660.00	4145680.00	0.03662	595670.00	4145680.00	0.03335
595680.00	4145680.00	0.03053	595690.00	4145680.00	0.02806
595700.00	4145680.00	0.02590	595710.00	4145680.00	0.02398
595720.00	4145680.00	0.02227	595730.00	4145680.00	0.02074
595740.00	4145680.00	0.01936	595750.00	4145680.00	0.01812
595760.00	4145680.00	0.01700	595770.00	4145680.00	0.01598
595780.00	4145680.00	0.01506	595790.00	4145680.00	0.01421
595800.00	4145680.00	0.01344	595810.00	4145680.00	0.01272
595820.00	4145680.00	0.01206	595830.00	4145680.00	0.01145
595840.00	4145680.00	0.01089	595850.00	4145680.00	0.01036
595860.00	4145680.00	0.00986	595870.00	4145680.00	0.00940
595880.00	4145680.00	0.00897	595610.00	4145690.00	0.05795
595620.00	4145690.00	0.05120	595630.00	4145690.00	0.04567
595640.00	4145690.00	0.04106	595650.00	4145690.00	0.03717
595660.00	4145690.00	0.03385	595670.00	4145690.00	0.03097
595680.00	4145690.00	0.02847	595690.00	4145690.00	0.02627
595700.00	4145690.00	0.02432	595710.00	4145690.00	0.02259
595720.00	4145690.00	0.02104	595730.00	4145690.00	0.01964
595740.00	4145690.00	0.01838	595750.00	4145690.00	0.01724
595760.00	4145690.00	0.01621	595770.00	4145690.00	0.01527
595780.00	4145690.00	0.01441	595790.00	4145690.00	0.01362
595800.00	4145690.00	0.01290	595810.00	4145690.00	0.01223

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DPM ***
INCLUDING SOURCE(S): DPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595820.00	4145690.00	0.01162	595830.00	4145690.00	0.01104
595840.00	4145690.00	0.01051	595850.00	4145690.00	0.01002
595860.00	4145690.00	0.00955	595870.00	4145690.00	0.00911
595880.00	4145690.00	0.00870	595610.00	4145700.00	0.05191
595620.00	4145700.00	0.04630	595630.00	4145700.00	0.04162
595640.00	4145700.00	0.03767	595650.00	4145700.00	0.03428
595660.00	4145700.00	0.03138	595670.00	4145700.00	0.02884
595680.00	4145700.00	0.02661	595690.00	4145700.00	0.02465
595700.00	4145700.00	0.02289	595710.00	4145700.00	0.02132
595720.00	4145700.00	0.01991	595730.00	4145700.00	0.01864
595740.00	4145700.00	0.01748	595750.00	4145700.00	0.01643
595760.00	4145700.00	0.01548	595770.00	4145700.00	0.01460
595780.00	4145700.00	0.01381	595790.00	4145700.00	0.01307
595800.00	4145700.00	0.01240	595810.00	4145700.00	0.01177
595820.00	4145700.00	0.01120	595830.00	4145700.00	0.01066
595840.00	4145700.00	0.01016	595850.00	4145700.00	0.00969
595860.00	4145700.00	0.00925	595870.00	4145700.00	0.00884
595600.00	4145710.00	0.05249	595610.00	4145710.00	0.04683
595620.00	4145710.00	0.04211	595630.00	4145710.00	0.03811
595640.00	4145710.00	0.03470	595650.00	4145710.00	0.03175
595660.00	4145710.00	0.02919	595670.00	4145710.00	0.02694
595680.00	4145710.00	0.02495	595690.00	4145710.00	0.02318
595700.00	4145710.00	0.02160	595710.00	4145710.00	0.02017
595720.00	4145710.00	0.01888	595730.00	4145710.00	0.01771
595740.00	4145710.00	0.01665	595750.00	4145710.00	0.01568
595760.00	4145710.00	0.01480	595770.00	4145710.00	0.01399
595780.00	4145710.00	0.01324	595790.00	4145710.00	0.01256
595800.00	4145710.00	0.01193	595810.00	4145710.00	0.01134
595820.00	4145710.00	0.01080	595830.00	4145710.00	0.01030
595840.00	4145710.00	0.00982	595850.00	4145710.00	0.00938
595860.00	4145710.00	0.00897	595870.00	4145710.00	0.00858
595590.00	4145720.00	0.05278	595600.00	4145720.00	0.04717
595610.00	4145720.00	0.04246	595620.00	4145720.00	0.03846
595630.00	4145720.00	0.03504	595640.00	4145720.00	0.03207
595650.00	4145720.00	0.02949	595660.00	4145720.00	0.02723
595670.00	4145720.00	0.02522	595680.00	4145720.00	0.02344
595690.00	4145720.00	0.02185	595700.00	4145720.00	0.02041
595710.00	4145720.00	0.01911	595720.00	4145720.00	0.01794
595730.00	4145720.00	0.01686	595740.00	4145720.00	0.01588
595750.00	4145720.00	0.01499	595760.00	4145720.00	0.01417

