Tesla Power Plant Petition for Post-Certification Amendment

Prepared for

Midway Power, LLC

November 2006

CH2MHILL
155 Grand Ave. Ste 1000
Oakland, CA 94612

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1.0 Overview

The Tesla Power Project (TPP) received original approval (01-AFC-21) in June 2004 from the California Energy Commission (CEC) for a natural gas-fired nominal 1100 megawatt (MW) combined cycle plant in eastern Alameda County near Tracy, California. The facility consists of four General Electric (GE) Frame 7FA gas turbines with four duct-fired 272.2 MMBtu/hr heat recovery steam generators. TPP is owned by Midway Power, LLC (a wholly owned subsidiary of FPL Energy, LLC). This petition is being submitted to modify conditions of the original CEC license.

The proposed changes are primarily to air quality conditions, with one minor change to a hazardous materials condition. The primary changes include increased emission rates of NOx and CO during start-up, increased emission rates of PM_{10} from the cooling towers and the elimination of the November 1-January 31 PM_{10} limit.

This petition is consistent with a recent request for an Amendment to the Final Determination of Compliance (FDOC) submitted to the Bay Area Air Quality Management District (BAAQMD). It is anticipated that the BAAQMD will complete its review and issue a revised Determination of Compliance within the next 90 days. A copy of the amended FDOC will be provided when available.

This petition for a post-certification amendment of TPP is being submitted under the provisions of Section 1769 of Title 20, California Administrative Code (CEC *Rules of Practice and Procedure and Power Plant Site Certification Regulations*) to seek a modification to the air quality and hazardous waste conditions of certification. The petition is organized to address the informational requirements of Section 1769 in the order they appear in the section. The requirement appears in ***bold italics*** followed by a narrative response.

2.0 Information Required by Section 1769

(A) A complete description of the proposed modifications, including new language for any conditions that will be affected

The proposed modifications to Tesla Power Project (TPP) include:

1. Changes in CO and NOx startup emission rates for the gas combustion turbine heat and recovery steam generator (HRSG) stacks (AQ-25, 26 and 27),
2. Increased PM_{10} emission rates from the cooling towers resulting from a requested increase in the total dissolved solids (TDS) content of the circulating water (AQ-52) and modification of the PM_{10} emission offset amount (AQ-46) to reflect the proposed increase,
3. Elimination of the November 1-January 31 PM_{10} limit (AQ-28(e) and clarification that the current February 1 to October 31 limit would apply year-round (AQ-28(d)).
4. Corrections to AQ-13 (daily emission limits) to reflect the BAAQMD engineering analysis and correct errors in condition limit values,
5. Addition of language to AQ-15 (fuel sulfur limit) to clarify that compliance will be on a 12-month rolling average basis, and
6. A correction of a typographic error in HAZ-6 to clarify that the requirement for the initial detailed design review and inspection to occur after 30 years.

The modifications mentioned above will require changes in the air quality conditions and one hazardous waste condition set forth in the original license. A request for an amendment to the original FDOC has been submitted to the BAAQMD and is included in Attachment A. Attachment B includes a detailed modeling analysis of the CO, NOx, and PM_{10} emission rate changes, and the PM_{10} PSD increment analysis. Attachment C includes a list of all requested modifications to the air quality and hazardous materials conditions.

(B) A discussion of the necessity for the proposed modifications

The necessity of the proposed modifications is described below.

1. The requested changes in CO and NOx startup emission rates in AQ-25, -26 and -27 are required because updated information regarding the startup sequence of the four gas turbine units has become available. The updated information indicates that there is a need for the two 2 x 1 power trains to start up simultaneously and, therefore, not be able to comply with the current emission limits. This understanding developed subsequent to the issuance of the original license. These modifications are necessary to ensure compliance with the license conditions during start-up,
2. The requested increased in the cooling tower total dissolved solids (TDS) content (AQ-52) is essential in order to accommodate the CEC's requirement that TPP use reclaimed water provided by the City of Tracy. Midway Power proposes to increase the TDS

concentration limit in the cooling water from 1868 ppm (by weight) to 6000 ppm. PM_{10} emissions from the cooling towers will increase from 6.1 ton/yr to 19.5 ton/yr. As a result, TPP is proposing to increase the amount of PM_{10} offsets in condition AQ-46 to reflect the proposed emission increase (see October 11, 2006 cover letter in Attachment B). The proposed PM_{10} emission rate changes also result in project PM_{10} impacts that exceed the Prevention of Significant Deterioration (PSD) 24-hr average significant impact threshold of 5 ug/m^3 at limited locations. As a result, the proposed increase invoked the requirement for a full PSD increment consumption analysis,

3. In the original FDOC, Midway Power proposed a lower November 1 – January 31 PM_{10} emission limit of 1080 lb/day (for all 4 units combined) with the objective of remaining below the PSD 24-hr average significant impact threshold of 5 ug/m^3 and thereby avoid a full PSD increment analysis. Since the required cooling tower TDS increase has necessitated a full PSD increment analysis, there is no longer a need for this November 1 – January 31 PM_{10} emission limit and Midway Power proposes to eliminate AQ-28(e) and modify AQ-28(d) to clarify that this PM_{10} limit would apply year-round,

4. The requested changes to AQ-13 are needed to correct an error that occurred in translating the emission rates in the BAAQMD engineering analysis to actual emission limits,

5. The requested change to AQ-15 is necessary to include a 12-month rolling average compliance determination as was agreed to with the BAAQMD, and

6. The requested change to HAZ-6 is needed to correct a typographic error.

(C) If the modification is based on information that was known by the petitioner during the certification proceeding, an explanation why the issue was not raised at that time

Proposed modifications in this petition are based on new information that was not available at the time of the original license application.

(D) If the modification is based on new information that changes or undermines the assumptions, rationale, findings, or other bases of the final decision, an explanation of why the change should be permitted

Changes to start-up emissions are based on updated information regarding the intended startup of the facility and are required to ensure flexible operation. Increases in PM_{10} emission rates are needed to accommodate recycled water of lower-quality from the City of Tracy. The change will not cause a significant impact on air quality and will ensure the ability to utilize recycled water from the City of Tracy in a cost-effective way, and therefore should be permitted. The November 1 – January 31 PM_{10} emission limit was included in the original license to prevent a full PSD increment analysis. However, since PM_{10} emission rates are expected to increase, a full PSD increment analysis has been completed and the seasonal limit is no longer needed. A detailed analysis of proposed changes is presented in the TPP Air Quality Modeling Supplement in Attachment B. This supplement demonstrates that the proposed changes will not cause a significant adverse impact on air quality and should therefore be approved.

(E) An analysis of the impacts the modification may have on the environment and proposed measures to mitigate any significant adverse impacts

A complete analysis of the potential air quality impacts associated with these modifications is documented in Attachment B. The analysis demonstrates that there will not be any significant air quality impacts due to the changes. The proposed modifications will result in a small increase in PM_{10} emissions. As a result, TPP has secured air quality offsets for the entire amount of anticipated PM_{10} emissions (19.5 tons/year). This change is reflected in the proposed revision to AQ-46. Since the original cooling tower emissions were exempt from air quality offsets (6.1 tons/year), the proposed modifications will actually result in a net reduction in PM_{10} emissions relative to the original license.

In addition, short-term NOx and CO emissions may be higher during facility startups. The analysis in Attachment B demonstrates that these proposed increases will not jeopardize attainment of short-term NOx and CO emission standards. Since long term NOx and CO emissions will not be increased, the mitigation previously provided for the project is adequate.

(F) A discussion of the impact of the modification on the facility's ability to comply with applicable laws, ordinances, regulations, and standards

With the proposed modifications, TPP will still comply with all applicable laws, ordinances, regulations and standards. A detailed analysis demonstrating compliance with regulations is provided in the modeling supplement in Attachment B. The modeling supplement includes a full PSD increment analysis and demonstrates compliance with the PSD regulations.

(G) A discussion of how the modification affects the public

As discussed above in (E), the proposed modifications will result in a small increase in PM_{10} but this increase will now be fully offset. Originally, PM_{10} emissions from the cooling tower were exempt from emission offset requirements. The proposed revisions will have a beneficial impact on the public since air quality impacts will be lessened through offsets.

(H) A list of property owners potentially affected by the modification

Please see Attachment D for a list of property owners within 1000 ft of TPP property boundary.

(I) A discussion of the potential effect on near by property owners, the public and the parties in the application proceedings

Since there will be no significant air quality impacts associated with the proposed modifications, there should be no potential impacts on the nearby property owners.

3.0 Schedule

An Application for an Amendment to the FDOC has been submitted to the BAAQMD and an amended FDOC is expected within the next 90 days.

We respectfully request that the CEC process this petition to approve the described changes as expeditiously as is possible.

4.0 Petition Contacts

Questions regarding this petition should be directed to:

Kenneth Stein
Senior Environmental Specialist
FPL Energy
700 Universe Boulevard
Juno Beach, FL 33408
Phone: (561) 691 2216
Fax: (561) 691 7070
Email: Kenneth_Stein@fpl.com

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155 Grand Avenue
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5.0 Summary

The proposed amendments to the original license will have no significant environmental impacts. Pursuant to Section 1769 (a) (2) of the CEC Siting Regulations, CEC staff is authorized to approve this proposed change with full Commission approval, provided a 14-day notice is submitted to the docket, each Commissioner and any party on the post-certification mailing list.

Expedited processing of this petition is respectfully requested.

Attachment A
Request for Extension and Modification of Final Determination of Compliance- Letter to BAAQMD

Midway Power, LLC
700 Universe Boulevard, Juno Beach, Florida 33408
Phone: (561) 691-2889 Facsimile: (561) 691-7307

December 6, 2005

Mr. Steve Hill
Manager, Permit Evaluation
Bay Area Air Quality Management District
939 Ellis Street
San Francisco, CA 94109

Subject: Tesla Power Plant
Request for Extension and Modification of Final Determination of Compliance

Dear Mr. Hill:

I am writing as a follow up to our September 29 meeting with the District regarding the need for an extension of time to finalize issuance of the PSD permit and to request modification to the Tesla Power Plant (TPP) Final Determination of Compliance (FDOC).

Extension Request for PSD Permit Issuance

In accordance with your direction, we are addressing below several key areas that the District would consider in granting an extension request.

- Commitment to Tesla Power Plant Project

Midway Power, LLC (a wholly owned subsidiary of FPL Energy, LLC) remains fully committed to the development of the TPP to deliver clean, efficient, state-of-the-art generation to California. The project experienced a delay in its development schedule as turmoil in the California energy market was resolved. Now, that PG&E has issued a PUC-sanctioned Request for Offers for new generation, Midway Power has refocused its development efforts for TPP and is fully committed to an accelerated development schedule.

- Provision of Best Available Control Technology (BACT)

The TPP FDOC contains a number of emission limits that reflected BACT at the time of permit issuance. We have confirmed that the current FDOC emission limits are still reflective of current BACT standards. The FDOC amendments we are proposing are largely administrative and in any case, will not affect the BACT analysis originally performed for the project. The BACT levels proposed for the project are summarized in the following table.

SUMMARY OF BACT REQUIREMENTS FOR TESLA POWER PLANT PROJECT

	Control Strategy and Emission Limit				
Source	**NOx**	**CO**	**POC**	**PM_{10}**	**SO_2**
Gas Turbine & HRSG Power Trains	DLN Combustors/SCR	DLN Combustors/ Oxidation Catalyst	DLN Combustors/ Oxidation Catalyst	PUC-Regulated Natural Gas	PUC-Regulated Natural Gas
	2 ppmv	4 ppmv	2 ppmv	12.75 lb/hr	2 lb/hr

- No BAAQMD Accountability for Delay in PSD Permit Issuance

We recognize and acknowledge that the BAAQMD bears no responsibility for the delay in issuance of the TPP PSD permit. The delay in issuance of the PSD has been self imposed by Midway Power as a result of the uncertainty in obtaining power purchase agreements in the California energy market.

Request for Modification of Final Determination of Compliance

We are requesting several minor condition language changes as well as an increase in the cooling tower TDS limit to 6000 ppmw. The changes are also based upon revised startup emissions data that were not available at the time of the original FDOC. Each change is discussed below by condition. In addition, we are enclosing for your review, an updated air dispersion modeling protocol to address the proposed emission changes.

- AQ-13

AQ-13 sets forth emission limits for CO, PM10 and SO2 during commissioning that are substantially less than the emission permitted during normal operation of the facility. We are requesting that these emission limits be revised to reflect the higher normal operating emission limits in AQ-27 and AQ-28, which have been supported by prior ambient air quality analysis and forthcoming analysis that will demonstrate the acceptability of higher proposed startup emission rates.

COMPARISON OF AQ-13 AND AQ-27/28 EMISSION LIMITS

Pollutant		AQ-13 Limit	AQ-27/28 Limit[1]	Notes
PM10				
	lb/day	306	1224	Factor of 4 difference between AQ-27/28 and AQ-13 limits
SO2				
	lb/day	48	192	Factor of 4 difference between AQ-27/28 and AQ-13 limits
CO				
	lb/hr	381.6	1362.8 (2770)	Basis for AQ-13 limit is not clear from a review of the engineering evaluation
	lb/day	2289	6284	Basis for AQ-13 limit is not clear from a review of the engineering evaluation

[1] Current AQ-27 limit is followed in parentheses by a higher value that reflects our proposed changes to AQ-27--see discussion below. These proposed changes are needed to accommodate revised startup information.

As is evident from the comparison above, both the PM10 and SO2 emission limits appear to have been inadvertently set in AQ-13 at the single unit emission values (see Table B-10_ of the engineering analysis) when the value for all four units operating simultaneously should have been used (see Table B-12 of the engineering analysis). In the case of CO, there is no apparent explanation in the engineering analysis for the lower AQ-13 emission rate. However, we note that Tesla Project modeling was performed with the facility operating at its maximum permitted 4-unit CO emission rate that is much higher than either the AQ-13 emission limit of 2,289 lb/day or the AQ-28 emission limit of 6,284 lb/day. As noted in Table B-17, the 8-hour modeling demonstration was actually based on a higher CO emission rate of 20.87 g/s/unit lb, which would equal a 4-unit, 24-hour equivalent of:

$$\frac{4 \text{ units} \times 20.87 \text{ g/s} \times 3600 \text{ s/hr} \times 24 \text{ hr/day}}{453.6 \text{ g/lb}} = 15{,}901 \text{ lb/day.}$$

Since it is likely, that some of the Tesla units may actually be in normal operation while later units are being commissioned, it would be appropriate to set the commissioning limits equal to the maximum emission limits in AQ-27 and AQ-28.

We therefore recommend the following changes to the CO, PM10 and SO2 emission rate limits in AQ-13:

AQ- 13 The owner/operator shall not operate the Gas Turbines (S-1, S-3, S-5, & S-7) and Heat Recovery Steam Generators (S-2, S-4, S-6, & S-8) in a manner such that the combined pollutant emissions from these sources will exceed the following limits

during the commissioning period. These emission limits shall include emissions resulting from the start-up and shutdown of the Gas Turbines (S-1, S-3, S-5, & S-7).

NO_x (as NO_2)	3,732 pounds per calendar day	622 pounds per hour
CO	***6,284*** ~~2,289~~ pounds per calendar day	***2,770*** ~~381.6~~ pounds per hour
POC (as CH_4)	1,080 pounds per calendar day	
PM_{10}	***1,224*** ~~306~~ pounds per calendar day	
SO_2	***192*** ~~48~~ pounds per calendar day	

- AQ-15

AQ-15 specifies a natural gas sulfur limit of 0.33 grains (gr)/100 standard cubic feet (scf). The condition further specifies that analyses are to be taken at 30-day intervals. Based on earlier discussion, and agreement with the District, it is our understanding the District is agreeable to compliance determined on a 12-month rolling average basis. We therefore request the following amendment to AQ-15:

AQ-15 The owner/operator shall fire the Gas Turbines (S-1, S-3, S-5, and S-7) and HRSG Duct Burners (S-2, S-4, S-6, and S-8) exclusively on natural gas with a maximum sulfur content of 0.33 grain per 100 standard cubic feet. To demonstrate compliance with this limit, the operator of S-1 through S-8 shall sample and analyze the gas from each supply source at least once every 30 consecutive days to determine the sulfur content of the gas. ***Compliance shall be based on a 12-month rolling average of the 30-day samples.*** (BACT for SO_2 and PM_{10})

- AQ-25

AQ-25 specifies startup emission limits for NOx, CO and PM10 for each combustion turbine (CT) on both a lb/start and a lb/hr basis. The Tesla Power Project will consist of four turbines, four heat recovery steam generators (HRSGs) and two steam turbines. The steam generated from each group of two HRSGs will be directed through a dedicated steam turbine in a so-called 2 x 1 configuration. The startup cycle requires a longer startup time for the first CT/HRSG in order to provide a sufficient heat ramp for the steam turbine. The second CT/HRSG will then commence startup in approximately half the time as the first CT/HRSG. Unfortunately, the AFC, in Appendix K-4, inadvertently reported "per-turbine" emission rates by dividing the integrated startup emission rate totals for the 2 x 1 configuration by two. Since the emissions are not equally distributed between the two CT/HRSGs, this oversimplification resulted in maximum per turbine limits that are incorrect.

Attachment A presents updated cold start NOx and warm start CO emissions data that is more current than was available during the processing of the AFC. Figure 1 (Cold Start 207FA NOx) shows that the worst case hour for NOx is actually associated with the startup of the second CT/HRSG in each 2 x 1 group. The dashed box in the figure highlights the worst one-hour emission period, which is equivalent to 190 lb/hr (versus a 150 lb/hr maximum in the current Determination of Compliance). Similarly, Figure 2 (Warm Start 207FA CO) shows that the worst case one-hour emission period for CO is associated with

startup of the first CT/HRSG in each 2 x 1 group and is equivalent to 1100 lb/hr (versus a 662.5 lb/hr limit in the current Determination of Compliance)

The original total startup emission rates were also developed for the Tesla Project based on the two 2 x 1 groups starting up in series (i.e. the two CT/HRSGs in the first 2 x 1 group would come on line before the startup of the second 2 x 1 group). However based on market demands, TPP must have the flexibility to start both 2 x 1 groups in parallel. This proposed change will create the possibility that the #1 and #2 turbines in each 2 x 1 group will start up at the same time, causing an overlap in the worst-case hour of each 2 x 1 group. This will result in new maximum NOx and CO emission rates during startup than were previously proposed. The revisions are summarized in Table 1 below.

TABLE 1– REVISED TESLA POWER PLANT STARTUP LIMITS

Pollutant	*AQ-25 Per Turbine Emission Limit, lb/hr*	*Proposed Per Turbine Emission Limit, lb/hr*
NOx	150	190
CO	662.5	1100

We will provide a modeling demonstration shortly based on the higher one-hour emission rates in Table 1 to show that there is no possibility of an exceedance of the one-hour ambient air quality standards for NOx or CO during a startup.

We therefore request that the AQ-25 emission limits be modified to reflect the correct maximum per-turbine emission rates during startup and incorporate the original combined 2 on 1 pair startup limits as follows:

AQ-25 The owner/operator shall ensure that the regulated air pollutant mass emission rates from each of the Gas Turbines (S-1, S-3, S-5, and S-7) during a start-up does not exceed the limits established below. (PSD)

Gas Turbine Start-up Emission Rate Limits

	lb/hr	lb/start-up
NOx (as NO_2)	***190***~~150~~	***447***~~415.5~~
CO	***1,100***~~662.5~~	***1,389***~~,180.5~~
POC (as CH_4)	45	83

- AQ-26

AQ-26 (a) requires a 60 minute lapse between the startup of the first 2 on 1 pair and startup of the second 2 on 1 pair. AQ-26 (b) specifies that startup of the second pair of turbines can not commence unless the first pair of turbines are operating in compliance with the normal operation emission limits. As discussed in AQ-25 above, the Tesla Power Plant must have the ability to startup both 2 x 1 groups of turbines simultaneously. Under a simultaneous start of both 2 x 1 groups the first CT of each group would start at the same time. Once the first CT achieves compliance with the normal hourly operating limit, the second CT of the 2 x 1 group would be started. Under no circumstances would more than two CTs be emitting at levels that exceed the normal operating limits. A modeling demonstration is in preparation to support this revised startup scenario. In order to provide maximum flexibility to start the entire facility as quickly as possible to respond to market demands, we therefore respectfully request that AQ-26 (a) be deleted. Compliance with Condition AQ-26 (b) would adequately address conformity with the air quality modeling that is forthcoming. The requested change to AQ-26 is shown below:

AQ-26 The owner/operator shall not allow more than two Gas Turbines (S-1 & S-3, or S-5, & S-7) to be in start-up mode at any point in time. The owner/operator shall start-up additional gas turbines (S-1 & S-3 or S-5& S-7) only if ~~both of the following requirements are met:~~

~~(a) 60 minutes has elapsed since the initiation of the start-up of the first pair of turbines~~

~~(b)~~ the first pair of turbines are operating in compliance with the NOx and CO emission limitations of part 24.

(PSD)

- AQ-27

In order to accommodate the parallel startup of the two 2 x 1 units as discussed in AQ-25, above, the combined startup and shutdown limits in AQ-27 will also need to be amended as follows:

AQ-27 The owner/operator shall not allow total combined emissions from the Gas Turbines and HRSGs (S-1, S-2, S-3, S-4, S-5, S-6, S-7, and S-8), including emissions generated during Gas Turbine start-ups and shutdowns to exceed the following limits during any one hour:

(a) ***640***~~331.3~~ pounds of NO_x (as NO_2) per hour

(b) ***2,770***~~1,362.8~~ pounds of CO per hour

(PSD)

- AQ-52

AQ-52 sets a maximum total dissolved solids (TDS) limit of 1,878 ppmw (mg/l) for the cooling tower circulating water. This TDS level was consistent with the PM10 emission rates ultimately agreed upon for the project prior to the CEC-imposed requirement to use recycled water from the City of Tracy. Given the high TDS content of the City of Tracy reclaimed water supply, we have determined that installation of a water treatment system to achieve the current 1,878 ppmw limit is not economically viable. We therefore request that the TDS limit be raised to 6,000 ppmw. The increase in PM10 emissions resulting from this change will not trigger additional emission offset requirements but will require a revised assessment of PM10 air quality impacts under the District's PSD regulation. We are enclosing for your review a protocol for completing the requisite PSD modeling demonstration.

We request the following modification to AQ-52:

AQ-52. The owner/operator shall properly install and maintain the cooling towers to minimize drift losses. The owner/operator shall equip the cooling towers with high-efficiency mist eliminators with a maximum guaranteed drift rate of 0.0005%. The maximum total dissolved solids (TDS) measured at the base of the cooling towers or at the point of return to the wastewater facility shall not be higher than ***6,000***~~1,878~~ ppmw (mg/l). The owner/operator shall sample and test the cooling tower water at least once per day to verify compliance with this TDS limit. (PSD)

We look forward to working with you to provide any additional supporting information necessary to process this request as expeditiously as possible. Please contact me at 561.691.2889, or our consultant David Stein of CH2M HILL at 510.587.7787, if you have any questions.

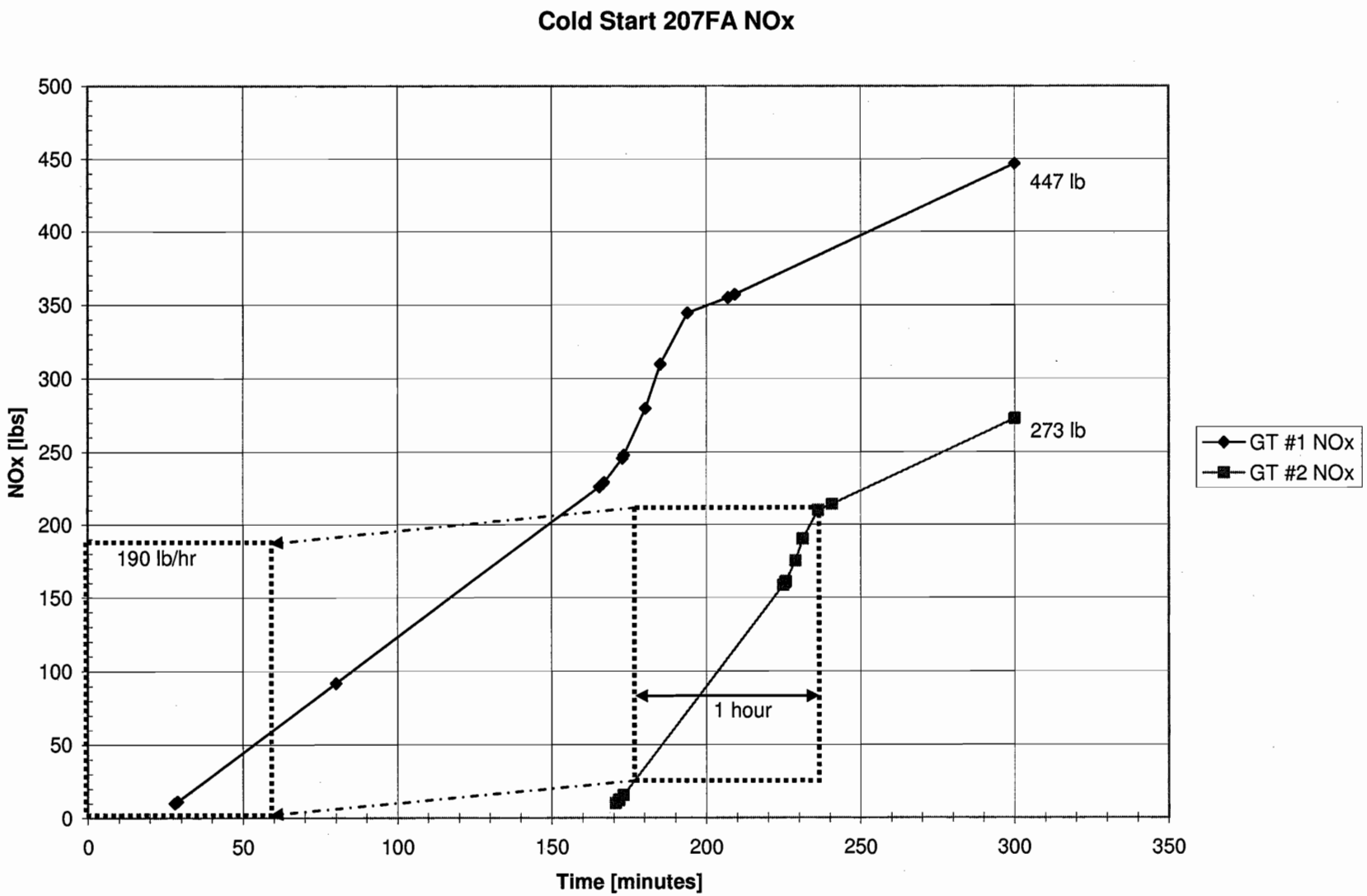
Sincerely,

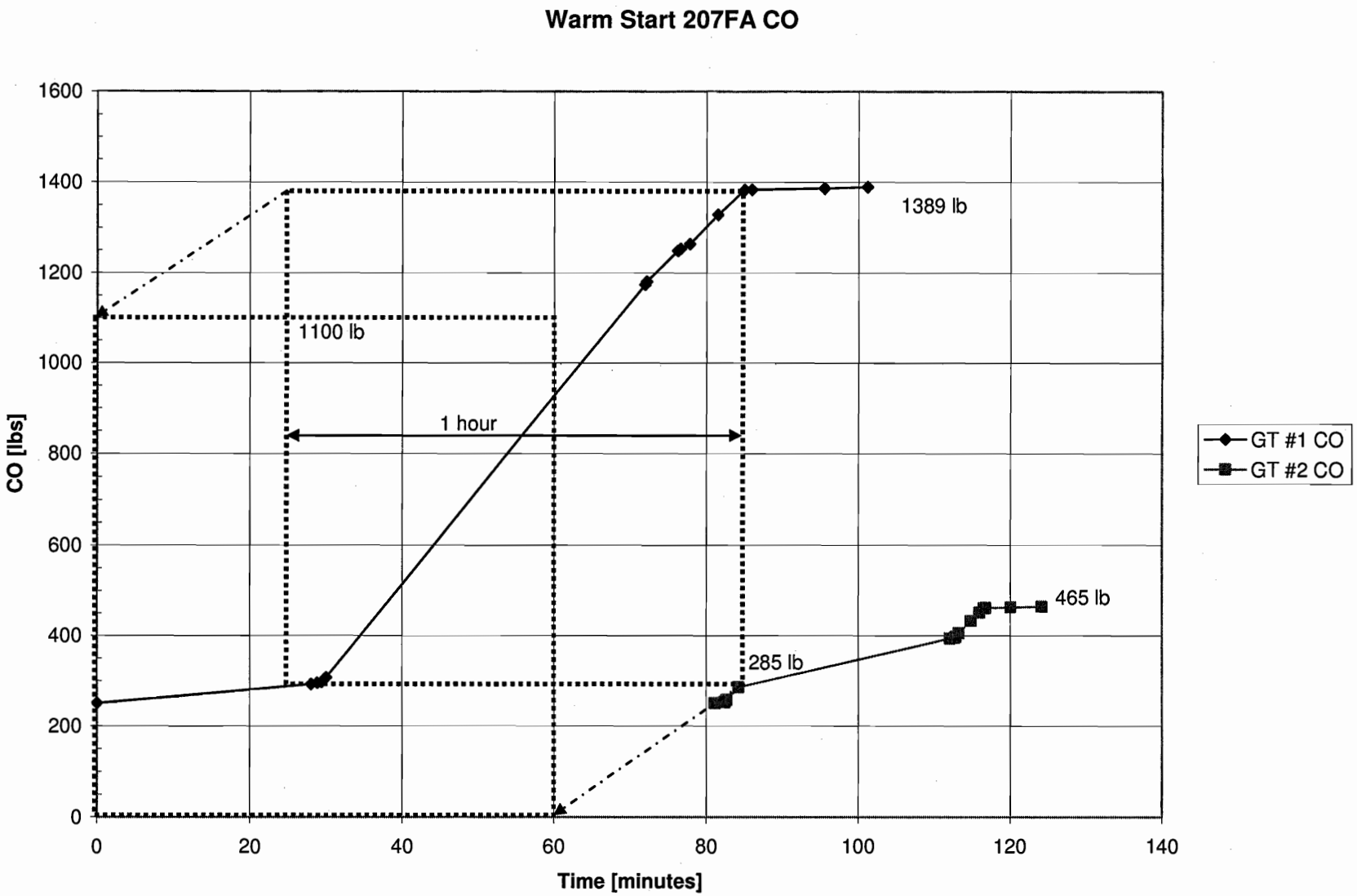
Scott Busa
Project Development Director

cc: Duane McCloud, FPLE
David Stein, CH2MHill
Jim Swaney, SJVAPCD

ATTACHMENT A

Updated GE 207FA NOx and CO Startup Data


Cold Start 207FA NOx
NOx [lbs]
Time [minutes]
0
50
100
150
200
250
300
350
400
450
500
447 lb
273 lb
190 lb/hr
1 hour
GT #1 NOx
GT #2 NOx


Warm Start 207FA CO
1600
1400
1200
1000
800
600
400
200
0
CO [lbs]
0
20
40
60
80
100
120
140
Time [minutes]
1389 lb
1100 lb
1 hour
465 lb
285 lb
GT #1 CO
GT #2 CO

Attachment B
Tesla Power Plant Air Quality Modeling Supplement

CH2M HILL
155 GRAND AVENUE
SUITE 1000
OAKLAND, CA 94612
TEL 510.251.2426
FAX 510.622.9000

October 11, 2006

Mr. Dennis Jang
Senior Air Quality Engineer
Bay Area Air Quality Management District
939 Ellis Street
San Francisco, California 94109

Subject: Tesla Power Plant - Request for Modification of Final Document and Air Quality Modeling Supplement

Dear Mr. Jang:

As you know, on December 6, 2005, Midway Power submitted a request for extension and modification of the Final Determination of Compliance (FDOC) for the Tesla Power Plant (TPP). A copy of this request is attached.

Two of the modifications requested necessitate the requirement for supplemental modeling to demonstrate compliance with Prevention of Significant Deterioration (PSD) requirements and State and Federal Ambient Air Quality Standards (AAQS) as well as the requirement for supplemental emission offsets for the cooling tower PM_{10} emissions:

- Revisions to NOx and CO Startup Limits (AQ-25)
- Increase in cooling tower PM_{10} emissions (AQ-52)

In addition to the aforementioned request, Midway Power is now also requesting the elimination of the lower November 1 – January 31 daily PM_{10} emission limit contained in Condition AQ-28(e). This lower PM_{10} limit was imposed in order to avoid the need for a full PSD increment consumption analysis. Since the requested cooling tower increase has necessitated a full PSD increment analysis, this has obviated the need for a separate November 1 – January 31 PM_{10} limit. Instead, the daily PM_{10} limit in AQ-28 (d) should now apply for the entire year.

Enclosed with this letter is a comprehensive air quality modeling supplement demonstrating that TPP will comply with applicable PSD requirements and AAQSs. Due to the large volume of documentation associated with this effort, the modeling supplement contains only substantive excerpts of the modeling effort in hard copy. We are also enclosing a compact disc with a complete record of all input and output files, as well as the large volume of source inventory information we received from both BAAQMD and SJVAPCD.

large volume of source inventory information we received from both BAAQMD and SJVAPCD.

On July 10, 2006, Midway Power submitted an updated Compliance Certification and a preliminary ERC package. The ERC Package inadvertently omitted offsets for the cooling tower PM10 emissions, which were previously exempt from BAAQMD emission offset requirements (as individual cooling tower PM_{10} emissions were less than 5 ton/yr). The District informed Midway Power of the PM_{10} shortfall upon submittal of the July 10 ERC package. Attached to this letter is supplementary ERC information for the cooling tower PM_{10} emissions including a revised ERC summary table and a copy of the agreement for purchase of the additional ERCs.

Should you have any questions regarding the enclosed information, please contact Kenneth Stein, JD of FPL Energy at (561) 691-2261 or me at (510) 587-7787.

Sincerely,

CH2M HILL

David Stein
Vice President

c: Jeri Scott, CEC

Enclosures

TOTAL OWNED AND OPTIONED EMMISSION REDUCTION CREDITS
MIDWAY POWER - TESLA PROJECT
Status as of 10/10/06

Required ERCs		
tons		lbs
287.3	NOX	574,660
69.5	POC	139,020
209.4	PM10	418,860

		Certificate Listed ERCs				
Acquired/Optioned	**Status**	**NOx tons**	**POC tons**	**PM10 tons**	**SO2 tons**	
Bay Area AQMD						**Cert #**
Western Spray Painting	Own	0.0	5.1	0.0	0.0	710
National Semiconductor	Own	0.0	45.0	0.0	0.0	718
National Semiconductor	Own	0.0	5.0	0.0	0.0	719
C & H Sugar	Own	49.0	0.0	0.0	0.0	720
C & H Sugar	Own	0.0	2.4	0.1	0.0	721
Crown, Cork & Seal	Own	1.6	0.1	0.1	0.0	778
Crown, Cork, & Seal (4)	Own	2.7	0.1	0.0	0.0	798
Pacific Lithograph	Own	1.3	5.9	0.0	0.0	767
Rexam Beverage	Own	0.0	39.0	0.0	0.0	762
ConAgra (Hunt Wesson)	Own	21.0	0.0	0.0	0.0	773
Maxxim Medical	Own	5.0	2.9	0.4	0.0	780
Phoenix Iron Works	Own	0.0	0.0	1.2	0.0	800
Pacific Custom Materials	Own	17.8	1.1	5.1	22.6	970
Owens Brockway	Own	135.5	0.0	0.0	136.3	980
Calpine	Own	0.0	0.0	27.8	0.0	988
Johns Manville	Own	0.0	0.0	3.2	6.5	991
Calpine II (will use SO2 **or** PM10, not both)	contract	0.0	0.0	17.3	52.8	Applic #14971 for PM10 or 947 for SO2
ConAgra Energy Services, Inc.	settlement agreement**	2.1	61.1	1.5	0.0	774, 787
Waste Mgmt.	Option expires 3/31/07	0.0	0.0	98.0	0.0	821
Subtotal Acquired/optioned		**235.9**	**167.7**	**154.6**	**218**	
		403.6		227.4		

Interpollutant trading on a 1:1 ratio (POC for NOx) has been approved by the BAAQMD. The total offset liability for NOx and POC combined is 356.8 tons.

Interpollutant trading on a 3:1 ratio (SO2 for PM10) has been approved by the BAAQMD for other projects and the same allowance is being requested as a permit amendment by Midway

** The project company has a settlement agreement with ConAgra to purchase these ERCs if the project is built or sold.

AGREEMENT FOR PURCHASE AND SALE OF EMISSION REDUCTION CREDITS

This agreement for purchase and sale of certain emission reduction credits (the "Agreement") is made this [9th] day of October 2006 by and between Midway Power, LLC (the "Buyer") and Calpine Corporation (the "Seller").

RECITALS

WHEREAS, the Seller is interested in selling, and the Buyer is interested in purchasing, certain sulfur dioxide emission reduction credits and, only in the event that certain documentation is issued by the Bay Area Air Quality Management District ("BAAQMD"), certain other particulate matter emission reduction credits pursuant to the terms and conditions hereof.

WHEREAS, the Seller desires to obtain and is in the process of obtaining a certificate evidencing its ownership of 17.25 tons per year (tpy) of particulate matter less than 10 microns ("PM10") emission reduction credits (collectively, the "PM10 ERCs") to be issued and banked pursuant to the applicable BAAQMD rules and regulations.

WHEREAS, the Seller and the Buyer acknowledge that the PM10 Transfer Date (as defined herein) cannot occur unless the Seller is successful in its efforts to obtain from the BAAQMD the PM10 Certificate (as defined herein).

WHEREAS, on December 20, 2005 and various dates thereafter, the Seller and certain of its affiliates (collectively, the "Debtors"), commenced proceedings under chapter 11 of title 11 (the "Bankruptcy Cases") of the United States Code, 11 U.S.C. §§ 101-1330, as amended by the Bankruptcy Abuse Prevention and Consumer Protection Act of 2005 (the "Bankruptcy Code") in the United States Bankruptcy Code in the United States Bankruptcy Court for the Southern District of New York (the "Bankruptcy Court").

WHEREAS, on February 3, 2006, the Debtors filed a motion, under case docket number 712, seeking the Bankruptcy Court's entry of an order pursuant to sections 105, 363, 541 and 554 of the Bankruptcy Code authorizing and approving procedures for (a) the sale, transfer or abandonment of *de minimis* assets and (b) the sale or transfer of the assets of the non-Debtor subsidiaries (the "Motion").

WHEREAS, on March 1, 2006, the Bankruptcy Court entered an order, under case docket number 926, approving the Motion (the "Order").

WHEREAS, pursuant to the Order, the Buyer and the Seller intend to consummate the transactions specified in this Agreement, subject only to the occurrence of the effective date (the "Effective Date") that occurs one (1) business day after the date that, pursuant to the Order, is the last date by which objections to the Agreement and the transactions contemplated herein must be filed with the Bankruptcy Court under the objection procedures as expressly set forth in the Order.

NOW, THEREFORE, in consideration of the foregoing and of the mutual promises hereinafter set forth, the Seller and the Buyer, intending to be legally bound, agree as follows:

ARTICLE 1 — Representations and Warranties of the Seller

The Seller hereby represents and warrants to the Buyer as follows:

1(a) The Seller owns and controls all right, title and interest in 51.75 tpy of Bay Area Sulfur Dioxide (SO2) Emission Reduction Credits (collectively, the "SO2 ERCs"). The SO2 ERCs are issued as part of the BAAQMD Certificate of Deposit No. 947. The Seller agrees to transfer the SO2 ERCs to the Buyer from the BAAQMD Certificate of Deposit No. 947.

1(b) All of the SO2 ERCs are valid, effective and duly registered with the BAAQMD.

1(c) The Seller hereby represents and warrants to the Buyer that the Seller is in the process of obtaining from the BAAQMD all of the appropriate documentation that would be required for the transfer of the PM10 ERCs to the Buyer, at the Seller's option, at a later date.

1(d) The Seller is duly organized, validly existing and in good standing under the laws of the State of Delaware and/or the State of California, and is duly authorized to do business in the State of California and, except for its express compliance with the Order and subject to the occurrence of the Effective Date, has all requisite power and authority to enter into this Agreement and to consummate the transactions contemplated hereby. Except as described elsewhere in this Agreement, the execution of and performance under this Agreement by the Seller and the consummation of the transactions contemplated hereby have been duly and validly authorized. When executed, this Agreement will constitute a legal, valid and binding obligation of the Seller enforceable against the Seller in accordance with its terms, except to the extent that such enforceability may be limited by the Bankruptcy Cases or other applicable bankruptcy, insolvency, reorganization, moratorium or similar laws. The execution of and performance under this Agreement by the Seller do not, and the consummation of the transactions contemplated hereby will not, result in the breach of or constitute a default under any provision of the charter documents or bylaws of the Seller or any other contract or instrument to which the Seller is a party.

1(e) Should the Seller elect to exercise its option as set forth in Article 4 hereof, on the date of the Seller's transfer of the PM10 ERCs to the Buyer, which date cannot occur later than February 28, 2007 (the "PM10 Transfer Date"), the Seller represents and warrants that, as of the PM10 Transfer Date, the Seller shall own and control all right, title and interest in the PM10 ERCs. In addition, should the Seller elect to exercise its option as set forth in Article 4 hereof, the Seller represents and warrants to the Buyer that, as of the PM10 Transfer Date, the PM10 ERCs shall be valid, effective and duly registered with the BAAQMD.

ARTICLE 2 — Representations and Warranties of the Buyer

The Buyer hereby represents and warrants to the Seller as follows:

2(a) The Buyer is duly authorized to do business in California and has all requisite power and authority to enter into this Agreement and to consummate the transactions contemplated hereby. The execution of and performance under this Agreement by the Buyer and the consummation of the transactions contemplated hereby have been duly and validly authorized. When executed, this Agreement will constitute a legal, valid and binding obligation of the Buyer and will be enforceable against the Buyer in accordance with its terms, except to the extent that such enforceability may be limited by applicable bankruptcy, insolvency, reorganization, moratorium or similar laws. The execution of and performance under this Agreement by the Buyer do not, and the consummation of the transactions contemplated hereby will not, result in the breach of or constitute a default under any provision of the charter documents or bylaws of the Buyer or any other contract or instrument to which the Buyer is a party.

2(b) Neither the Buyer nor any of its officers or directors are "affiliates" or "insiders" of the Seller within the meaning of section 101 of the Bankruptcy Code, and neither the Buyer nor any of its officers or directors are agents, employees or retained professionals of the Seller or the Seller's "affiliate" within the meaning of section 101 of the Bankruptcy Code.

ARTICLE 3 — Purchase and Sale of the SO2 ERCs

3(a) Subject only to the occurrence of the Effective Date, the Seller hereby agrees to sell, convey, transfer, grant and deliver to the Buyer the SO2 ERCs and the Buyer hereby agrees to purchase and accept from the Seller the SO2 ERCs for the aggregate purchase price of $517,500.00 (the "SO2 Total Purchase Price") calculated by multiplying $10,000.00 by 51.75 tpy of the SO2 ERCs.

3(b) Within four (4) business days after the Effective Date, the Seller shall submit to Element Markets Partners, LP (the "Broker") all required documentation as necessary to direct the BAAQMD to transfer the SO2 ERCs from the Seller to the Buyer. Upon the occurrence of the Effective Date, the Seller shall take all actions necessary or appropriate to obtain the prompt transfer of the SO2 ERCs to the Buyer and shall direct the BAAQMD to deliver all of the documentation evidencing the transfer of the SO2 ERCs to the Buyer. The Buyer hereby agrees to pay and shall pay all transfer, filing and registration fees and associated charges imposed by the BAAQMD for the transfer of the SO2 ERCs to the Buyer and the SO2 Brokerage Fee pursuant to Article 15 hereof.

3(c) Provided that the Broker has received from the Buyer the SO2 Total Purchase Price for the sale of the SO2 ERCs, the Buyer and the Seller hereby agree to instruct the Broker to: (a) within four (4) business days after the Broker's receipt of documentation of the transfer of the SO2 ERCs to the Buyer, transfer to the Seller, in immediately available funds remitted by wire transfer to the account designated in writing by the Seller, the SO2 Total Purchase Price; and (b) within four (4) business days after the Broker's receipt of documentation of the transfer of the SO2 ERCs to the Buyer, deliver to the Buyer documentation evidencing that the SO2 ERCs are held in the Buyer's name.

ARTICLE 4 — Purchase and Sale of the PM10 ERCs

4(a) In the event that the Seller obtains a certificate from the BAAQMD for the PM10 ERCs (the "PM10 Certificate") prior to the PM10 Transfer Date, the Seller, at its sole and exclusive option, may sell, convey, transfer, grant and deliver to the Buyer on the PM10 Transfer Date the PM10 ERCs for $517,500.00 (the "PM10 Total Purchase Price") calculated by multiplying $30,000.00 by 17.25 tpy of the PM10 ERCs. Should the Seller choose to exercise its option to sell the PM10 ERCs to the Buyer, the Buyer hereby agrees to: (i) purchase and accept from the Seller the PM10 ERCs for the PM10 Total Purchase Price; (ii) undertake all of the necessary actions to convey, transfer, grant and deliver to the Seller the SO2 ERCs purchased by the Buyer pursuant to Section 3(a) hereof, including the Buyer's obtaining from the BAAQMD all of the appropriate documentation that would be required for the transfer of the SO2 ERCs back to the Seller; and (iii) to the extent required, pay all of the brokerage fees and any other transfer costs, if any, in connection with the transfer of the SO2 ERCs to the Seller pursuant to Section 4(a)(ii) hereof. Within 5 (five) business days after the date on which transfer of the SO2 ERCs by the Buyer to the Seller (the "SO2 Exchange") becomes effective and the SO2 ERCs are properly registered with the BAAQMD in the Seller's name (the "SO2 Exchange Date"), the Seller shall refund the SO2 Total Purchase Price to the Buyer, excluding the SO2 Brokerage Fee paid by the Buyer pursuant to Article 15 hereof.

4(b) In the event that the Seller chooses to exercise its option to sell the PM10 ERCs to the Buyer, the Seller shall provide a copy of the PM10 Certificate to the Buyer. The Buyer will have five (5) business days to conduct due diligence after its receipt of the PM10 Certificate. At the end of the due diligence period (the "Due Diligence End Date"), if the Buyer has found that the PM10 Certificate is acceptable to it, the Seller shall submit to the Broker all required documentation as necessary to direct the BAAQMD to transfer the PM10 ERCs from the Seller to the Buyer, and the Buyer and the Seller shall undertake the following actions: (i) within four (4) business days after the Due Diligence End Date, the Seller shall submit to the Broker all required documentation as necessary to direct the BAAQMD to transfer the PM10 ERCs from the Seller to the Buyer; (ii) upon the occurrence of the Due Diligence End Date, the Seller shall take all actions necessary or appropriate to obtain the prompt transfer of the PM10 ERCs to the Buyer and shall direct the BAAQMD to deliver all of the documentation evidencing the transfer of the PM10 ERCs to the Buyer; and (iii) the Buyer shall pay all transfer, filing and registration fees and associated charges imposed by the BAAQMD for the transfer of the PM10 ERCs to the Buyer, including the PM10 Brokerage Fee pursuant to Article 15 hereof or other transfer costs, if any, in connection with the transfer of the PM10 ERCs pursuant to Section 4(a) hereof.

4(c) Provided that the Broker has received from the Buyer the PM10 Total Purchase Price for the sale of the PM10 ERCs, the Buyer and the Seller hereby agree to instruct the Broker to: (a) within four (4) business days after the Broker's receipt of documentation of the transfer of the PM10 ERCs to the Buyer, transfer to the Seller, in immediately available funds remitted by wire transfer to the account designated in writing by the Seller, the PM10 Total Purchase Price; and (b) within four (4) business days after the Broker's receipt of documentation of the transfer of the PM10 ERCs to the Buyer, deliver to the Buyer all of the required documentation evidencing that the PM10 ERCs are held in the Buyer's name.

ARTICLE 5 — Total Purchase Price and Escrow Terms

5(a) With respect to each of the sale of the SO2 ERCs, the PM10 ERCs and, to the extent required, the SO2 Exchange pursuant to Section 4(a) hereof, the Broker shall act as escrow agent for both the Buyer and the Seller. The Broker agrees to hold the SO2 Total Purchase Price and the PM10 Total Purchase Price, as the case may be, in escrow. In connection with both the sale of the SO2 ERCs and the sale of the PM10 ERCs to the Buyer, provided that the SO2 Total Purchase Price, the PM10 Total Purchase Price, the SO2 Brokerage Fee, the PM10 Brokerage Fee (if applicable), and the applicable BAAQMD transfer, filing and registration fees have been paid to the Broker by the Buyer, the Buyer and the Seller hereby acknowledge that they have instructed (and do hereby instruct) the Broker to release the SO2 Total Purchase Price or the PM10 Total Purchase Price, as the case may be, held in escrow to the Seller within four (4) business days after the Broker's receipt of the documentation of the transfer of the SO2 ERCs or the PM10 ERCs, as the case may be, issued by the BAAQMD in the name of the Buyer. The transfer of the SO2 Total Purchase Price funds or the PM10 Total Purchase Price funds from the Broker's escrow account shall be made by the Broker by wire transfer of immediately available funds to the account of the Seller, as designated in writing by the Seller. The Seller shall accept the SO2 Total Purchase Price as payment in full for the SO2 ERCs and the PM10 Total Purchase Price as payment in full for the PM10 ERCs.

5(b) In the event of any conflicting demands, disagreements or disputes between the Buyer and the Seller with respect to all or any portion of the SO2 Total Purchase Price or the PM10 Total Purchase Price payable in connection with the sale of the SO2 ERCs or the PM10

ERCs to the Buyer, the Broker shall have the right, at its option, to refuse to comply with any claims or demands on it, or refuse to take any other action hereunder, so long as such disagreement continues; in doing so, the Broker shall not be or become liable for damages or interest to the Buyer or the Seller or to any persons for its failure to comply with such conflicting or adverse demands. The Broker may continue to so refuse to act until (i) the rights of the adverse claimants have been finally adjudicated in a court of competent jurisdiction; or (ii) all differences have been settled by mutual agreement between the Buyer and the Seller, and the Broker shall have been notified thereof in a writing signed by the Buyer and the Seller. Provided that the Broker has not received notice from the Buyer and the Seller that such differences have been settled by mutual agreement and subject to full compliance with the provisions of the Bankruptcy Code, the Broker may file a suit in interpleader for the purpose of having the respective rights of the claimants adjudicated, and deposit with the court all funds and documents held hereunder without any further liability to the Buyer or the Seller. The Buyer and the Seller hereby indemnify and hold the Broker harmless from and against any loss, liability or expense arising out of or in connection with the performance of its duties hereunder, including, but not limited to, legal and other fees and expenses, including any legal or other expenses with respect to any action for interpleader commenced by the Broker.

ARTICLE 6 — Counterparts

This Agreement may be executed in two or more counterparts, each of which shall be deemed to be an original and all of which shall constitute the same instrument, and may be executed by facsimile copy.

ARTICLE 7 — Entirety and Modifications in Writing

This Agreement and any other written agreements between the Buyer and the Seller, as of the date hereof, set forth the entire agreement of the Buyer and the Seller with respect to the matters contained herein as of the date hereof, and supersede all prior negotiations, representations or agreements relating thereto, written or oral, except to the extent that they are expressly incorporated herein. No amendments, changes, alterations or modifications of this Agreement shall be effective unless made in writing and executed by both the Buyer and the Seller.

ARTICLE 8 — Waiver

No waiver of the terms, conditions or covenants of this Agreement shall be binding and effective unless the same shall be in writing signed by both the Buyer and the Seller. A waiver of any breach of the terms, conditions and covenants of this Agreement shall be for that one time only and shall not apply to any subsequent breach.

ARTICLE 9 — Notices

Any notice to be given hereunder shall be sent prepaid by first-class United States mail, express courier, telecopier or personally delivered to:

If to the Buyer:

Midway Power, LLC
700 Universe Boulevard
Juno Beach, Florida 33408
Attention: Mr. Scott Busa

Telephone: (561) 691-2889
Facsimile: (561) 691-7307

If to the Seller:

Calpine Corporation
4160 Dublin Boulevard
Dublin, California 94568
Attention: Ms. Barbara McBride

Telephone: (925) 479-6729
Facsimile: (925) 479-7303

With a copy to the Broker:

Element Markets Partners, LP
One Sugar Creek Center Boulevard
Suite 250
Sugar Land, Texas 77478
Attention: Mr. Randall N. Lack

Telephone: (281) 207-7200
Facsimile: (415) 296-9582

ARTICLE 10 — Captions

Headings of particular sections herein are inserted only for convenience and are in no way to be construed as a part of this Agreement or as a limitation of the scope of the sections to which they refer.

ARTICLE 11 — Governing Law

This Agreement and the legal relations of the parties hereto shall be governed by the laws of the State of California, unless this Agreement is subject to choice of law principles that would require the application of the Bankruptcy Code or the laws of another jurisdiction.

ARTICLE 12 — Further Acts

In addition to the acts specifically required in this Agreement, the Buyer and the Seller each agree to perform or cause to be performed any and all such further acts and to provide such further assurances as may be reasonably necessary to consummate the transactions contemplated hereby, including, without limitation, the execution, delivery and, if applicable, filing or registration of such additional documents and instruments as may be reasonably requested by the other party hereto.

ARTICLE 13 — Waiver of Consequential Damages

In no event shall either party hereto be liable under this Agreement for consequential, incidental, indirect, punitive or exemplary damages, including, but not limited to, lost profits or lost business opportunities, whether in law or equity, contract or tort (including negligence), strict liability or otherwise, and each party hereto hereby expressly releases the other, and the

parties hereto agree to defend, indemnify and hold harmless the other party, from any such claims brought by third parties.

ARTICLE 14 — Attorneys' Fees and Expenses

In the event a dispute arises between the Buyer and the Seller that results in litigation, including any proceedings in the Bankruptcy Court, the prevailing party in the litigation shall be entitled to recover from the losing party its reasonable attorneys' fees, expenses and costs incurred in pursuing such action.

ARTICLE 15 — Brokerage Fees

The Buyer shall pay 7% of the SO2 Total Purchase Price ($36,225.00) (the "SO2 Brokerage Fee") to the Broker as a brokerage fee in connection with the sale of the SO2 ERCs by the Seller. In the event that the Seller obtains the PM10 Certificate and chooses to exercise its option to sell the PM10 ERCs to the Buyer pursuant to Article 4 hereof, the Buyer hereby also agrees to pay and shall in fact pay to the Broker 7% of the PM10 Total Purchase Price ($36,225.00) (the "PM 10 Brokerage Fee").

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by their duly authorized representatives as set forth immediately below:

CALPINE CORPORATION	MIDWAY POWER, LLC
By: _____ Vice President	By: _____
Title: _____	Title: _____

Accepted and agreed to on behalf of ELEMENT MARKETS PARTNERS, LP for purposes of Sections 3(b), 3(c), Article 5, Article 4, Article 9 and Article 15 hereof by:

ELEMENT MARKETS LLC
(acting in its capacity as a general partner of Element Markets Partners, LP)

By: _____
Randall N. Lack

Title: Managing Director

Date: October __, 2006

Report

Tesla Power Plant Air Quality Modeling Supplement

Submitted by

Midway Power, LLC

October 2006

Prepared by

CH2MHILL
155 Grand Ave. Ste 1000
Oakland, CA 94612

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A. Request for Extension and Modification of the Final Determination of Compliance (FDOC), December 6, 2005

B. Calculation of Tesla Power Plant Cooling Tower PM_{10} Emissions

C. Ambient Air Quality Standards Compliance- Results
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- D.1 Impact Area Determination Output Files
- D.2 Summary of SCREEN3 Results
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- D.4 Summary of City of Tracy Area Source Calculations
- D.5 Summary of Highway Segments Volume and Area Sources

E. PSD Compliance – Results
- E.1 ISCST3 Results Summary
- E.2 ISCST3 Output File Excerpts

F. CD with Complete Modeling and Data Files
- Cumulative Impacts: NO_X, CO, PM_{10}
- Increment Analysis: PM_{10}
- Impact Area Determination
- BPIP Files
- MET Data Files
- DEM Data Files
- SCREEN3 Output Files
- URBEMIS Output Files
- Source data received from BAAQMD and SJVAPCD

Tesla Power Plant Air Quality Modeling Supplement

1.0 Overview

On December 6, 2005, Midway Power, LLC submitted a Request for Extension and Modification of the Final Determination of Compliance (FDOC) issued for the Tesla Power Project (TPP) (See Appendix A). The request included (but was no limited to):

- Increased CO and NO_x startup emission rates for the gas combustion turbine heat and recovery steam generator (HRSG) stacks (FDOC Condition 25, CEC License Condition AQ-25).
- Increased PM_{10} emission rates for the cooling tower resulting from a requested increase in the total dissolved solids (TDS) content of the circulating water (FDOC Condition 52, CEC License Condition 52.

In addition to these proposed changes, Midway Power is also requesting that the November 1 to January 31 PM_{10} limit (FDOC Condition 28(f), CEC License Condition AQ-28 (f) be deleted.

Although compliance with short-term ambient air quality standards (1-hour and 8-hour CO and 1-hour NO_x) was demonstrated in the FDOC, revised dispersion modeling has been performed to demonstrate compliance with these standards at the revised emission rates.

The proposed PM_{10} emission rate changes result in project PM_{10} impacts that exceed the Prevention of Significant Deterioration (PSD) 24-hr average significant impact threshold of 5 $\mu g/m^3$ at limited locations. As a result the proposed increase invoked the requirement for a full PSD increment consumption analysis.

This Modeling Supplement documents conformance with applicable PSD requirements and State and Federal ambient air quality standards based on the requested emission rate changes.

2.0 Modeled Emission Rates

2.1 Cooling Tower Emissions - TDS Increase

In order to accommodate the use of recycled water from the City of Tracy, Midway Power has proposed to increase the TDS concentration limit in the cooling water from 1868 ppm (by weight) to 6000 ppm. As a result, PM_{10} emissions from the cooling towers will increase from 6.1 ton/yr to 19.5 ton/yr . Calculation of the proposed change to cooling tower PM_{10} emission rate is documented in Appendix B. The revised cooling tower PM_{10} emissions are summarized in Table 2-1.

2.2 Revised NO_X and CO Startup Emissions

Changes in the emission rates for NO_x and CO during startup have been proposed due to updated information regarding the startup sequence of the four gas turbine units since the original license application. These changes were documented in the December 6, 2005 letter and are summarized in Table 2-1 below.

2.3 Elimination of November 1 - January 31 PM_{10} Emission Limit

In the original FDOC, Midway Power proposed a lower November 1 – January 31 PM_{10} emission limit of 1080 lb/day (for all 4 units combined) with the objective of remaining below the PSD 24-hr average significant impact threshold of 5 $\mu g/m^3$ and thereby avoid a full PSD increment analysis. Since the required cooling tower TDS increase has necessitated a full PSD increment analysis, there is no longer a need for this November 1 – January 31 PM_{10} emission limit and Midway Power proposes to eliminate it.

These modeled emission rates reflecting these proposed emission rate changes are summarized in Table 2-1.

TABLE 2-1

Modeled Emission Rates for Proposed Tesla Power Plant NO_x, CO and PM_{10} Revisions

Pollutant	Averaging Time	Gas Turbine HRSG Stack[a]				Cooling Tower Cell[b]			
		Original License		Proposed Changes		Original License		Proposed Changes	
		lb/hr	g/s	lb/hr	g/s	lb/hr	g/s	lb/hr	g/s
NO_x	1-Hour	150 15.7	18.90 1.974	190 130	23.939 16.380	-	-	-	-
CO	1-Hour	662.5 28.6	83.54	1100 285	138.597 35.909	-	-	-	-
	8-Hour	165.3	20.84	188.73 72.44	23.779 9.127				
PM_{10}	24-Hour			12.75	1.606	0.0633	0.00798	0.20	0.0255
	Feb 1 – Oct 31 Nov 1 – Jan 31[c]	12.75 11.25	1.606 1.418						
	Annual	10.84	1.366	10.84	1.366	0.0633	0.00798	0.20	0.0255

[a] Emission rates per stack. NO_x and CO 1-hour emission rates given for simultaneously running 2 units with maximum startup emissions and 2 units at maximum operating emissions.
[b] PM_{10} emission rates per cell. Cooling tower has a total of 22 cells.
[c] Condition AQ-28(e) limits PM_{10} emissions from all four units combined to 1080 lb/day. This is equivalent to a 24-hr average emission rate of 11.25 lb/hr per unit if all four units operate continuously. Midway Power is proposing to replace this limit with the same emission rate limit that applies during the remainder of the year.

3.0 Ambient Air Quality Standards Compliance

3.1 Modeling Methodology

Cumulative ambient air quality impacts for the revised PM_{10} and CO emissions were determined using the Industrial Source Complex, Short-Term Model (ISCST3,

Version 02035). Model options selected for ISCST3 are consistent with the submitted modeling protocol and identical the original project analysis, as listed below.

For the 1-hour NO_x air quality analysis, the EPA ISC_OLM Model (Version 96.113) model was used which was approved by BAAQMD. This version of ISC is an ambient ratio method for the prediction of annual and short term nitrogen impacts. The model incorporates the Tier 3 screening level analysis procedures of ozone limiting method contained in the 1986 Guideline on Air Quality Models. The model was executed using the refined hourly sequential meteorology with concurrent hourly ozone concentrations. Model options selected for the ISC_OLM are identical to those used in the original project analysis, as listed below.

- Gradual plume rise
- Regulatory default options
- Anemometer height of 10 meters
- Direction-specific building downwash
- Rural dispersion parameters
- Actual receptor elevations
- Complex and intermediate terrain algorithms (if appropriate)

Good Engineering Practice Stack Height and Downwash

Stack locations, heights, building locations and dimensions were input to the Building Profile Input Program (BPIP Version 95806). BPIP determines stacks are subjected to wake effects from a structure or structures. Direction-dependent "equivalent building dimensions" are determined for stacks influenced by structure wake effects. The BPIP output was used in the ISCST3 modeling. These files and inputs are identical to the original project modeling setup, since there are no changes to the facility layout.

Receptors

Receptor and source base elevations were determined from USGS Digital Elevation Model (DEM) data using the 7½-minute format (i.e., 30 meter spacing between grid nodes). All coordinates were referenced to UTM North American Datum 1927 (NAD27), zone 10.

The initial coarse receptor grid used included the following nested grids specified below. The refined grid analysis used a 30 meter spacing as specified in the modeling protocol.

The nested Cartesian grid of receptors as follows:

- Receptors were placed at 25-meter intervals around the fenceline and extended approximately 100 m.
- The 100-meter grid extended approximately 1000 m.
- The 500-meter grid extended approximately 5 km.
- The 1000-meter grid extended approximately 10 km.

Meteorological and Ozone Data

The same meteorological and background ozone data used for the original analysis was used in this analysis. The data were taken for 1997-1999 from the Tracy Paterson Pass monitoring station operated by the SJVAPCD. SJVAPCD confirmed that more recent data is not available for this station (SJVAPCD, 2005). Wind direction, wind speed and temperature from Tracy Patterson Pass station, and integrated cloud cover, mixing height from Stockton and 600 meter ceilings were applied in this previously approved meteorological data set.

Other Sources

Two sources, East Altamont Energy Center and a proposed Wellhead Electric power plant, have been issued Authority to Construct permits and are not constructed. Proposed emissions from these two sources were included in the original air quality analysis and the same stack parameters were utilized.

3.2 Modeling Results

Maximum concentrations obtained by model results are added to background concentrations and compared to ambient air quality standards. Background concentrations were obtained from the Stockton- Hazelton monitoring station. Background concentrations were taken as the maximum concentration that occurred during the most recent three years of measurements. A summary of the maximum impacts by averaging period is given in Table 3-1. All concentrations are below the National Ambient Air Quality Standards (NAAQS). Although the overall concentrations of 24-hour and annual PM_{10} do not meet the CAAQs, background PM_{10} concentrations at the Stockton-Hazelton station already exceed the CAAQs. TPP will not cause a new violation. Appendix C provides details on the modeling results.

TABLE 3-1
CAAQS and NAAQS Compliance Summary for NOx, CO and PM_{10}

Pollutant	Averaging Period	Maximum Predicted TPP Impact ($\mu g/m^3$)	Background Concentration ($\mu g/m^3$) [a]	Total Concentration($\mu g/m^3$)	NAAQS ($\mu g/m^3$)	CAAQS ($\mu g/m^3$)
NO_X	1 Hour	178.8	164	342.8	-	470
CO	1-Hour	2,421	6,641	9,062	40,000	23,000
CO	8-Hour	176.9	3,550	3,727	10,000	10,000
PM_{10}	24-Hour	10.6	112.8	123.4	150	50
PM_{10}	Annual	1.6	26	27.6	50	20

[a] Background concentrations obtained from the Stockton-Hazelton monitoring station.

3.3 Conclusion

The proposed TPP changes in emission rates of NO_x, CO and PM_{10} have been evaluated using ISCST3. It has been determined that the proposed changes will not cause or contribute to a new violation of any applicable ambient air quality standard.

4.0 Prevention of Significant Deterioration (PSD) Compliance

4.1 Modeling Methodology

The PSD increment analysis for PM_{10} was performed using the same ISCST3 model, meteorological data, and BPIP files as described for the Ambient Air Quality Analysis in Section 3.1.

The original modeling protocol indicated that a 30 m grid spacing would be used throughout the impact area. This initial proposal was based on preliminary modeling indicating that the impact area would be a relatively small area extending only 1 km from TPP and the anticipation that a relatively small number of sources would be potentially consuming increment. Subsequent to submittal of the original protocol it was discovered that the impact area would extend to approximately 5100 m. In addition, the source inventory effort identified over 50 stationary sources. In addition, geographic coverage required that area highway sources and the City of Tracy be modeled as numerous sources. In order to effectively manage the computation time required to complete the modeling effort, it was therefore necessary to adopt a revised approach to the receptor spacing.

Receptors in this analysis included a coarse nested receptor grid as specified below, and a fine receptor grid with 50 m spacing around the significant impact level point for Tesla.

The nested Cartesian grid of receptors as follows:

- Receptors were placed at 30-meter intervals around the fenceline and extended approximately 1000 m.
- The 100-meter grid extended approximately 2500 m.
- The 500-meter grid extended approximately 5100 m.

Following completion of the initial modeling runs, where high concentrations were observed in areas of coarse grid spacing, refined modeling was completed in these locations of specific concern (areas of high concentration) using 30 m receptor spacing.

PM_{10} emissions from other sources since the appropriate baseline dates were included in the analysis. The baseline dates for PM_{10} in Alameda County, which is within BAAQMD jurisdiction, are provided in Table 4-1.

TABLE 4-1
BAAQMD Alameda County Baseline Dates for PM10

Major Sources Baseline Date	January 6, 1975
Trigger Date	August 7, 1977
Minor Source Baseline Date	May 17, 2001

Source: BAAQMD

Emissions increases from permitted major stationary sources within 50 km of the impact area (within 55.1 km of the site) and minor stationary sources within 20 km of the impact

area (within 25.1 km of the site) are included, as well as estimated emission increases from area and mobile sources within 20 km of the TPP site. Maximum ambient impacts from TPP emissions and all other emissions increases from sources as defined above were determined for the area of significant impact.

4.1.1 Impact Area Determination

The impact area for TPP, as defined by PSD regulations is a circle with a radius equal to the most distant receptor with impacts exceeding the PSD significant impact levels. The location of 5 $\mu g/m^3$ impact for 24-hour PM_{10} was determined by modeling PM_{10} emissions from the four CTG HRSGs, 22 cooling tower cells, fire pump engine and the emergency generator. Appendix D.1 provides model results for determining the impact area. The most distance receptor with PM_{10} impacts exceeding 5 $\mu g/m^3$ was determined to be located at UTM coordinates (x, y) = (620,997 m, 4,176,124 m). This location was approximately 5100 m from the center of the site. The impact area was defined in the model as 5100 m from the fenceline, along the entire length.

4.1.2 Source Inventory

4.1.2.1 *Stationary Sources*

Permitted increases in PM_{10} emissions from major and minor stationary sources since the appropriate baseline dates were obtained from the BAAQMD and SJVAPCD. These data are included in Appendix F. The air districts also provided the source locations and stack parameters when available.

SCREEN3 was used to screen minor sources within 20 km of the impact area. Site-specific stack parameters were used when available. For sources with unknown stack parameters, the following default parameters were used (consistent with the District-approved protocol):

- Release height = 1 m
- Temperature = Ambient (70 F)
- Stack cross-sectional area= 1 ft^2
- Flow rate = 3000 ACFM

Other model parameters used for SCREEN3 include:

- Regulatory default options
- Ambient air temperature = 293 K
- Receptor height = 0 m
- Rural dispersion parameters
- No building downwash
- Simple terrain (terrain height of 0 m)

SCREEN3 results provided ground-level 1-hour concentrations resulting from a single source at the boundary of the impact area (approximately 1 km from project site). 24-hour concentrations for each minor source were estimated by multiplying the 1-hour concentration by 0.4 (USEPA, 1992). SCREEN 3 results and 24-hour concentrations summary are provide in Appendix D.2. Minor sources with estimated concentration of greater than 1 $\mu g/m3$ at the impact area boundary were included in the increment consumption analysis.

Thirty-one major and twenty-six minor stationary sources were included in the increment consumption analysis. Emissions from East Altamont and the Wellhead Electric project were also included. A listing of all stationary sources considered in the PSD increment analysis is provided in Appendix D.3.

4.1.2.2 *Area and Mobile Sources*

City of Tracy

The City of Tracy is included as an area source in the PSD increment analysis since it is located within 20 km of the impact area. The PM_{10} emissions from the City of Tracy were calculated using URBEMIS 2002 (Version 8.7). Changes in maximum daily PM_{10} emissions from the baseline date (2001) to the current year (2006) were based on population increase during that time. Population data for Tracy was obtained from the City of Tracy website (www.ci.tracy.ca.us). Census data for 2000 was used to determine the percentage population breakdown by homeowner and renter. The number of home owners was used to determine the number of family housing units. The number of renters was used to determine the number of single housing units. URBEMIS output files are included in Appendix D.4.

Table 4-2 summarizes the population of Tracy, the number of home owners and renters, and the associated PM_{10} emissions for 2001 and 2006. The change in daily PM_{10} emissions between 2001 from 2006 represents an increase in emissions, and is was used in the model.

TABLE 4-2
City of Tracy Area Source Emissions Evaluation Summary[a]

Year	2001	2006
Population (# of people)	61,178	80,641
Family Housing (units)	15,400	20,254
Single Housing (units)	3,565	4,689
PM_{10} emissions (lbs/day)	1,692.3	2,213.8
Area Source Emissions Change Included in Increment Consumption (lb/day)	512.5	

[a]See Appendix D.4 for URBEMIS model output files

The City of Tracy was modeled as several small area sources. The emission rate was apportioned based on the size of the area source. Therefore, the emission rate was the same on an emission per square area basis. The following briefly describes the parameters for the Tracy area sources.

Area source parameters used to model the City of Tracy are:

- Width Area: Varies
- Length to width ratio: 10 : 1 Maximum (Varies)
- Release height = 1 m
- PM_{10} Emission rate: 6.078E-8 g/sec/m^2

Appendix D.4 provides a summary of URBEMIS output and emissions calculations.

Major Highway Segments

Changes in mobile source emissions along major highways since the baseline date are also included in the increment analysis. Major highways within 20 km of TPP are Interstates 5, 580, and 205. Traffic counts for highway segments near the site were obtained from Caltrans Traffic and Vehicle Data Systems Unit for 2001 and 2005 (Caltrans). Annual average vehicle class composition and emission factors per vehicle class were determined using EMission FACtors (EMFAC) 2002 V2.2 for San Joaquin County for 2001 and 2005. Input parameters required in EMFAC were temperature (62 °F), relative humidity (61%), average vehicle speed (60 mph) and vehicle model years (1965-2001 and 1965-2005). The maximum change in highway emissions from 2001 (baseline) to 2005 was determined using a conservative worst case method by calculating the difference between the minimum annual average daily traffic (AADT) emissions for a given highway segment for 2001 and the maximum AADT emissions for 2005. Emissions were calculated using EMFAC and the AADT for both years. Changes in PM_{10} emissions for each highway segment were included as sources. Table 4-3 lists the highway segments and their associated change in PM_{10} emissions.

TABLE 4-3
Highway Segment PM_{10} Emissions Change Included in Increment Consumption

Highway	Segment	Length (miles)	Annual Average Daily Traffic (AADT)[a]		PM_{10} Emissions (g/s)[b]		
			Minimum 2001	Maximum 2005	2001	2005	Change (2005-2001)
5	Route 132 to Klasson Road	7.62	18700	23800	0.0667	0.0682	0.00155
205	Alameda-San Joaquin County line to Route 5	12.69	88000	112000	0.523	0.667	0.144
205	Begin freeway (Route 580) to Alameda-San Joaquin County line	0.24	106000	111000	0.0119	0.0116	-0.00028
580	Begin freeway (Route 5) to San Joaquin-Alameda County line	15.34	20900	43000	0.150	0.270	0.120
580	San Joaquin-Alameda County line to Airway Blvd. in Livermore	14.89	117000	191000	0.815	1.122	0.307

[a] Caltrans Traffic and Vehicle Data Systems Unit (http://traffic-counts.dot.ca.gov/)
[b] EMFAC model runs are included in Appendix D.5

The ISCST3 manual recommends using a series of volume sources to model line sources such as roads and highways. When considering large modeling domains or potential impacts at some distance from a sources, it is appropriate to use a series of area sources to reduce run times and the taxing of computing resources. Due to the large number of volume

source required for all highways within the 20 km radius and the distance from the areas of maximum potential impacts, volume sources were used only for highway segments within a 5 km radius of the site. Highway segments outside 5 km were modeled as area sources.

Volume source parameters used to model highway segments within 5 km of the site are:

- Width of highway = 16 m
- Separation of adjacent volume sources = 2*(width of highway) = 32 m
- Release height = 2 m
- Initial lateral dimension = (center-to-center distance)/2.15 = 14.88 m
- Initial vertical dimension = (vertical dimension)/4.3 = 0.47 m

Area source parameters used to model highway segments outside 5 km of the site are:

- Width of highway = 16 m
- Length to width ratio = 10 : 1
- Release height = 2 m
- Initial vertical dimension = (vertical dimension)/4.3 = 0.47 m

Please see Appendix D.5 for a summary of EMFAC output and emissions calculations.

4.2 Increment Analysis Results

The maximum ambient impacts within the impact area were compared with the allowable increments in Class II areas per PSD regulations.

The number of sources and receptors in the increment modeling runs resulted in large ISCST3 input and output files, and very long model runtimes. In order to minimize the runtime and data storage space, the modeled years were separated into two approximately equivalent modeling periods, each representing approximately ½ of a full year. The 24-hour averaging period impacts were determined by using the highest modeled concentration from either half of the modeled year. The annual concentration was calculated by averaging the results from the two runs representing each year. The maximum ambient impacts within the impact area were compared with the allowable increments in Class II areas per PSD regulations. Results indicated that maximum impacts occurred at locations east of TPP, within the 500 m spacing portion of the nested receptor grid described in Section 4.1. Table 4-4 summarizes the results from the initial model runs with the receptor grids as specified in Section 4.1. Please see Appendix E for detailed model output and results.

TABLE 4-4
Preliminary PM10 Increment Analysis Results

	Class II Allowable Increment ($\mu g/m^3$)	Predicted Maximum Increment Consumption[a] ($\mu g/m^3$)
PM_{10} 24-hour Maximum	30	20.0
PM_{10} Annual Arithmetic Average	17	3.0

[a]The maximum 24-hour modeled impact occurred during 1997, and the highest annual average occurred for 1999 in a location of 500 m grid spacing.

Because the location of maximum increment consumption occurred in an area of 500 m receptor spacing, refined modeling runs were performed using 30 m receptor spacing in the area of the predicted highs. The results of these refined modeling runs are summarized in Tables 4-5 and 4-6. As shown in Tables 4-5 and 4-6, the maximum predicted 24-hr and annual increment consumptions exceed the applicable PSD Class II increment thresholds. However, these maximum impacts are caused primarily by sources other than TPP and would occur without TPP. By utilizing the source group feature of ISCST3, it is possible to isolate the expected increment consumption attributable to TPP. The refined modeling demonstrates that TPP impact is less than the 1 or 5 $\mu g/m^3$ Significant Impact Level (SIL) at any location where an exceedance of the PSD increment is predicted.