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DPM ***
INCLUDING SOURCE(S): DPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595770.00	4145720.00	0.01341	595780.00	4145720.00	0.01272
595790.00	4145720.00	0.01208	595800.00	4145720.00	0.01149
595810.00	4145720.00	0.01094	595820.00	4145720.00	0.01043
595830.00	4145720.00	0.00995	595840.00	4145720.00	0.00951
595850.00	4145720.00	0.00909	595860.00	4145720.00	0.00870
595580.00	4145730.00	0.05264	595590.00	4145730.00	0.04719
595600.00	4145730.00	0.04257	595610.00	4145730.00	0.03863
595620.00	4145730.00	0.03523	595630.00	4145730.00	0.03229
595640.00	4145730.00	0.02971	595650.00	4145730.00	0.02745
595660.00	4145730.00	0.02544	595670.00	4145730.00	0.02366
595680.00	4145730.00	0.02206	595690.00	4145730.00	0.02062
595700.00	4145730.00	0.01932	595710.00	4145730.00	0.01814
595720.00	4145730.00	0.01706	595730.00	4145730.00	0.01607
595740.00	4145730.00	0.01517	595750.00	4145730.00	0.01434
595760.00	4145730.00	0.01358	595770.00	4145730.00	0.01288
595780.00	4145730.00	0.01223	595790.00	4145730.00	0.01163
595800.00	4145730.00	0.01107	595810.00	4145730.00	0.01056
595820.00	4145730.00	0.01008	595830.00	4145730.00	0.00963
595840.00	4145730.00	0.00921	595850.00	4145730.00	0.00882
595860.00	4145730.00	0.00844	595570.00	4145740.00	0.05220
595580.00	4145740.00	0.04693	595590.00	4145740.00	0.04245
595600.00	4145740.00	0.03859	595610.00	4145740.00	0.03526
595620.00	4145740.00	0.03236	595630.00	4145740.00	0.02982
595640.00	4145740.00	0.02757	595650.00	4145740.00	0.02558
595660.00	4145740.00	0.02381	595670.00	4145740.00	0.02221
595680.00	4145740.00	0.02078	595690.00	4145740.00	0.01948
595700.00	4145740.00	0.01830	595710.00	4145740.00	0.01722
595720.00	4145740.00	0.01624	595730.00	4145740.00	0.01533
595740.00	4145740.00	0.01450	595750.00	4145740.00	0.01373
595760.00	4145740.00	0.01302	595770.00	4145740.00	0.01237
595780.00	4145740.00	0.01176	595790.00	4145740.00	0.01120
595800.00	4145740.00	0.01068	595810.00	4145740.00	0.01020
595820.00	4145740.00	0.00974	595830.00	4145740.00	0.00932
595840.00	4145740.00	0.00892	595850.00	4145740.00	0.00855
595560.00	4145750.00	0.05119	595570.00	4145750.00	0.04638
595580.00	4145750.00	0.04214	595590.00	4145750.00	0.03843
595600.00	4145750.00	0.03517	595610.00	4145750.00	0.03232
595620.00	4145750.00	0.02982	595630.00	4145750.00	0.02760
595640.00	4145750.00	0.02564	595650.00	4145750.00	0.02388
595660.00	4145750.00	0.02230	595670.00	4145750.00	0.02088