In accordance with the guidance in EPA's New Source Review Workshop Manual - Draft (1990), TPP impacts are not considered to contribute to an increment exceedance. Figure 4-1 shows the location of the predicted excursions of the 24-hr PSD increment and also demonstrates that these areas are outside of limited areas where TPP impacts are 5 $\mu g/m^3$ or greater.

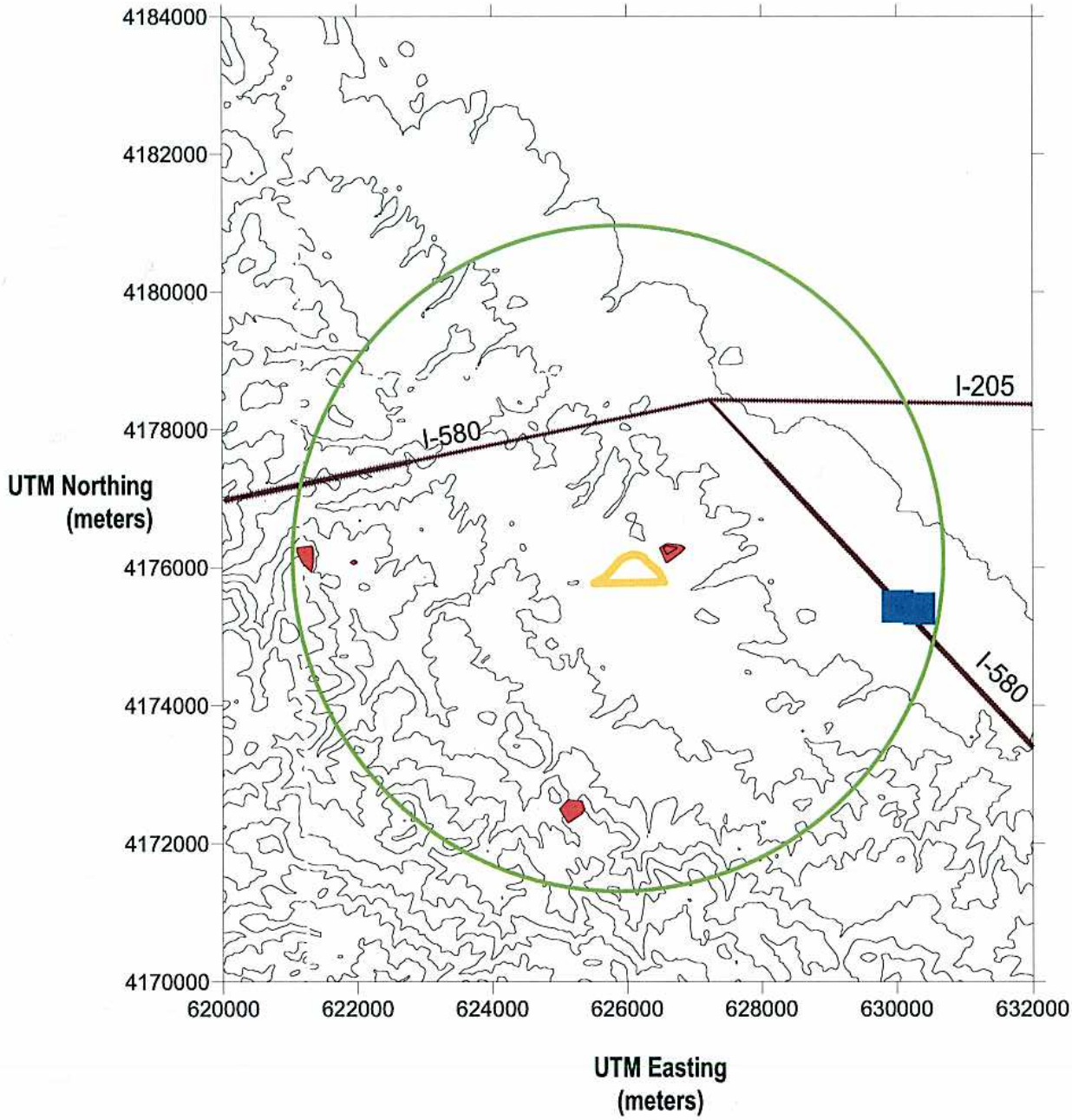
In addition to the above analysis, refined modeling was also performed in the locations where TPP impacts exceed 1$\mu g/m^3$ on an annual average basis and 5 $\mu g/m^3$ during a 24-hr period. Tables 4-7 and 4-8 show the total increment consumed within these areas where TPP is significant.

TABLE 4-5
Maximum Predicted 24-hr Average PM_{10} Increment Consumption Demonstrating Lack of TPP Significance

Year	Maximum Predicted Increment Consumption ($\mu g/m^3$)	TPP Contribution at Location of Maximum ($\mu g/m^3$)	Class II Allowable Increment ($\mu g/m^3$)
1997	140.19	0.48	30
1998	73.08	0.52	30
1999	137.59	0.43	30

TABLE 4-6
Maximum Predicted Annual Average PM_{10} Increment Consumption Demonstrating Lack of TPP Significance

Year	Maximum Predicted Increment Consumption ($\mu g/m^3$)	TPP Contribution at Location of Maximum ($\mu g/m^3$)	Class II Allowable Increment ($\mu g/m^3$)
1997	19.50	0.05	17
1998	18.86	0.03	17
1999	30.84	0.04	17



LEGEND

- Radius of Significant Impact (Approximately 5100m from TPP)
- TPP Property Line
- Interstate Freeways
- Locations where TPP Impacts ≥ 5μg/m^3
- Locations of PSD Increment Consumption ≥ 30μg/m^3

UTM = Universal Transverse Mercator

FIGURE 4-1
LOCATION OF TPP 24HR PM_{10} IMPACTS AND PREDICTED 24HR INCREMENT EXCEEDANCES
TESLA POWER PLANT
EAST ALAMEDA COUNTY, CALIFORNIA

CH2MHILL

ES102006004BAO_Fig4-1_teslapowerplant.ai_101006_II

TABLE 4-7
Maximum Predicted 24-hr Average PM_{10} Increment Consumption In Locations Where TPP Impact Exceeds 5 $\mu g/m^3$

Year	Maximum Predicted Increment Consumption where TPP Impact > 5 $\mu g/m^3$ ($\mu g/m^3$)	TPP Contribution at Location of Maximum ($\mu g/m^3$)	Class II Allowable Increment ($\mu g/m^3$)
1997	10.12	9.99	30
1998	9.70	8.31	30
1999	8.13	7.97	30

TABLE 4-8
Maximum Predicted Annual Average PM_{10} Increment Consumption In Locations Where TPP Impact Exceeds 1 $\mu g/m^3$

Year	Maximum Predicted Increment Consumption where TPP Impact > 1 $\mu g/m^3$ ($\mu g/m^3$)	TPP Contribution at Location of Maximum ($\mu g/m^3$)	Class II Allowable Increment ($\mu g/m^3$)
1997	2.17	1.45	17
1998	2.13	1.08	17
1999	2.03	1.31	17

This increment consumption analysis is believed to be very conservative because it does not account for any permitted and enforceable PM_{10} emission decreases or removal of equipment and/or facilities within the last 30 years that would reduce the consumed increment. In addition, the analysis relied on very conservative default modeling parameters in cases where source-specific stack parameters were not available from either SJVAPCD or BAAQMD.

The analysis concludes that TPP will not cause or significantly contribute to a violation of an applicable PSD increment.

4.3 Visibility Impacts

Visibility impacts were assessed in the original AFC. The VISCREEN model previously used was updated to reflect the increase in emission rates from the HRSGs and cooling towers. Use of VISCREEN as a screening tool for visibility was previously approved by BAAQMD.

4.3.1 Methodology

The Federal Clean Air Act (CAA) established the importance of visibility for Class I areas by declaring a goal to prevent future visibility impairment and remedy existing visibility impairment due to man-made air pollution. The CAA also specifically requires that visibility be addressed as an air quality related value (AQRV) within all Class I areas.

To quickly assess the potential impact of individual plumes on visibility, U.S. EPA has developed a plume visual impact screening model (VISCREEN) that accounts for specific transport and dispersion conditions (U.S. EPA, 1992). Level I and Level II screening levels can be conducted using VISCREEN. If the Level I and Level II analyses fail, then more sophisticated visibility models are needed to conduct a more complex Level III analysis.

VISCREEN uses two scattering angles (θ) to calculate potential plume visual impacts. The scattering angle is the angle between direct solar radiation and the line of sight. Thus, if an observer is looking directly at the sun, then θ equals 0°; if the observer is looking away from the sun, then θ would equal 180°. The first scattering angle ($\theta = 10°$) represents the forward scatter case, where the plume is likely to be the brightest; the second scattering angle ($\theta = 140°$) represents the backward scatter case, where the plume is likely to be the darkest.

The impacts of the TPP on visibility at Point Reyes National Seashore were assessed using the VISCREEN model. It is noteworthy that Point Reyes is more than 100 km upwind from TPP. VISCREEN requires emission rate inputs for five "visibility species" (i.e., directly emitted PM_{10}, NO_X, directly emitted NO_2, soot or elemental carbon, and directly emitted sulfate) and a maximum background visual range. For this project, worst case hourly emission rates for PM_{10} and NO_x were used. The worst case hourly emission rates for the CT HRSGs represent simultaneously running two units with maximum startup emissions and two units at maximum operating emissions. The remaining three species were assumed to be negligibly small for natural gas fired combustion equipment.

4.3.2 Visibility Impact Results

For Level I screening, conservative meteorological conditions (i.e., F stability class and a 1.0 m/s wind that persists for 12 hours) were used to estimate worst-case plume visual impacts. As shown in Table 4-9, Level I screening for the Point Reyes National Seashore failed one of eight screening criteria. Because Level I screening failed for the nearest Class I area, the more detailed Level II screening was performed.

Level II screening uses more realistic (i.e., less conservative) input data than Level I screening. For Level II screening, actual meteorological data are used rather than unrealistically conservative wind speeds and stability. The meteorological data used in the air quality impact analyses and the public health analyses were examined to determine the worst-case stabilities and wind speeds that might transport the plume in the direction of the Class I area.

It was determined that a realistic worst-case dispersion condition for visibility modeling for the Point Reyes National Seashore was an F stability class and a 3.0 m/s wind. Using these meteorological conditions, Level II screening was performed. Table 4-10 shows that Level II screening successfully passed all screening criteria.

TABLE 4-9
Level I Visual Effects Screening Analysis for Point Reyes National Seashore

Input Emissions	
Particulates	6.93 g/s
NO_x (as NO_2)	80.64 g/s
Primary NO_2	0.00 lb/hr
Soot	0.00 lb/hr
Primary SO_4	0.00 lb/hr
Transport Scenario Specifications	
Background Ozone	0.04 ppm
Background Visual Range	128 km
Source-Observer Distance	102.0 km
Minimum Source-Class I Distance	102.0 km
Maximum Source-Class I Distance	140.0 km
Plume-Source-Observer Angle	11.25 degrees
Stability Class	F (6)
Wind Speed	1.00 m/s

Maximum Visual Impacts INSIDE Class I Area (Screening Criteria ARE Exceeded)*

					ΔE		Contrast	
Background	Theta	Azimuth	Distance	Alpha	Criteria	Plume	Criteria	Plume
Sky	10.0	84.0	102.0	84.0	2.00	2.152*	0.05	-0.000
Sky	140.0	84.0	102.0	84.0	2.00	1.118	0.05	-0.016
Terrain	10.0	84.0	102.0	84.0	2.00	0.389	0.05	0.010
Terrain	140.0	84.0	102.0	84.0	2.00	0.249	0.05	0.005

Notes:
* Screening criteria ARE exceeded .
g/s = grams per second
km = kilometers
m/s = meters per second
ppm = parts per million

TABLE 4-10
Level II Visual Effects Screening Analysis for Point Reyes National Seashore

Input Emissions	
Particulates	6.93 g/s
NO_x (as NO_2)	80.64 g/s
Primary NO_2	0.00 lb/hr
Soot	0.00 lb/hr
Primary SO_4	0.00 lb/hr
Transport Scenario Specifications	
Background Ozone	0.04 ppm
Background Visual Range	128 km
Source-Observer Distance	102.0 km
Minimum Source-Class I Distance	102.0 km
Maximum Source-Class I Distance	140.0 km
Plume-Source-Observer Angle	11.25 degrees
Stability Class	F (6)
Wind Speed	3.00 m/s

Maximum Visual Impacts INSIDE Class I Area (Screening Criteria ARE NOT Exceeded)

					ΔE		Contrast	
Background	**Theta**	**Azimuth**	**Distance**	**Alpha**	**Criteria**	**Predicted Plume**	**Criteria**	**Predicted Plume**
Sky	10.0	84.0	102.0	84.0	2.00	1.711	0.05	-0.000
Sky	140.0	84.0	102.0	84.0	2.00	0.890	0.05	-0.013
Terrain	10.0	84.0	102.0	84.0	2.00	0.544	0.05	0.008
Terrain	140.0	84.0	102.0	84.0	2.00	0.197	0.05	0.004

Notes:
g/s = grams per second
km = kilometers
m/s = meters per second
ppm = parts per million

4.4 Soils and Vegetation Impacts

The following analysis was presented in the original AFC. The proposed changes to the project would not alter the basic assumptions of the soils and vegetation analysis, therefore the analysis is unchanged and included herein for reference.

Maximum modeled NO_2 and SO_2 impacts from normal plant operations, as well as estimates of total sulfur and nitrogen deposition from these modeled concentrations were compared against U.S. Forest Service (USFS, 1992) significant impact thresholds for vegetation and ecosystems for Class I Wilderness Areas. Table 4-11 summarizes the

maximum modeled impacts versus the USFS significance criteria. All impacts are below USFS significance criteria.

Deposition rates were estimated by assuming that all of the nitrogen and sulfur in the modeled NO_2 and SO_2 gases is converted to elemental sulfur and nitrogen in the particulate phase and is deposited on the ground. However, because this would not normally occur, this assumption is extremely conservative. The deposition rate was calculated by multiplying the modeled airborne concentration by a deposition velocity of 0.02 m/s. This deposition velocity is consistent with California Air Pollution Control Officers Association (CAPCOA) guidelines for estimating deposition rates (CAPCOA, 1993).

TABLE 4-11
Maximum Modeled Soil and Vegetation Impacts of the Proposed Project

Pollutant	USFS Significance Level	Maximum Project Impact
SO_2 Annual	8 ppbv	0.016 ppbv (0.042 μg/m^3)
SO_2 Hourly	40 ppbv	30 ppbv (79.8 μg/m^3)
NO_2 Annual	15 ppbv	0.18 ppbv (0.34 μg/m^3)
Total Sulfur Deposition	5 kg/ha-yr	0.13 kg/ha-yr
Total Nitrogen Deposition	3 kg/ha-yr	0.65 kg/ha-yr

Notes:
kg/ha-yr = kilograms per hectare per year
μg/m^3 = micrograms per cubic meter
ppbv = parts per billion, by volume
USFS = U.S. Forest Service

Adverse effects of project emissions on wildlife are not expected. The NAAQS and CAAQS are established to protect the health of people who are the most susceptible to air pollutants. Because impacts from the project's air emissions have been demonstrated to be below significance levels, no adverse impacts to wildlife are expected.

4.5 Growth-Inducing Impacts

Growth inducing impacts are based largely on the estimate of permanent workers anticipated to be employed at the new facility. A project that will employ a large number of workers may require additional housing and could precipitate an increase in commercial growth. Of the permanent positions needed for the project (up to 36), it is assumed that the majority will be filled by local workers, thus resulting in no additional requirements for housing. Likewise, the project is not expected to generate commercial or industrial growth, therefore no growth-related air quality impacts are anticipated.

4.6 PSD Summary

The foregoing analysis demonstrates that the proposed change increase in cooling tower PM_{10} emissions and elimination of the November 1 – January 31 PM_{10} emission limit will not cause or contribute to a violation of an applicable PSD increment. Nor will the proposed changes result in significant visibility impairment, soils and vegetation impacts or growth inducing impacts.

Appendices

A - Request for Extension and Modification of the Final Determination of Compliance (FDOC), December 6, 2005

B – Calculation of Tesla Power Plant Cooling Tower PM_{10} Emissions

C - Ambient Air Quality Standards Compliance- Results
- C.1 ISCST3 and ISC_OLM Results Summary
- C.2 ISCST3 and ISC_OLM Output File Excerpts

D – PSD Compliance – Impact Area and Sources
- D.1 Impact Area Determination Output Files
- D.2 Summary of SCREEN3 Results
- D.3 Summary of BAAQMD and SJVAPCD Sources
- D.4 Summary of City of Tracy Area Source Calculations
- D.5 Summary of Highway Segments Volume and Area Sources

E - PSD Compliance – Results
- E.1 ISCST3 Results Summary
- E.2 ISCST3 Output File Excerpts

F – CD with Complete Modeling and Data Files

- Cumulative Impacts: NO_X, CO, PM_{10}
- Increment Analysis: PM_{10}
- Impact Area Determination
- BPIP Files
- MET Data Files
- DEM Data Files
- SCREEN3 Output Files
- URBEMIS Output Files
- Source data received from BAAQMD and SJVAPCD

Appendices

A - Request for Extension and Modification of the Final Determination of Compliance (FDOC) issued for the Tesla Power Project (TPP), December 6, 2005

B – Calculation of Tesla Power Plant Cooling Tower PM_{10} Emissions

C - Ambient Air Quality Standards Compliance- Results
- C.1 ISCST3 and ISC_OLM Results Summary
- C.2 ISCST3 and ISC_OLM Output File Excerpts

D – PSD Compliance – Impact Area and Sources
- D.1 Impact Area Determination Output Files
- D.2 Summary of SCREEN3 Results
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- D.5 Summary of Highway Segments Volume and Area Sources

E - PSD Compliance – Results
- E.1 ISCST3 Results Summary
- E.2 ISCST3 Output File Excerpts

F – CD with Complete Modeling and Data Files

- Cumulative Impacts: NO_X, CO, PM_{10}
- Increment Analysis: PM_{10}
- Impact Area Determination
- BPIP Files
- MET Data Files
- DEM Data Files
- SCREEN3 Output Files
- URBEMIS Output Files
- Source data received from BAAQMD and SJVAPCD

Appendix A

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December 6, 2005

Mr. Steve Hill
Manager, Permit Evaluation
Bay Area Air Quality Management District
939 Ellis Street
San Francisco, CA 94109

Subject: Tesla Power Plant
Request for Extension and Modification of Final Determination of Compliance

Dear Mr. Hill:

I am writing as a follow up to our September 29 meeting with the District regarding the need for an extension of time to finalize issuance of the PSD permit and to request modification to the Tesla Power Plant (TPP) Final Determination of Compliance (FDOC).

Extension Request for PSD Permit Issuance

In accordance with your direction, we are addressing below several key areas that the District would consider in granting an extension request.

- Commitment to Tesla Power Plant Project

Midway Power, LLC (a wholly owned subsidiary of FPL Energy, LLC) remains fully committed to the development of the TPP to deliver clean, efficient, state-of-the-art generation to California. The project experienced a delay in its development schedule as turmoil in the California energy market was resolved. Now, that PG&E has issued a PUC-sanctioned Request for Offers for new generation, Midway Power has refocused its development efforts for TPP and is fully committed to an accelerated development schedule.

- Provision of Best Available Control Technology (BACT)

The TPP FDOC contains a number of emission limits that reflected BACT at the time of permit issuance. We have confirmed that the current FDOC emission limits are still reflective of current BACT standards. The FDOC amendments we are proposing are largely administrative and in any case, will not affect the BACT analysis originally performed for the project. The BACT levels proposed for the project are summarized in the following table.

SUMMARY OF BACT REQUIREMENTS FOR TESLA POWER PLANT PROJECT

	Control Strategy and Emission Limit				
Source	**NOx**	**CO**	**POC**	**PM_{10}**	**SO_2**
Gas Turbine & HRSG Power Trains	DLN Combustors/SCR	DLN Combustors/ Oxidation Catalyst	DLN Combustors/ Oxidation Catalyst	PUC-Regulated Natural Gas	PUC-Regulated Natural Gas
	2 ppmv	4 ppmv	2 ppmv	12.75 lb/hr	2 lb/hr

- No BAAQMD Accountability for Delay in PSD Permit Issuance

We recognize and acknowledge that the BAAQMD bears no responsibility for the delay in issuance of the TPP PSD permit. The delay in issuance of the PSD has been self imposed by Midway Power as a result of the uncertainty in obtaining power purchase agreements in the California energy market.

Request for Modification of Final Determination of Compliance

We are requesting several minor condition language changes as well as an increase in the cooling tower TDS limit to 6000 ppmw. The changes are also based upon revised startup emissions data that were not available at the time of the original FDOC. Each change is discussed below by condition. In addition, we are enclosing for your review, an updated air dispersion modeling protocol to address the proposed emission changes.

- AQ-13

AQ-13 sets forth emission limits for CO, PM10 and SO2 during commissioning that are substantially less than the emission permitted during normal operation of the facility. We are requesting that these emission limits be revised to reflect the higher normal operating emission limits in AQ-27 and AQ-28, which have been supported by prior ambient air quality analysis and forthcoming analysis that will demonstrate the acceptability of higher proposed startup emission rates.

COMPARISON OF AQ-13 AND AQ-27/28 EMISSION LIMITS

Pollutant		AQ-13 Limit	AQ-27/28 Limit[1]	Notes
PM10				
	lb/day	306	1224	Factor of 4 difference between AQ-27/28 and AQ-13 limits
SO2				
	lb/day	48	192	Factor of 4 difference between AQ-27/28 and AQ-13 limits
CO				
	lb/hr	381.6	1362.8 (2770)	Basis for AQ-13 limit is not clear from a review of the engineering evaluation
	lb/day	2289	6284	Basis for AQ-13 limit is not clear from a review of the engineering evaluation

[1] Current AQ-27 limit is followed in parentheses by a higher value that reflects our proposed changes to AQ-27– see discussion below. These proposed changes are needed to accommodate revised startup information.

As is evident from the comparison above, both the PM10 and SO2 emission limits appear to have been inadvertently set in AQ-13 at the single unit emission values (see Table B-10_ of the engineering analysis) when the value for all four units operating simultaneously should have been used (see Table B-12 of the engineering analysis). In the case of CO, there is no apparent explanation in the engineering analysis for the lower AQ-13 emission rate. However, we note that Tesla Project modeling was performed with the facility operating at its maximum permitted 4-unit CO emission rate that is much higher than either the AQ-13 emission limit of 2,289 lb/day or the AQ-28 emission limit of 6,284 lb/day. As noted in Table B-17, the 8-hour modeling demonstration was actually based on a higher CO emission rate of 20.87 g/s/unit lb, which would equal a 4-unit, 24-hour equivalent of:

$$\frac{4 \text{ units} \times 20.87 \text{ g/s} \times 3600 \text{ s/hr} \times 24 \text{ hr/day}}{453.6 \text{ g/lb}} = 15{,}901 \text{ lb/day.}$$

Since it is likely, that some of the Tesla units may actually be in normal operation while later units are being commissioned, it would be appropriate to set the commissioning limits equal to the maximum emission limits in AQ-27 and AQ-28.

We therefore recommend the following changes to the CO, PM10 and SO2 emission rate limits in AQ-13:

AQ- 13 The owner/operator shall not operate the Gas Turbines (S-1, S-3, S-5, & S-7) and Heat Recovery Steam Generators (S-2, S-4, S-6, & S-8) in a manner such that the combined pollutant emissions from these sources will exceed the following limits

during the commissioning period. These emission limits shall include emissions resulting from the start-up and shutdown of the Gas Turbines (S-1, S-3, S-5, & S-7).

NO_x (as NO_2)	3,732 pounds per calendar day	622 pounds per hour
CO	***6,284*** ~~2,289~~ pounds per calendar day	***2,770*** ~~381.6~~ pounds per hour
POC (as CH_4)	1,080 pound s per calendar day	
PM_{10}	***1,224*** ~~306~~ pounds per calendar day	
SO_2	***192*** ~~48~~ pounds per calendar day	

- AQ-15

AQ-15 specifies a natural gas sulfur limit of 0.33 grains (gr)/100 standard cubic feet (scf). The condition further specifies that analyses are to be taken at 30-day intervals. Based on earlier discussion, and agreement with the District, it is our understanding the District is agreeable to compliance determined on a 12-month rolling average basis. We therefore request the following amendment to AQ-15:

AQ-15 The owner/operator shall fire the Gas Turbines (S-1, S-3, S-5, and S-7) and HRSG Duct Burners (S-2, S-4, S-6, and S-8) exclusively on natural gas with a maximum sulfur content of 0.33 grain per 100 standard cubic feet. To demonstrate compliance with this limit, the operator of S-1 through S-8 shall sample and analyze the gas from each supply source at least once every 30 consecutive days to determine the sulfur content of the gas. ***Compliance shall be based on a 12-month rolling average of the 30-day samples.*** (BACT for SO_2 and PM_{10})

- AQ-25

AQ-25 specifies startup emission limits for NOx, CO and PM10 for each combustion turbine (CT) on both a lb/start and a lb/hr basis. The Tesla Power Project will consist of four turbines, four heat recovery steam generators (HRSGs) and two steam turbines. The steam generated from each group of two HRSGs will be directed through a dedicated steam turbine in a so-called 2 x 1 configuration. The startup cycle requires a longer startup time for the first CT/HRSG in order to provide a sufficient heat ramp for the steam turbine. The second CT/HRSG will then commence startup in approximately half the time as the first CT/HRSG. Unfortunately, the AFC, in Appendix K-4, inadvertently reported "per-turbine" emission rates by dividing the integrated startup emission rate totals for the 2 x 1 configuration by two. Since the emissions are not equally distributed between the two CT/HRSGs, this oversimplification resulted in maximum per turbine limits that are incorrect.

Attachment A presents updated cold start NOx and warm start CO emissions data that is more current than was available during the processing of the AFC. Figure 1 (Cold Start 207FA NOx) shows that the worst case hour for NOx is actually associated with the startup of the second CT/HRSG in each 2 x 1 group. The dashed box in the figure highlights the worst one-hour emission period, which is equivalent to 190 lb/hr (versus a 150 lb/hr maximum in the current Determination of Compliance). Similarly, Figure 2 (Warm Start 207FA CO) shows that the worst case one-hour emission period for CO is associated with

startup of the first CT/HRSG in each 2 x 1 group and is equivalent to 1100 lb/hr (versus a 662.5 lb/hr limit in the current Determination of Compliance)

The original total startup emission rates were also developed for the Tesla Project based on the two 2 x 1 groups starting up in series (i.e. the two CT/HRSGs in the first 2 x 1 group would come on line before the startup of the second 2 x 1 group). However based on market demands, TPP must have the flexibility to start both 2 x 1 groups in parallel. This proposed change will create the possibility that the #1 and #2 turbines in each 2 x 1 group will start up at the same time, causing an overlap in the worst-case hour of each 2 x 1 group. This will result in new maximum NOx and CO emission rates during startup than were previously proposed. The revisions are summarized in Table 1 below.

TABLE 1– REVISED TESLA POWER PLANT STARTUP LIMITS

Pollutant	*AQ-25 Per Turbine Emission Limit, lb/hr*	*Proposed Per Turbine Emission Limit, lb/hr*
NOx	150	190
CO	662.5	1100

We will provide a modeling demonstration shortly based on the higher one-hour emission rates in Table 1 to show that there is no possibility of an exceedance of the one-hour ambient air quality standards for NOx or CO during a startup.

We therefore request that the AQ-25 emission limits be modified to reflect the correct maximum per-turbine emission rates during startup and incorporate the original combined 2 on 1 pair startup limits as follows:

AQ-25 The owner/operator shall ensure that the regulated air pollutant mass emission rates from each of-the Gas Turbines (S-1, S-3, S-5, and S-7) during a start-up does not exceed the limits established below. (PSD)

Gas Turbine Start-up Emission Rate Limits

	lb/hr	lb/start-up
NOx (as NO_2)	***190***~~150~~	***447***~~415.5~~
CO	***1,100***~~662.5~~	***1,389***~~,180.5~~
POC (as CH_4)	45	83

- AQ-26

AQ-26 (a) requires a 60 minute lapse between the startup of the first 2 on 1 pair and startup of the second 2 on 1 pair. AQ-26 (b) specifies that startup of the second pair of turbines can not commence unless the first pair of turbines are operating in compliance with the normal operation emission limits. As discussed in AQ-25 above, the Tesla Power Plant must have the ability to startup both 2 x 1 groups of turbines simultaneously. Under a simultaneous start of both 2 x 1 groups the first CT of each group would start at the same time. Once the first CT achieves compliance with the normal hourly operating limit, the second CT of the 2 x 1 group would be started. Under no circumstances would more than two CTs be emitting at levels that exceed the normal operating limits. A modeling demonstration is in preparation to support this revised startup scenario. In order to provide maximum flexibility to start the entire facility as quickly as possible to respond to market demands, we therefore respectfully request that AQ-26 (a) be deleted. Compliance with Condition AQ-26 (b) would adequately address conformity with the air quality modeling that is forthcoming. The requested change to AQ-26 is shown below:

AQ-26 The owner/operator shall not allow more than two Gas Turbines (S-1 & S-3, or S-5, & S-7) to be in start-up mode at any point in time. The owner/operator shall start-up additional gas turbines (S-1 & S-3 or S-5& S-7) only if ~~both of the following requirements are met:~~

~~(a) 60 minutes has elapsed since the initiation of the start-up of the first pair of turbines~~

~~(b)~~ the first pair of turbines are operating in compliance with the NOx and CO emission limitations of part 24.

(PSD)

- AQ-27

In order to accommodate the parallel startup of the two 2 x 1 units as discussed in AQ-25, above, the combined startup and shutdown limits in AQ-27 will also need to be amended as follows:

AQ-27 The owner/operator shall not allow total combined emissions from the Gas Turbines and HRSGs (S-1, S-2, S-3, S-4, S-5, S-6, S-7, and S-8), including emissions generated during Gas Turbine start-ups and shutdowns to exceed the following limits during any one hour:

(a) ***640***~~331.3~~ pounds of NO_x (as NO_2) per hour

(b) ***2,770***~~1,362.8~~ pounds of CO per hour

(PSD)

- AQ-52

AQ-52 sets a maximum total dissolved solids (TDS) limit of 1,878 ppmw (mg/l) for the cooling tower circulating water. This TDS level was consistent with the PM10 emission rates ultimately agreed upon for the project prior to the CEC-imposed requirement to use recycled water from the City of Tracy. Given the high TDS content of the City of Tracy reclaimed water supply, we have determined that installation of a water treatment system to achieve the current 1,878 ppmw limit is not economically viable. We therefore request that the TDS limit be raised to 6,000 ppmw. The increase in PM10 emissions resulting from this change will not trigger additional emission offset requirements but will require a revised assessment of PM10 air quality impacts under the District's PSD regulation. We are enclosing for your review a protocol for completing the requisite PSD modeling demonstration.

We request the following modification to AQ-52:

AQ-52. The owner/operator shall properly install and maintain the cooling towers to minimize drift losses. The owner/operator shall equip the cooling towers with high-efficiency mist eliminators with a maximum guaranteed drift rate of 0.0005%. The maximum total dissolved solids (TDS) measured at the base of the cooling towers or at the point of return to the wastewater facility shall not be higher than ***6,000***~~1,878~~ ppmw (mg/l). The owner/operator shall sample and test the cooling tower water at least once per day to verify compliance with this TDS limit. (PSD)

We look forward to working with you to provide any additional supporting information necessary to process this request as expeditiously as possible. Please contact me at 561.691.2889, or our consultant David Stein of CH2M HILL at 510.587.7787, if you have any questions.

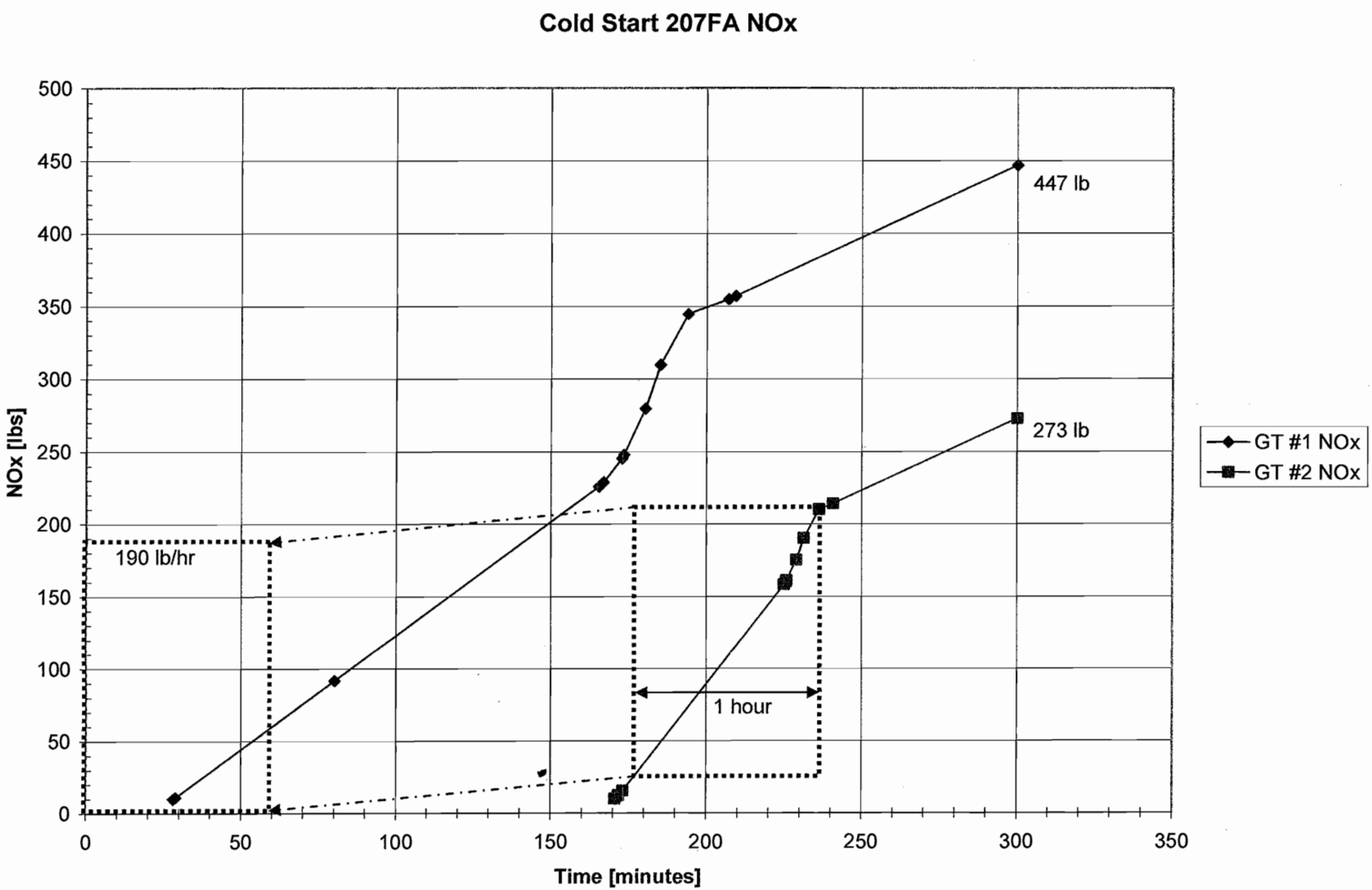
Sincerely,

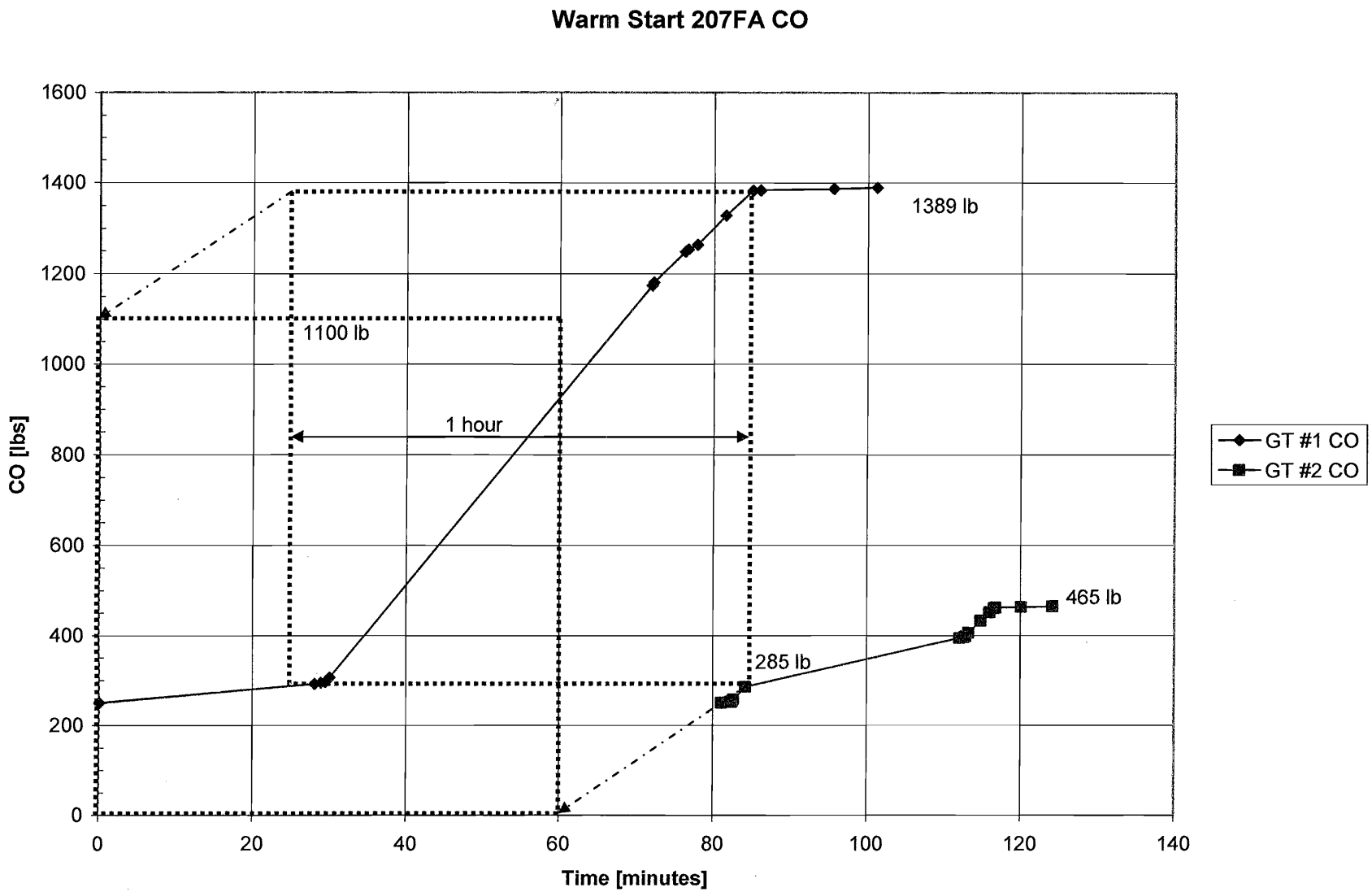
Scott Busa
Project Development Director

cc: Duane McCloud, FPLE
David Stein, CH2MHill
Jim Swaney, SJVAPCD

ATTACHMENT A

Updated GE 207FA NOx and CO Startup Data


Cold Start 207FA NOx
NOx [lbs]
Time [minutes]
0
50
100
150
200
250
300
350
400
450
500
447 lb
273 lb
190 lb/hr
1 hour
GT #1 NOx
GT #2 NOx