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DPM ***
INCLUDING SOURCE(S): DPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595680.00	4145750.00	0.01959	595690.00	4145750.00	0.01842
595700.00	4145750.00	0.01735	595710.00	4145750.00	0.01636
595720.00	4145750.00	0.01546	595730.00	4145750.00	0.01463
595740.00	4145750.00	0.01386	595750.00	4145750.00	0.01315
595760.00	4145750.00	0.01249	595770.00	4145750.00	0.01188
595780.00	4145750.00	0.01132	595790.00	4145750.00	0.01079
595800.00	4145750.00	0.01030	595810.00	4145750.00	0.00985
595820.00	4145750.00	0.00942	595830.00	4145750.00	0.00902
595840.00	4145750.00	0.00865	595850.00	4145750.00	0.00830
595540.00	4145760.00	0.05506	595550.00	4145760.00	0.04980
595560.00	4145760.00	0.04536	595570.00	4145760.00	0.04148
595580.00	4145760.00	0.03804	595590.00	4145760.00	0.03496
595600.00	4145760.00	0.03221	595610.00	4145760.00	0.02975
595620.00	4145760.00	0.02757	595630.00	4145760.00	0.02563
595640.00	4145760.00	0.02389	595650.00	4145760.00	0.02233
595660.00	4145760.00	0.02093	595670.00	4145760.00	0.01965
595680.00	4145760.00	0.01849	595690.00	4145760.00	0.01743
595700.00	4145760.00	0.01645	595710.00	4145760.00	0.01556
595720.00	4145760.00	0.01473	595730.00	4145760.00	0.01397
595740.00	4145760.00	0.01326	595750.00	4145760.00	0.01260
595760.00	4145760.00	0.01199	595770.00	4145760.00	0.01142
595780.00	4145760.00	0.01089	595790.00	4145760.00	0.01040
595800.00	4145760.00	0.00994	595810.00	4145760.00	0.00952
595820.00	4145760.00	0.00912	595830.00	4145760.00	0.00874
595840.00	4145760.00	0.00839	595510.00	4145770.00	0.06492
595520.00	4145770.00	0.05886	595530.00	4145770.00	0.05333
595540.00	4145770.00	0.04847	595550.00	4145770.00	0.04423
595560.00	4145770.00	0.04055	595570.00	4145770.00	0.03734
595580.00	4145770.00	0.03450	595590.00	4145770.00	0.03193
595600.00	4145770.00	0.02959	595610.00	4145770.00	0.02748
595620.00	4145770.00	0.02558	595630.00	4145770.00	0.02386
595640.00	4145770.00	0.02232	595650.00	4145770.00	0.02093
595660.00	4145770.00	0.01967	595670.00	4145770.00	0.01852
595680.00	4145770.00	0.01747	595690.00	4145770.00	0.01651
595700.00	4145770.00	0.01562	595710.00	4145770.00	0.01480
595720.00	4145770.00	0.01404	595730.00	4145770.00	0.01334
595740.00	4145770.00	0.01268	595750.00	4145770.00	0.01208
595760.00	4145770.00	0.01151	595770.00	4145770.00	0.01098
595780.00	4145770.00	0.01049	595790.00	4145770.00	0.01003
595800.00	4145770.00	0.00960	595810.00	4145770.00	0.00920

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DPM ***
INCLUDING SOURCE(S): DPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595820.00	4145770.00	0.00882	595830.00	4145770.00	0.00846
595840.00	4145770.00	0.00813	595470.00	4145780.00	0.07282
595480.00	4145780.00	0.07007	595490.00	4145780.00	0.06620
595500.00	4145780.00	0.06147	595510.00	4145780.00	0.05645
595520.00	4145780.00	0.05158	595530.00	4145780.00	0.04711
595540.00	4145780.00	0.04314	595550.00	4145780.00	0.03965
595560.00	4145780.00	0.03653	595570.00	4145780.00	0.03383
595580.00	4145780.00	0.03142	595590.00	4145780.00	0.02925
595600.00	4145780.00	0.02727	595610.00	4145780.00	0.02545
595620.00	4145780.00	0.02379	595630.00	4145780.00	0.02228
595640.00	4145780.00	0.02091	595650.00	4145780.00	0.01966
595660.00	4145780.00	0.01852	595670.00	4145780.00	0.01749
595680.00	4145780.00	0.01653	595690.00	4145780.00	0.01565
595700.00	4145780.00	0.01485	595710.00	4145780.00	0.01409
595720.00	4145780.00	0.01340	595730.00	4145780.00	0.01275
595740.00	4145780.00	0.01214	595750.00	4145780.00	0.01158
595760.00	4145780.00	0.01105	595770.00	4145780.00	0.01056
595780.00	4145780.00	0.01010	595790.00	4145780.00	0.00967
595800.00	4145780.00	0.00926	595810.00	4145780.00	0.00889
595820.00	4145780.00	0.00853	595830.00	4145780.00	0.00820
595450.00	4145790.00	0.06684	595460.00	4145790.00	0.06610
595470.00	4145790.00	0.06430	595480.00	4145790.00	0.06151
595490.00	4145790.00	0.05793	595500.00	4145790.00	0.05388
595510.00	4145790.00	0.04972	595520.00	4145790.00	0.04573
595530.00	4145790.00	0.04205	595540.00	4145790.00	0.03874
595550.00	4145790.00	0.03582	595560.00	4145790.00	0.03315
595570.00	4145790.00	0.03083	595580.00	4145790.00	0.02876
595590.00	4145790.00	0.02690	595600.00	4145790.00	0.02519
595610.00	4145790.00	0.02362	595620.00	4145790.00	0.02218
595630.00	4145790.00	0.02085	595640.00	4145790.00	0.01963
595650.00	4145790.00	0.01851	595660.00	4145790.00	0.01748
595670.00	4145790.00	0.01654	595680.00	4145790.00	0.01567
595690.00	4145790.00	0.01487	595700.00	4145790.00	0.01412
595710.00	4145790.00	0.01343	595720.00	4145790.00	0.01279
595730.00	4145790.00	0.01219	595740.00	4145790.00	0.01163
595750.00	4145790.00	0.01111	595760.00	4145790.00	0.01062
595770.00	4145790.00	0.01016	595780.00	4145790.00	0.00973
595790.00	4145790.00	0.00932	595800.00	4145790.00	0.00895
595810.00	4145790.00	0.00859	595820.00	4145790.00	0.00826
595830.00	4145790.00	0.00794	595450.00	4145800.00	0.06021