Warm Start 207FA CO
CO [lbs]
Time [minutes]
1600
1400
1200
1000
800
600
400
200
0
0
20
40
60
80
100
120
140
1389 lb
1100 lb
1 hour
465 lb
285 lb
GT #1 CO
GT #2 CO

Appendix B

Appendix B

Calculation of Tesla Power Plant Cooling Tower PM_{10} Emissions

Assumptions:

148110	gpm per cooling tower
2	cooling towers
11	cells/cooling tower
0.0005%	cooling tower drift
8.34	lb/gal water density
1878	ppm (original FDOC)
6000	ppm (proposed)

Equations:

lb/hr/cell = 148,110 gal/min/tower x 8.34 lb/gal x 60 min/hr x TDS, ppm x 10^{-6} ppm^{-1} x .000005 / 11 cells/tower

g/sec/cell = lb/hr/cell x 453.59 g/lb /3600 sec/hr

lb/hr = lb/hr/cell x 11 cells/tower x 2 towers

lb/day = lb/hr/tower x 24 hr/day

ton/yr = lb/day x 365 day/yr / 2000 lb/ton

Summary of Tesla Power Plant Cooling Tower PM10 Emissions Calculations

	TDS	lb/hr/cell	g/s/cell	lb/hr/tower	lb/day/tower	ton/yr/tower	lb/hr	lb/day	ton/yr
Original	1878	0.063267	0.007971	0.696	16.702	3.048	1.392	33.405	6.096
Proposed	6000	0.20213	0.025468	2.223	53.362	9.739	4.447	106.725	19.477
						Increase	3.055	73.320	13.381

Appendix C

Appendix C.1

Summary of Cumulative Impacts Modeling Results

Pollutant	Averaging Period	Year	Maximum Concentration ($\mu g/m^3$)
CO	1-hour	1997	1591.76
		1998	**2421.30**
		1999	1612.53
	8-hour	1997	103.31
		1998	78.23
		1999	**176.91**
NOx	1-hour	1997	173.64
		1998	150.01
		1999	**178.76**
PM10	24-hour	1997	**10.59**
		1998	8.56
		1999	8.55
	Annual	1997	**1.57**
		1998	1.20
		1999	1.49

Appendix C.2

ISCST3 and ISC_OLM Output File Excerpts[1]

File Name	Description
1997 NOa.txt	1997, Receptor grid: a (from *.OUT file)
1997 NOb.txt	1997, Receptor grid: b (from *.OUT file)
1997 NOc.txt	1997, Receptor grid: c (from *.OUT file)
1998 NOa.txt	1998, Receptor grid: a (from *.OUT file)
1998 NOb.txt	1998, Receptor grid: b (from *.OUT file)
1998 NOc.txt	1998, Receptor grid: c (from *.OUT file)
1999 NOa.txt	1999, Receptor grid: a (from *.OUT file)
1999 NOb.txt	1999, Receptor grid: b (from *.OUT file)
1999 NOc.txt	1999, Receptor grid: c (from *.OUT file)
CO_97_CO1HR.USF	1997, 1-hour CO
CO_98_CO1HR.USF	1998, 1-hour CO
CO_99_CO1HR.USF	1999, 1-hour CO
CO_97_CO8HR.USF	1997, 8-hour CO
CO_98_CO8HR.USF	1998, 8-hour CO
CO_99_CO8HR.USF	1999, 8-hour CO
CO1HOURFINE_98_CO1HR.USF	1998, 1-hour CO, Fine grid
CO8HOURFINE_99_CO8HR.USF	1999, 1-hour CO, Fine grid
PM10_PSD_97_cumulative24_PM24.USF	1997, 24-hour
PM10_PSD_97_cumulativeAN_PMAN.USF	1997, Annual
PM10_PSD_98_cumulative24_PM24.USF	1998, 24-hour
PM10_PSD_98_cumulativeAN_PMAN.USF	1998, Annual
PM10_PSD_99_cumulative24_PM24.USF	1999, 24-hour
PM10_PSD_99_cumulativeAN_PMAN.USF	1999, Annual

[1] Complete modeling files are provided on CD in Appendix F

Now Processing SETUP Information
**BEE-Line Software: BEEST for Windows data input file

** Date: 8/15/01 Time: 11:35:01 AM

NO ECHO

*** Message Summary For ISC3 Model Setup ***

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 0 Informational Message(s)

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

******** WARNING MESSAGES ********
SO W320 81 PPARM :Source Parameter May Be Out-of-Range for Parameter VS
SO W320 95 PPARM :Source Parameter May Be Out-of-Range for Parameter VS

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

*** ISC3_OLM - VERSION 96113 *** *** FPL Tesla ***
07/12/06
*** Routine Operation ***
10:47:07

PAGE 1
**MODELOPTS: CONC RURAL ELEV GRDRIS

*** 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 RURAL Dispersion.

**Model Uses User-Specified Options:
1. Gradual Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Calms Processing Routine.

**Input Runstream File: 1h97noa.dta ; **Output Print File: 1h97noa.out

*** ISC3_OLM - VERSION 96113 *** *** FPL Tesla ***
07/12/06
*** Routine Operation ***
10:47:07

PAGE 2
**MODELOPTS: CONC RURAL ELEV GRDRIS

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GT1	0	0.23939E+02	625968.8	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
GT2	0	0.23939E+02	626011.4	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
GT3	0	0.16380E+02	626095.8	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
GT4	0	0.16380E+02	626138.3	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
UNKGT	0	0.43445E+01	633100.0	4174603.0	54.0	30.48	727.59	36.58	5.18	NO	
EALTGT	0	0.75058E+01	625550.0	4184800.0	15.0	53.34	334.26	16.86	5.64	NO	
EALTBLR	0	0.18900E+00	625550.0	4184800.0	15.0	30.48	435.93	5.22	2.16	NO	
FWPUMP	0	0.46667E+00	626217.2	4175917.0	118.9	3.00	622.00	75.00	0.13	YES	
EMGEN	0	0.81042E+00	626066.9	4175976.3	118.9	1.94	787.04	95.37	0.20	NO	

*** ISC3_OLM - VERSION 96113 *** *** FPL Tesla ***
07/12/06
*** Routine Operation ***
10:47:07

PAGE 3
**MODELOPTs: CONC RURAL ELEV GRDRIS

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GT1 , GT2 , GT3 , GT4 , UNKGT , EALTGT , EALTBLR , FWPUMP , EMGEN ,
GT	GT1 , GT2 , GT3 , GT4 ,
FW	FWPUMP ,

 *** ISC3_OLM - VERSION 96113 *** *** FPL Tesla ***
07/12/06
*** Routine Operation ***
10:47:07

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**MODELOPTs: CONC RURAL ELEV GRDRIS

*** THE MAXIMUM 10 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): GT1 , GT2 , GT3 , GT4 , UNKGT , EALTGT , EALTBLR , FWPUMP , EMGEN ,

** CONC OF NO2-OLM IN MICROGRAMS/M**3 **

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE
1.	173.64334	(97092817)	AT	(626125.00, 4175775.00)	DC	6.	141.11891	(97080619)	AT	(626287.69, 4175779.00)	DC
2.	158.40540	(97092817)	AT	(626114.69, 4175776.50)	DC	7.	140.19478	(97092817)	AT	(626125.00, 4175750.00)	DC
3.	155.57188	(97092817)	AT	(626100.00, 4175750.00)	DC	8.	139.43550	(97092319)	AT	(626468.63, 4175945.50)	DC
4.	151.64449	(97092817)	AT	(626139.38, 4175776.75)	DC	9.	138.59215	(97080619)	AT	(626300.00, 4175775.00)	DC
5.	149.18077	(97092817)	AT	(626100.00, 4175725.00)	DC	10.	137.24411	(97092817)	AT	(626075.00, 4175700.00)	DC

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

 *** ISC3_OLM - VERSION 96113 *** *** FPL Tesla ***
07/12/06
*** Routine Operation ***
10:47:07

PAGE 113
**MODELOPTs: CONC RURAL ELEV GRDRIS

*** THE MAXIMUM 10 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GT ***
INCLUDING SOURCE(S): GT1 , GT2 , GT3 , GT4 ,

** CONC OF NO2-OLM IN MICROGRAMS/M**3 **

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE
1.	89.13918	(97070311)	AT	(625550.00, 4175650.00)	DC	6.	87.28064	(97051613)	AT	(625600.00, 4174900.00)	DC
2.	88.88541	(97051613)	AT	(625500.00, 4174900.00)	DC	7.	86.61345	(97072411)	AT	(625400.00, 4174900.00)	DC
3.	88.23569	(97070311)	AT	(625575.00, 4175650.00)	DC	8.	86.42950	(97072412)	AT	(625400.00, 4174900.00)	DC
4.	87.82237	(97070311)	AT	(625525.00, 4175650.00)	DC	9.	85.84414	(97070410)	AT	(626675.00, 4176100.00)	DC
5.	87.40207	(97072412)	AT	(625500.00, 4174900.00)	DC	10.	85.73872	(97072411)	AT	(625500.00, 4174900.00)	DC

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

 *** ISC3_OLM - VERSION 96113 *** *** FPL Tesla ***
07/12/06
*** Routine Operation ***
10:47:07

PAGE 114
**MODELOPTS: CONC RURAL ELEV GRDRIS

*** THE MAXIMUM 10 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FW ***
INCLUDING SOURCE(S): FWPUMP ,

** CONC OF NO2-OLM IN MICROGRAMS/M**3 **

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE
1.	173.64258	(97092817)	AT (	626125.00, 4175775.00)	DC	6.	141.09238	(97080619)	AT (	626287.69, 4175779.00)	DC
2.	158.39436	(97092817)	AT (	626114.69, 4175776.50)	DC	7.	140.18639	(97092817)	AT (	626125.00, 4175750.00)	DC
3.	155.55325	(97092817)	AT (	626100.00, 4175750.00)	DC	8.	139.43527	(97092319)	AT (	626468.63, 4175945.50)	DC
4.	151.64018	(97092817)	AT (	626139.38, 4175776.75)	DC	9.	138.56932	(97080619)	AT (	626300.00, 4175775.00)	DC
5.	149.16132	(97092817)	AT (	626100.00, 4175725.00)	DC	10.	137.20709	(97092817)	AT (	626075.00, 4175700.00)	DC

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

 *** ISC3_OLM - VERSION 96113 *** *** FPL Tesla *** 07/12/06
*** Routine Operation *** 10:47:07

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**MODELOPTS: CONC RURAL ELEV GRDRIS

*** THE SUMMARY OF MAXIMUM PERIOD (8760 HRS) RESULTS ***

** CONC OF NO2-OLM IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC		RECEPTOR (XR, YR, ZELEV, ZFLAG)				OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	15.15054	AT (	626500.00,	4176050.00,	123.10,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	14.88818	AT (	626525.00,	4176050.00,	129.30,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	14.75819	AT (	626525.00,	4176025.00,	124.70,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	14.70014	AT (	626500.00,	4176075.00,	126.10,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	14.37158	AT (	626550.00,	4176025.00,	131.40,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	13.94182	AT (	626525.00,	4176075.00,	132.20,	0.00)	DC	NA
GT	1ST HIGHEST VALUE IS	1.41843	AT (	626675.00,	4176100.00,	146.50,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	1.34517	AT (	626675.00,	4176125.00,	144.60,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	1.28724	AT (	626650.00,	4176100.00,	145.40,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	1.27495	AT (	626675.00,	4176075.00,	146.20,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	1.18483	AT (	626675.00,	4176250.00,	142.20,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	1.17609	AT (	626650.00,	4176125.00,	143.10,	0.00)	DC	NA
FW	1ST HIGHEST VALUE IS	10.52752	AT (	626433.38,	4175975.00,	115.80,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	10.10669	AT (	626415.69,	4175990.00,	115.70,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	9.64704	AT (	626451.00,	4175960.25,	117.00,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	9.60418	AT (	626450.00,	4175975.00,	114.40,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	8.61501	AT (	626425.00,	4176000.00,	113.40,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	8.56893	AT (	626550.00,	4176000.00,	125.60,	0.00)	DC	NA

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

 *** ISC3_OLM - VERSION 96113 *** *** FPL Tesla *** 07/12/06
*** Routine Operation *** 10:47:07

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**MODELOPTS: CONC RURAL ELEV GRDRIS

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF NO2-OLM IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	173.64334	ON 97092817:	AT (626125.00, 4175775.00, 110.90, 0.00)	DC	

```
NA

GT       HIGH  1ST HIGH VALUE IS      89.13918  ON 97070311: AT (  625550.00,  4175650.00,    139.20,      0.00)  DC
NA

FW       HIGH  1ST HIGH VALUE IS     173.64258  ON 97092817: AT (  626125.00,  4175775.00,    110.90,      0.00)  DC
NA


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
                      BD = BOUNDARY
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                                  ***
07/12/06
                                    *** Routine Operation                                                        ***
10:47:07

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**MODELOPTs: CONC                        RURAL  ELEV                 GRDRIS


*** Message Summary : ISC3_OLM Model Execution ***

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

A Total of  0  Fatal Error Message(s)
A Total of  2  Warning Message(s)
A Total of  275  Informational Message(s)

A Total of  275  Calm Hours Identified


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


   ********   WARNING MESSAGES   ********
SO W320    81 PPARM :Source Parameter May Be Out-of-Range for Parameter      VS
SO W320    95 PPARM :Source Parameter May Be Out-of-Range for Parameter      VS

   ************************************
   *** ISC3_OLM Finishes Successfully ***
   ************************************
```

```
**Input Runstream File: 1h97nob.dta                                    ;  **Output Print File: 1h97nob.out

 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                          ***
07/12/06
                                        *** Routine Operation                                              ***
10:48:04

PAGE   2
**MODELOPTs: CONC                          RURAL  ELEV                 GRDRIS


                                                  *** POINT SOURCE DATA ***

              NUMBER EMISSION RATE                     BASE     STACK   STACK    STACK     STACK    BUILDING EMISSION RATE
   SOURCE      PART.  (GRAMS/SEC)     X        Y       ELEV.    HEIGHT. TEMP.   EXIT VEL. DIAMETER   EXISTS   SCALAR VARY
     ID        CATS.                (METERS) (METERS) (METERS) (METERS) (DEG.K)  (M/SEC)  (METERS)                BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  GT1          0   0.23939E+02  625968.8 4176031.0   118.9    60.96   358.71    16.81     5.79      YES
  GT2          0   0.23939E+02  626011.4 4176031.0   118.9    60.96   358.71    16.81     5.79      YES
  GT3          0   0.16380E+02  626095.8 4176031.0   118.9    60.96   358.71    16.81     5.79      YES
  GT4          0   0.16380E+02  626138.3 4176031.0   118.9    60.96   358.71    16.81     5.79      YES
  UNKGT        0   0.43445E+01  633100.0 4174603.0    54.0    30.48   727.59    36.58     5.18      NO
  EALTGT       0   0.75058E+01  625550.0 4184800.0    15.0    53.34   334.26    16.86     5.64      NO
  EALTBLR      0   0.18900E+00  625550.0 4184800.0    15.0    30.48   435.93     5.22     2.16      NO
  FWPUMP       0   0.46667E+00  626217.2 4175917.0   118.9     3.00   622.00    75.00     0.13      YES
  EMGEN        0   0.81042E+00  626066.9 4175976.3   118.9     1.94   787.04    95.37     0.20      NO
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                          ***
07/12/06
                                        *** Routine Operation                                              ***
10:48:04

PAGE   3
**MODELOPTs: CONC                          RURAL  ELEV                 GRDRIS


                                              *** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID                                                   SOURCE IDs


 ALL       GT1     , GT2     , GT3     , GT4     , UNKGT   , EALTGT  , EALTBLR , FWPUMP  , EMGEN   ,

 GT        GT1     , GT2     , GT3     , GT4     ,

 FW        FWPUMP  ,
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                          ***
07/12/06
                                        *** Routine Operation                                              ***
10:48:04

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**MODELOPTs: CONC                          RURAL  ELEV                 GRDRIS

                                  *** THE MAXIMUM   10   1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                      INCLUDING SOURCE(S):    GT1     , GT2     , GT3     , GT4     , UNKGT   , EALTGT  ,
EALTBLR ,
         FWPUMP  , EMGEN   ,

                                          ** CONC OF NO2-OLM  IN MICROGRAMS/M**3                          **

RANK       CONC     (YYMMDDHH) AT       RECEPTOR (XR,YR) OF TYPE    RANK       CONC     (YYMMDDHH) AT       RECEPTOR
(XR,YR) OF TYPE
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - -
  1.     143.46809 (97092318) AT (  627500.00, 4171500.00)  DC       6.     120.92356 (97092318) AT (  628500.00,
4171000.00)  DC
  2.     138.94698 (97092318) AT (  628000.00, 4171500.00)  DC       7.     116.46718 (97092318) AT (  629500.00,
4171000.00)  DC
  3.     129.89868 (97092318) AT (  627500.00, 4171000.00)  DC       8.     114.03563 (97081403) AT (  626700.00,
4176300.00)  DC
  4.     124.51575 (97092318) AT (  629000.00, 4171500.00)  DC       9.     112.61451 (97081403) AT (  626800.00,
4176400.00)  DC
  5.     123.82809 (97092318) AT (  629000.00, 4171000.00)  DC      10.     111.88030 (97092318) AT (  627500.00,
4172000.00)  DC

 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
                      BD = BOUNDARY
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                          ***
07/12/06
                                        *** Routine Operation                                              ***
10:48:04

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**MODELOPTs: CONC RURAL ELEV GRDRIS

*** THE MAXIMUM 10 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GT ***
INCLUDING SOURCE(S): GT1 , GT2 , GT3 , GT4 ,

** CONC OF NO2-OLM IN MICROGRAMS/M**3 **

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE
1.	139.39847	(97092318)	AT (	627500.00, 4171500.00)	DC	6.	118.33304	(97092318)	AT (	628500.00, 4171000.00)	DC
2.	135.11363	(97092318)	AT (	628000.00, 4171500.00)	DC	7.	111.51588	(97092318)	AT (	629500.00, 4171000.00)	DC
3.	127.12968	(97092318)	AT (	627500.00, 4171000.00)	DC	8.	107.79773	(97092318)	AT (	628000.00, 4171000.00)	DC
4.	118.64987	(97092318)	AT (	629000.00, 4171000.00)	DC	9.	106.60571	(97092318)	AT (	627500.00, 4172000.00)	DC
5.	118.40297	(97092318)	AT (	629000.00, 4171500.00)	DC	10.	104.70163	(97113001)	AT (	621500.00, 4175000.00)	DC

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

 *** ISC3_OLM - VERSION 96113 *** *** FPL Tesla *** 07/12/06
*** Routine Operation *** 10:48:04

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**MODELOPTs: CONC RURAL ELEV GRDRIS

*** THE MAXIMUM 10 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FW ***
INCLUDING SOURCE(S): FWPUMP ,

** CONC OF NO2-OLM IN MICROGRAMS/M**3 **

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE
1.	114.03328	(97081403)	AT (	626700.00, 4176300.00)	DC	6.	100.43978	(97092319)	AT (	627100.00, 4176000.00)	DC
2.	111.30785	(97081403)	AT (	626800.00, 4176400.00)	DC	7.	99.80260	(97042602)	AT (	626700.00, 4176100.00)	DC
3.	108.09084	(97092319)	AT (	626900.00, 4176000.00)	DC	8.	98.70370	(97113017)	AT (	626700.00, 4176000.00)	DC
4.	106.16978	(97092319)	AT (	627000.00, 4176000.00)	DC	9.	98.31625	(97113017)	AT (	626800.00, 4176000.00)	DC
5.	103.59713	(97092319)	AT (	626800.00, 4176000.00)	DC	10.	97.50755	(97042602)	AT (	626800.00, 4176100.00)	DC

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

 *** ISC3_OLM - VERSION 96113 *** *** FPL Tesla *** 07/12/06
*** Routine Operation *** 10:48:04

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**MODELOPTs: CONC RURAL ELEV GRDRIS

*** THE SUMMARY OF MAXIMUM PERIOD (8760 HRS) RESULTS ***

** CONC OF NO2-OLM IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC		RECEPTOR (XR, YR, ZELEV, ZFLAG)				OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	11.45632	AT (	626700.00,	4176100.00,	146.70,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	9.60583	AT (	626700.00,	4176000.00,	142.30,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	8.86154	AT (	626800.00,	4176100.00,	137.70,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	8.72398	AT (	626800.00,	4176200.00,	143.40,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	8.39912	AT (	626700.00,	4176200.00,	140.20,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	7.60955	AT (	626900.00,	4176100.00,	134.50,	0.00)	DC	NA
GT	1ST HIGHEST VALUE IS	1.81971	AT (	626500.00,	4172500.00,	214.00,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	1.79491	AT (	627000.00,	4172000.00,	245.90,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	1.79448	AT (	627000.00,	4172500.00,	205.10,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	1.71216	AT (	626500.00,	4173500.00,	166.70,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	1.67791	AT (	627000.00,	4171500.00,	370.60,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	1.66410	AT (	626500.00,	4172000.00,	248.40,	0.00)	DC	NA
FW	1ST HIGHEST VALUE IS	5.40860	AT (	626700.00,	4176000.00,	142.30,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	4.54839	AT (	626700.00,	4176100.00,	146.70,	0.00)	DC	NA

```
        3RD HIGHEST VALUE IS        4.04409 AT (  626800.00,  4176100.00,     137.70,       0.00)  DC      NA
        4TH HIGHEST VALUE IS        4.02001 AT (  626800.00,  4176000.00,     134.10,       0.00)  DC      NA
        5TH HIGHEST VALUE IS        3.55651 AT (  626900.00,  4176100.00,     134.50,       0.00)  DC      NA
        6TH HIGHEST VALUE IS        3.14782 AT (  626900.00,  4176000.00,     123.20,       0.00)  DC      NA

 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
                      BD = BOUNDARY
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                   ***
07/12/06
                                   *** Routine Operation                                           ***
10:48:04

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**MODELOPTs: CONC                            RURAL  ELEV              GRDRIS

                                   *** THE SUMMARY OF HIGHEST  1-HR RESULTS ***

                               ** CONC OF NO2-OLM  IN MICROGRAMS/M**3                          **

                                                    DATE
NETWORK
GROUP ID                           AVERAGE CONC      (YYMMDDHH)            RECEPTOR  (XR, YR, ZELEV, ZFLAG)    OF TYPE
GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - -

ALL      HIGH  1ST HIGH VALUE IS     143.46809  ON 97092318: AT (  627500.00,  4171500.00,     265.70,      0.00)  DC
NA

GT       HIGH  1ST HIGH VALUE IS     139.39847  ON 97092318: AT (  627500.00,  4171500.00,     265.70,      0.00)  DC
NA

FW       HIGH  1ST HIGH VALUE IS     114.03328  ON 97081403: AT (  626700.00,  4176300.00,     135.60,      0.00)  DC
NA

 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
                      BD = BOUNDARY
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                   ***
07/12/06
                                   *** Routine Operation                                           ***
10:48:04

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**MODELOPTs: CONC                            RURAL  ELEV              GRDRIS


*** Message Summary : ISC3_OLM Model Execution ***

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

A Total of  0  Fatal Error Message(s)
A Total of  2  Warning Message(s)
A Total of  275  Informational Message(s)

A Total of  275  Calm Hours Identified

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

   ********   WARNING MESSAGES   ********
SO W320    81 PPARM :Source Parameter May Be Out-of-Range for Parameter       VS
SO W320    95 PPARM :Source Parameter May Be Out-of-Range for Parameter       VS

   ************************************
   *** ISC3_OLM Finishes Successfully ***
   ************************************
```

```
**Input Runstream File: 1h97noc.dta                                    ;  **Output Print File: 1h97noc.out

 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                          ***
07/12/06
                                    *** Routine Operation                                                  ***
10:48:48

PAGE   2
**MODELOPTs: CONC                          RURAL  ELEV                 GRDRIS


                                                 *** POINT SOURCE DATA ***

              NUMBER EMISSION RATE                      BASE     STACK   STACK    STACK     STACK    BUILDING EMISSION RATE
   SOURCE      PART.  (GRAMS/SEC)     X         Y      ELEV.    HEIGHT  TEMP.   EXIT VEL. DIAMETER   EXISTS   SCALAR VARY
     ID        CATS.                (METERS) (METERS) (METERS) (METERS) (DEG.K)  (M/SEC)  (METERS)              BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  GT1          0   0.23939E+02  625968.8 4176031.0   118.9    60.96   358.71    16.81     5.79      YES
  GT2          0   0.23939E+02  626011.4 4176031.0   118.9    60.96   358.71    16.81     5.79      YES
  GT3          0   0.16380E+02  626095.8 4176031.0   118.9    60.96   358.71    16.81     5.79      YES
  GT4          0   0.16380E+02  626138.3 4176031.0   118.9    60.96   358.71    16.81     5.79      YES
  UNKGT        0   0.43445E+01  633100.0 4174603.0    54.0    30.48   727.59    36.58     5.18      NO
  EALTGT       0   0.75058E+01  625550.0 4184800.0    15.0    53.34   334.26    16.86     5.64      NO
  EALTBLR      0   0.18900E+00  625550.0 4184800.0    15.0    30.48   435.93     5.22     2.16      NO
  FWPUMP       0   0.46667E+00  626217.2 4175917.0   118.9     3.00   622.00    75.00     0.13      YES
  EMGEN        0   0.81042E+00  626066.9 4175976.3   118.9     1.94   787.04    95.37     0.20      NO
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                          ***
07/12/06
                                    *** Routine Operation                                                  ***
10:48:48

PAGE   3
**MODELOPTs: CONC                          RURAL  ELEV                 GRDRIS


                                              *** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID                                                   SOURCE IDs


 ALL       GT1     , GT2     , GT3     , GT4     , UNKGT   , EALTGT  , EALTBLR , FWPUMP  , EMGEN   ,

 GT        GT1     , GT2     , GT3     , GT4     ,

 FW        FWPUMP  ,
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                          ***
07/12/06
                                    *** Routine Operation                                                  ***
10:48:48

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**MODELOPTs: CONC                          RURAL  ELEV                 GRDRIS

                                 *** THE MAXIMUM   10   1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                     INCLUDING SOURCE(S):    GT1     , GT2     , GT3     , GT4     , UNKGT   , EALTGT  ,
EALTBLR ,
         FWPUMP  , EMGEN   ,

                                         ** CONC OF NO2-OLM  IN MICROGRAMS/M**3                          **

RANK       CONC    (YYMMDDHH) AT       RECEPTOR (XR,YR) OF TYPE    RANK       CONC    (YYMMDDHH) AT       RECEPTOR
(XR,YR) OF TYPE
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - -
  1.      94.56815 (97113001) AT (  620000.00, 4175000.00)  DC       6.      89.65215 (97113001) AT (  619000.00,
4174000.00)  DC
  2.      93.54710 (97092318) AT (  629000.00, 4170000.00)  DC       7.      89.48820 (97011208) AT (  620000.00,
4174000.00)  DC
  3.      92.75833 (97113001) AT (  619000.00, 4176000.00)  DC       8.      89.05968 (97113001) AT (  618000.00,
4175000.00)  DC
  4.      91.78883 (97113001) AT (  619000.00, 4175000.00)  DC       9.      88.88482 (97071604) AT (  620000.00,
4177000.00)  DC
  5.      89.85994 (97113001) AT (  618000.00, 4176000.00)  DC      10.      88.74924 (97011208) AT (  620000.00,
4173000.00)  DC

 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
                      BD = BOUNDARY
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                          ***
07/12/06
                                    *** Routine Operation                                                  ***
10:48:48

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**MODELOPTs: CONC RURAL ELEV GRDRIS

*** THE MAXIMUM 10 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GT ***
INCLUDING SOURCE(S): GT1 , GT2 , GT3 , GT4 ,

** CONC OF NO2-OLM IN MICROGRAMS/M**3 **

RANK	CONC	(YYMMDDHH)	AT RECEPTOR (XR,YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT RECEPTOR (XR,YR)	OF TYPE
1.	93.59461	(97113001)	AT (620000.00, 4175000.00)	DC	6.	89.06578	(97113001)	AT (618000.00, 4176000.00)	DC
2.	91.83259	(97113001)	AT (619000.00, 4176000.00)	DC	7.	88.90442	(97113001)	AT (619000.00, 4174000.00)	DC
3.	90.91747	(97113001)	AT (619000.00, 4175000.00)	DC	8.	88.88482	(97071604)	AT (620000.00, 4177000.00)	DC
4.	89.78850	(97092318)	AT (629000.00, 4170000.00)	DC	9.	88.51121	(97011208)	AT (620000.00, 4173000.00)	DC
5.	89.24566	(97011208)	AT (620000.00, 4174000.00)	DC	10.	88.31287	(97113001)	AT (618000.00, 4175000.00)	DC

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

 *** ISC3_OLM - VERSION 96113 *** *** FPL Tesla *** 07/12/06
*** Routine Operation *** 10:48:48

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**MODELOPTs: CONC RURAL ELEV GRDRIS

*** THE MAXIMUM 10 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FW ***
INCLUDING SOURCE(S): FWPUMP ,

** CONC OF NO2-OLM IN MICROGRAMS/M**3 **

RANK	CONC	(YYMMDDHH)	AT RECEPTOR (XR,YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT RECEPTOR (XR,YR)	OF TYPE
1.	9.69819	(97111101)	AT (620000.00, 4181000.00)	DC	6.	8.20754	(97011521)	AT (633000.00, 4173000.00)	DC
2.	9.04256	(97012201)	AT (620000.00, 4184000.00)	DC	7.	7.55668	(97030105)	AT (634000.00, 4171000.00)	DC
3.	8.73191	(97102803)	AT (620000.00, 4183000.00)	DC	8.	7.55397	(97021503)	AT (634000.00, 4171000.00)	DC
4.	8.31843	(97021605)	AT (635000.00, 4169000.00)	DC	9.	7.49379	(97081304)	AT (636000.00, 4169000.00)	DC
5.	8.29086	(97102803)	AT (621000.00, 4182000.00)	DC	10.	7.18079	(97111619)	AT (620000.00, 4184000.00)	DC

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

 *** ISC3_OLM - VERSION 96113 *** *** FPL Tesla *** 07/12/06
*** Routine Operation *** 10:48:48

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**MODELOPTs: CONC RURAL ELEV GRDRIS

*** THE SUMMARY OF MAXIMUM PERIOD (8760 HRS) RESULTS ***

** CONC OF NO2-OLM IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	1.26629	AT (627000.00, 4170000.00, 459.60, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	1.22140	AT (628000.00, 4170000.00, 449.00, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	1.17538	AT (632000.00, 4170000.00, 262.50, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	1.16329	AT (629000.00, 4170000.00, 330.60, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	1.13709	AT (628000.00, 4169000.00, 369.50, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	1.11533	AT (631000.00, 4170000.00, 346.80, 0.00)	DC	NA
GT	1ST HIGHEST VALUE IS	1.17470	AT (627000.00, 4170000.00, 459.60, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	1.12596	AT (628000.00, 4170000.00, 449.00, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	1.09031	AT (632000.00, 4170000.00, 262.50, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	1.06665	AT (629000.00, 4170000.00, 330.60, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	1.05129	AT (628000.00, 4169000.00, 369.50, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	1.03306	AT (631000.00, 4170000.00, 346.80, 0.00)	DC	NA
FW	1ST HIGHEST VALUE IS	0.04622	AT (633000.00, 4178000.00, 21.00, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.04579	AT (633000.00, 4177000.00, 27.10, 0.00)	DC	NA

```
        3RD HIGHEST VALUE IS       0.04081 AT (  620000.00,  4181000.00,    135.50,      0.00)  DC      NA
        4TH HIGHEST VALUE IS       0.03968 AT (  634000.00,  4178000.00,     16.10,      0.00)  DC      NA
        5TH HIGHEST VALUE IS       0.03535 AT (  634000.00,  4177000.00,     21.90,      0.00)  DC      NA
        6TH HIGHEST VALUE IS       0.03441 AT (  635000.00,  4178000.00,     13.10,      0.00)  DC      NA


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
                      BD = BOUNDARY
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                          ***
07/12/06
                                  *** Routine Operation                                                   ***
10:48:48

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**MODELOPTs: CONC                        RURAL  ELEV                 GRDRIS

                                              *** THE SUMMARY OF HIGHEST  1-HR RESULTS ***

                                        ** CONC OF NO2-OLM  IN MICROGRAMS/M**3                        **
                                                   DATE
NETWORK
GROUP ID                          AVERAGE CONC     (YYMMDDHH)             RECEPTOR  (XR, YR, ZELEV, ZFLAG)     OF TYPE
GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - -

ALL      HIGH  1ST HIGH VALUE IS      94.56815  ON 97113001: AT (  620000.00,  4175000.00,    351.20,      0.00)  DC
NA

GT       HIGH  1ST HIGH VALUE IS      93.59461  ON 97113001: AT (  620000.00,  4175000.00,    351.20,      0.00)  DC
NA

FW       HIGH  1ST HIGH VALUE IS       9.69819  ON 97111101: AT (  620000.00,  4181000.00,    135.50,      0.00)  DC
NA


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
                      BD = BOUNDARY
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                          ***
07/12/06
                                  *** Routine Operation                                                   ***
10:48:48

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**MODELOPTs: CONC                        RURAL  ELEV                 GRDRIS


*** Message Summary : ISC3_OLM Model Execution ***

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

A Total of  0  Fatal Error Message(s)
A Total of  2  Warning Message(s)
A Total of  275  Informational Message(s)

A Total of  275  Calm Hours Identified


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


   ********   WARNING MESSAGES   ********
SO W320    81 PPARM :Source Parameter May Be Out-of-Range for Parameter      VS
SO W320    95 PPARM :Source Parameter May Be Out-of-Range for Parameter      VS

   ************************************
   *** ISC3_OLM Finishes Successfully ***
   ************************************
```

```
**Input Runstream File: 1h98noa.dta                                    ;  **Output Print File: 1h98noa.out

 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                          ***
07/12/06
                                    *** Routine Operation                                                  ***
10:47:10

PAGE   2
**MODELOPTs: CONC                        RURAL  ELEV                 GRDRIS


                                                 *** POINT SOURCE DATA ***

             NUMBER EMISSION RATE                    BASE     STACK   STACK    STACK     STACK    BUILDING EMISSION RATE
   SOURCE     PART.  (GRAMS/SEC)     X        Y      ELEV.    HEIGHT  TEMP.   EXIT VEL. DIAMETER   EXISTS   SCALAR VARY
     ID       CATS.                (METERS) (METERS) (METERS) (METERS) (DEG.K) (M/SEC)  (METERS)                  BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  GT1          0   0.23939E+02  625968.8 4176031.0   118.9    60.96   358.71    16.81     5.79      YES
  GT2          0   0.23939E+02  626011.4 4176031.0   118.9    60.96   358.71    16.81     5.79      YES
  GT3          0   0.16380E+02  626095.8 4176031.0   118.9    60.96   358.71    16.81     5.79      YES
  GT4          0   0.16380E+02  626138.3 4176031.0   118.9    60.96   358.71    16.81     5.79      YES
  UNKGT        0   0.43445E+01  633100.0 4174603.0    54.0    30.48   727.59    36.58     5.18      NO
  EALTGT       0   0.75058E+01  625550.0 4184800.0    15.0    53.34   334.26    16.86     5.64      NO
  EALTBLR      0   0.18900E+00  625550.0 4184800.0    15.0    30.48   435.93     5.22     2.16      NO
  FWPUMP       0   0.46667E+00  626217.2 4175917.0   118.9     3.00   622.00    75.00     0.13      YES
  EMGEN        0   0.81042E+00  626066.9 4175976.3   118.9     1.94   787.04    95.37     0.20      NO
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                          ***
07/12/06
                                    *** Routine Operation                                                  ***
10:47:10

PAGE   3
**MODELOPTs: CONC                        RURAL  ELEV                 GRDRIS


                                         *** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID                                                   SOURCE IDs


 ALL       GT1     , GT2     , GT3     , GT4     , UNKGT   , EALTGT  , EALTBLR , FWPUMP  , EMGEN   ,

 GT        GT1     , GT2     , GT3     , GT4     ,

 FW        FWPUMP  ,
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                          ***
07/12/06
                                    *** Routine Operation                                                  ***
10:47:10

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**MODELOPTs: CONC                        RURAL  ELEV                 GRDRIS

                                 *** THE MAXIMUM   10   1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  GT       ***
                                     INCLUDING SOURCE(S):    GT1     , GT2     , GT3     , GT4     ,

                                         ** CONC OF NO2-OLM  IN MICROGRAMS/M**3                        **

RANK       CONC    (YYMMDDHH) AT       RECEPTOR (XR,YR) OF TYPE    RANK       CONC    (YYMMDDHH) AT       RECEPTOR
(XR,YR) OF TYPE
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - -
  1.      98.47844 (98061814) AT (  626675.00, 4176000.00)  DC       6.      96.25558 (98042913) AT (  625425.00,
4175850.00)  DC
  2.      98.32384 (98061814) AT (  626675.00, 4176025.00)  DC       7.      96.05771 (98061814) AT (  626650.00,
4176025.00)  DC
  3.      98.03255 (98042913) AT (  625400.00, 4175850.00)  DC       8.      95.69660 (98061814) AT (  626650.00,
4176000.00)  DC
  4.      96.51780 (98042913) AT (  625400.00, 4175825.00)  DC       9.      95.63647 (98061814) AT (  626675.00,
4176050.00)  DC
  5.      96.28071 (98042913) AT (  625400.00, 4175875.00)  DC      10.      95.48536 (98061814) AT (  626675.00,
4175975.00)  DC

 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
                      BD = BOUNDARY
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                          ***
07/12/06
                                    *** Routine Operation                                                  ***
10:47:10

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**MODELOPTs: CONC                        RURAL  ELEV                 GRDRIS
```

*** THE MAXIMUM 10 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FW ***
INCLUDING SOURCE(S): FWPUMP ,

** CONC OF NO2-OLM IN MICROGRAMS/M**3 **

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE
1.	150.00121	(98080918)	AT	(626312.50, 4175779.25)	DC	6.	143.99454	(98091203)	AT	(626000.00, 4175700.00)	DC
2.	146.58636	(98091203)	AT	(626075.00, 4175775.00)	DC	7.	143.32896	(98090319)	AT	(626300.00, 4175775.00)	DC
3.	144.60320	(98091203)	AT	(626050.00, 4175750.00)	DC	8.	143.24673	(98091203)	AT	(625975.00, 4175675.00)	DC
4.	144.36162	(98091203)	AT	(626025.00, 4175725.00)	DC	9.	143.17860	(98042816)	AT	(626287.69, 4175779.00)	DC
5.	144.17842	(98091319)	AT	(626451.00, 4175960.25)	DC	10.	142.43472	(98091301)	AT	(626300.00, 4176150.00)	DC

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

 *** ISC3_OLM - VERSION 96113 *** *** FPL Tesla *** 07/12/06
*** Routine Operation *** 10:47:10

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**MODELOPTs: CONC RURAL ELEV GRDRIS

*** THE SUMMARY OF MAXIMUM PERIOD (8760 HRS) RESULTS ***

** CONC OF NO2-OLM IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC		RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	14.62462	AT	(626500.00, 4176050.00, 123.10, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	14.48406	AT	(626525.00, 4176050.00, 129.30, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	14.40152	AT	(626500.00, 4176075.00, 126.10, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	14.13139	AT	(626525.00, 4176075.00, 132.20, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	14.05783	AT	(626525.00, 4176025.00, 124.70, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	14.04666	AT	(626575.00, 4176075.00, 140.90, 0.00)	DC	NA
GT	1ST HIGHEST VALUE IS	1.28558	AT	(626675.00, 4176100.00, 146.50, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	1.24613	AT	(626675.00, 4176125.00, 144.60, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	1.18189	AT	(626650.00, 4176100.00, 145.40, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	1.12863	AT	(626675.00, 4176075.00, 146.20, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	1.10560	AT	(626650.00, 4176125.00, 143.10, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	1.09175	AT	(626100.00, 4174700.00, 130.50, 0.00)	DC	NA
FW	1ST HIGHEST VALUE IS	10.71331	AT	(626415.69, 4175990.00, 115.70, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	10.61767	AT	(626433.38, 4175975.00, 115.80, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	9.59507	AT	(626450.00, 4175975.00, 114.40, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	9.33912	AT	(626451.00, 4175960.25, 117.00, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	9.28727	AT	(626425.00, 4176000.00, 113.40, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	9.09820	AT	(626398.13, 4176004.75, 114.80, 0.00)	DC	NA

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

 *** ISC3_OLM - VERSION 96113 *** *** FPL Tesla *** 07/12/06
*** Routine Operation *** 10:47:10

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**MODELOPTs: CONC RURAL ELEV GRDRIS

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF NO2-OLM IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)		RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	150.01486	ON 98080918:	AT	(626312.50, 4175779.25, 111.10, 0.00)	DC	NA
GT	HIGH 1ST HIGH VALUE IS	98.47844	ON 98061814:	AT	(626675.00, 4176000.00, 141.10, 0.00)	DC	

```
NA

FW       HIGH  1ST HIGH VALUE IS     150.00121  ON 98080918: AT (  626312.50,  4175779.25,    111.10,      0.00)  DC
NA


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
                      BD = BOUNDARY
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                          ***
07/12/06
                                     *** Routine Operation                                                 ***
10:47:10

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**MODELOPTs: CONC                        RURAL  ELEV                 GRDRIS


*** Message Summary : ISC3_OLM Model Execution ***

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

A Total of  0  Fatal Error Message(s)
A Total of  2  Warning Message(s)
A Total of  364  Informational Message(s)

A Total of  364  Calm Hours Identified


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


   ********   WARNING MESSAGES   ********
SO W320    81 PPARM :Source Parameter May Be Out-of-Range for Parameter      VS
SO W320    95 PPARM :Source Parameter May Be Out-of-Range for Parameter      VS

   ************************************
   *** ISC3_OLM Finishes Successfully ***
   ************************************
```

```
**Input Runstream File: 1h98nob.dta                                    ;  **Output Print File: 1h98nob.out

 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                          ***
07/12/06
                                    *** Routine Operation                                                  ***
10:48:06

PAGE   2
**MODELOPTs: CONC                        RURAL  ELEV                GRDRIS



                                                 *** POINT SOURCE DATA ***

              NUMBER EMISSION RATE                      BASE     STACK   STACK    STACK     STACK    BUILDING EMISSION RATE
   SOURCE      PART.  (GRAMS/SEC)     X         Y      ELEV.    HEIGHT  TEMP.   EXIT VEL. DIAMETER   EXISTS   SCALAR VARY
    ID         CATS.                (METERS) (METERS) (METERS) (METERS) (DEG.K)  (M/SEC)  (METERS)              BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  GT1          0   0.23939E+02  625968.8 4176031.0   118.9    60.96   358.71    16.81     5.79      YES
  GT2          0   0.23939E+02  626011.4 4176031.0   118.9    60.96   358.71    16.81     5.79      YES
  GT3          0   0.16380E+02  626095.8 4176031.0   118.9    60.96   358.71    16.81     5.79      YES
  GT4          0   0.16380E+02  626138.3 4176031.0   118.9    60.96   358.71    16.81     5.79      YES
  UNKGT        0   0.43445E+01  633100.0 4174603.0    54.0    30.48   727.59    36.58     5.18      NO
  EALTGT       0   0.75058E+01  625550.0 4184800.0    15.0    53.34   334.26    16.86     5.64      NO
  EALTBLR      0   0.18900E+00  625550.0 4184800.0    15.0    30.48   435.93     5.22     2.16      NO
  FWPUMP       0   0.46667E+00  626217.2 4175917.0   118.9     3.00   622.00    75.00     0.13      YES
  EMGEN        0   0.81042E+00  626066.9 4175976.3   118.9     1.94   787.04    95.37     0.20      NO
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                          ***
07/12/06
                                    *** Routine Operation                                                  ***
10:48:06

PAGE   3
**MODELOPTs: CONC                        RURAL  ELEV                GRDRIS



                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID                                                   SOURCE IDs


 ALL       GT1     , GT2     , GT3     , GT4     , UNKGT   , EALTGT  , EALTBLR , FWPUMP  , EMGEN   ,

 GT        GT1     , GT2     , GT3     , GT4     ,

 FW        FWPUMP  ,
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                          ***
07/12/06
                                    *** Routine Operation                                                  ***
10:48:06

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**MODELOPTs: CONC                        RURAL  ELEV                GRDRIS

                                *** THE MAXIMUM   10   1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                    INCLUDING SOURCE(S):    GT1     , GT2     , GT3     , GT4     , UNKGT   , EALTGT  ,
EALTBLR ,
         FWPUMP  , EMGEN   ,

                                        ** CONC OF NO2-OLM  IN MICROGRAMS/M**3                        **

RANK       CONC    (YYMMDDHH) AT       RECEPTOR (XR,YR) OF TYPE    RANK       CONC    (YYMMDDHH) AT       RECEPTOR
(XR,YR) OF TYPE
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - -
  1.     140.26208 (98091203) AT (  625900.00, 4175600.00)  DC       6.     127.33334 (98091203) AT (  623000.00,
4173000.00)  DC
  2.     132.56772 (98091203) AT (  623500.00, 4173000.00)  DC       7.     126.10312 (98091203) AT (  623500.00,
4172500.00)  DC
  3.     131.29556 (98091203) AT (  625800.00, 4175500.00)  DC       8.     126.01163 (98091203) AT (  622500.00,
4173000.00)  DC
  4.     130.38725 (98091319) AT (  626700.00, 4176000.00)  DC       9.     125.75688 (98091203) AT (  625700.00,
4175400.00)  DC
  5.     129.74815 (98091203) AT (  623000.00, 4173500.00)  DC      10.     125.67705 (98091203) AT (  622500.00,
4173500.00)  DC

 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
                      BD = BOUNDARY
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                          ***
07/12/06
                                    *** Routine Operation                                                  ***
10:48:06

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**MODELOPTS: CONC RURAL ELEV GRDRIS

*** THE MAXIMUM 10 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GT ***
INCLUDING SOURCE(S): GT1 , GT2 , GT3 , GT4 ,

** CONC OF NO2-OLM IN MICROGRAMS/M**3 **

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR) OF TYPE		RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR) OF TYPE	
1.	131.58185	(98091203)	AT (	623500.00, 4173000.00)	DC	6.	125.04586	(98091203)	AT (	622500.00, 4173500.00)	DC
2.	128.64227	(98091203)	AT (	623000.00, 4173500.00)	DC	7.	123.23363	(98091203)	AT (	624000.00, 4173500.00)	DC
3.	126.58871	(98091203)	AT (	623000.00, 4173000.00)	DC	8.	122.29652	(98091203)	AT (	622000.00, 4173000.00)	DC
4.	125.41285	(98091203)	AT (	623500.00, 4172500.00)	DC	9.	121.70705	(98091203)	AT (	623000.00, 4172500.00)	DC
5.	125.30617	(98091203)	AT (	622500.00, 4173000.00)	DC	10.	120.57420	(98091203)	AT (	622000.00, 4172500.00)	DC

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

 *** ISC3_OLM - VERSION 96113 *** *** FPL Tesla *** 07/12/06
*** Routine Operation *** 10:48:06

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**MODELOPTS: CONC RURAL ELEV GRDRIS

*** THE MAXIMUM 10 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FW ***
INCLUDING SOURCE(S): FWPUMP ,

** CONC OF NO2-OLM IN MICROGRAMS/M**3 **

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR) OF TYPE		RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR) OF TYPE	
1.	140.26208	(98091203)	AT (	625900.00, 4175600.00)	DC	6.	119.31083	(98091203)	AT (	625500.00, 4175200.00)	DC
2.	131.29556	(98091203)	AT (	625800.00, 4175500.00)	DC	7.	117.59618	(98091203)	AT (	625400.00, 4175100.00)	DC
3.	125.75687	(98091203)	AT (	625700.00, 4175400.00)	DC	8.	116.73663	(98021203)	AT (	626700.00, 4176000.00)	DC
4.	125.32716	(98091319)	AT (	626700.00, 4176000.00)	DC	9.	112.45677	(98090524)	AT (	626800.00, 4176100.00)	DC
5.	122.00770	(98091203)	AT (	625600.00, 4175300.00)	DC	10.	111.11917	(98042204)	AT (	626700.00, 4176000.00)	DC

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

 *** ISC3_OLM - VERSION 96113 *** *** FPL Tesla *** 07/12/06
*** Routine Operation *** 10:48:06

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**MODELOPTS: CONC RURAL ELEV GRDRIS

*** THE SUMMARY OF MAXIMUM PERIOD (8760 HRS) RESULTS ***

** CONC OF NO2-OLM IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC		RECEPTOR (XR,	YR,	ZELEV,	ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	11.48061	AT (	626700.00,	4176100.00,	146.70,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	9.01089	AT (	626800.00,	4176200.00,	143.40,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	8.88807	AT (	626800.00,	4176100.00,	137.70,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	8.87400	AT (	626700.00,	4176200.00,	140.20,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	8.78658	AT (	626700.00,	4176000.00,	142.30,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	7.56325	AT (	626900.00,	4176200.00,	135.90,	0.00)	DC	NA
GT	1ST HIGHEST VALUE IS	1.58736	AT (	626500.00,	4172500.00,	214.00,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	1.50137	AT (	627000.00,	4172000.00,	245.90,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	1.49831	AT (	627000.00,	4172500.00,	205.10,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	1.48531	AT (	627000.00,	4171500.00,	370.60,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	1.48178	AT (	626500.00,	4173500.00,	166.70,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	1.46426	AT (	626500.00,	4172000.00,	248.40,	0.00)	DC	NA
FW	1ST HIGHEST VALUE IS	5.29282	AT (	626700.00,	4176000.00,	142.30,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	4.86564	AT (	626700.00,	4176100.00,	146.70,	0.00)	DC	NA

```
        3RD HIGHEST VALUE IS       4.35983 AT (  626800.00,  4176100.00,    137.70,      0.00)  DC      NA
        4TH HIGHEST VALUE IS       3.92846 AT (  626800.00,  4176000.00,    134.10,      0.00)  DC      NA
        5TH HIGHEST VALUE IS       3.70582 AT (  626900.00,  4176100.00,    134.50,      0.00)  DC      NA
        6TH HIGHEST VALUE IS       3.06770 AT (  626800.00,  4176200.00,    143.40,      0.00)  DC      NA


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
                      BD = BOUNDARY
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                          ***
07/12/06
                                  *** Routine Operation                                                   ***
10:48:06

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**MODELOPTs: CONC                        RURAL  ELEV                 GRDRIS

                                              *** THE SUMMARY OF HIGHEST  1-HR RESULTS ***

                                       ** CONC OF NO2-OLM  IN MICROGRAMS/M**3                          **
                                                   DATE
NETWORK
GROUP ID                          AVERAGE CONC     (YYMMDDHH)             RECEPTOR  (XR, YR, ZELEV, ZFLAG)     OF TYPE
GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - -

ALL      HIGH  1ST HIGH VALUE IS     140.26208  ON 98091203: AT (  625900.00,  4175600.00,    121.90,      0.00)  DC
NA

GT       HIGH  1ST HIGH VALUE IS     131.58185  ON 98091203: AT (  623500.00,  4173000.00,    291.90,      0.00)  DC
NA

FW       HIGH  1ST HIGH VALUE IS     140.26208  ON 98091203: AT (  625900.00,  4175600.00,    121.90,      0.00)  DC
NA


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
                      BD = BOUNDARY
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                          ***
07/12/06
                                  *** Routine Operation                                                   ***
10:48:06

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**MODELOPTs: CONC                        RURAL  ELEV                 GRDRIS


*** Message Summary : ISC3_OLM Model Execution ***

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

A Total of  0  Fatal Error Message(s)
A Total of  2  Warning Message(s)
A Total of  364  Informational Message(s)

A Total of  364  Calm Hours Identified


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


   ********   WARNING MESSAGES   ********
SO W320    81 PPARM :Source Parameter May Be Out-of-Range for Parameter      VS
SO W320    95 PPARM :Source Parameter May Be Out-of-Range for Parameter      VS

   ************************************
   *** ISC3_OLM Finishes Successfully ***
   ************************************
```

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**Input Runstream File: 1h98noc.dta                                    ;  **Output Print File: 1h98noc.out

 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                          ***
07/12/06
                                    *** Routine Operation                                                  ***
10:48:50

PAGE   2
**MODELOPTs: CONC                        RURAL  ELEV                 GRDRIS


                                                 *** POINT SOURCE DATA ***

             NUMBER EMISSION RATE                    BASE     STACK   STACK    STACK     STACK    BUILDING EMISSION RATE
   SOURCE     PART.  (GRAMS/SEC)     X        Y      ELEV.    HEIGHT  TEMP.   EXIT VEL. DIAMETER   EXISTS   SCALAR VARY
     ID       CATS.                (METERS) (METERS) (METERS) (METERS) (DEG.K)  (M/SEC)  (METERS)                  BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  GT1          0   0.23939E+02  625968.8 4176031.0   118.9    60.96   358.71    16.81     5.79      YES
  GT2          0   0.23939E+02  626011.4 4176031.0   118.9    60.96   358.71    16.81     5.79      YES
  GT3          0   0.16380E+02  626095.8 4176031.0   118.9    60.96   358.71    16.81     5.79      YES
  GT4          0   0.16380E+02  626138.3 4176031.0   118.9    60.96   358.71    16.81     5.79      YES
  UNKGT        0   0.43445E+01  633100.0 4174603.0    54.0    30.48   727.59    36.58     5.18      NO
  EALTGT       0   0.75058E+01  625550.0 4184800.0    15.0    53.34   334.26    16.86     5.64      NO
  EALTBLR      0   0.18900E+00  625550.0 4184800.0    15.0    30.48   435.93     5.22     2.16      NO
  FWPUMP       0   0.46667E+00  626217.2 4175917.0   118.9     3.00   622.00    75.00     0.13      YES
  EMGEN        0   0.81042E+00  626066.9 4175976.3   118.9     1.94   787.04    95.37     0.20      NO
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                          ***
07/12/06
                                    *** Routine Operation                                                  ***
10:48:50

PAGE   3
**MODELOPTs: CONC                        RURAL  ELEV                 GRDRIS


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID                                                  SOURCE IDs


 ALL       GT1     , GT2     , GT3     , GT4     , UNKGT   , EALTGT  , EALTBLR , FWPUMP  , EMGEN   ,

 GT        GT1     , GT2     , GT3     , GT4     ,

 FW        FWPUMP  ,
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                          ***
07/12/06
                                    *** Routine Operation                                                  ***
10:48:50

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**MODELOPTs: CONC                        RURAL  ELEV                 GRDRIS

                                *** THE MAXIMUM   10   1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                    INCLUDING SOURCE(S):    GT1     , GT2     , GT3     , GT4     , UNKGT   , EALTGT  ,
EALTBLR ,
         FWPUMP  , EMGEN   ,

                                        ** CONC OF NO2-OLM  IN MICROGRAMS/M**3                        **

RANK       CONC    (YYMMDDHH) AT       RECEPTOR (XR,YR) OF TYPE    RANK       CONC    (YYMMDDHH) AT       RECEPTOR
(XR,YR) OF TYPE
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - -
  1.     118.11740 (98012804) AT (  620000.00, 4177000.00)  DC       6.     108.85671 (98012804) AT (  618000.00,
4180000.00)  DC
  2.     111.68183 (98012804) AT (  619000.00, 4180000.00)  DC       7.     108.64425 (98012804) AT (  618000.00,
4179000.00)  DC
  3.     110.62869 (98092304) AT (  620000.00, 4177000.00)  DC       8.     108.04113 (98012804) AT (  617000.00,
4179000.00)  DC
  4.     109.54821 (98012804) AT (  619000.00, 4177000.00)  DC       9.     107.14375 (98082403) AT (  619000.00,
4180000.00)  DC
  5.     109.03128 (98071903) AT (  619000.00, 4180000.00)  DC      10.     106.95680 (98012804) AT (  616000.00,
4178000.00)  DC

 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
                      BD = BOUNDARY
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                          ***
07/12/06
                                    *** Routine Operation                                                  ***
10:48:50

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**MODELOPTs: CONC                           RURAL  ELEV                  GRDRIS

                              *** THE MAXIMUM   10   1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  GT          ***
                                  INCLUDING SOURCE(S):     GT1      , GT2      , GT3      , GT4      ,

                                     ** CONC OF NO2-OLM  IN MICROGRAMS/M**3                                   **

RANK       CONC     (YYMMDDHH) AT       RECEPTOR (XR,YR) OF TYPE    RANK       CONC     (YYMMDDHH) AT       RECEPTOR
(XR,YR) OF TYPE
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - -
  1.      116.99323 (98012804) AT (  620000.00, 4177000.00)  DC       6.      107.95325 (98012804) AT (  618000.00,
4179000.00)  DC
  2.      110.82609 (98012804) AT (  619000.00, 4180000.00)  DC       7.      107.32011 (98012804) AT (  617000.00,
4179000.00)  DC
  3.      109.50506 (98092304) AT (  620000.00, 4177000.00)  DC       8.      107.02338 (98071903) AT (  619000.00,
4180000.00)  DC
  4.      108.66518 (98012804) AT (  619000.00, 4177000.00)  DC       9.      106.48813 (98082403) AT (  619000.00,
4180000.00)  DC
  5.      108.08846 (98012804) AT (  618000.00, 4180000.00)  DC      10.      105.00210 (98092304) AT (  619000.00,
4176000.00)  DC

 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
                      BD = BOUNDARY
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                              ***
07/12/06
                                  *** Routine Operation                                                      ***
10:48:50

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**MODELOPTs: CONC                           RURAL  ELEV                  GRDRIS

                              *** THE MAXIMUM   10   1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  FW          ***
                                  INCLUDING SOURCE(S):     FWPUMP   ,

                                     ** CONC OF NO2-OLM  IN MICROGRAMS/M**3                                   **

RANK       CONC     (YYMMDDHH) AT       RECEPTOR (XR,YR) OF TYPE    RANK       CONC     (YYMMDDHH) AT       RECEPTOR
(XR,YR) OF TYPE
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - -
  1.       12.13186 (98051222) AT (  620000.00, 4181000.00)  DC       6.        8.85153 (98112904) AT (  620000.00,
4181000.00)  DC
  2.       11.06620 (98072604) AT (  620000.00, 4181000.00)  DC       7.        8.79744 (98111502) AT (  620000.00,
4184000.00)  DC
  3.       10.38353 (98091302) AT (  634000.00, 4171000.00)  DC       8.        8.73541 (98040401) AT (  620000.00,
4183000.00)  DC
  4.        9.69577 (98112222) AT (  620000.00, 4181000.00)  DC       9.        8.46515 (98010804) AT (  634000.00,
4171000.00)  DC
  5.        8.85201 (98120518) AT (  620000.00, 4181000.00)  DC      10.        8.41764 (98121622) AT (  620000.00,
4184000.00)  DC

 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
                      BD = BOUNDARY
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                              ***
07/12/06
                                  *** Routine Operation                                                      ***
10:48:50

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**MODELOPTs: CONC                           RURAL  ELEV                  GRDRIS

                                        *** THE SUMMARY OF MAXIMUM PERIOD (  8760 HRS) RESULTS ***

                                     ** CONC OF NO2-OLM  IN MICROGRAMS/M**3                                   **

                                                                                                     NETWORK
GROUP ID                          AVERAGE CONC              RECEPTOR  (XR, YR, ZELEV, ZFLAG)   OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

ALL      1ST HIGHEST VALUE IS       1.38260 AT (  619000.00,  4180000.00,    292.60,      0.00)  DC       NA
         2ND HIGHEST VALUE IS       1.34732 AT (  620000.00,  4180000.00,    228.60,      0.00)  DC       NA
         3RD HIGHEST VALUE IS       1.30878 AT (  620000.00,  4179000.00,    232.80,      0.00)  DC       NA
         4TH HIGHEST VALUE IS       1.30694 AT (  618000.00,  4181000.00,    294.20,      0.00)  DC       NA
         5TH HIGHEST VALUE IS       1.26572 AT (  618000.00,  4180000.00,    276.10,      0.00)  DC       NA
         6TH HIGHEST VALUE IS       1.19546 AT (  627000.00,  4170000.00,    459.60,      0.00)  DC       NA

GT       1ST HIGHEST VALUE IS       1.30320 AT (  619000.00,  4180000.00,    292.60,      0.00)  DC       NA
         2ND HIGHEST VALUE IS       1.24730 AT (  620000.00,  4180000.00,    228.60,      0.00)  DC       NA
         3RD HIGHEST VALUE IS       1.22868 AT (  618000.00,  4181000.00,    294.20,      0.00)  DC       NA
         4TH HIGHEST VALUE IS       1.21835 AT (  620000.00,  4179000.00,    232.80,      0.00)  DC       NA
         5TH HIGHEST VALUE IS       1.19494 AT (  618000.00,  4180000.00,    276.10,      0.00)  DC       NA
         6TH HIGHEST VALUE IS       1.10672 AT (  627000.00,  4170000.00,    459.60,      0.00)  DC       NA

FW       1ST HIGHEST VALUE IS       0.07739 AT (  620000.00,  4181000.00,    135.50,      0.00)  DC       NA
         2ND HIGHEST VALUE IS       0.05327 AT (  620000.00,  4179000.00,    232.80,      0.00)  DC       NA
```

```
        3RD HIGHEST VALUE IS       0.05298 AT (  620000.00,  4178000.00,    184.30,      0.00)  DC      NA
        4TH HIGHEST VALUE IS       0.05013 AT (  620000.00,  4180000.00,    228.60,      0.00)  DC      NA
        5TH HIGHEST VALUE IS       0.04751 AT (  619000.00,  4181000.00,    174.60,      0.00)  DC      NA
        6TH HIGHEST VALUE IS       0.04596 AT (  633000.00,  4178000.00,     21.00,      0.00)  DC      NA


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
                      BD = BOUNDARY
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                          ***
07/12/06
                                  *** Routine Operation                                                   ***
10:48:50

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**MODELOPTs: CONC                        RURAL  ELEV                GRDRIS

                                              *** THE SUMMARY OF HIGHEST  1-HR RESULTS ***

                                       ** CONC OF NO2-OLM  IN MICROGRAMS/M**3                          **
                                                   DATE
NETWORK
GROUP ID                         AVERAGE CONC     (YYMMDDHH)            RECEPTOR  (XR, YR, ZELEV, ZFLAG)     OF TYPE
GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - -

ALL      HIGH  1ST HIGH VALUE IS     118.11740  ON 98012804: AT (  620000.00,  4177000.00,    300.60,      0.00)  DC
NA

GT       HIGH  1ST HIGH VALUE IS     116.99323  ON 98012804: AT (  620000.00,  4177000.00,    300.60,      0.00)  DC
NA

FW       HIGH  1ST HIGH VALUE IS      12.13186  ON 98051222: AT (  620000.00,  4181000.00,    135.50,      0.00)  DC
NA


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
                      BD = BOUNDARY
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                          ***
07/12/06
                                  *** Routine Operation                                                   ***
10:48:50

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**MODELOPTs: CONC                        RURAL  ELEV                GRDRIS


*** Message Summary : ISC3_OLM Model Execution ***

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

A Total of  0  Fatal Error Message(s)
A Total of  2  Warning Message(s)
A Total of  364  Informational Message(s)

A Total of  364  Calm Hours Identified


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


   ********   WARNING MESSAGES   ********
SO W320     81 PPARM :Source Parameter May Be Out-of-Range for Parameter      VS
SO W320     95 PPARM :Source Parameter May Be Out-of-Range for Parameter      VS

   ************************************
   *** ISC3_OLM Finishes Successfully ***
   ************************************
```

```
**Input Runstream File: 1h99noa.dta                                    ;  **Output Print File: 1h99noa.out

 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                          ***
07/12/06
                                    *** Routine Operation                                                  ***
10:47:13

PAGE   2
**MODELOPTs: CONC                          RURAL  ELEV                 GRDRIS



                                                  *** POINT SOURCE DATA ***

              NUMBER EMISSION RATE                     BASE     STACK   STACK    STACK     STACK    BUILDING EMISSION RATE
   SOURCE      PART.  (GRAMS/SEC)     X         Y      ELEV.    HEIGHT  TEMP.   EXIT VEL. DIAMETER   EXISTS   SCALAR VARY
     ID        CATS.                (METERS) (METERS) (METERS) (METERS) (DEG.K)  (M/SEC)  (METERS)              BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  GT1          0   0.23939E+02  625968.8 4176031.0   118.9    60.96   358.71    16.81     5.79      YES
  GT2          0   0.23939E+02  626011.4 4176031.0   118.9    60.96   358.71    16.81     5.79      YES
  GT3          0   0.16380E+02  626095.8 4176031.0   118.9    60.96   358.71    16.81     5.79      YES
  GT4          0   0.16380E+02  626138.3 4176031.0   118.9    60.96   358.71    16.81     5.79      YES
  UNKGT        0   0.43445E+01  633100.0 4174603.0    54.0    30.48   727.59    36.58     5.18      NO
  EALTGT       0   0.75058E+01  625550.0 4184800.0    15.0    53.34   334.26    16.86     5.64      NO
  EALTBLR      0   0.18900E+00  625550.0 4184800.0    15.0    30.48   435.93     5.22     2.16      NO
  FWPUMP       0   0.46667E+00  626217.2 4175917.0   118.9     3.00   622.00    75.00     0.13      YES
  EMGEN        0   0.81042E+00  626066.9 4175976.3   118.9     1.94   787.04    95.37     0.20      NO
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                          ***
07/12/06
                                    *** Routine Operation                                                  ***
10:47:13

PAGE   3
**MODELOPTs: CONC                          RURAL  ELEV                 GRDRIS



                                                  *** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID                                                    SOURCE IDs


 ALL       GT1     , GT2     , GT3     , GT4     , UNKGT   , EALTGT  , EALTBLR , FWPUMP  , EMGEN   ,

 GT        GT1     , GT2     , GT3     , GT4     ,

 FW        FWPUMP  ,
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                          ***
07/12/06
                                    *** Routine Operation                                                  ***
10:47:13

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**MODELOPTs: CONC                          RURAL  ELEV                 GRDRIS

                                 *** THE MAXIMUM   10   1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  GT       ***
                                     INCLUDING SOURCE(S):    GT1     , GT2     , GT3     , GT4     ,

                                         ** CONC OF NO2-OLM  IN MICROGRAMS/M**3                          **

RANK       CONC    (YYMMDDHH) AT       RECEPTOR (XR,YR) OF TYPE    RANK       CONC    (YYMMDDHH) AT       RECEPTOR
(XR,YR) OF TYPE
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - -
  1.      91.45950 (99082613) AT (  626400.00, 4174900.00)  DC       6.      88.36163 (99082313) AT (  626675.00,
4175750.00)  DC
  2.      91.31353 (99051413) AT (  626650.00, 4176275.00)  DC       7.      88.34878 (99070913) AT (  626600.00,
4174900.00)  DC
  3.      90.64757 (99082613) AT (  626300.00, 4174900.00)  DC       8.      87.99235 (99051413) AT (  626675.00,
4176275.00)  DC
  4.      88.92143 (99082313) AT (  626675.00, 4175775.00)  DC       9.      87.81184 (99082613) AT (  626400.00,
4174800.00)  DC
  5.      88.43925 (99052013) AT (  626675.00, 4176100.00)  DC      10.      87.46541 (99082313) AT (  626675.00,
4175800.00)  DC

 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
                      BD = BOUNDARY
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                          ***
07/12/06
                                    *** Routine Operation                                                  ***
10:47:13

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**MODELOPTs: CONC                          RURAL  ELEV                 GRDRIS
```

*** THE MAXIMUM 10 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FW ***
INCLUDING SOURCE(S): FWPUMP ,

** CONC OF NO2-OLM IN MICROGRAMS/M**3 **

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE
1.	178.75816	(99041722)	AT	(626468.63, 4175945.50)	DC	6.	162.82402	(99101018)	AT	(626510.69, 4175884.75)	DC
2.	173.22461	(99041722)	AT	(626475.00, 4175950.00)	DC	7.	162.51752	(99041722)	AT	(626525.00, 4175950.00)	DC
3.	173.03867	(99093017)	AT	(626139.38, 4175776.75)	DC	8.	162.17360	(99041722)	AT	(626650.00, 4175975.00)	DC
4.	171.26852	(99093017)	AT	(626125.00, 4175775.00)	DC	9.	161.55556	(99041722)	AT	(626675.00, 4175975.00)	DC
5.	164.11435	(99041722)	AT	(626500.00, 4175950.00)	DC	10.	161.18651	(99041722)	AT	(626625.00, 4175975.00)	DC

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

**MODELOPTs: CONC RURAL ELEV GRDRIS

*** THE SUMMARY OF MAXIMUM PERIOD (8760 HRS) RESULTS ***

** CONC OF NO2-OLM IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC		RECEPTOR (XR, YR, ZELEV, ZFLAG)				OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	15.37954	AT (	626500.00,	4176050.00,	123.10,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	15.10634	AT (	626500.00,	4176075.00,	126.10,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	14.91555	AT (	626525.00,	4176050.00,	129.30,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	14.52160	AT (	626525.00,	4176025.00,	124.70,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	14.48471	AT (	626525.00,	4176075.00,	132.20,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	14.34374	AT (	626575.00,	4176075.00,	140.90,	0.00)	DC	NA
GT	1ST HIGHEST VALUE IS	1.53034	AT (	626675.00,	4176100.00,	146.50,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	1.47531	AT (	626675.00,	4176125.00,	144.60,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	1.40258	AT (	626650.00,	4176100.00,	145.40,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	1.37175	AT (	626675.00,	4176250.00,	142.20,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	1.36465	AT (	626675.00,	4176075.00,	146.20,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	1.30447	AT (	626650.00,	4176125.00,	143.10,	0.00)	DC	NA
FW	1ST HIGHEST VALUE IS	10.71297	AT (	626415.69,	4175990.00,	115.70,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	10.57757	AT (	626433.38,	4175975.00,	115.80,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	9.54834	AT (	626450.00,	4175975.00,	114.40,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	9.40196	AT (	626451.00,	4175960.25,	117.00,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	9.29386	AT (	626425.00,	4176000.00,	113.40,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	9.19877	AT (	626398.13,	4176004.75,	114.80,	0.00)	DC	NA