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DPM ***
INCLUDING SOURCE(S): DPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595460.00	4145800.00	0.05909	595470.00	4145800.00	0.05713
595480.00	4145800.00	0.05444	595490.00	4145800.00	0.05123
595500.00	4145800.00	0.04776	595510.00	4145800.00	0.04427
595520.00	4145800.00	0.04094	595530.00	4145800.00	0.03785
595540.00	4145800.00	0.03505	595550.00	4145800.00	0.03255
595560.00	4145800.00	0.03026	595570.00	4145800.00	0.02824
595580.00	4145800.00	0.02644	595590.00	4145800.00	0.02481
595600.00	4145800.00	0.02333	595610.00	4145800.00	0.02197
595620.00	4145800.00	0.02071	595630.00	4145800.00	0.01954
595640.00	4145800.00	0.01846	595650.00	4145800.00	0.01745
595660.00	4145800.00	0.01652	595670.00	4145800.00	0.01566
595680.00	4145800.00	0.01487	595690.00	4145800.00	0.01414
595700.00	4145800.00	0.01345	595710.00	4145800.00	0.01282
595720.00	4145800.00	0.01222	595730.00	4145800.00	0.01167
595740.00	4145800.00	0.01115	595750.00	4145800.00	0.01066
595760.00	4145800.00	0.01020	595770.00	4145800.00	0.00977
595780.00	4145800.00	0.00937	595790.00	4145800.00	0.00899
595800.00	4145800.00	0.00864	595810.00	4145800.00	0.00830
595820.00	4145800.00	0.00799	595450.00	4145810.00	0.05440
595460.00	4145810.00	0.05307	595470.00	4145810.00	0.05107
595480.00	4145810.00	0.04855	595490.00	4145810.00	0.04570
595500.00	4145810.00	0.04272	595510.00	4145810.00	0.03976
595520.00	4145810.00	0.03693	595530.00	4145810.00	0.03431
595540.00	4145810.00	0.03192	595550.00	4145810.00	0.02976
595560.00	4145810.00	0.02777	595570.00	4145810.00	0.02600
595580.00	4145810.00	0.02441	595590.00	4145810.00	0.02298
595600.00	4145810.00	0.02167	595610.00	4145810.00	0.02047
595620.00	4145810.00	0.01937	595630.00	4145810.00	0.01834
595640.00	4145810.00	0.01738	595650.00	4145810.00	0.01648
595660.00	4145810.00	0.01564	595670.00	4145810.00	0.01486
595680.00	4145810.00	0.01414	595690.00	4145810.00	0.01346
595700.00	4145810.00	0.01283	595710.00	4145810.00	0.01224
595720.00	4145810.00	0.01169	595730.00	4145810.00	0.01118
595740.00	4145810.00	0.01069	595750.00	4145810.00	0.01024
595760.00	4145810.00	0.00981	595770.00	4145810.00	0.00941
595780.00	4145810.00	0.00903	595790.00	4145810.00	0.00868
595800.00	4145810.00	0.00834	595810.00	4145810.00	0.00803
595450.00	4145820.00	0.04929	595460.00	4145820.00	0.04786
595470.00	4145820.00	0.04592	595480.00	4145820.00	0.04361
595490.00	4145820.00	0.04110	595500.00	4145820.00	0.03852

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DPM ***
INCLUDING SOURCE(S): DPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595510.00	4145820.00	0.03597	595520.00	4145820.00	0.03354
595530.00	4145820.00	0.03129	595540.00	4145820.00	0.02922
595550.00	4145820.00	0.02734	595560.00	4145820.00	0.02561
595570.00	4145820.00	0.02404	595580.00	4145820.00	0.02262
595590.00	4145820.00	0.02135	595600.00	4145820.00	0.02019
595610.00	4145820.00	0.01913	595620.00	4145820.00	0.01814
595630.00	4145820.00	0.01723	595640.00	4145820.00	0.01638
595650.00	4145820.00	0.01558	595660.00	4145820.00	0.01482
595670.00	4145820.00	0.01412	595680.00	4145820.00	0.01345
595690.00	4145820.00	0.01283	595700.00	4145820.00	0.01225
595710.00	4145820.00	0.01171	595720.00	4145820.00	0.01120
595730.00	4145820.00	0.01072	595740.00	4145820.00	0.01027
595750.00	4145820.00	0.00984	595760.00	4145820.00	0.00944
595770.00	4145820.00	0.00907	595780.00	4145820.00	0.00871
595790.00	4145820.00	0.00838	595800.00	4145820.00	0.00806
595810.00	4145820.00	0.00777	595460.00	4145830.00	0.04336
595470.00	4145830.00	0.04152	595480.00	4145830.00	0.03943
595490.00	4145830.00	0.03720	595500.00	4145830.00	0.03495
595510.00	4145830.00	0.03274	595520.00	4145830.00	0.03064
595530.00	4145830.00	0.02869	595540.00	4145830.00	0.02688
595550.00	4145830.00	0.02523	595560.00	4145830.00	0.02371
595570.00	4145830.00	0.02231	595580.00	4145830.00	0.02105
595590.00	4145830.00	0.01990	595600.00	4145830.00	0.01886
595610.00	4145830.00	0.01791	595620.00	4145830.00	0.01703
595630.00	4145830.00	0.01622	595640.00	4145830.00	0.01546
595650.00	4145830.00	0.01474	595660.00	4145830.00	0.01406
595670.00	4145830.00	0.01342	595680.00	4145830.00	0.01282
595690.00	4145830.00	0.01225	595700.00	4145830.00	0.01171
595710.00	4145830.00	0.01121	595720.00	4145830.00	0.01073
595730.00	4145830.00	0.01029	595740.00	4145830.00	0.00987
595750.00	4145830.00	0.00947	595760.00	4145830.00	0.00909
595770.00	4145830.00	0.00874	595780.00	4145830.00	0.00841
595790.00	4145830.00	0.00809	595800.00	4145830.00	0.00780
595500.00	4145840.00	0.03190	595510.00	4145840.00	0.02997
595520.00	4145840.00	0.02814	595530.00	4145840.00	0.02642
595540.00	4145840.00	0.02484	595550.00	4145840.00	0.02338
595560.00	4145840.00	0.02203	595570.00	4145840.00	0.02078
595580.00	4145840.00	0.01964	595590.00	4145840.00	0.01861
595600.00	4145840.00	0.01767	595610.00	4145840.00	0.01681
595620.00	4145840.00	0.01602	595630.00	4145840.00	0.01528

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DPM ***
INCLUDING SOURCE(S): DPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595640.00	4145840.00	0.01460	595650.00	4145840.00	0.01396
595660.00	4145840.00	0.01335	595670.00	4145840.00	0.01277
595680.00	4145840.00	0.01222	595690.00	4145840.00	0.01170
595700.00	4145840.00	0.01121	595710.00	4145840.00	0.01074
595720.00	4145840.00	0.01030	595730.00	4145840.00	0.00988
595740.00	4145840.00	0.00949	595750.00	4145840.00	0.00912
595760.00	4145840.00	0.00876	595770.00	4145840.00	0.00843
595780.00	4145840.00	0.00812	595790.00	4145840.00	0.00782
595540.00	4145850.00	0.02303	595550.00	4145850.00	0.02174
595560.00	4145850.00	0.02053	595570.00	4145850.00	0.01941
595580.00	4145850.00	0.01839	595590.00	4145850.00	0.01745
595600.00	4145850.00	0.01659	595610.00	4145850.00	0.01581
595620.00	4145850.00	0.01510	595630.00	4145850.00	0.01443
595640.00	4145850.00	0.01381	595650.00	4145850.00	0.01323
595660.00	4145850.00	0.01268	595670.00	4145850.00	0.01216
595680.00	4145850.00	0.01166	595690.00	4145850.00	0.01118
595700.00	4145850.00	0.01073	595710.00	4145850.00	0.01030
595720.00	4145850.00	0.00989	595730.00	4145850.00	0.00950
595740.00	4145850.00	0.00913	595750.00	4145850.00	0.00878
595760.00	4145850.00	0.00845	595770.00	4145850.00	0.00814
595780.00	4145850.00	0.00784	595790.00	4145850.00	0.00756
595570.00	4145860.00	0.01819	595580.00	4145860.00	0.01726
595590.00	4145860.00	0.01641	595600.00	4145860.00	0.01563
595610.00	4145860.00	0.01491	595620.00	4145860.00	0.01425
595630.00	4145860.00	0.01365	595640.00	4145860.00	0.01308
595650.00	4145860.00	0.01256	595660.00	4145860.00	0.01206
595670.00	4145860.00	0.01158	595680.00	4145860.00	0.01113
595690.00	4145860.00	0.01069	595700.00	4145860.00	0.01028
595710.00	4145860.00	0.00988	595720.00	4145860.00	0.00950
595730.00	4145860.00	0.00914	595740.00	4145860.00	0.00880
595750.00	4145860.00	0.00847	595760.00	4145860.00	0.00816
595770.00	4145860.00	0.00786	595780.00	4145860.00	0.00758
595590.00	4145870.00	0.01546	595600.00	4145870.00	0.01475
595610.00	4145870.00	0.01409	595620.00	4145870.00	0.01348
595630.00	4145870.00	0.01293	595640.00	4145870.00	0.01241
595650.00	4145870.00	0.01193	595660.00	4145870.00	0.01147
595670.00	4145870.00	0.01104	595680.00	4145870.00	0.01063
595690.00	4145870.00	0.01023	595700.00	4145870.00	0.00985
595710.00	4145870.00	0.00949	595720.00	4145870.00	0.00914
595730.00	4145870.00	0.00880	595740.00	4145870.00	0.00848