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

**MODELOPTs: CONC RURAL ELEV GRDRIS

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF NO2-OLM IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)				OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	178.75821	ON 99041722: AT (	626468.63,	4175945.50,	117.90,	0.00)	DC	NA
GT	HIGH 1ST HIGH VALUE IS	91.45950	ON 99082613: AT (	626400.00,	4174900.00,	118.20,	0.00)	DC	

```
NA

FW       HIGH  1ST HIGH VALUE IS     178.75816  ON 99041722: AT (  626468.63,  4175945.50,    117.90,      0.00)  DC
NA


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
                      BD = BOUNDARY
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                                  ***
07/12/06
                                     *** Routine Operation                                                         ***
10:47:13

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**MODELOPTs: CONC                        RURAL  ELEV                 GRDRIS


*** Message Summary : ISC3_OLM Model Execution ***

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

A Total of  0  Fatal Error Message(s)
A Total of  2  Warning Message(s)
A Total of  403  Informational Message(s)

A Total of  403  Calm Hours Identified


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


   ********   WARNING MESSAGES   ********
SO W320    81 PPARM :Source Parameter May Be Out-of-Range for Parameter      VS
SO W320    95 PPARM :Source Parameter May Be Out-of-Range for Parameter      VS

   ************************************
   *** ISC3_OLM Finishes Successfully ***
   ************************************
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**Input Runstream File: 1h99nob.dta                                    ;  **Output Print File: 1h99nob.out

 *** ISC3_OLM - VERSION 96113 ***     *** FPL Tesla                                                          ***
07/12/06
                                     *** Routine Operation                                                  ***
10:48:07

PAGE   2
**MODELOPTs: CONC                          RURAL  ELEV                 GRDRIS


                                                  *** POINT SOURCE DATA ***

                NUMBER EMISSION RATE                        BASE     STACK   STACK    STACK     STACK    BUILDING EMISSION RATE
   SOURCE        PART.  (GRAMS/SEC)      X         Y       ELEV.    HEIGHT  TEMP.   EXIT VEL. DIAMETER   EXISTS   SCALAR VARY
     ID          CATS.                (METERS) (METERS) (METERS) (METERS) (DEG.K)  (M/SEC)  (METERS)                    BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  GT1           0   0.23939E+02  625968.8 4176031.0   118.9    60.96   358.71    16.81     5.79      YES
  GT2           0   0.23939E+02  626011.4 4176031.0   118.9    60.96   358.71    16.81     5.79      YES
  GT3           0   0.16380E+02  626095.8 4176031.0   118.9    60.96   358.71    16.81     5.79      YES
  GT4           0   0.16380E+02  626138.3 4176031.0   118.9    60.96   358.71    16.81     5.79      YES
  UNKGT         0   0.43445E+01  633100.0 4174603.0    54.0    30.48   727.59    36.58     5.18      NO
  EALTGT        0   0.75058E+01  625550.0 4184800.0    15.0    53.34   334.26    16.86     5.64      NO
  EALTBLR       0   0.18900E+00  625550.0 4184800.0    15.0    30.48   435.93     5.22     2.16      NO
  FWPUMP        0   0.46667E+00  626217.2 4175917.0   118.9     3.00   622.00    75.00     0.13      YES
  EMGEN         0   0.81042E+00  626066.9 4175976.3   118.9     1.94   787.04    95.37     0.20      NO
 *** ISC3_OLM - VERSION 96113 ***     *** FPL Tesla                                                          ***
07/12/06
                                     *** Routine Operation                                                  ***
10:48:07

PAGE   3
**MODELOPTs: CONC                          RURAL  ELEV                 GRDRIS


                                                  *** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID                                                    SOURCE IDs


 ALL       GT1     , GT2     , GT3     , GT4     , UNKGT   , EALTGT  , EALTBLR , FWPUMP  , EMGEN   ,

 GT        GT1     , GT2     , GT3     , GT4     ,

 FW        FWPUMP  ,
 *** ISC3_OLM - VERSION 96113 ***     *** FPL Tesla                                                          ***
07/12/06
                                     *** Routine Operation                                                  ***
10:48:07

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**MODELOPTs: CONC                          RURAL  ELEV                 GRDRIS

                                  *** THE MAXIMUM   10   1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                      INCLUDING SOURCE(S):    GT1     , GT2     , GT3     , GT4     , UNKGT   , EALTGT  ,
EALTBLR ,
         FWPUMP  , EMGEN   ,

                                          ** CONC OF NO2-OLM  IN MICROGRAMS/M**3                          **

RANK       CONC    (YYMMDDHH) AT       RECEPTOR (XR,YR) OF TYPE    RANK       CONC    (YYMMDDHH) AT       RECEPTOR
(XR,YR) OF TYPE
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - -
  1.     152.82309 (99041722) AT (  626800.00, 4176000.00)  DC       6.     127.95332 (99062002) AT (  626100.00,
4176500.00)  DC
  2.     150.43039 (99041722) AT (  626900.00, 4176000.00)  DC       7.     125.42813 (99062002) AT (  626100.00,
4176400.00)  DC
  3.     146.73795 (99041722) AT (  626700.00, 4176000.00)  DC       8.     123.03429 (99101001) AT (  626800.00,
4176200.00)  DC
  4.     143.74379 (99041722) AT (  627000.00, 4176000.00)  DC       9.     122.19453 (99101018) AT (  626700.00,
4175900.00)  DC
  5.     133.57401 (99041723) AT (  626800.00, 4176200.00)  DC      10.     121.89514 (99062002) AT (  626100.00,
4176600.00)  DC

 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
                      BD = BOUNDARY
 *** ISC3_OLM - VERSION 96113 ***     *** FPL Tesla                                                          ***
07/12/06
                                     *** Routine Operation                                                  ***
10:48:07

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**MODELOPTs: CONC                          RURAL  ELEV                 GRDRIS

                              *** THE MAXIMUM   10   1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  GT          ***
                                  INCLUDING SOURCE(S):     GT1      , GT2      , GT3      , GT4      ,

                                      ** CONC OF NO2-OLM   IN MICROGRAMS/M**3                              **

RANK       CONC     (YYMMDDHH) AT       RECEPTOR (XR,YR) OF TYPE    RANK       CONC     (YYMMDDHH) AT       RECEPTOR
(XR,YR) OF TYPE
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - -
  1.     116.96977 (99092918) AT (  629000.00, 4171500.00)  DC       6.      109.84410 (99092518) AT (  626500.00,
4172000.00)  DC
  2.     114.85480 (99092518) AT (  626000.00, 4172000.00)  DC       7.      109.75136 (99092518) AT (  627500.00,
4171500.00)  DC
  3.     112.01752 (99092518) AT (  626000.00, 4171500.00)  DC       8.      109.48998 (99092518) AT (  626500.00,
4171500.00)  DC
  4.     111.39944 (99092918) AT (  629500.00, 4171000.00)  DC       9.      109.11784 (99092518) AT (  627000.00,
4171500.00)  DC
  5.     110.67570 (99092918) AT (  630000.00, 4172000.00)  DC      10.      109.05479 (99092518) AT (  627000.00,
4172000.00)  DC

 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
                      BD = BOUNDARY
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                         ***
07/12/06
                                   *** Routine Operation                                                ***

10:48:07

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**MODELOPTs: CONC                          RURAL  ELEV                 GRDRIS

                              *** THE MAXIMUM   10   1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  FW          ***
                                  INCLUDING SOURCE(S):     FWPUMP   ,

                                      ** CONC OF NO2-OLM   IN MICROGRAMS/M**3                              **

RANK       CONC     (YYMMDDHH) AT       RECEPTOR (XR,YR) OF TYPE    RANK       CONC     (YYMMDDHH) AT       RECEPTOR
(XR,YR) OF TYPE
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - -
  1.     150.29239 (99041722) AT (  626800.00, 4176000.00)  DC       6.      109.82999 (99082219) AT (  626700.00,
4175800.00)  DC
  2.     149.74078 (99041722) AT (  626900.00, 4176000.00)  DC       7.      104.03046 (99101007) AT (  626700.00,
4175800.00)  DC
  3.     143.68669 (99041722) AT (  627000.00, 4176000.00)  DC       8.      102.13419 (99102002) AT (  626700.00,
4176100.00)  DC
  4.     130.82266 (99041722) AT (  626700.00, 4176000.00)  DC       9.      101.71686 (99071903) AT (  626000.00,
4176400.00)  DC
  5.     115.75431 (99101018) AT (  626700.00, 4175900.00)  DC      10.      100.86182 (99062002) AT (  626200.00,
4176400.00)  DC

 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
                      BD = BOUNDARY
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                         ***
07/12/06
                                   *** Routine Operation                                                ***

10:48:07

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**MODELOPTs: CONC                          RURAL  ELEV                 GRDRIS

                                         *** THE SUMMARY OF MAXIMUM PERIOD (  8760 HRS) RESULTS ***

                                      ** CONC OF NO2-OLM   IN MICROGRAMS/M**3                              **

                                                                                                    NETWORK
GROUP ID                       AVERAGE CONC               RECEPTOR  (XR, YR, ZELEV, ZFLAG)   OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

ALL     1ST HIGHEST VALUE IS      11.81848 AT (  626700.00,  4176100.00,    146.70,      0.00)  DC       NA
        2ND HIGHEST VALUE IS       9.36553 AT (  626800.00,  4176200.00,    143.40,      0.00)  DC       NA
        3RD HIGHEST VALUE IS       9.28463 AT (  626700.00,  4176200.00,    140.20,      0.00)  DC       NA
        4TH HIGHEST VALUE IS       9.13525 AT (  626700.00,  4176000.00,    142.30,      0.00)  DC       NA
        5TH HIGHEST VALUE IS       8.97869 AT (  626800.00,  4176100.00,    137.70,      0.00)  DC       NA
        6TH HIGHEST VALUE IS       7.72492 AT (  626900.00,  4176200.00,    135.90,      0.00)  DC       NA

GT      1ST HIGHEST VALUE IS       1.73190 AT (  626800.00,  4176200.00,    143.40,      0.00)  DC       NA
        2ND HIGHEST VALUE IS       1.56840 AT (  626700.00,  4176100.00,    146.70,      0.00)  DC       NA
        3RD HIGHEST VALUE IS       1.55984 AT (  626500.00,  4172500.00,    214.00,      0.00)  DC       NA
        4TH HIGHEST VALUE IS       1.50750 AT (  626500.00,  4173500.00,    166.70,      0.00)  DC       NA
        5TH HIGHEST VALUE IS       1.46711 AT (  627000.00,  4172000.00,    245.90,      0.00)  DC       NA
        6TH HIGHEST VALUE IS       1.45875 AT (  626500.00,  4172000.00,    248.40,      0.00)  DC       NA

FW      1ST HIGHEST VALUE IS       5.27994 AT (  626700.00,  4176000.00,    142.30,      0.00)  DC       NA
        2ND HIGHEST VALUE IS       4.92957 AT (  626700.00,  4176100.00,    146.70,      0.00)  DC       NA
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```
     3RD HIGHEST VALUE IS       4.29401 AT (  626800.00,  4176100.00,     137.70,       0.00)  DC       NA
     4TH HIGHEST VALUE IS       3.88412 AT (  626800.00,  4176000.00,     134.10,       0.00)  DC       NA
     5TH HIGHEST VALUE IS       3.61139 AT (  626900.00,  4176100.00,     134.50,       0.00)  DC       NA
     6TH HIGHEST VALUE IS       3.24466 AT (  626800.00,  4176200.00,     143.40,       0.00)  DC       NA

 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
                      BD = BOUNDARY
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                        ***
07/12/06
                                    *** Routine Operation                                              ***
10:48:07

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**MODELOPTs: CONC                            RURAL  ELEV               GRDRIS

                                                  *** THE SUMMARY OF HIGHEST  1-HR RESULTS ***

                                          ** CONC OF NO2-OLM  IN MICROGRAMS/M**3                          **

                                                        DATE
NETWORK
GROUP ID                              AVERAGE CONC     (YYMMDDHH)            RECEPTOR  (XR, YR, ZELEV, ZFLAG)    OF TYPE
GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - -

ALL      HIGH  1ST HIGH VALUE IS     152.82309  ON 99041722: AT (  626800.00,  4176000.00,     134.10,      0.00)  DC
NA

GT       HIGH  1ST HIGH VALUE IS     116.96977  ON 99092918: AT (  629000.00,  4171500.00,     265.80,      0.00)  DC
NA

FW       HIGH  1ST HIGH VALUE IS     150.29239  ON 99041722: AT (  626800.00,  4176000.00,     134.10,      0.00)  DC
NA

 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
                      BD = BOUNDARY
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                        ***
07/12/06
                                    *** Routine Operation                                              ***
10:48:07

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**MODELOPTs: CONC                            RURAL  ELEV               GRDRIS


*** Message Summary : ISC3_OLM Model Execution ***

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

A Total of  0  Fatal Error Message(s)
A Total of  2  Warning Message(s)
A Total of  403  Informational Message(s)

A Total of  403  Calm Hours Identified

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

   ********  WARNING MESSAGES   ********
SO W320    81 PPARM :Source Parameter May Be Out-of-Range for Parameter      VS
SO W320    95 PPARM :Source Parameter May Be Out-of-Range for Parameter      VS

   ************************************
   *** ISC3_OLM Finishes Successfully ***
   ************************************
```

```
**Input Runstream File: 1h99noc.dta                                  ;  **Output Print File: 1h99noc.out

 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                          ***
07/12/06
                                    *** Routine Operation                                                  ***
10:48:51

PAGE   2
**MODELOPTs: CONC                        RURAL  ELEV                 GRDRIS


                                                 *** POINT SOURCE DATA ***

              NUMBER EMISSION RATE                      BASE     STACK   STACK    STACK     STACK    BUILDING EMISSION RATE
   SOURCE      PART.  (GRAMS/SEC)     X         Y      ELEV.    HEIGHT  TEMP.   EXIT VEL. DIAMETER   EXISTS   SCALAR VARY
     ID        CATS.                (METERS) (METERS) (METERS) (METERS) (DEG.K)  (M/SEC)  (METERS)              BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  GT1          0   0.23939E+02  625968.8 4176031.0   118.9    60.96   358.71    16.81     5.79      YES
  GT2          0   0.23939E+02  626011.4 4176031.0   118.9    60.96   358.71    16.81     5.79      YES
  GT3          0   0.16380E+02  626095.8 4176031.0   118.9    60.96   358.71    16.81     5.79      YES
  GT4          0   0.16380E+02  626138.3 4176031.0   118.9    60.96   358.71    16.81     5.79      YES
  UNKGT        0   0.43445E+01  633100.0 4174603.0    54.0    30.48   727.59    36.58     5.18      NO
  EALTGT       0   0.75058E+01  625550.0 4184800.0    15.0    53.34   334.26    16.86     5.64      NO
  EALTBLR      0   0.18900E+00  625550.0 4184800.0    15.0    30.48   435.93     5.22     2.16      NO
  FWPUMP       0   0.46667E+00  626217.2 4175917.0   118.9     3.00   622.00    75.00     0.13      YES
  EMGEN        0   0.81042E+00  626066.9 4175976.3   118.9     1.94   787.04    95.37     0.20      NO
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                          ***
07/12/06
                                    *** Routine Operation                                                  ***
10:48:51

PAGE   3
**MODELOPTs: CONC                        RURAL  ELEV                 GRDRIS


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID                                                  SOURCE IDs


 ALL       GT1     , GT2     , GT3     , GT4     , UNKGT   , EALTGT  , EALTBLR , FWPUMP  , EMGEN   ,

 GT        GT1     , GT2     , GT3     , GT4     ,

 FW        FWPUMP  ,
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                          ***
07/12/06
                                    *** Routine Operation                                                  ***
10:48:51

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**MODELOPTs: CONC                        RURAL  ELEV                 GRDRIS

                                 *** THE MAXIMUM   10   1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                     INCLUDING SOURCE(S):    GT1     , GT2     , GT3     , GT4     , UNKGT   , EALTGT  ,
EALTBLR ,
         FWPUMP  , EMGEN   ,

                                         ** CONC OF NO2-OLM  IN MICROGRAMS/M**3                        **

RANK       CONC    (YYMMDDHH) AT       RECEPTOR (XR,YR) OF TYPE    RANK       CONC    (YYMMDDHH) AT       RECEPTOR
(XR,YR) OF TYPE
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - -
  1.     105.24662 (99032404) AT (  619000.00, 4180000.00)  DC       6.      96.38070 (99031921) AT (  619000.00,
4177000.00)  DC
  2.     100.24728 (99031921) AT (  620000.00, 4177000.00)  DC       7.      96.16036 (99031921) AT (  619000.00,
4175000.00)  DC
  3.      98.31877 (99032404) AT (  618000.00, 4180000.00)  DC       8.      95.44296 (99041904) AT (  629000.00,
4170000.00)  DC
  4.      98.13374 (99031921) AT (  620000.00, 4175000.00)  DC       9.      95.38699 (99031921) AT (  618000.00,
4177000.00)  DC
  5.      96.86169 (99031921) AT (  619000.00, 4176000.00)  DC      10.      94.79706 (99031921) AT (  618000.00,
4176000.00)  DC

 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
                      BD = BOUNDARY
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                          ***
07/12/06
                                    *** Routine Operation                                                  ***
10:48:51

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```

**MODELOPTs: CONC RURAL ELEV GRDRIS

*** THE MAXIMUM 10 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GT ***
INCLUDING SOURCE(S): GT1 , GT2 , GT3 , GT4 ,

** CONC OF NO2-OLM IN MICROGRAMS/M**3 **

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR) OF TYPE		RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR) OF TYPE	
1.	104.59109	(99032404)	AT (	619000.00, 4180000.00)	DC	6.	95.52632	(99031921)	AT (	619000.00, 4175000.00)	DC
2.	99.39991	(99031921)	AT (	620000.00, 4177000.00)	DC	7.	95.02341	(99032404)	AT (	618000.00, 4180000.00)	DC
3.	97.42374	(99031921)	AT (	620000.00, 4175000.00)	DC	8.	94.76681	(99031921)	AT (	618000.00, 4177000.00)	DC
4.	96.18602	(99031921)	AT (	619000.00, 4176000.00)	DC	9.	94.46844	(99041904)	AT (	629000.00, 4170000.00)	DC
5.	95.73740	(99031921)	AT (	619000.00, 4177000.00)	DC	10.	94.22002	(99031921)	AT (	618000.00, 4176000.00)	DC

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

□ *** ISC3_OLM - VERSION 96113 *** *** FPL Tesla ***
07/12/06
*** Routine Operation ***
10:48:51

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**MODELOPTs: CONC RURAL ELEV GRDRIS

*** THE MAXIMUM 10 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FW ***
INCLUDING SOURCE(S): FWPUMP ,

** CONC OF NO2-OLM IN MICROGRAMS/M**3 **

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR) OF TYPE		RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR) OF TYPE	
1.	12.13639	(99022124)	AT (	620000.00, 4181000.00)	DC	6.	8.32030	(99110806)	AT (	635000.00, 4169000.00)	DC
2.	11.07502	(99102403)	AT (	620000.00, 4181000.00)	DC	7.	8.28665	(99062704)	AT (	621000.00, 4182000.00)	DC
3.	9.51703	(99030801)	AT (	634000.00, 4171000.00)	DC	8.	7.96663	(99021701)	AT (	620000.00, 4183000.00)	DC
4.	8.85201	(99032021)	AT (	620000.00, 4181000.00)	DC	9.	7.91417	(99012201)	AT (	621000.00, 4182000.00)	DC
5.	8.72865	(99062704)	AT (	620000.00, 4183000.00)	DC	10.	7.69310	(99101002)	AT (	636000.00, 4169000.00)	DC

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

□ *** ISC3_OLM - VERSION 96113 *** *** FPL Tesla ***
07/12/06
*** Routine Operation ***
10:48:51

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**MODELOPTs: CONC RURAL ELEV GRDRIS

*** THE SUMMARY OF MAXIMUM PERIOD (8760 HRS) RESULTS ***

** CONC OF NO2-OLM IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC		RECEPTOR (XR, YR, ZELEV, ZFLAG)				OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	1.11882	AT (	627000.00,	4170000.00,	459.60,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	1.05730	AT (	628000.00,	4170000.00,	449.00,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.97169	AT (	628000.00,	4169000.00,	369.50,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.94859	AT (	627000.00,	4169000.00,	467.20,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.90539	AT (	626000.00,	4170000.00,	492.70,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.89457	AT (	629000.00,	4170000.00,	330.60,	0.00)	DC	NA
GT	1ST HIGHEST VALUE IS	1.03999	AT (	627000.00,	4170000.00,	459.60,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.97478	AT (	628000.00,	4170000.00,	449.00,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.89652	AT (	628000.00,	4169000.00,	369.50,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.87975	AT (	627000.00,	4169000.00,	467.20,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.83758	AT (	626000.00,	4170000.00,	492.70,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.81237	AT (	628000.00,	4168000.00,	374.80,	0.00)	DC	NA
FW	1ST HIGHEST VALUE IS	0.04526	AT (	633000.00,	4178000.00,	21.00,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.04202	AT (	633000.00,	4177000.00,	27.10,	0.00)	DC	NA

```
        3RD HIGHEST VALUE IS        0.04180 AT (  620000.00,  4181000.00,     135.50,       0.00)  DC       NA
        4TH HIGHEST VALUE IS        0.03798 AT (  634000.00,  4178000.00,      16.10,       0.00)  DC       NA
        5TH HIGHEST VALUE IS        0.03240 AT (  635000.00,  4178000.00,      13.10,       0.00)  DC       NA
        6TH HIGHEST VALUE IS        0.03206 AT (  634000.00,  4177000.00,      21.90,       0.00)  DC       NA

 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
                      BD = BOUNDARY
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                              ***
07/12/06
                                     *** Routine Operation                                                   ***
10:48:51

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**MODELOPTs: CONC                         RURAL  ELEV             GRDRIS

                                                   *** THE SUMMARY OF HIGHEST  1-HR RESULTS ***

                                           ** CONC OF NO2-OLM   IN MICROGRAMS/M**3                           **

                                                        DATE
NETWORK
GROUP ID                          AVERAGE CONC      (YYMMDDHH)            RECEPTOR  (XR, YR, ZELEV, ZFLAG)     OF TYPE
GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - -

ALL      HIGH  1ST HIGH VALUE IS     105.24662  ON 99032404: AT (  619000.00,  4180000.00,    292.60,      0.00)  DC
NA

GT       HIGH  1ST HIGH VALUE IS     104.59109  ON 99032404: AT (  619000.00,  4180000.00,    292.60,      0.00)  DC
NA

FW       HIGH  1ST HIGH VALUE IS      12.13639  ON 99022124: AT (  620000.00,  4181000.00,    135.50,      0.00)  DC
NA

 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
                      BD = BOUNDARY
 *** ISC3_OLM - VERSION 96113 ***    *** FPL Tesla                                                              ***
07/12/06
                                     *** Routine Operation                                                   ***
10:48:51

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**MODELOPTs: CONC                         RURAL  ELEV             GRDRIS


*** Message Summary : ISC3_OLM Model Execution ***

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

A Total of   0  Fatal Error Message(s)
A Total of   2  Warning Message(s)
A Total of   403  Informational Message(s)

A Total of   403  Calm Hours Identified


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


   ********   WARNING MESSAGES    ********
SO W320     81 PPARM :Source Parameter May Be Out-of-Range for Parameter      VS
SO W320     95 PPARM :Source Parameter May Be Out-of-Range for Parameter      VS

   ************************************
   *** ISC3_OLM Finishes Successfully ***
   ************************************
```

```
*** ISCST3 - VERSION 02035 ***
*** FPL Tesla                                                                    ***
*** Model Executed on 07/12/06 at 11:44:51 ***
 Input File - D:\AIR\NATALIEY\TELSA\July06\CO\CO_97_CO1HR.DTA

Output File - D:\AIR\NATALIEY\TELSA\July06\CO\CO_97_CO1HR.LST

   Met File - D:\AIR\NATALIEY\TELSA\MET\tracy97.asc

      Number of sources -          9
Number of source groups -          3
    Number of receptors -       2673
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GT1	0	0.13860E+03	625968.8	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
GT2	0	0.13860E+03	626011.4	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
GT3	0	0.35909E+02	626095.8	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
GT4	0	0.35909E+02	626138.2	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
UNKGT	0	0.12708E+02	633100.0	4174603.0	54.0	30.48	727.59	36.58	5.18	NO	
EALTGT	0	0.26347E+02	625550.0	4184800.0	15.0	53.34	334.26	16.86	5.64	NO	
EALTBLR	0	0.63000E+00	625550.0	4184800.0	15.0	30.48	435.93	5.22	2.16	NO	
FWPUMP	0	0.11040E+00	626217.2	4175917.0	118.9	3.00	622.00	75.00	0.13	YES	
EMGEN	0	0.15500E+00	626066.9	4175976.2	118.9	1.94	787.04	95.37	0.20	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GT1 , GT2 , GT3 , GT4 , UNKGT , EALTGT , EALTBLR , FWPUMP , EMGEN ,
GT	GT1 , GT2 , GT3 , GT4 ,
FW	FWPUMP ,

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF CO1HR IN MICROGRAMS/M**3 **

NETWORK GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	1591.76050	ON 97081203:	AT (623500.00, 4173000.00, 291.90, 0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	1569.26453	ON 97112906:	AT (623500.00, 4173000.00, 291.90, 0.00)	DC	NA
GT	HIGH 1ST HIGH VALUE IS	1589.09253	ON 97081203:	AT (623500.00, 4173000.00, 291.90, 0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	1566.59668	ON 97112906:	AT (623500.00, 4173000.00, 291.90, 0.00)	DC	NA
FW	HIGH 1ST HIGH VALUE IS	157.34961	ON 97032004:	AT (626310.00, 4176079.00, 117.00, 0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	150.19589	ON 97071906:	AT (626350.00, 4176175.00, 122.40, 0.00)	DC	NA

```
*** ISCST3 - VERSION 02035 ***
*** FPL Tesla                                                                    ***
*** Model Executed on 07/12/06 at 11:48:39 ***
 Input File - D:\AIR\NATALIEY\TELSA\July06\CO\CO_97_CO8HR.DTA

Output File - D:\AIR\NATALIEY\TELSA\July06\CO\CO_97_CO8HR.LST

   Met File - D:\AIR\NATALIEY\TELSA\MET\tracy97.asc

      Number of sources -          9
Number of source groups -          3
    Number of receptors -       2673
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GT1	0	0.23779E+02	625968.8	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
GT2	0	0.23779E+02	626011.4	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
GT3	0	0.91270E+01	626095.8	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
GT4	0	0.91270E+01	626138.2	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
UNKGT	0	0.12708E+02	633100.0	4174603.0	54.0	30.48	727.59	36.58	5.18	NO	
EALTGT	0	0.26347E+02	625550.0	4184800.0	15.0	53.34	334.26	16.86	5.64	NO	
EALTBLR	0	0.63000E+00	625550.0	4184800.0	15.0	30.48	435.93	5.22	2.16	NO	
FWPUMP	0	0.13860E-01	626217.2	4175917.0	118.9	3.00	622.00	75.00	0.13	YES	
EMGEN	0	0.19404E-01	626066.9	4175976.2	118.9	1.94	787.04	95.37	0.20	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GT1 , GT2 , GT3 , GT4 , UNKGT , EALTGT , EALTBLR , FWPUMP , EMGEN ,
GT	GT1 , GT2 , GT3 , GT4 ,
FW	FWPUMP ,

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

** CONC OF CO8HR IN MICROGRAMS/M**3 **

NETWORK GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	103.31054	ON 97011924:	AT (622000.00, 4176000.00, 248.00, 0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	98.44210c	ON 97120424:	AT (622000.00, 4176000.00, 248.00, 0.00)	DC	NA
GT	HIGH 1ST HIGH VALUE IS	96.34002	ON 97011924:	AT (622000.00, 4176000.00, 248.00, 0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	87.39340c	ON 97120424:	AT (622000.00, 4176000.00, 248.00, 0.00)	DC	NA
FW	HIGH 1ST HIGH VALUE IS	5.77723	ON 97021508:	AT (626451.00, 4175960.25, 117.00, 0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	4.00311	ON 97121708:	AT (625825.00, 4176075.00, 127.40, 0.00)	DC	NA

```
*** ISCST3 - VERSION 02035 ***
*** FPL Tesla                                                                    ***
*** Model Executed on 07/12/06 at 11:46:08 ***
 Input File - D:\AIR\NATALIEY\TELSA\July06\CO\CO_98_CO1HR.DTA

Output File - D:\AIR\NATALIEY\TELSA\July06\CO\CO_98_CO1HR.LST

   Met File - D:\AIR\NATALIEY\TELSA\MET\tracy98.asc

      Number of sources -          9
Number of source groups -          3
    Number of receptors -       2673
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GT1	0	0.13860E+03	625968.8	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
GT2	0	0.13860E+03	626011.4	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
GT3	0	0.35909E+02	626095.8	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
GT4	0	0.35909E+02	626138.2	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
UNKGT	0	0.12708E+02	633100.0	4174603.0	54.0	30.48	727.59	36.58	5.18	NO	
EALTGT	0	0.26347E+02	625550.0	4184800.0	15.0	53.34	334.26	16.86	5.64	NO	
EALTBLR	0	0.63000E+00	625550.0	4184800.0	15.0	30.48	435.93	5.22	2.16	NO	
FWPUMP	0	0.11040E+00	626217.2	4175917.0	118.9	3.00	622.00	75.00	0.13	YES	
EMGEN	0	0.15500E+00	626066.9	4175976.2	118.9	1.94	787.04	95.37	0.20	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GT1 , GT2 , GT3 , GT4 , UNKGT , EALTGT , EALTBLR , FWPUMP , EMGEN ,
GT	GT1 , GT2 , GT3 , GT4 ,
FW	FWPUMP ,

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF CO1HR IN MICROGRAMS/M**3 **

NETWORK GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	1729.18066	ON 98081306:	AT (624500.00, 4173500.00, 261.00, 0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	1575.94739	ON 98011322:	AT (623500.00, 4173000.00, 291.90, 0.00)	DC	NA
GT	HIGH 1ST HIGH VALUE IS	1724.73022	ON 98081306:	AT (624500.00, 4173500.00, 261.00, 0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	1573.27954	ON 98011322:	AT (623500.00, 4173000.00, 291.90, 0.00)	DC	NA
FW	HIGH 1ST HIGH VALUE IS	159.23170	ON 98112604:	AT (626300.00, 4176175.00, 121.60, 0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	157.48709	ON 98050523:	AT (626300.00, 4176175.00, 121.60, 0.00)	DC	NA

```
*** ISCST3 - VERSION 02035 ***
*** FPL Tesla                                                                    ***
*** Model Executed on 07/12/06 at 11:50:01 ***
 Input File - D:\AIR\NATALIEY\TELSA\July06\CO\CO_98_CO8HR.DTA

Output File - D:\AIR\NATALIEY\TELSA\July06\CO\CO_98_CO8HR.LST

   Met File - D:\AIR\NATALIEY\TELSA\MET\tracy98.asc

      Number of sources -          9
Number of source groups -          3
    Number of receptors -       2673
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GT1	0	0.23779E+02	625968.8	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
GT2	0	0.23779E+02	626011.4	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
GT3	0	0.91270E+01	626095.8	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
GT4	0	0.91270E+01	626138.2	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
UNKGT	0	0.12708E+02	633100.0	4174603.0	54.0	30.48	727.59	36.58	5.18	NO	
EALTGT	0	0.26347E+02	625550.0	4184800.0	15.0	53.34	334.26	16.86	5.64	NO	
EALTBLR	0	0.63000E+00	625550.0	4184800.0	15.0	30.48	435.93	5.22	2.16	NO	
FWPUMP	0	0.13860E-01	626217.2	4175917.0	118.9	3.00	622.00	75.00	0.13	YES	
EMGEN	0	0.19404E-01	626066.9	4175976.2	118.9	1.94	787.04	95.37	0.20	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GT1 , GT2 , GT3 , GT4 , UNKGT , EALTGT , EALTBLR , FWPUMP , EMGEN ,
GT	GT1 , GT2 , GT3 , GT4 ,
FW	FWPUMP ,

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

** CONC OF CO8HR IN MICROGRAMS/M**3 **

NETWORK GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	78.22887c	ON 98010824:	AT (621500.00, 4175500.00, 273.60, 0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	72.54683	ON 98120308:	AT (619000.00, 4180000.00, 292.60, 0.00)	DC	NA
GT	HIGH 1ST HIGH VALUE IS	75.33295c	ON 98010824:	AT (621500.00, 4175500.00, 273.60, 0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	68.87551	ON 98120308:	AT (619000.00, 4180000.00, 292.60, 0.00)	DC	NA
FW	HIGH 1ST HIGH VALUE IS	5.46943c	ON 98031208:	AT (626325.00, 4176175.00, 121.50, 0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	4.37010c	ON 98121524:	AT (626300.00, 4176100.00, 117.30, 0.00)	DC	NA

```
*** ISCST3 - VERSION 02035 ***
*** FPL Tesla                                                                    ***
*** Model Executed on 07/12/06 at 11:47:24 ***
 Input File - D:\AIR\NATALIEY\TELSA\July06\CO\CO_99_CO1HR.DTA

Output File - D:\AIR\NATALIEY\TELSA\July06\CO\CO_99_CO1HR.LST

   Met File - D:\AIR\NATALIEY\TELSA\MET\tracy99.asc

      Number of sources -          9
Number of source groups -          3
    Number of receptors -       2673
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GT1	0	0.13860E+03	625968.8	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
GT2	0	0.13860E+03	626011.4	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
GT3	0	0.35909E+02	626095.8	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
GT4	0	0.35909E+02	626138.2	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
UNKGT	0	0.12708E+02	633100.0	4174603.0	54.0	30.48	727.59	36.58	5.18	NO	
EALTGT	0	0.26347E+02	625550.0	4184800.0	15.0	53.34	334.26	16.86	5.64	NO	
EALTBLR	0	0.63000E+00	625550.0	4184800.0	15.0	30.48	435.93	5.22	2.16	NO	
FWPUMP	0	0.11040E+00	626217.2	4175917.0	118.9	3.00	622.00	75.00	0.13	YES	
EMGEN	0	0.15500E+00	626066.9	4175976.2	118.9	1.94	787.04	95.37	0.20	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GT1 , GT2 , GT3 , GT4 , UNKGT , EALTGT , EALTBLR , FWPUMP , EMGEN ,
GT	GT1 , GT2 , GT3 , GT4 ,
FW	FWPUMP ,

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF CO1HR IN MICROGRAMS/M**3 **

NETWORK GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	1612.52954	ON 99071503:	AT (624500.00, 4173500.00, 261.00, 0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	1578.98486	ON 99011907:	AT (623500.00, 4173000.00, 291.90, 0.00)	DC	NA
GT	HIGH 1ST HIGH VALUE IS	1608.07910	ON 99071503:	AT (624500.00, 4173500.00, 261.00, 0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	1576.31702	ON 99011907:	AT (623500.00, 4173000.00, 291.90, 0.00)	DC	NA
FW	HIGH 1ST HIGH VALUE IS	155.41177	ON 99121219:	AT (626310.00, 4176079.00, 117.00, 0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	151.21613	ON 99011004:	AT (626300.00, 4176150.00, 119.80, 0.00)	DC	NA

```
*** ISCST3 - VERSION 02035 ***
*** FPL Tesla                                                                    ***
*** Model Executed on 07/12/06 at 11:51:20 ***
 Input File - D:\AIR\NATALIEY\TELSA\July06\CO\CO_99_CO8HR.DTA

Output File - D:\AIR\NATALIEY\TELSA\July06\CO\CO_99_CO8HR.LST

   Met File - D:\AIR\NATALIEY\TELSA\MET\tracy99.asc

      Number of sources -          9
Number of source groups -          3
    Number of receptors -       2673
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GT1	0	0.23779E+02	625968.8	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
GT2	0	0.23779E+02	626011.4	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
GT3	0	0.91270E+01	626095.8	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
GT4	0	0.91270E+01	626138.2	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
UNKGT	0	0.12708E+02	633100.0	4174603.0	54.0	30.48	727.59	36.58	5.18	NO	
EALTGT	0	0.26347E+02	625550.0	4184800.0	15.0	53.34	334.26	16.86	5.64	NO	
EALTBLR	0	0.63000E+00	625550.0	4184800.0	15.0	30.48	435.93	5.22	2.16	NO	
FWPUMP	0	0.13860E-01	626217.2	4175917.0	118.9	3.00	622.00	75.00	0.13	YES	
EMGEN	0	0.19404E-01	626066.9	4175976.2	118.9	1.94	787.04	95.37	0.20	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GT1 , GT2 , GT3 , GT4 , UNKGT , EALTGT , EALTBLR , FWPUMP , EMGEN ,
GT	GT1 , GT2 , GT3 , GT4 ,
FW	FWPUMP ,

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

** CONC OF CO8HR IN MICROGRAMS/M**3 **

NETWORK GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	136.93172c	ON 99112724:	AT (625000.00, 4172500.00, 254.50, 0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	72.16741c	ON 99112808:	AT (625000.00, 4171500.00, 324.70, 0.00)	DC	NA
GT	HIGH 1ST HIGH VALUE IS	130.84337c	ON 99112724:	AT (625000.00, 4172500.00, 254.50, 0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	67.45085	ON 99011908:	AT (621500.00, 4175500.00, 273.60, 0.00)	DC	NA
FW	HIGH 1ST HIGH VALUE IS	5.40319	ON 99121608:	AT (626468.62, 4175945.50, 117.90, 0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	4.10320c	ON 99100208:	AT (626400.00, 4176125.00, 118.50, 0.00)	DC	NA

```
*** ISCST3 - VERSION 02035 ***
*** FPL Tesla                                                                    ***
*** Model Executed on 07/14/06 at 10:19:56 ***
 Input File - D:\AIR\NATALIEY\TELSA\July06\CO\CO1HOURFINE_98_CO1HR.DTA

Output File - D:\AIR\NATALIEY\TELSA\July06\CO\CO1HOURFINE_98_CO1HR.LST

   Met File - D:\AIR\NATALIEY\TELSA\MET\tracy98.asc

      Number of sources -          9
Number of source groups -          3
    Number of receptors -       2000
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GT1	0	0.13860E+03	625968.8	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
GT2	0	0.13860E+03	626011.4	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
GT3	0	0.35909E+02	626095.8	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
GT4	0	0.35909E+02	626138.2	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
FWPUMP	0	0.11040E+00	626217.2	4175917.0	118.9	3.00	622.00	75.00	0.13	YES	
UNKGT	0	0.12708E+02	633100.0	4174603.0	54.0	30.48	727.59	36.58	5.18	NO	
EALTGT	0	0.26347E+02	625550.0	4184800.0	15.0	53.34	334.26	16.86	5.64	NO	
EALTBLR	0	0.63000E+00	625550.0	4184800.0	15.0	30.48	435.93	5.22	2.16	NO	
EMGEN	0	0.15500E+00	626066.9	4175976.2	118.9	1.94	787.04	95.37	0.20	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GT1 , GT2 , GT3 , GT4 , FWPUMP , UNKGT , EALTGT , EALTBLR , EMGEN ,
GT	GT1 , GT2 , GT3 , GT4 ,
FW	FWPUMP ,

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF CO1HR IN MICROGRAMS/M**3 **

NETWORK GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	2421.30176	ON 98081306:	AT (624350.00, 4173770.00, 284.00, 0.00)	GC CO
	HIGH 2ND HIGH VALUE IS	2246.44141	ON 98120801:	AT (624350.00, 4173740.00, 287.10, 0.00)	GC CO
GT	HIGH 1ST HIGH VALUE IS	2416.92847	ON 98081306:	AT (624350.00, 4173770.00, 284.00, 0.00)	GC CO
	HIGH 2ND HIGH VALUE IS	2242.16699	ON 98120801:	AT (624350.00, 4173740.00, 287.10, 0.00)	GC CO
FW	HIGH 1ST HIGH VALUE IS	3.79349	ON 98040104:	AT (625070.00, 4174070.00, 164.50, 0.00)	GC CO
	HIGH 2ND HIGH VALUE IS	3.79347	ON 98120801:	AT (625070.00, 4174070.00, 164.50, 0.00)	GC CO

CO8HOURFINE_99_CO8HR.USF

```
*** ISCST3 - VERSION 02035 ***
*** FPL Tesla                                                                    ***
*** Model Executed on 07/14/06 at 10:21:38 ***
 Input File - D:\AIR\NATALIEY\TELSA\July06\CO\CO8HOURFINE_99_CO8HR.DTA

Output File - D:\AIR\NATALIEY\TELSA\July06\CO\CO8HOURFINE_99_CO8HR.LST

   Met File - D:\AIR\NATALIEY\TELSA\MET\tracy99.asc

      Number of sources -          9
Number of source groups -          3
    Number of receptors -        400
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GT1	0	0.23779E+02	625968.8	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
GT2	0	0.23779E+02	626011.4	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
GT3	0	0.91270E+01	626095.8	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
GT4	0	0.91270E+01	626138.2	4176031.0	118.9	60.96	358.71	16.81	5.79	YES	
UNKGT	0	0.12708E+02	633100.0	4174603.0	54.0	30.48	727.59	36.58	5.18	NO	
EALTGT	0	0.26347E+02	625550.0	4184800.0	15.0	53.34	334.26	16.86	5.64	NO	
EALTBLR	0	0.63000E+00	625550.0	4184800.0	15.0	30.48	435.93	5.22	2.16	NO	
FWPUMP	0	0.13860E-01	626217.2	4175917.0	118.9	3.00	622.00	75.00	0.13	YES	
EMGEN	0	0.19404E-01	626066.9	4175976.2	118.9	1.94	787.04	95.37	0.20	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GT1 , GT2 , GT3 , GT4 , UNKGT , EALTGT , EALTBLR , FWPUMP , EMGEN ,
GT	GT1 , GT2 , GT3 , GT4 ,
FW	FWPUMP ,

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

** CONC OF CO8HR IN MICROGRAMS/M**3 **

NETWORK GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	176.90541c	ON 99112724:	AT (625070.00, 4172710.00, 277.90, 0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	120.05939c	ON 99112808:	AT (625370.00, 4172470.00, 300.20, 0.00)	DC	NA
GT	HIGH 1ST HIGH VALUE IS	171.89961c	ON 99112724:	AT (625310.00, 4172620.00, 273.80, 0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	112.23121c	ON 99112808:	AT (625370.00, 4172470.00, 300.20, 0.00)	DC	NA
FW	HIGH 1ST HIGH VALUE IS	0.11212c	ON 99112724:	AT (625370.00, 4172770.00, 225.90, 0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	0.04917c	ON 99112808:	AT (625370.00, 4172770.00, 225.90, 0.00)	DC	NA

```
*** ISCST3 - VERSION 02035 ***
*** FPL Tesla                                                                    ***
*** Model Executed on 09/26/06 at 13:04:05 ***
 Input File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\97\Cumulative Impacts\PM10_PSD_97_cumulative24_PM24.DTA

Output File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\97\Cumulative Impacts\PM10_PSD_97_cumulative24_PM24.LST