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE ANNUAL (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DPM ***
INCLUDING SOURCE(S): DPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595750.00	4145870.00	0.00817	595760.00	4145870.00	0.00788
595770.00	4145870.00	0.00760	595620.00	4145880.00	0.01278
595630.00	4145880.00	0.01227	595640.00	4145880.00	0.01179
595650.00	4145880.00	0.01135	595660.00	4145880.00	0.01093
595670.00	4145880.00	0.01054	595680.00	4145880.00	0.01016
595690.00	4145880.00	0.00980	595700.00	4145880.00	0.00945
595710.00	4145880.00	0.00911	595720.00	4145880.00	0.00879
595730.00	4145880.00	0.00848	595740.00	4145880.00	0.00818
595750.00	4145880.00	0.00789	595760.00	4145880.00	0.00762
595640.00	4145890.00	0.01122	595650.00	4145890.00	0.01081
595660.00	4145890.00	0.01043	595670.00	4145890.00	0.01006
595680.00	4145890.00	0.00971	595690.00	4145890.00	0.00938
595700.00	4145890.00	0.00906	595710.00	4145890.00	0.00875
595720.00	4145890.00	0.00845	595730.00	4145890.00	0.00817
595740.00	4145890.00	0.00789	595750.00	4145890.00	0.00762
595760.00	4145890.00	0.00736	595660.00	4145900.00	0.00996
595670.00	4145900.00	0.00962	595680.00	4145900.00	0.00930
595690.00	4145900.00	0.00899	595700.00	4145900.00	0.00870
595710.00	4145900.00	0.00841	595720.00	4145900.00	0.00814
595730.00	4145900.00	0.00787	595740.00	4145900.00	0.00761
595750.00	4145900.00	0.00736	595690.00	4145910.00	0.00862
595700.00	4145910.00	0.00835	595710.00	4145910.00	0.00809
595720.00	4145910.00	0.00783	595730.00	4145910.00	0.00759
595740.00	4145910.00	0.00735	595710.00	4145920.00	0.00778
595720.00	4145920.00	0.00754	595730.00	4145920.00	0.00731
595460.00	4145780.00	0.07426			

**MODELOPTs: CONC URBAN ELEV DFAULT

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
PM2.5	1ST HIGHEST VALUE IS	0.17462 AT	(595540.00, 4145440.00, 2.00, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.17462 AT	(595540.00, 4145440.00, 2.00, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.16216 AT	(595550.00, 4145420.00, 2.00, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.16216 AT	(595550.00, 4145420.00, 2.00, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.16188 AT	(595530.00, 4145450.00, 2.00, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.16188 AT	(595530.00, 4145450.00, 2.00, 0.00)	DC	NA
DPM	1ST HIGHEST VALUE IS	0.11303 AT	(595540.00, 4145440.00, 2.00, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.11303 AT	(595540.00, 4145440.00, 2.00, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.10496 AT	(595550.00, 4145420.00, 2.00, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.10496 AT	(595550.00, 4145420.00, 2.00, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.10478 AT	(595530.00, 4145450.00, 2.00, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.10478 AT	(595530.00, 4145450.00, 2.00, 0.00)	DC	NA

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

**MODELOPTs: CONC URBAN ELEV DFAULT

*** Message Summary : ISC3P Model Execution ***

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

A Total of 0 Fatal Error Message(s)
A Total of 4 Warning Message(s)
A Total of 121 Informational Message(s)

A Total of 121 Calm Hours Identified

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

******** WARNING MESSAGES ********
OU W565 2094 PERPLT:Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565 2095 PERPLT:Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
OU W565 2096 PERPST:Possible Conflict With Dynamically Allocated FUNIT POSTFILE
OU W565 2097 PERPST:Possible Conflict With Dynamically Allocated FUNIT POSTFILE

****
*** ISC3P Finishes Successfully ***
****

Bay Area Air Quality Management District
Risk & Hazard Stationary Source Inquiry Form

This form is required when users request stationary source data from BAAQMD. This form is to be used with the BAAQMD's Google Earth stationary source screening tables.

For guidance on conducting a risk & hazard screening, including for roadways & freeways, refer to the District's Risk & Hazard Analysis flow chart.

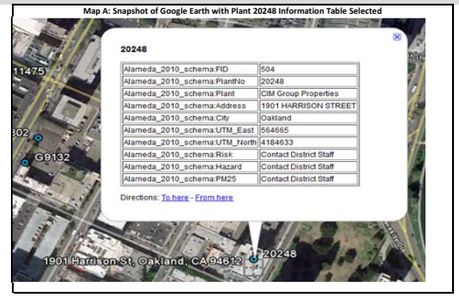
Also see the District's Recommended Methods for Screening and Modeling Local Risks and Hazards document.