   Met File - D:\AIR\NATALIEY\TELSA\MET\tracy97.asc

      Number of sources -         32
Number of source groups -          6
    Number of receptors -       3114
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GT1	0	0.16060E+01	625968.8	4176031.0	118.3	60.96	358.71	16.81	5.79	YES	
GT2	0	0.16060E+01	626011.3	4176031.0	117.1	60.96	358.71	16.81	5.79	YES	
GT3	0	0.16060E+01	626095.8	4176031.0	116.2	60.96	358.71	16.81	5.79	YES	
GT4	0	0.16060E+01	626138.2	4176031.0	116.1	60.96	358.71	16.81	5.79	YES	
CT1	0	0.25480E-01	625945.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT2	0	0.25480E-01	625959.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT3	0	0.25480E-01	625973.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT4	0	0.25480E-01	625987.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT5	0	0.25480E-01	626001.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT6	0	0.25480E-01	626015.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT7	0	0.25480E-01	626029.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT8	0	0.25480E-01	626043.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT9	0	0.25480E-01	626057.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT10	0	0.25480E-01	626071.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT11	0	0.25480E-01	626085.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT12	0	0.25480E-01	626103.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT13	0	0.25480E-01	626117.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT14	0	0.25480E-01	626131.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT15	0	0.25480E-01	626145.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT16	0	0.25480E-01	626159.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT17	0	0.25480E-01	626173.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT18	0	0.25480E-01	626187.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT19	0	0.25480E-01	626201.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT20	0	0.25480E-01	626215.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT21	0	0.25480E-01	626229.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT22	0	0.25480E-01	626243.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
EMGEN	0	0.22838E-02	626066.9	4175976.2	118.9	1.94	787.04	95.37	0.20	YES	
FWPUMP	0	0.34130E-03	626217.2	4175917.0	116.1	3.00	622.00	75.00	0.13	YES	
UNKGT	0	0.24066E+01	633100.0	4174603.0	54.0	30.48	727.59	36.58	5.18	NO	
EALTGT	0	0.57708E+01	625550.0	4184800.0	15.0	53.34	334.26	16.86	5.64	NO	
EALTBLR	0	0.33390E+00	625550.0	4184800.0	15.0	30.48	435.93	5.22	2.16	NO	
EALTCT	0	0.30240E+00	625550.0	4184800.0	15.0	13.72	294.26	10.00	10.27	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GT1 , GT2 , GT3 , GT4 , CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 ,
	CT9 , CT10 , CT11 , CT12 , CT13 , CT14 , CT15 , CT16 , CT17 , CT18 , CT19 , CT20 ,
	CT21 , CT22 , EMGEN , FWPUMP , UNKGT , EALTGT , EALTBLR , EALTCT ,
GT	GT1 , GT2 , GT3 , GT4 ,
CT	CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 , CT9 , CT10 , CT11 , CT12 ,
	CT13 , CT14 , CT15 , CT16 , CT17 , CT18 , CT19 , CT20 , CT21 , CT22 ,
FW	FWPUMP ,
TESLA	GT1 , GT2 , GT3 , GT4 , CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 ,
	CT9 , CT10 , CT11 , CT12 , CT13 , CT14 , CT15 , CT16 , CT17 , CT18 , CT19 , CT20 ,
	CT21 , CT22 , EMGEN , FWPUMP ,
OTHERS	UNKGT , EALTGT , EALTBLR , EALTCT ,

PM10_PSD_97_cumulative24_PM24.USF

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM24 IN MICROGRAMS/M**3 **

NETWORK GROUP ID GRID-ID			AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)				OF TYPE	
ALL NA	HIGH	1ST HIGH VALUE IS	10.59299	ON 97070924: AT (	626375.00,	4176175.00,	124.90,	0.00)	DC	
NA	HIGH	2ND HIGH VALUE IS	9.85145	ON 97051924: AT (	626375.00,	4176175.00,	124.90,	0.00)	DC	
GT	HIGH	1ST HIGH VALUE IS	4.64759c	ON 97011924: AT (	621297.00,	4176224.00,	275.90,	0.00)	GC	1
	HIGH	2ND HIGH VALUE IS	4.38558c	ON 97011724: AT (	621247.00,	4176024.00,	290.20,	0.00)	GC	1
CT NA	HIGH	1ST HIGH VALUE IS	10.53598	ON 97070924: AT (	626375.00,	4176175.00,	124.90,	0.00)	DC	
NA	HIGH	2ND HIGH VALUE IS	9.83255	ON 97051924: AT (	626375.00,	4176175.00,	124.90,	0.00)	DC	
FW NA	HIGH	1ST HIGH VALUE IS	0.06303c	ON 97010824: AT (	626398.12,	4176004.75,	114.80,	0.00)	DC	
NA	HIGH	2ND HIGH VALUE IS	0.03728c	ON 97112424: AT (	626300.00,	4176125.00,	118.40,	0.00)	DC	
TESLA NA	HIGH	1ST HIGH VALUE IS	10.59299	ON 97070924: AT (	626375.00,	4176175.00,	124.90,	0.00)	DC	
NA	HIGH	2ND HIGH VALUE IS	9.85145	ON 97051924: AT (	626375.00,	4176175.00,	124.90,	0.00)	DC	
OTHERS NA	HIGH	1ST HIGH VALUE IS	3.34470c	ON 97011924: AT (	618000.00,	4185000.00,	150.90,	0.00)	DC	
NA	HIGH	2ND HIGH VALUE IS	2.92196c	ON 97011724: AT (	618000.00,	4185000.00,	150.90,	0.00)	DC	

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*** ISCST3 - VERSION 02035 ***
*** FPL Tesla                                                                    ***
*** Model Executed on 09/14/06 at 15:36:48 ***
 Input File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\97\Cumulative Impacts\PM10_PSD_97_cumulativeAN_PMAN.DTA

Output File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\97\Cumulative Impacts\PM10_PSD_97_cumulativeAN_PMAN.LST

   Met File - D:\AIR\NATALIEY\TELSA\MET\tracy97.asc

      Number of sources -         32
Number of source groups -          6
    Number of receptors -       3114
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*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GT1	0	0.13660E+01	625968.8	4176031.0	118.3	60.96	358.71	16.81	5.79	YES	
GT2	0	0.13660E+01	626011.3	4176031.0	117.1	60.96	358.71	16.81	5.79	YES	
GT3	0	0.13660E+01	626095.8	4176031.0	116.2	60.96	358.71	16.81	5.79	YES	
GT4	0	0.13660E+01	626138.2	4176031.0	116.1	60.96	358.71	16.81	5.79	YES	
CT1	0	0.25480E-01	625945.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT2	0	0.25480E-01	625959.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT3	0	0.25480E-01	625973.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT4	0	0.25480E-01	625987.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT5	0	0.25480E-01	626001.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT6	0	0.25480E-01	626015.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT7	0	0.25480E-01	626029.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT8	0	0.25480E-01	626043.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT9	0	0.25480E-01	626057.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT10	0	0.25480E-01	626071.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT11	0	0.25480E-01	626085.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT12	0	0.25480E-01	626103.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT13	0	0.25480E-01	626117.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT14	0	0.25480E-01	626131.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT15	0	0.25480E-01	626145.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT16	0	0.25480E-01	626159.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT17	0	0.25480E-01	626173.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT18	0	0.25480E-01	626187.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT19	0	0.25480E-01	626201.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT20	0	0.25480E-01	626215.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT21	0	0.25480E-01	626229.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT22	0	0.25480E-01	626243.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
EMGEN	0	0.62622E-03	626066.9	4175976.2	118.9	1.94	787.04	95.37	0.20	YES	
FWPUMP	0	0.93492E-04	626217.2	4175917.0	116.1	3.00	622.00	75.00	0.13	YES	
UNKGT	0	0.24066E+01	633100.0	4174603.0	54.0	30.48	727.59	36.58	5.18	NO	
EALTGT	0	0.57708E+01	625550.0	4184800.0	15.0	53.34	334.26	16.86	5.64	NO	
EALTBLR	0	0.33390E+00	625550.0	4184800.0	15.0	30.48	435.93	5.22	2.16	NO	
EALTCT	0	0.30240E+00	625550.0	4184800.0	15.0	13.72	294.26	10.00	10.27	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GT1 , GT2 , GT3 , GT4 , CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 ,
	CT9 , CT10 , CT11 , CT12 , CT13 , CT14 , CT15 , CT16 , CT17 , CT18 , CT19 , CT20 ,
	CT21 , CT22 , EMGEN , FWPUMP , UNKGT , EALTGT , EALTBLR , EALTCT ,
GT	GT1 , GT2 , GT3 , GT4 ,
CT	CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 , CT9 , CT10 , CT11 , CT12 ,
	CT13 , CT14 , CT15 , CT16 , CT17 , CT18 , CT19 , CT20 , CT21 , CT22 ,
FW	FWPUMP ,
TESLA	GT1 , GT2 , GT3 , GT4 , CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 ,
	CT9 , CT10 , CT11 , CT12 , CT13 , CT14 , CT15 , CT16 , CT17 , CT18 , CT19 , CT20 ,
	CT21 , CT22 , EMGEN , FWPUMP ,
OTHERS	UNKGT , EALTGT , EALTBLR , EALTCT ,

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	1.57069 AT	(626625.00, 4176225.00, 135.80, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	1.55227 AT	(626600.00, 4176250.00, 135.40, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	1.54521 AT	(626625.00, 4176250.00, 138.50, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	1.51452 AT	(626650.00, 4176250.00, 140.90, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	1.50223 AT	(626650.00, 4176225.00, 138.00, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	1.48019 AT	(626375.00, 4176175.00, 124.90, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	1.47625 AT	(626675.00, 4176250.00, 142.20, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	1.45321 AT	(626675.00, 4176225.00, 140.10, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	1.41801 AT	(626375.00, 4176200.00, 128.40, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	1.41238 AT	(626650.00, 4176275.00, 141.70, 0.00)	DC	NA
GT	1ST HIGHEST VALUE IS	0.17240 AT	(630000.00, 4172000.00, 264.80, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.16862 AT	(630000.00, 4172500.00, 246.50, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.15429 AT	(629500.00, 4172000.00, 247.80, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.15261 AT	(630500.00, 4171500.00, 267.20, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.14978 AT	(621247.00, 4176274.00, 279.10, 0.00)	GC	1
	6TH HIGHEST VALUE IS	0.14911 AT	(630500.00, 4172000.00, 248.00, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.14905 AT	(621197.00, 4176274.00, 281.80, 0.00)	GC	1
	8TH HIGHEST VALUE IS	0.14684 AT	(621297.00, 4176274.00, 271.30, 0.00)	GC	1
	9TH HIGHEST VALUE IS	0.14521 AT	(621147.00, 4176274.00, 277.00, 0.00)	GC	1
	10TH HIGHEST VALUE IS	0.14371 AT	(630000.00, 4171500.00, 260.90, 0.00)	DC	NA
CT	1ST HIGHEST VALUE IS	1.42019 AT	(626625.00, 4176225.00, 135.80, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	1.41407 AT	(626600.00, 4176250.00, 135.40, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	1.38761 AT	(626625.00, 4176250.00, 138.50, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	1.38236 AT	(626375.00, 4176175.00, 124.90, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	1.33774 AT	(626650.00, 4176250.00, 140.90, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	1.33764 AT	(626650.00, 4176225.00, 138.00, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	1.32007 AT	(626375.00, 4176200.00, 128.40, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	1.28241 AT	(626675.00, 4176250.00, 142.20, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	1.26973 AT	(626675.00, 4176225.00, 140.10, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	1.26320 AT	(626400.00, 4176175.00, 124.10, 0.00)	DC	NA

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
FW	1ST HIGHEST VALUE IS	0.00276 AT	(626433.38, 4175975.00, 115.80, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.00271 AT	(626415.69, 4175990.00, 115.70, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.00252 AT	(626451.00, 4175960.25, 117.00, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.00250 AT	(626450.00, 4175975.00, 114.40, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.00234 AT	(626398.12, 4176004.75, 114.80, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.00230 AT	(626425.00, 4176000.00, 113.40, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.00226 AT	(626525.00, 4176000.00, 120.80, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.00223 AT	(626450.00, 4176000.00, 113.90, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.00221 AT	(626475.00, 4175975.00, 114.00, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.00214 AT	(626475.00, 4176000.00, 115.10, 0.00)	DC	NA
TESLA	1ST HIGHEST VALUE IS	1.47363 AT	(626625.00, 4176225.00, 135.80, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	1.45497 AT	(626600.00, 4176250.00, 135.40, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	1.44738 AT	(626625.00, 4176250.00, 138.50, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	1.41861 AT	(626650.00, 4176250.00, 140.90, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	1.40709 AT	(626650.00, 4176225.00, 138.00, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	1.39055 AT	(626375.00, 4176175.00, 124.90, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	1.38008 AT	(626675.00, 4176250.00, 142.20, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	1.35764 AT	(626675.00, 4176225.00, 140.10, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	1.32767 AT	(626375.00, 4176200.00, 128.40, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	1.31642 AT	(626650.00, 4176200.00, 135.00, 0.00)	DC	NA
OTHERS	1ST HIGHEST VALUE IS	0.39054 AT	(627000.00, 4185000.00, 7.00, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.38230 AT	(629000.00, 4186000.00, 0.00, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.37600 AT	(630000.00, 4186000.00, 0.00, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.32599 AT	(631000.00, 4186000.00, 0.00, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.28673 AT	(628000.00, 4185000.00, 2.10, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.27816 AT	(632000.00, 4186000.00, 0.00, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.23747 AT	(633000.00, 4186000.00, 0.00, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.22761 AT	(629000.00, 4185000.00, 0.00, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.21799 AT	(626000.00, 4183000.00, 24.30, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.20965 AT	(626000.00, 4185000.00, 9.10, 0.00)	DC	NA

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*** ISCST3 - VERSION 02035 ***
*** FPL Tesla                                                    ***
*** Model Executed on 09/26/06 at 13:18:55 ***
 Input File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\98\Cumulative Impacts\PM10_PSD_98_cumulative24_PM24.DTA

Output File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\98\Cumulative Impacts\PM10_PSD_98_cumulative24_PM24.LST

   Met File - D:\AIR\NATALIEY\TELSA\MET\tracy98.asc

      Number of sources -         32
Number of source groups -          7
    Number of receptors -       3114
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GT1	0	0.16060E+01	625968.8	4176031.0	118.3	60.96	358.71	16.81	5.79	YES	
GT2	0	0.16060E+01	626011.3	4176031.0	117.1	60.96	358.71	16.81	5.79	YES	
GT3	0	0.16060E+01	626095.8	4176031.0	116.2	60.96	358.71	16.81	5.79	YES	
GT4	0	0.16060E+01	626138.2	4176031.0	116.1	60.96	358.71	16.81	5.79	YES	
CT1	0	0.25480E-01	625945.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT2	0	0.25480E-01	625959.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT3	0	0.25480E-01	625973.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT4	0	0.25480E-01	625987.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT5	0	0.25480E-01	626001.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT6	0	0.25480E-01	626015.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT7	0	0.25480E-01	626029.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT8	0	0.25480E-01	626043.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT9	0	0.25480E-01	626057.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT10	0	0.25480E-01	626071.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT11	0	0.25480E-01	626085.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT12	0	0.25480E-01	626103.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT13	0	0.25480E-01	626117.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT14	0	0.25480E-01	626131.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT15	0	0.25480E-01	626145.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT16	0	0.25480E-01	626159.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT17	0	0.25480E-01	626173.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT18	0	0.25480E-01	626187.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT19	0	0.25480E-01	626201.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT20	0	0.25480E-01	626215.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT21	0	0.25480E-01	626229.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT22	0	0.25480E-01	626243.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
EMGEN	0	0.22838E-02	626066.9	4175976.2	118.9	1.94	787.04	95.37	0.20	YES	
FWPUMP	0	0.34130E-03	626217.2	4175917.0	116.1	3.00	622.00	75.00	0.13	YES	
UNKGT	0	0.24066E+01	633100.0	4174603.0	54.0	30.48	727.59	36.58	5.18	NO	
EALTGT	0	0.57708E+01	625550.0	4184800.0	15.0	53.34	334.26	16.86	5.64	NO	
EALTBLR	0	0.33390E+00	625550.0	4184800.0	15.0	30.48	435.93	5.22	2.16	NO	
EALTCT	0	0.30240E+00	625550.0	4184800.0	15.0	13.72	294.26	10.00	10.27	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GT1 , GT2 , GT3 , GT4 , CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 ,
	CT9 , CT10 , CT11 , CT12 , CT13 , CT14 , CT15 , CT16 , CT17 , CT18 , CT19 , CT20 ,
	CT21 , CT22 , EMGEN , FWPUMP , UNKGT , EALTGT , EALTBLR , EALTCT ,
GT	GT1 , GT2 , GT3 , GT4 ,
CT	CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 , CT9 , CT10 , CT11 , CT12 ,
	CT13 , CT14 , CT15 , CT16 , CT17 , CT18 , CT19 , CT20 , CT21 , CT22 ,
EMGEN	EMGEN ,
FW	FWPUMP ,
TESLA	GT1 , GT2 , GT3 , GT4 , CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 ,
	CT9 , CT10 , CT11 , CT12 , CT13 , CT14 , CT15 , CT16 , CT17 , CT18 , CT19 , CT20 ,
	CT21 , CT22 , FWPUMP ,

OTHER UNKGT , EALTGT , EALTBLR , EALTCT ,

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM24 IN MICROGRAMS/M**3 **

NETWORK GROUP ID GRID-ID			AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)				OF TYPE
ALL	HIGH	1ST HIGH VALUE IS	8.55541	ON 98081424: AT (	626600.00,	4176150.00,	132.80,	0.00)	DC
NA									
	HIGH	2ND HIGH VALUE IS	7.34487	ON 98063024: AT (	626375.00,	4176175.00,	124.90,	0.00)	DC
NA									
GT	HIGH	1ST HIGH VALUE IS	3.60312	ON 98112924: AT (	619000.00,	4180000.00,	292.60,	0.00)	DC
NA									
	HIGH	2ND HIGH VALUE IS	2.98579c	ON 98111024: AT (	619000.00,	4180000.00,	292.60,	0.00)	DC
NA									
CT	HIGH	1ST HIGH VALUE IS	8.45539	ON 98081424: AT (	626600.00,	4176150.00,	132.80,	0.00)	DC
NA									
	HIGH	2ND HIGH VALUE IS	7.23215c	ON 98080624: AT (	626375.00,	4176175.00,	124.90,	0.00)	DC
NA									
EMGEN	HIGH	1ST HIGH VALUE IS	0.38423c	ON 98031224: AT (	626149.62,	4176177.50,	120.60,	0.00)	DC
NA									
	HIGH	2ND HIGH VALUE IS	0.29959	ON 98011424: AT (	625900.00,	4176100.00,	121.40,	0.00)	DC
NA									
FW	HIGH	1ST HIGH VALUE IS	0.07952c	ON 98031224: AT (	626292.38,	4176093.75,	116.80,	0.00)	DC
NA									
	HIGH	2ND HIGH VALUE IS	0.04083c	ON 98011724: AT (	626345.31,	4176049.25,	115.40,	0.00)	DC
NA									
TESLA	HIGH	1ST HIGH VALUE IS	8.53997	ON 98081424: AT (	626600.00,	4176150.00,	132.80,	0.00)	DC
NA									
	HIGH	2ND HIGH VALUE IS	7.25371c	ON 98080624: AT (	626375.00,	4176175.00,	124.90,	0.00)	DC
NA									
OTHER	HIGH	1ST HIGH VALUE IS	2.22003c	ON 98091624: AT (	620000.00,	4184000.00,	145.40,	0.00)	DC
NA									
	HIGH	2ND HIGH VALUE IS	2.09257c	ON 98010624: AT (	620000.00,	4184000.00,	145.40,	0.00)	DC
NA									

```
*** ISCST3 - VERSION 02035 ***
*** FPL Tesla                                                                    ***
*** Model Executed on 09/14/06 at 15:44:14 ***
 Input File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\98\Cumulative Impacts\PM10_PSD_98_cumulativeAN_PMAN.DTA

Output File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\98\Cumulative Impacts\PM10_PSD_98_cumulativeAN_PMAN.LST

   Met File - D:\AIR\NATALIEY\TELSA\MET\tracy98.asc

      Number of sources -         32
Number of source groups -          7
    Number of receptors -       3114
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GT1	0	0.13660E+01	625968.8	4176031.0	118.3	60.96	358.71	16.81	5.79	YES	
GT2	0	0.13660E+01	626011.3	4176031.0	117.1	60.96	358.71	16.81	5.79	YES	
GT3	0	0.13660E+01	626095.8	4176031.0	116.2	60.96	358.71	16.81	5.79	YES	
GT4	0	0.13660E+01	626138.2	4176031.0	116.1	60.96	358.71	16.81	5.79	YES	
CT1	0	0.25480E-01	625945.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT2	0	0.25480E-01	625959.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT3	0	0.25480E-01	625973.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT4	0	0.25480E-01	625987.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT5	0	0.25480E-01	626001.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT6	0	0.25480E-01	626015.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT7	0	0.25480E-01	626029.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT8	0	0.25480E-01	626043.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT9	0	0.25480E-01	626057.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT10	0	0.25480E-01	626071.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT11	0	0.25480E-01	626085.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT12	0	0.25480E-01	626103.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT13	0	0.25480E-01	626117.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT14	0	0.25480E-01	626131.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT15	0	0.25480E-01	626145.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT16	0	0.25480E-01	626159.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT17	0	0.25480E-01	626173.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT18	0	0.25480E-01	626187.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT19	0	0.25480E-01	626201.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT20	0	0.25480E-01	626215.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT21	0	0.25480E-01	626229.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT22	0	0.25480E-01	626243.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
EMGEN	0	0.62622E-03	626066.9	4175976.2	118.9	1.94	787.04	95.37	0.20	YES	
FWPUMP	0	0.93492E-04	626217.2	4175917.0	116.1	3.00	622.00	75.00	0.13	YES	
UNKGT	0	0.24066E+01	633100.0	4174603.0	54.0	30.48	727.59	36.58	5.18	NO	
EALTGT	0	0.57708E+01	625550.0	4184800.0	15.0	53.34	334.26	16.86	5.64	NO	
EALTBLR	0	0.33390E+00	625550.0	4184800.0	15.0	30.48	435.93	5.22	2.16	NO	
EALTCT	0	0.30240E+00	625550.0	4184800.0	15.0	13.72	294.26	10.00	10.27	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GT1 , GT2 , GT3 , GT4 , CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 ,
	CT9 , CT10 , CT11 , CT12 , CT13 , CT14 , CT15 , CT16 , CT17 , CT18 , CT19 , CT20 ,
	CT21 , CT22 , EMGEN , FWPUMP , UNKGT , EALTGT , EALTBLR , EALTCT ,
GT	GT1 , GT2 , GT3 , GT4 ,
CT	CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 , CT9 , CT10 , CT11 , CT12 ,
	CT13 , CT14 , CT15 , CT16 , CT17 , CT18 , CT19 , CT20 , CT21 , CT22 ,
EMGEN	EMGEN ,
FW	FWPUMP ,
TESLA	GT1 , GT2 , GT3 , GT4 , CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 ,
	CT9 , CT10 , CT11 , CT12 , CT13 , CT14 , CT15 , CT16 , CT17 , CT18 , CT19 , CT20 ,
	CT21 , CT22 , FWPUMP ,

OTHER UNKGT , EALTGT , EALTBLR , EALTCT ,

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	1.20032 AT	(626625.00, 4176225.00, 135.80, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	1.18707 AT	(626625.00, 4176250.00, 138.50, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	1.18402 AT	(626650.00, 4176250.00, 140.90, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	1.17778 AT	(626600.00, 4176250.00, 135.40, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	1.16524 AT	(626675.00, 4176250.00, 142.20, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	1.16253 AT	(626650.00, 4176225.00, 138.00, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	1.14085 AT	(626675.00, 4176225.00, 140.10, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	1.10916 AT	(626650.00, 4176275.00, 141.70, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	1.09477 AT	(626675.00, 4176275.00, 141.90, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	1.08624 AT	(626625.00, 4176275.00, 139.70, 0.00)	DC	NA
GT	1ST HIGHEST VALUE IS	0.21429 AT	(619000.00, 4180000.00, 292.60, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.20359 AT	(620500.00, 4178500.00, 243.70, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.19556 AT	(620500.00, 4180500.00, 241.70, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.18431 AT	(618000.00, 4181000.00, 294.20, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.18242 AT	(618000.00, 4180000.00, 276.10, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.17156 AT	(621247.00, 4176274.00, 279.10, 0.00)	GC	1
	7TH HIGHEST VALUE IS	0.17074 AT	(621197.00, 4176274.00, 281.80, 0.00)	GC	1
	8TH HIGHEST VALUE IS	0.16958 AT	(620000.00, 4179000.00, 232.80, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.16828 AT	(621297.00, 4176274.00, 271.30, 0.00)	GC	1
	10TH HIGHEST VALUE IS	0.16804 AT	(621247.00, 4176124.00, 286.20, 0.00)	GC	1
CT	1ST HIGHEST VALUE IS	1.05131 AT	(626625.00, 4176225.00, 135.80, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	1.04022 AT	(626600.00, 4176250.00, 135.40, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	1.03300 AT	(626625.00, 4176250.00, 138.50, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	1.01427 AT	(626650.00, 4176250.00, 140.90, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	1.00152 AT	(626650.00, 4176225.00, 138.00, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.98120 AT	(626675.00, 4176250.00, 142.20, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.96338 AT	(626675.00, 4176225.00, 140.10, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.94458 AT	(626650.00, 4176275.00, 141.70, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.93499 AT	(626625.00, 4176275.00, 139.70, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.93495 AT	(626375.00, 4176200.00, 128.40, 0.00)	DC	NA

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
EMGEN	1ST HIGHEST VALUE IS	0.01089 AT	(626327.69, 4176064.00, 115.80, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.01054 AT	(626345.31, 4176049.25, 115.40, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.01047 AT	(626325.00, 4176075.00, 116.30, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.01040 AT	(626310.00, 4176079.00, 117.00, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.01032 AT	(626350.00, 4176050.00, 115.20, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.00979 AT	(626350.00, 4176075.00, 115.60, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.00931 AT	(626362.88, 4176034.50, 114.80, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.00927 AT	(626375.00, 4176050.00, 114.60, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.00911 AT	(626375.00, 4176075.00, 115.40, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.00851 AT	(626475.00, 4176075.00, 121.00, 0.00)	DC	NA
FW	1ST HIGHEST VALUE IS	0.00292 AT	(626415.69, 4175990.00, 115.70, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.00281 AT	(626433.38, 4175975.00, 115.80, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.00253 AT	(626425.00, 4176000.00, 113.40, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.00253 AT	(626450.00, 4175975.00, 114.40, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.00253 AT	(626398.12, 4176004.75, 114.80, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.00251 AT	(626451.00, 4175960.25, 117.00, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.00238 AT	(626450.00, 4176000.00, 113.90, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.00231 AT	(626500.00, 4176025.00, 120.00, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.00228 AT	(626525.00, 4176000.00, 120.80, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.00223 AT	(626550.00, 4176025.00, 131.40, 0.00)	DC	NA
TESLA	1ST HIGHEST VALUE IS	1.09528 AT	(626625.00, 4176225.00, 135.80, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	1.08125 AT	(626625.00, 4176250.00, 138.50, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	1.07945 AT	(626650.00, 4176250.00, 140.90, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	1.07322 AT	(626600.00, 4176250.00, 135.40, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	1.06015 AT	(626675.00, 4176250.00, 142.20, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	1.05899 AT	(626650.00, 4176225.00, 138.00, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	1.03640 AT	(626675.00, 4176225.00, 140.10, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	1.00455 AT	(626650.00, 4176275.00, 141.70, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.99009 AT	(626675.00, 4176275.00, 141.90, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.98056 AT	(626650.00, 4176200.00, 135.00, 0.00)	DC	NA

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

PM10_PSD_98_cumulativeAN_PMAN.USF
** CONC OF PMAN IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
OTHER	1ST HIGHEST VALUE IS	0.34168 AT	(629000.00, 4186000.00, 0.00, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.33174 AT	(630000.00, 4186000.00, 0.00, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.31248 AT	(627000.00, 4185000.00, 7.00, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.27968 AT	(631000.00, 4186000.00, 0.00, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.23224 AT	(632000.00, 4186000.00, 0.00, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.22155 AT	(628000.00, 4185000.00, 2.10, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.19556 AT	(633000.00, 4186000.00, 0.00, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.19529 AT	(626000.00, 4183000.00, 24.30, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.17515 AT	(628000.00, 4186000.00, 0.00, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.17136 AT	(629000.00, 4185000.00, 0.00, 0.00)	DC	NA

```
*** ISCST3 - VERSION 02035 ***
*** FPL Tesla                                                                    ***
*** Model Executed on 09/26/06 at 14:03:00 ***
 Input File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\99\Cumulative Impacts\PM10_PSD_99_cumulative24_PM24.DTA

Output File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\99\Cumulative Impacts\PM10_PSD_99_cumulative24_PM24.LST

   Met File - D:\AIR\NATALIEY\TELSA\MET\tracy99.asc

      Number of sources -          32
Number of source groups -           7
    Number of receptors -        3114
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GT1	0	0.16060E+01	625968.8	4176031.0	118.3	60.96	358.71	16.81	5.79	YES	
GT2	0	0.16060E+01	626011.3	4176031.0	117.1	60.96	358.71	16.81	5.79	YES	
GT3	0	0.16060E+01	626095.8	4176031.0	116.2	60.96	358.71	16.81	5.79	YES	
GT4	0	0.16060E+01	626138.2	4176031.0	116.1	60.96	358.71	16.81	5.79	YES	
CT1	0	0.25480E-01	625945.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT2	0	0.25480E-01	625959.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT3	0	0.25480E-01	625973.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT4	0	0.25480E-01	625987.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT5	0	0.25480E-01	626001.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT6	0	0.25480E-01	626015.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT7	0	0.25480E-01	626029.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT8	0	0.25480E-01	626043.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT9	0	0.25480E-01	626057.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT10	0	0.25480E-01	626071.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT11	0	0.25480E-01	626085.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT12	0	0.25480E-01	626103.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT13	0	0.25480E-01	626117.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT14	0	0.25480E-01	626131.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT15	0	0.25480E-01	626145.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT16	0	0.25480E-01	626159.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT17	0	0.25480E-01	626173.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT18	0	0.25480E-01	626187.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT19	0	0.25480E-01	626201.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT20	0	0.25480E-01	626215.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT21	0	0.25480E-01	626229.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT22	0	0.25480E-01	626243.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
EMGEN	0	0.22838E-02	626066.9	4175976.2	118.9	1.94	787.04	95.37	0.20	YES	
FWPUMP	0	0.34130E-03	626217.2	4175917.0	116.1	3.00	622.00	75.00	0.13	YES	
UNKGT	0	0.24066E+01	633100.0	4174603.0	54.0	30.48	727.59	36.58	5.18	NO	
EALTGT	0	0.57708E+01	625550.0	4184800.0	15.0	53.34	334.26	16.86	5.64	NO	
EALTBLR	0	0.33390E+00	625550.0	4184800.0	15.0	30.48	435.93	5.22	2.16	NO	
EALTCT	0	0.30240E+00	625550.0	4184800.0	15.0	13.72	294.26	10.00	10.27	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GT1 , GT2 , GT3 , GT4 , CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 ,
	CT9 , CT10 , CT11 , CT12 , CT13 , CT14 , CT15 , CT16 , CT17 , CT18 , CT19 , CT20 ,
	CT21 , CT22 , EMGEN , FWPUMP , UNKGT , EALTGT , EALTBLR , EALTCT ,
GT	GT1 , GT2 , GT3 , GT4 ,
CT	CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 , CT9 , CT10 , CT11 , CT12 ,
	CT13 , CT14 , CT15 , CT16 , CT17 , CT18 , CT19 , CT20 , CT21 , CT22 ,
EMGEN	EMGEN ,
FW	FWPUMP ,
TESLA	GT1 , GT2 , GT3 , GT4 , CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 ,
	CT9 , CT10 , CT11 , CT12 , CT13 , CT14 , CT15 , CT16 , CT17 , CT18 , CT19 , CT20 ,
	CT21 , CT22 , EMGEN , FWPUMP ,