Table A: Requestor Contact Information	
Contact Name:	Jake Keegan
Affiliation:	Haley & Aldrich, Inc.
Phone:	614-987-2606
Email:	jkeegan@haleyaldrich.com
Date of Request	5/2/2012
Project Name:	California Circle Project
Address:	1600 California
City:	Milpitas, CA
County:	Santa Clara
Type (residential, commercial, mixed use, industrial, etc.):	Residential
Project size (# of units, or building square feet):	84 Total New Homes; Single Family Detached Approximately 7.4 acres +/- (not including creek easement)
Comments:	

For Air District assistance, the following steps must be completed:

1. Complete all the contact and project information requested in Table A. Incomplete forms will not be processed. Please include a project site map.
2. Download and install the free program Google Earth, http://www.google.com/earth/download/ge/, and then download the county specific Google Earth stationary source application files from the District's website, http://www.baaqmd.gov/Divisions/Planning-and-Research/CEQA-GUIDELINES/Tools-and-Methodology.aspx. The small points on the map represent stationary sources permitted by the District (Map A on right). These permitted sources include diesel back-up generators, gas stations, dry cleaners, boilers, printers, auto spray booths, etc. Click on a point to view the source's Information Table, including the name, location, and preliminary estimated cancer risk, hazard index, and PM2.5 concentration.
3. Find the project site in Google Earth by inputting the site's address in the Google Earth search box.
4. Using the Google Earth ruler function, measure the distance in feet between the project's fenceline and the stationary source's fenceline for all the sources that are within 1,000 feet of the project's fenceline. Verify that the location of the source on the map matches with the source's address in the Information Table, by using the Google Earth address search box to confirm that the source is within 1,000 feet of the project. Please report any mapping errors to the District (District contact information in Step 9).
5. If the stationary source is within 1,000 feet of the project's fenceline and the stationary source's information table does not list the cancer risk, hazard index, and PM2.5 concentration, and instead says to "Contact District Staff", list the stationary source information in Table B Section 1 below.
6. Note that a small percentage of the stationary sources have Health Risk Screening Assessment (HRSA) data INSTEAD of screening level data. These sources will be noted by an asterisk next to the Plant Name (Map B on right). If HRSA values are presented, these values have already been modeled and cannot be adjusted further.
7. Email this completed form to District staff (Step 9). District staff will provide the most recent risk, hazard, and PM2.5 data that are available for the source(s). If this information or data are not available, source emissions data will be provided. Staff will respond to inquiries within three weeks.
8. **Note that a public records request received for the same stationary source information will cancel the processing of your SSIF request.**
9. **Submit forms, maps, and questions to Alison Kirk at 415-749-5169, or akirk@baaqmd.gov .**

Map A: Snapshot of Google Earth with Plant 20248 Information Table Selected



Map B: Snapshot of Google Earth with Plant G8736 Information Table Selected Showing HRSA Values

Note the asterisk next to the plant name. This means that the values that appear below are from the HRSA. These values cannot be further adjusted using our screening tools, such as the diesel multiplier sheet. These values are based on modeling. If the Information Table says "Contact District Staff" include in Table B below.

Table B: Stationary Sources within 1,000 feet of Receptor that say "Contact District Staff"

Table B Section 1: Requestor fills out these columns based on Google Earth data				Table B Section 2: BAAQMD returns form with additional information in these columns as needed															
Distance from Receptor (feet)	**Plant # or Gas Dispensary #**	**Facility Name**	**Street Address**	**Screening Level Cancer Risk (1)**	**Screening Level Hazard Index (1)**	**Screening Level PM2.5 (1)**	**Permit #s (2)**	**Source #s (2)**	**Fuel Code (3)**	**Type of Source(s) (4)**	**HRSA Ap # (5)**	**HRSA Date (6)**	**HRSA Engineer (7)**	**HRSA Cancer Risk in a million**	**Age Sensitivity Factor (8)**	**HRSA Adjusted Cancer Risk**	**HRSA Chronic Health (9)**	**HRSA PM2.5 Risk**	**Status/Comments**
60'	G10862	Milpitas Chevron Station	1551 California Cir	17.323	0.029	n/a	6270			gas station	6270	10/2/2002	HSD	1.030	1.7	1.751515152	n/a	0.005490643	Use HRSA values
200'	17155	City of Milpitas	1735 California Cir	13.21	0.005	0.023	12953	1,2,3		3 diesel engines								0	use distance multiplier with Screening Values
770'	15840	LTX - Credence	1421 California Cir	13.17	0.005	0.003	12702	4		1 diesel engine	12702	8/22/2005	ICS	0.240	1.7	0.408	n/a	0.001278997	Use HRSA values
2100'	G9641	Internation Disposal Corp of Calif	1601 Dixon Landing Road	0.378	0.001	na												0	no risk to site
1100'	8296	Ford Cleaners	1822 Milmont Drive	7.49	0.02	0				permac closed-loop								0	use screening values
670'	17157	City Of Milpitas	345 Jurgens Drive	64.07	0.023	0.113	12955	1,2,3,4		4 diesel engines								0	use distance multiplier with Screening Values
																		0	
																		0	
																		0	
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Footnotes:

1. These Cancer Risk, Hazard Index, and PM2.5 columns represent the rows in the Google Earth Plant Information Table that say "Contact District Staff" (Map A above). BAAQMD will return this form to you with this screening level information entered in these columns.
2. Each plant may have multiple permits and sources.
3. Fuel codes: 98 = diesel, 189 = Natural Gas.
4. Permitted sources include diesel back-up generators, gas stations, dry cleaners, boilers, printers, auto spray booths, etc.
5. If a Health Risk Screening Assessment (HRSA) was completed for the source, the application number will be listed here.
6. The date that the HRSA was completed.
7. Engineer who completed the HRSA. For District purposes only.
8. All HRSA completed before 1/5/2010 need to be multiplied by an age sensitivity factor of 1.7.
9. The HRSA "Chronic Health" number represents the Hazard Index.
10. Further information about common sources:
    a. Sources that only include diesel internal combustion engines can be adjusted using the BAAQMD's Diesel Multiplier worksheet.
    b. The risk from natural gas boilers used for space heating when <25 MM BTU/hr would have an estimated cancer risk of one in a million or less, and a chronic hazard index of 0.003 or less. To be conservative, requestor should assume the cancer risk is 1 in a million and the hazard index is 0.003 for these sources.
    c. BAAQMD Reg 11 Rule 16 required that all co-residential (sharing a wall, floor, ceiling or is in the same building as a residential unit) dry cleaners cease use of perc on July 1, 2010. Therefore, there is no cancer risk, hazard or PM2.5 concentrations from co-residential dry cleaning businesses in the BAAQMD.
    d. Non co-residential dry cleaners must phase out use of perc by Jan. 1, 2023. Therefore, the risk from these dry cleaners does not need to be factored in over a 70-year period, but instead should reflect the number of years perc use will continue after the project's residents or other sensitive receptors (such as students, patients, etc) take occupancy.
    e. Gas stations can be adjusted using BAAQMD's Gas Station Distance Multiplier worksheet.
    f. Unless otherwise noted, exempt sources are considered insignificant. See BAAQMD Reg 2 Rule 1 for a list of exempt sources.
    g. This spray booth is considered to be insignificant.

Date last updated:
3/12/12

Cancer Risk and Chronic Hazard Index Distance Adjustment Multiplier for Diesel IC Engines

Distance, meters	Distance Adjustment Multiplier
25	0.85
30	0.73
35	0.64
40	0.58
50	0.50
60	0.41
70	0.31
80	0.28
90	0.25
100	0.22
110	0.18
120	0.16
130	0.15
140	0.14
150	0.12
160	0.10
180	0.09
200	0.08
220	0.07
240	0.06
260	0.05
280	0.04

How to Use the Cancer Risk and Chronic Hazard Index Distance Adjustment Multiplier for Diesel Internal Combustion (IC) Engines

1. Get the facility diesel IC engine cancer risk or chronic hazard index from table only for facilities where the HRA source is listed as "diesel engine screening value." If the distance to the nearest receptor is less than 25 meters, the distance adjustment multiplier table cannot be used and an air dispersion modeling analysis using site-specific information is needed to refine the cancer risk or chronic hazard index estimate.

2. Determine the shortest distance from each diesel IC engine to the nearest receptor. Select the shortest distance to receptor found.

3. From the table, locate the shortest distance to the receptor. If the shortest distance to the receptor falls between two distance values, select the multiplier corresponding to the smaller distance. For distances beyond 280 meters use the multiplier 0.04.

4. Multiply the cancer risk or the chronic hazard index (found in step 1) by the multiplier found in step 3. The resulting product is the adjusted cancer risk in a million or adjusted chronic hazard index for the diesel IC engines at the facility.

5. If facility has sources other than diesel IC engines, add the result from step 4 to the facility cancer risk or chronic hazard index, excluding DICE from the health risk table (kml file). The final value is the health risk for the facility.

Notes on creation of the chart:

1. Ground-level concentrations for a unit emission rate were determined using the AERMOD model
2. Meteorological data sets used include Concord, Hunters Point, Oakland, Petaluma, UC Richmond and San Jose.
3. Land use based on Auer Analysis around met station.
4. Assumed no complex terrain and no flagpole receptors.
5. Assumed the exhaust exits vertically and does not have a fixed cap.
6. Stack exhaust parameters used: 6-feet high, 3-inch diameter, 50 m/s exit velocity, 620°K (656 ^{o}F).
7. Over two dozen building configurations were modeled to address building downwash.
8. 4104 receptors modeled, located along 72 radials, 5 degrees apart and 57 rings spaced 5 meters apart.
9. Cancer Risk calculation includes the following parameters:

   Breathing Rate of 302 L/kg-day

   Inhalation Cancer Potency Factor of 1.1 $(mg/kg\text{-}day)^{-1}$

   Residential Receptor Adjustment Factor (age sensitivity) of 1.7
10. For each meteorological data set, the highest results for each building dimension and distance to receptor combination was used to calculate the cancer risk.
11. The table results above represent the highest calculated cancer risk from each of the six meteorological data sets.