OTHER UNKGT , EALTGT , EALTBLR , EALTCT ,

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM24 IN MICROGRAMS/M**3 **

NETWORK GROUP ID			AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)				OF TYPE	GRID-ID
ALL	HIGH	1ST HIGH VALUE IS	8.55418c	ON 99080424: AT (	626375.00,	4176175.00,	124.90,	0.00)	DC	NA
	HIGH	2ND HIGH VALUE IS	8.31069	ON 99070224: AT (	626375.00,	4176175.00,	124.90,	0.00)	DC	NA
GT	HIGH	1ST HIGH VALUE IS	4.06140c	ON 99112724: AT (	625000.00,	4172500.00,	254.50,	0.00)	DC	NA
	HIGH	2ND HIGH VALUE IS	3.01843c	ON 99011624: AT (	621247.00,	4176024.00,	290.20,	0.00)	GC	1
CT	HIGH	1ST HIGH VALUE IS	8.49573c	ON 99080424: AT (	626375.00,	4176175.00,	124.90,	0.00)	DC	NA
	HIGH	2ND HIGH VALUE IS	8.26588	ON 99070224: AT (	626375.00,	4176175.00,	124.90,	0.00)	DC	NA
EMGEN	HIGH	1ST HIGH VALUE IS	0.53772c	ON 99012224: AT (	625946.62,	4176128.75,	120.90,	0.00)	DC	NA
	HIGH	2ND HIGH VALUE IS	0.28946c	ON 99011924: AT (	625916.62,	4176111.00,	121.10,	0.00)	DC	NA
FW	HIGH	1ST HIGH VALUE IS	0.06865c	ON 99121624: AT (	626468.62,	4175945.50,	117.90,	0.00)	DC	NA
	HIGH	2ND HIGH VALUE IS	0.04347c	ON 99120424: AT (	626380.50,	4176019.50,	115.10,	0.00)	DC	NA
TESLA	HIGH	1ST HIGH VALUE IS	8.55418c	ON 99080424: AT (	626375.00,	4176175.00,	124.90,	0.00)	DC	NA
	HIGH	2ND HIGH VALUE IS	8.31069	ON 99070224: AT (	626375.00,	4176175.00,	124.90,	0.00)	DC	NA
OTHER	HIGH	1ST HIGH VALUE IS	2.96409c	ON 99112724: AT (	624000.00,	4179000.00,	139.90,	0.00)	DC	NA
	HIGH	2ND HIGH VALUE IS	1.97602c	ON 99100324: AT (	620000.00,	4184000.00,	145.40,	0.00)	DC	NA

```
*** ISCST3 - VERSION 02035 ***
*** FPL Tesla                                                                    ***
*** Model Executed on 09/14/06 at 16:06:36 ***
 Input File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\99\Cumulative Impacts\PM10_PSD_99_cumulativeAN_PMAN.DTA

Output File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\99\Cumulative Impacts\PM10_PSD_99_cumulativeAN_PMAN.LST

   Met File - D:\AIR\NATALIEY\TELSA\MET\tracy99.asc

      Number of sources -          32
Number of source groups -           7
    Number of receptors -        3114
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GT1	0	0.13660E+01	625968.8	4176031.0	118.3	60.96	358.71	16.81	5.79	YES	
GT2	0	0.13660E+01	626011.3	4176031.0	117.1	60.96	358.71	16.81	5.79	YES	
GT3	0	0.13660E+01	626095.8	4176031.0	116.2	60.96	358.71	16.81	5.79	YES	
GT4	0	0.13660E+01	626138.2	4176031.0	116.1	60.96	358.71	16.81	5.79	YES	
CT1	0	0.25480E-01	625945.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT2	0	0.25480E-01	625959.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT3	0	0.25480E-01	625973.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT4	0	0.25480E-01	625987.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT5	0	0.25480E-01	626001.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT6	0	0.25480E-01	626015.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT7	0	0.25480E-01	626029.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT8	0	0.25480E-01	626043.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT9	0	0.25480E-01	626057.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT10	0	0.25480E-01	626071.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT11	0	0.25480E-01	626085.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT12	0	0.25480E-01	626103.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT13	0	0.25480E-01	626117.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT14	0	0.25480E-01	626131.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT15	0	0.25480E-01	626145.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT16	0	0.25480E-01	626159.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT17	0	0.25480E-01	626173.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT18	0	0.25480E-01	626187.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT19	0	0.25480E-01	626201.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT20	0	0.25480E-01	626215.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT21	0	0.25480E-01	626229.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT22	0	0.25480E-01	626243.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
EMGEN	0	0.62622E-03	626066.9	4175976.2	118.9	1.94	787.04	95.37	0.20	YES	
FWPUMP	0	0.93492E-04	626217.2	4175917.0	116.1	3.00	622.00	75.00	0.13	YES	
UNKGT	0	0.24066E+01	633100.0	4174603.0	54.0	30.48	727.59	36.58	5.18	NO	
EALTGT	0	0.57708E+01	625550.0	4184800.0	15.0	53.34	334.26	16.86	5.64	NO	
EALTBLR	0	0.33390E+00	625550.0	4184800.0	15.0	30.48	435.93	5.22	2.16	NO	
EALTCT	0	0.30240E+00	625550.0	4184800.0	15.0	13.72	294.26	10.00	10.27	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GT1 , GT2 , GT3 , GT4 , CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 ,
	CT9 , CT10 , CT11 , CT12 , CT13 , CT14 , CT15 , CT16 , CT17 , CT18 , CT19 , CT20 ,
	CT21 , CT22 , EMGEN , FWPUMP , UNKGT , EALTGT , EALTBLR , EALTCT ,
GT	GT1 , GT2 , GT3 , GT4 ,
CT	CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 , CT9 , CT10 , CT11 , CT12 ,
	CT13 , CT14 , CT15 , CT16 , CT17 , CT18 , CT19 , CT20 , CT21 , CT22 ,
EMGEN	EMGEN ,
FW	FWPUMP ,
TESLA	GT1 , GT2 , GT3 , GT4 , CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 ,
	CT9 , CT10 , CT11 , CT12 , CT13 , CT14 , CT15 , CT16 , CT17 , CT18 , CT19 , CT20 ,
	CT21 , CT22 , EMGEN , FWPUMP ,

OTHER UNKGT , EALTGT , EALTBLR , EALTCT ,

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	1.48679 AT	(626600.00, 4176250.00, 135.40, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	1.47947 AT	(626625.00, 4176250.00, 138.50, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	1.47158 AT	(626625.00, 4176225.00, 135.80, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	1.45598 AT	(626650.00, 4176250.00, 140.90, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	1.42447 AT	(626375.00, 4176175.00, 124.90, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	1.41386 AT	(626675.00, 4176250.00, 142.20, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	1.41102 AT	(626650.00, 4176225.00, 138.00, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	1.40617 AT	(626375.00, 4176200.00, 128.40, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	1.37758 AT	(626650.00, 4176275.00, 141.70, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	1.36831 AT	(626625.00, 4176275.00, 139.70, 0.00)	DC	NA
GT	1ST HIGHEST VALUE IS	0.13470 AT	(619000.00, 4180000.00, 292.60, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.13374 AT	(626800.00, 4176200.00, 143.40, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.13028 AT	(630000.00, 4172000.00, 264.80, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.12925 AT	(630000.00, 4172500.00, 246.50, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.12669 AT	(620500.00, 4178500.00, 243.70, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.12146 AT	(627000.00, 4171500.00, 370.60, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.12096 AT	(626700.00, 4176100.00, 146.70, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.11991 AT	(629000.00, 4171500.00, 265.80, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.11985 AT	(627000.00, 4172000.00, 245.90, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.11960 AT	(626500.00, 4172000.00, 248.40, 0.00)	DC	NA
CT	1ST HIGHEST VALUE IS	1.34252 AT	(626600.00, 4176250.00, 135.40, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	1.32545 AT	(626375.00, 4176175.00, 124.90, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	1.31418 AT	(626625.00, 4176225.00, 135.80, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	1.31319 AT	(626625.00, 4176250.00, 138.50, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	1.30646 AT	(626375.00, 4176200.00, 128.40, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	1.26682 AT	(626650.00, 4176250.00, 140.90, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	1.23659 AT	(626650.00, 4176225.00, 138.00, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	1.20639 AT	(626675.00, 4176250.00, 142.20, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	1.20458 AT	(626625.00, 4176275.00, 139.70, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	1.19341 AT	(626400.00, 4176175.00, 124.10, 0.00)	DC	NA

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
EMGEN	1ST HIGHEST VALUE IS	0.01121 AT	(626327.69, 4176064.00, 115.80, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.01078 AT	(626325.00, 4176075.00, 116.30, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.01076 AT	(626310.00, 4176079.00, 117.00, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.01064 AT	(626345.31, 4176049.25, 115.40, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.01041 AT	(626350.00, 4176050.00, 115.20, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.01009 AT	(626350.00, 4176075.00, 115.60, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.00955 AT	(626292.38, 4176093.75, 116.80, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.00939 AT	(626375.00, 4176075.00, 115.40, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.00936 AT	(626362.88, 4176034.50, 114.80, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.00930 AT	(626375.00, 4176050.00, 114.60, 0.00)	DC	NA
FW	1ST HIGHEST VALUE IS	0.00301 AT	(626415.69, 4175990.00, 115.70, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.00287 AT	(626433.38, 4175975.00, 115.80, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.00276 AT	(626398.12, 4176004.75, 114.80, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.00262 AT	(626425.00, 4176000.00, 113.40, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.00257 AT	(626450.00, 4175975.00, 114.40, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.00255 AT	(626451.00, 4175960.25, 117.00, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.00246 AT	(626450.00, 4176000.00, 113.90, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.00237 AT	(626500.00, 4176025.00, 120.00, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.00236 AT	(626380.50, 4176019.50, 115.10, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.00232 AT	(626525.00, 4176000.00, 120.80, 0.00)	DC	NA
TESLA	1ST HIGHEST VALUE IS	1.39330 AT	(626600.00, 4176250.00, 135.40, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	1.38530 AT	(626625.00, 4176250.00, 138.50, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	1.37828 AT	(626625.00, 4176225.00, 135.80, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	1.36217 AT	(626650.00, 4176250.00, 140.90, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	1.33610 AT	(626375.00, 4176175.00, 124.90, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	1.31969 AT	(626675.00, 4176250.00, 142.20, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	1.31815 AT	(626650.00, 4176225.00, 138.00, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	1.31680 AT	(626375.00, 4176200.00, 128.40, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	1.28330 AT	(626650.00, 4176275.00, 141.70, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	1.27386 AT	(626675.00, 4176225.00, 140.10, 0.00)	DC	NA

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

PM10_PSD_99_cumulativeAN_PMAN.USF
** CONC OF PMAN IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
OTHER	1ST HIGHEST VALUE IS	0.37354 AT	(629000.00, 4186000.00, 0.00, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.35500 AT	(627000.00, 4185000.00, 7.00, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.35104 AT	(630000.00, 4186000.00, 0.00, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.29560 AT	(631000.00, 4186000.00, 0.00, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.25344 AT	(628000.00, 4185000.00, 2.10, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.24847 AT	(632000.00, 4186000.00, 0.00, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.20993 AT	(633000.00, 4186000.00, 0.00, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.20509 AT	(626000.00, 4185000.00, 9.10, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.19596 AT	(629000.00, 4185000.00, 0.00, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.19429 AT	(626000.00, 4183000.00, 24.30, 0.00)	DC	NA

Appendix D

Appendix D.1

Impact Area Determination- ISCST3 Output File Excerpts[1]

File Name	Description
PM10_Impact_97_PM24	1997 (nested grid)
PM10_Impact_97_fine grid_97_PM24	1997 (fine grid)
PM10_Impact_1998_PM24	1998 (nested grid)
PM10_Impact_1999_PM24	1999 (nested grid)

[1] Complete modeling files are provided on CD in Appendix F

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*** ISCST3 - VERSION 02035 ***
*** FPL Tesla                                                                    ***
*** Model Executed on 09/26/06 at 12:59:43 ***
 Input File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\Impact Area\PM10_Impact_97_PM24.DTA

Output File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\Impact Area\PM10_Impact_97_PM24.LST

   Met File - D:\AIR\NATALIEY\TELSA\MET\tracy97.asc

      Number of sources -         28
Number of source groups -          6
    Number of receptors -      33928
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GT1	0	0.16060E+01	625968.8	4176031.0	118.3	60.96	358.71	16.81	5.79	YES	
GT2	0	0.16060E+01	626011.3	4176031.0	117.1	60.96	358.71	16.81	5.79	YES	
GT3	0	0.16060E+01	626095.8	4176031.0	116.2	60.96	358.71	16.81	5.79	YES	
GT4	0	0.16060E+01	626138.2	4176031.0	116.1	60.96	358.71	16.81	5.79	YES	
CT1	0	0.25480E-01	625945.0	4176094.0	120.2	16.92	307.04	6.51	9.14	YES	
CT2	0	0.25480E-01	625959.0	4176094.0	119.8	16.92	307.04	6.51	9.14	YES	
CT3	0	0.25480E-01	625973.0	4176094.0	119.3	16.92	307.04	6.51	9.14	YES	
CT4	0	0.25480E-01	625987.0	4176094.0	118.8	16.92	307.04	6.51	9.14	YES	
CT5	0	0.25480E-01	626001.0	4176094.0	118.4	16.92	307.04	6.51	9.14	YES	
CT6	0	0.25480E-01	626015.0	4176094.0	118.1	16.92	307.04	6.51	9.14	YES	
CT7	0	0.25480E-01	626029.0	4176094.0	118.1	16.92	307.04	6.51	9.14	YES	
CT8	0	0.25480E-01	626043.0	4176094.0	118.1	16.92	307.04	6.51	9.14	YES	
CT9	0	0.25480E-01	626057.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT10	0	0.25480E-01	626071.0	4176094.0	117.9	16.92	307.04	6.51	9.14	YES	
CT11	0	0.25480E-01	626085.0	4176094.0	117.6	16.92	307.04	6.51	9.14	YES	
CT12	0	0.25480E-01	626103.0	4176094.0	117.2	16.92	307.04	6.51	9.14	YES	
CT13	0	0.25480E-01	626117.0	4176094.0	117.1	16.92	307.04	6.51	9.14	YES	
CT14	0	0.25480E-01	626131.0	4176094.0	117.0	16.92	307.04	6.51	9.14	YES	
CT15	0	0.25480E-01	626145.0	4176094.0	116.6	16.92	307.04	6.51	9.14	YES	
CT16	0	0.25480E-01	626159.0	4176094.0	116.3	16.92	307.04	6.51	9.14	YES	
CT17	0	0.25480E-01	626173.0	4176094.0	116.3	16.92	307.04	6.51	9.14	YES	
CT18	0	0.25480E-01	626187.0	4176094.0	116.3	16.92	307.04	6.51	9.14	YES	
CT19	0	0.25480E-01	626201.0	4176094.0	116.2	16.92	307.04	6.51	9.14	YES	
CT20	0	0.25480E-01	626215.0	4176094.0	116.1	16.92	307.04	6.51	9.14	YES	
CT21	0	0.25480E-01	626229.0	4176094.0	116.1	16.92	307.04	6.51	9.14	YES	
CT22	0	0.25480E-01	626243.0	4176094.0	116.1	16.92	307.04	6.51	9.14	YES	
EMGEN	0	0.22838E-02	626066.9	4175976.2	118.9	1.94	787.04	95.37	0.20	YES	
FWPUMP	0	0.34130E-03	626217.2	4175917.0	116.1	3.00	622.00	75.00	0.13	YES	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GT1 , GT2 , GT3 , GT4 , CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 ,
	CT9 , CT10 , CT11 , CT12 , CT13 , CT14 , CT15 , CT16 , CT17 , CT18 , CT19 , CT20 ,
	CT21 , CT22 , EMGEN , FWPUMP ,
GT	GT1 , GT2 , GT3 , GT4 ,
CT	CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 , CT9 , CT10 , CT11 , CT12 ,
	CT13 , CT14 , CT15 , CT16 , CT17 , CT18 , CT19 , CT20 , CT21 , CT22 ,
EMGEN	EMGEN ,
FW	FWPUMP ,
TESLA	GT1 , GT2 , GT3 , GT4 , CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 ,
	CT9 , CT10 , CT11 , CT12 , CT13 , CT14 , CT15 , CT16 , CT17 , CT18 , CT19 , CT20 ,
	CT21 , CT22 , EMGEN , FWPUMP ,

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM24 IN MICROGRAMS/M**3 **

NETWORK GROUP ID GRID-ID			AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)				OF TYPE
ALL NA	HIGH	1ST HIGH VALUE IS	9.38579	ON 97051924: AT (	626421.38,	4176168.00,	122.50,	0.00)	DC
	HIGH	2ND HIGH VALUE IS	9.08494	ON 97070924: AT (	626421.38,	4176168.00,	122.50,	0.00)	DC
NA GT NA	HIGH	1ST HIGH VALUE IS	4.71096c	ON 97011924: AT (	622221.38,	4176368.00,	240.60,	0.00)	DC
	HIGH	2ND HIGH VALUE IS	4.34291c	ON 97011724: AT (	621221.38,	4176168.00,	293.20,	0.00)	DC
NA CT NA	HIGH	1ST HIGH VALUE IS	9.33180	ON 97051924: AT (	626421.38,	4176168.00,	122.50,	0.00)	DC
	HIGH	2ND HIGH VALUE IS	8.98412	ON 97070924: AT (	626421.38,	4176168.00,	122.50,	0.00)	DC
NA EMGEN NA	HIGH	1ST HIGH VALUE IS	0.29729c	ON 97011924: AT (	625808.31,	4175993.00,	125.20,	0.00)	DC
	HIGH	2ND HIGH VALUE IS	0.25361	ON 97012224: AT (	625906.12,	4176102.75,	121.40,	0.00)	DC
NA FW NA	HIGH	1ST HIGH VALUE IS	0.07029c	ON 97010824: AT (	626398.12,	4176004.75,	117.20,	0.00)	DC
	HIGH	2ND HIGH VALUE IS	0.03901c	ON 97110324: AT (	626362.88,	4176034.50,	116.30,	0.00)	DC
NA TESLA NA	HIGH	1ST HIGH VALUE IS	9.38579	ON 97051924: AT (	626421.38,	4176168.00,	122.50,	0.00)	DC
	HIGH	2ND HIGH VALUE IS	9.08494	ON 97070924: AT (	626421.38,	4176168.00,	122.50,	0.00)	DC
NA									

PM10_Impact_fine grid_97_PM24.USF

*** ISCST3 - VERSION 02035 ***
*** FPL Tesla ***
*** Model Executed on 09/26/06 at 14:10:41 ***
Input File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\Impact Area\PM10_Impact_fine grid_97_PM24.DTA

Output File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\Impact Area\PM10_Impact_fine grid_97_PM24.LST

Met File - D:\AIR\NATALIEY\TELSA\MET\tracy97.asc

Number of sources - 28
Number of source groups - 6
Number of receptors - 1341

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GT1	0	0.16060E+01	625968.8	4176031.0	118.3	60.96	358.71	16.81	5.79	YES	
GT2	0	0.16060E+01	626011.3	4176031.0	117.1	60.96	358.71	16.81	5.79	YES	
GT3	0	0.16060E+01	626095.8	4176031.0	116.2	60.96	358.71	16.81	5.79	YES	
GT4	0	0.16060E+01	626138.2	4176031.0	116.1	60.96	358.71	16.81	5.79	YES	
CT1	0	0.25480E-01	625945.0	4176094.0	120.2	16.92	307.04	6.51	9.14	YES	
CT2	0	0.25480E-01	625959.0	4176094.0	119.8	16.92	307.04	6.51	9.14	YES	
CT3	0	0.25480E-01	625973.0	4176094.0	119.3	16.92	307.04	6.51	9.14	YES	
CT4	0	0.25480E-01	625987.0	4176094.0	118.8	16.92	307.04	6.51	9.14	YES	
CT5	0	0.25480E-01	626001.0	4176094.0	118.4	16.92	307.04	6.51	9.14	YES	
CT6	0	0.25480E-01	626015.0	4176094.0	118.1	16.92	307.04	6.51	9.14	YES	
CT7	0	0.25480E-01	626029.0	4176094.0	118.1	16.92	307.04	6.51	9.14	YES	
CT8	0	0.25480E-01	626043.0	4176094.0	118.1	16.92	307.04	6.51	9.14	YES	
CT9	0	0.25480E-01	626057.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT10	0	0.25480E-01	626071.0	4176094.0	117.9	16.92	307.04	6.51	9.14	YES	
CT11	0	0.25480E-01	626085.0	4176094.0	117.6	16.92	307.04	6.51	9.14	YES	
CT12	0	0.25480E-01	626103.0	4176094.0	117.2	16.92	307.04	6.51	9.14	YES	
CT13	0	0.25480E-01	626117.0	4176094.0	117.1	16.92	307.04	6.51	9.14	YES	
CT14	0	0.25480E-01	626131.0	4176094.0	117.0	16.92	307.04	6.51	9.14	YES	
CT15	0	0.25480E-01	626145.0	4176094.0	116.6	16.92	307.04	6.51	9.14	YES	
CT16	0	0.25480E-01	626159.0	4176094.0	116.3	16.92	307.04	6.51	9.14	YES	
CT17	0	0.25480E-01	626173.0	4176094.0	116.3	16.92	307.04	6.51	9.14	YES	
CT18	0	0.25480E-01	626187.0	4176094.0	116.3	16.92	307.04	6.51	9.14	YES	
CT19	0	0.25480E-01	626201.0	4176094.0	116.2	16.92	307.04	6.51	9.14	YES	
CT20	0	0.25480E-01	626215.0	4176094.0	116.1	16.92	307.04	6.51	9.14	YES	
CT21	0	0.25480E-01	626229.0	4176094.0	116.1	16.92	307.04	6.51	9.14	YES	
CT22	0	0.25480E-01	626243.0	4176094.0	116.1	16.92	307.04	6.51	9.14	YES	
EMGEN	0	0.22838E-02	626066.9	4175976.2	118.9	1.94	787.04	95.37	0.20	YES	
FWPUMP	0	0.34130E-03	626217.2	4175917.0	116.1	3.00	622.00	75.00	0.13	YES	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GT1 , GT2 , GT3 , GT4 , CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 , CT9 , CT10 , CT11 , CT12 , CT13 , CT14 , CT15 , CT16 , CT17 , CT18 , CT19 , CT20 , CT21 , CT22 , EMGEN , FWPUMP ,
GT	GT1 , GT2 , GT3 , GT4 ,
CT	CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 , CT9 , CT10 , CT11 , CT12 , CT13 , CT14 , CT15 , CT16 , CT17 , CT18 , CT19 , CT20 , CT21 , CT22 ,
EMGEN	EMGEN ,
FW	FWPUMP ,
TESLA	GT1 , GT2 , GT3 , GT4 , CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 , CT9 , CT10 , CT11 , CT12 , CT13 , CT14 , CT15 , CT16 , CT17 , CT18 , CT19 , CT20 , CT21 , CT22 , EMGEN , FWPUMP ,

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

PM10_Impact_fine grid_97_PM24.USF

** CONC OF PM24 IN MICROGRAMS/M**3 **

NETWORK GROUP ID GRID-ID			AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)				OF TYPE
ALL NA	HIGH	1ST HIGH VALUE IS	5.69286c	ON 97011924: AT (	622021.00,	4176088.00,	249.80,	0.00)	DC
GRID_1	HIGH	2ND HIGH VALUE IS	5.06438c	ON 97011724: AT (	621247.12,	4176073.75,	288.50,	0.00)	GC
GT NA	HIGH	1ST HIGH VALUE IS	4.66064c	ON 97011924: AT (	622021.00,	4176068.00,	249.90,	0.00)	DC
GRID_1	HIGH	2ND HIGH VALUE IS	4.38583c	ON 97011724: AT (	621247.12,	4176023.75,	290.10,	0.00)	GC
CT NA	HIGH	1ST HIGH VALUE IS	1.09003c	ON 97011924: AT (	622121.00,	4176108.00,	234.80,	0.00)	DC
NA	HIGH	2ND HIGH VALUE IS	0.96593c	ON 97011724: AT (	622121.00,	4176108.00,	234.80,	0.00)	DC
EMGEN GRID_1	HIGH	1ST HIGH VALUE IS	0.01329c	ON 97071424: AT (	621897.12,	4176773.75,	154.40,	0.00)	GC
GRID_1	HIGH	2ND HIGH VALUE IS	0.01200c	ON 97011724: AT (	621897.12,	4176773.75,	154.40,	0.00)	GC
FW GRID_1	HIGH	1ST HIGH VALUE IS	0.00098c	ON 97011924: AT (	621897.12,	4176423.75,	195.80,	0.00)	GC
GRID_1	HIGH	2ND HIGH VALUE IS	0.00092c	ON 97011724: AT (	621897.12,	4176773.75,	154.40,	0.00)	GC
TESLA NA	HIGH	1ST HIGH VALUE IS	5.69286c	ON 97011924: AT (	622021.00,	4176088.00,	249.80,	0.00)	DC
GRID_1	HIGH	2ND HIGH VALUE IS	5.06438c	ON 97011724: AT (	621247.12,	4176073.75,	288.50,	0.00)	GC

```
*** ISCST3 - VERSION 02035 ***
*** FPL Tesla                                                                    ***
*** Model Executed on 09/26/06 at 12:57:53 ***
 Input File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\Impact Area\1998\PM10_Impact_1998_PM24.DTA

Output File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\Impact Area\1998\PM10_Impact_1998_PM24.LST

   Met File - D:\AIR\NATALIEY\TELSA\MET\tracy98.asc

      Number of sources -         28
Number of source groups -          6
    Number of receptors -      33928
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GT1	0	0.16060E+01	625968.8	4176031.0	118.3	60.96	358.71	16.81	5.79	YES	
GT2	0	0.16060E+01	626011.3	4176031.0	117.1	60.96	358.71	16.81	5.79	YES	
GT3	0	0.16060E+01	626095.8	4176031.0	116.2	60.96	358.71	16.81	5.79	YES	
GT4	0	0.16060E+01	626138.2	4176031.0	116.1	60.96	358.71	16.81	5.79	YES	
CT1	0	0.25480E-01	625945.0	4176094.0	120.2	16.92	307.04	6.51	9.14	YES	
CT2	0	0.25480E-01	625959.0	4176094.0	119.8	16.92	307.04	6.51	9.14	YES	
CT3	0	0.25480E-01	625973.0	4176094.0	119.3	16.92	307.04	6.51	9.14	YES	
CT4	0	0.25480E-01	625987.0	4176094.0	118.8	16.92	307.04	6.51	9.14	YES	
CT5	0	0.25480E-01	626001.0	4176094.0	118.4	16.92	307.04	6.51	9.14	YES	
CT6	0	0.25480E-01	626015.0	4176094.0	118.1	16.92	307.04	6.51	9.14	YES	
CT7	0	0.25480E-01	626029.0	4176094.0	118.1	16.92	307.04	6.51	9.14	YES	
CT8	0	0.25480E-01	626043.0	4176094.0	118.1	16.92	307.04	6.51	9.14	YES	
CT9	0	0.25480E-01	626057.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT10	0	0.25480E-01	626071.0	4176094.0	117.9	16.92	307.04	6.51	9.14	YES	
CT11	0	0.25480E-01	626085.0	4176094.0	117.6	16.92	307.04	6.51	9.14	YES	
CT12	0	0.25480E-01	626103.0	4176094.0	117.2	16.92	307.04	6.51	9.14	YES	
CT13	0	0.25480E-01	626117.0	4176094.0	117.1	16.92	307.04	6.51	9.14	YES	
CT14	0	0.25480E-01	626131.0	4176094.0	117.0	16.92	307.04	6.51	9.14	YES	
CT15	0	0.25480E-01	626145.0	4176094.0	116.6	16.92	307.04	6.51	9.14	YES	
CT16	0	0.25480E-01	626159.0	4176094.0	116.3	16.92	307.04	6.51	9.14	YES	
CT17	0	0.25480E-01	626173.0	4176094.0	116.3	16.92	307.04	6.51	9.14	YES	
CT18	0	0.25480E-01	626187.0	4176094.0	116.3	16.92	307.04	6.51	9.14	YES	
CT19	0	0.25480E-01	626201.0	4176094.0	116.2	16.92	307.04	6.51	9.14	YES	
CT20	0	0.25480E-01	626215.0	4176094.0	116.1	16.92	307.04	6.51	9.14	YES	
CT21	0	0.25480E-01	626229.0	4176094.0	116.1	16.92	307.04	6.51	9.14	YES	
CT22	0	0.25480E-01	626243.0	4176094.0	116.1	16.92	307.04	6.51	9.14	YES	
EMGEN	0	0.22838E-02	626066.9	4175976.2	118.9	1.94	787.04	95.37	0.20	YES	
FWPUMP	0	0.34130E-03	626217.2	4175917.0	116.1	3.00	622.00	75.00	0.13	YES	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GT1 , GT2 , GT3 , GT4 , CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 , CT9 , CT10 , CT11 , CT12 , CT13 , CT14 , CT15 , CT16 , CT17 , CT18 , CT19 , CT20 , CT21 , CT22 , EMGEN , FWPUMP ,
GT	GT1 , GT2 , GT3 , GT4 ,
CT	CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 , CT9 , CT10 , CT11 , CT12 , CT13 , CT14 , CT15 , CT16 , CT17 , CT18 , CT19 , CT20 , CT21 , CT22 ,
EMGEN	EMGEN ,
FW	FWPUMP ,
TESLA	GT1 , GT2 , GT3 , GT4 , CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 , CT9 , CT10 , CT11 , CT12 , CT13 , CT14 , CT15 , CT16 , CT17 , CT18 , CT19 , CT20 , CT21 , CT22 , EMGEN , FWPUMP ,

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

PM10_Impact_1998_PM24.USF

** CONC OF PM24 IN MICROGRAMS/M**3 **

NETWORK GROUP ID GRID-ID			AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)				OF TYPE
ALL NA	HIGH	1ST HIGH VALUE IS	7.83142	ON 98081424: AT (	626621.38,	4176168.00,	132.50,	0.00)	DC
NA	HIGH	2ND HIGH VALUE IS	6.76558	ON 98081724: AT (	626421.38,	4176168.00,	122.50,	0.00)	DC
GT NA	HIGH	1ST HIGH VALUE IS	4.00305c	ON 98012524: AT (	620321.38,	4177268.00,	279.40,	0.00)	DC
NA	HIGH	2ND HIGH VALUE IS	3.48627	ON 98112924: AT (	619421.38,	4179468.00,	276.80,	0.00)	DC
CT NA	HIGH	1ST HIGH VALUE IS	7.75729	ON 98081424: AT (	626621.38,	4176168.00,	132.50,	0.00)	DC
NA	HIGH	2ND HIGH VALUE IS	6.71097	ON 98081724: AT (	626421.38,	4176168.00,	122.50,	0.00)	DC
EMGEN NA	HIGH	1ST HIGH VALUE IS	0.35273c	ON 98031224: AT (	626149.62,	4176177.50,	118.80,	0.00)	DC
NA	HIGH	2ND HIGH VALUE IS	0.29102	ON 98050124: AT (	625916.62,	4176111.00,	121.10,	0.00)	DC
FW NA	HIGH	1ST HIGH VALUE IS	0.07578c	ON 98031224: AT (	626292.38,	4176093.75,	116.20,	0.00)	DC
NA	HIGH	2ND HIGH VALUE IS	0.04511c	ON 98101824: AT (	626415.69,	4175990.00,	117.80,	0.00)	DC
TESLA NA	HIGH	1ST HIGH VALUE IS	7.83142	ON 98081424: AT (	626621.38,	4176168.00,	132.50,	0.00)	DC
NA	HIGH	2ND HIGH VALUE IS	6.76558	ON 98081724: AT (	626421.38,	4176168.00,	122.50,	0.00)	DC

```
*** ISCST3 - VERSION 02035 ***
*** FPL Tesla                                                    ***
*** Model Executed on 09/26/06 at 12:58:59 ***
 Input File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\Impact Area\1999\PM10_Impact_1999_PM24.DTA

Output File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\Impact Area\1999\PM10_Impact_1999_PM24.LST

   Met File - D:\AIR\NATALIEY\TELSA\MET\tracy99.asc

      Number of sources -         28
Number of source groups -          6
    Number of receptors -      33928
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GT1	0	0.16060E+01	625968.8	4176031.0	118.3	60.96	358.71	16.81	5.79	YES	
GT2	0	0.16060E+01	626011.3	4176031.0	117.1	60.96	358.71	16.81	5.79	YES	
GT3	0	0.16060E+01	626095.8	4176031.0	116.2	60.96	358.71	16.81	5.79	YES	
GT4	0	0.16060E+01	626138.2	4176031.0	116.1	60.96	358.71	16.81	5.79	YES	
CT1	0	0.25480E-01	625945.0	4176094.0	120.2	16.92	307.04	6.51	9.14	YES	
CT2	0	0.25480E-01	625959.0	4176094.0	119.8	16.92	307.04	6.51	9.14	YES	
CT3	0	0.25480E-01	625973.0	4176094.0	119.3	16.92	307.04	6.51	9.14	YES	
CT4	0	0.25480E-01	625987.0	4176094.0	118.8	16.92	307.04	6.51	9.14	YES	
CT5	0	0.25480E-01	626001.0	4176094.0	118.4	16.92	307.04	6.51	9.14	YES	
CT6	0	0.25480E-01	626015.0	4176094.0	118.1	16.92	307.04	6.51	9.14	YES	
CT7	0	0.25480E-01	626029.0	4176094.0	118.1	16.92	307.04	6.51	9.14	YES	
CT8	0	0.25480E-01	626043.0	4176094.0	118.1	16.92	307.04	6.51	9.14	YES	
CT9	0	0.25480E-01	626057.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT10	0	0.25480E-01	626071.0	4176094.0	117.9	16.92	307.04	6.51	9.14	YES	
CT11	0	0.25480E-01	626085.0	4176094.0	117.6	16.92	307.04	6.51	9.14	YES	
CT12	0	0.25480E-01	626103.0	4176094.0	117.2	16.92	307.04	6.51	9.14	YES	
CT13	0	0.25480E-01	626117.0	4176094.0	117.1	16.92	307.04	6.51	9.14	YES	
CT14	0	0.25480E-01	626131.0	4176094.0	117.0	16.92	307.04	6.51	9.14	YES	
CT15	0	0.25480E-01	626145.0	4176094.0	116.6	16.92	307.04	6.51	9.14	YES	
CT16	0	0.25480E-01	626159.0	4176094.0	116.3	16.92	307.04	6.51	9.14	YES	
CT17	0	0.25480E-01	626173.0	4176094.0	116.3	16.92	307.04	6.51	9.14	YES	
CT18	0	0.25480E-01	626187.0	4176094.0	116.3	16.92	307.04	6.51	9.14	YES	
CT19	0	0.25480E-01	626201.0	4176094.0	116.2	16.92	307.04	6.51	9.14	YES	
CT20	0	0.25480E-01	626215.0	4176094.0	116.1	16.92	307.04	6.51	9.14	YES	
CT21	0	0.25480E-01	626229.0	4176094.0	116.1	16.92	307.04	6.51	9.14	YES	
CT22	0	0.25480E-01	626243.0	4176094.0	116.1	16.92	307.04	6.51	9.14	YES	
EMGEN	0	0.22838E-02	626066.9	4175976.2	118.9	1.94	787.04	95.37	0.20	YES	
FWPUMP	0	0.34130E-03	626217.2	4175917.0	116.1	3.00	622.00	75.00	0.13	YES	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GT1 , GT2 , GT3 , GT4 , CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 , CT9 , CT10 , CT11 , CT12 , CT13 , CT14 , CT15 , CT16 , CT17 , CT18 , CT19 , CT20 , CT21 , CT22 , EMGEN , FWPUMP ,
GT	GT1 , GT2 , GT3 , GT4 ,
CT	CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 , CT9 , CT10 , CT11 , CT12 , CT13 , CT14 , CT15 , CT16 , CT17 , CT18 , CT19 , CT20 , CT21 , CT22 ,
EMGEN	EMGEN ,
FW	FWPUMP ,
TESLA	GT1 , GT2 , GT3 , GT4 , CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 , CT9 , CT10 , CT11 , CT12 , CT13 , CT14 , CT15 , CT16 , CT17 , CT18 , CT19 , CT20 , CT21 , CT22 , EMGEN , FWPUMP ,

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM24 IN MICROGRAMS/M**3 **

NETWORK GROUP ID GRID-ID			AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)				OF TYPE
ALL NA	HIGH	1ST HIGH VALUE IS	7.83505	ON 99070224: AT (	626421.38,	4176168.00,	122.50,	0.00)	DC
NA	HIGH	2ND HIGH VALUE IS	6.72661c	ON 99080424: AT (	626421.38,	4176168.00,	122.50,	0.00)	DC
GT NA	HIGH	1ST HIGH VALUE IS	5.01936c	ON 99112724: AT (	625321.38,	4172668.00,	261.90,	0.00)	DC
NA	HIGH	2ND HIGH VALUE IS	3.59864c	ON 99112824: AT (	625421.38,	4172468.00,	286.90,	0.00)	DC
CT NA	HIGH	1ST HIGH VALUE IS	7.74876	ON 99070224: AT (	626421.38,	4176168.00,	122.50,	0.00)	DC
NA	HIGH	2ND HIGH VALUE IS	6.63921c	ON 99080424: AT (	626421.38,	4176168.00,	122.50,	0.00)	DC
EMGEN NA	HIGH	1ST HIGH VALUE IS	0.52989c	ON 99012224: AT (	625946.62,	4176128.75,	120.50,	0.00)	DC
NA	HIGH	2ND HIGH VALUE IS	0.28946c	ON 99011924: AT (	625916.62,	4176111.00,	121.10,	0.00)	DC
FW NA	HIGH	1ST HIGH VALUE IS	0.07224c	ON 99121624: AT (	626468.62,	4175945.50,	120.80,	0.00)	DC
NA	HIGH	2ND HIGH VALUE IS	0.04725c	ON 99120424: AT (	626380.50,	4176019.50,	117.50,	0.00)	DC
TESLA NA	HIGH	1ST HIGH VALUE IS	7.83505	ON 99070224: AT (	626421.38,	4176168.00,	122.50,	0.00)	DC
NA	HIGH	2ND HIGH VALUE IS	6.72661c	ON 99080424: AT (	626421.38,	4176168.00,	122.50,	0.00)	DC

Appendix D.2
Summary of SCREEN3 Results

SCREEN3 Results for Minor Sources[1]

Source Number	Source Name	Distance from TPP (km)	UTME (m)	UTMN (m)	Stack Height (ft)	Stack Area (sq ft)	Temperaure (F)	Flow (ACFM)	PM10 Emission Increase (g/s)	24-hour concentration (ug/m3)
BAAQMD Minor Sources										
54	Hexcel Corporation	16.0	610550	4171962	7.900	0.1	1114	920	0.0029	0.022
255	Lawrence Livermore National Laboratory	12.6	613944	4172580	3.281	1	70	3000	0.069	0.991
290	DOE-KAO Sandia National Laboratories	17.8	609032	4170825	3.281	1	70	3000	0.014	0.105
705	**Vulcan Materials**	**23.4**	**603356**	**4170177**	**3.281**	**1**	**70**	**3000**	**0.262**	**1.208**
1472	Unimin Corporation	14.9	613148	4183561	3.281	1	70	3000	0.0058	0.058
2066	**Waste Mangemant of Alameda**	**7.6**	**619016**	**4178794**	**3.281**	**1**	**70**	**3000**	**0.161**	**10.116**
3314	Roselamn Cemetery	18.2	608226	4172493	3.281	1	70	3000	0.0058	0.403
5095	**Republic Services Vasco Road, LLC**	**13.6**	**612532**	**4174460**	**3.281**	**1**	**70**	**3000**	**0.210**	**2.558**
6330	Kellog Creek Agregates,Inc	16.7	618113	4190732	3.281	1	70	3000	0.055	0.446
8329	Biofuel Systems	11.4	614681	4174991	3.281	1	70	3000	0.035	0.619
8507	**Vulcan Materials**	**23.2**	**603548**	**4170276**	**3.281**	**1**	**70**	**3000**	**0.771**	**3.606**
8535	**Bay Cities Building Materials**	**21.7**	**619492**	**4196689**	**3.281**	**1**	**70**	**3000**	**0.236**	**1.228**
8935	**Evans Brothers Inc**	**12.1**	**614323**	**4173151**	**3.281**	**1**	**70**	**3000**	**0.216**	**3.390**
9000	RC Ready Mix Co	11.6	614849	4173129	3.281	1	70	3000	0.046	0.800
9160	CEMEX	22.7	604093	4170292	3.281	1	70	3000	0.046	0.223
9452	Virtues of Coffee	12.5	613989	4172727	3.281	1	70	3000	0.0029	0.042
10018	**Quality Packaging Inc**	**12.5**	**613713**	**4174065**	**3.281**	**1**	**70**	**3000**	**0.173**	**2.516**
10354	Weaver Industries	12.7	613626	4173416	3.281	1	70	3000	0.012	0.162
11550	**Antioch Rock & Ready Mix**	**9.2**	**625508**	**4185229**	**3.281**	**1**	**70**	**3000**	**0.109**	**3.465**
12628	**Jifco Inc.**	**13.1**	**613299**	**4173203**	**3.281**	**1**	**70**	**3000**	**0.147**	**1.947**
13166	Right Away Redy Mix	23.8	602840	4170977	3.281	1	70	3000	0.026	0.117
13386	Gas Recovery Systems	13.8	612632	4173022	3.281	1	70	3000	0.0086	0.103
13443	Granite Construction	22.7	604147	4170128	3.281	1	70	3000	0.155	0.753
15054	Shull's Cabinet	13.0	613253	4173867	3.281	1	70	3000	0.058	0.774
SJVAPCD Minor Sources										
474	**LEPRINO FOODS**	**14.0**	**639561**	**4179807**	**3.281**	**1**	**70**	**3000**	**1.057**	**12.109**
533	WORLDCOM	10.6	636333	4173261	3.281	1	70	3000	0.00075	0.016
593	OWENS-BROCKWAY GLASS CONTAINER	7.2	633201	4175805	3.281	1	70	3000	0.00014	0.012
692	RMC PACIFIC MATERIALS INC DBA CEME	13.1	638309	4171445	3.281	1	70	3000	0.022	0.291
842	TEICHERT AGGREGATES	13.8	639451	4172553	3.281	1	70	3000	0.062	0.735
846	**SHELL PIPELINE COMPANY LP**	**2.9**	**628932**	**4175652**	**3.281**	**1**	**70**	**3000**	**0.0074**	**13.600**
1026	**THERMAL ENERGY DEV. CORP, LTD**	**6.8**	**632898**	**4175982**	**3.281**	**1**	**70**	**3000**	**0.012**	**1.213**
1051	**BASALITE CONCRETE PRODUCTS LLC**	**10.8**	**636439**	**4173104**	**3.281**	**1**	**70**	**3000**	**0.085**	**1.742**
1104	BES CAL, INC.	12.6	638327	4173141	3.281	1	70	3000	0.0084	0.120
2835	TEICHERT AGGREGATES	21.9	644992	4165112	3.281	1	70	3000	0.020	0.103
3187	TRACY MATERIAL RECOVERY	14.3	639506	4171138	3.281	1	70	3000	0.011	0.125
3250	PIONEER AMERICAS LLC	16.8	642813	4175168	3.281	1	70	3000	0.00019	0.002
3271	VINTAGE PETROLEUM, INC.	25.6	650823	4169424	3.281	1	70	3000	0.0017	0.000
3448	**CONCRETE PRODUCTS, INC.**	**5.0**	**630857**	**4174576**	**3.281**	**1**	**70**	**3000**	**0.035**	**65.132**
3667	PACIFIC BELL DBA SBC	12.8	638715	4178176	3.281	1	70	3000	0.0014	0.020
3766	LYNX ENTERPRISES, INC.	14.2	639746	4179650	3.281	1	70	3000	0.014	0.159
4065	**BARBOSA CABINETS, INC.**	**3.8**	**629872**	**4175679**	**3.281**	**1**	**70**	**3000**	**0.095**	**175.474**
4065	**BARBOSA CABINETS, INC.**	**15.8**	**641456**	**4179611**	**3.281**	**1**	**70**	**3000**	**0.420**	**3.803**
4138	EAGLE FINISHING INC	13.3	638392	4181018	3.281	1	70	3000	0.0052	0.067
4185	TROY A GASKINS	15.2	641160	4178103	3.281	1	70	3000	0.0042	0.041
4363	**SAN JOAQUIN COUNTY DEPT OF PUBLIC**	**11.4**	**636043**	**4170552**	**3.281**	**1**	**70**	**3000**	**0.062**	**1.126**
4427	WINGFOOT COMMERCIAL TIRE SYSTEMS	12.3	638215	4174431	3.281	1	70	3000	0.0089	0.136
4473	DSS COMPANY	23.2	646637	4165341	3.281	1	70	3000	0.0039	0.018

Appendix D.2
Summary of SCREEN3 Results

4486	**GARDNER TRUCKING, INC**	**6.4**	**630048**	**4181083**	**3.281**	**1**	**70**	**3000**	**0.013**	**1.807**
4499	PACIFIC COAST MS INDUSTRIES	13.5	638590	4181111	3.281	1	70	3000	0.0089	0.110
4505	IRON CIRCLE	13.2	638331	4180848	3.281	1	70	3000	0.00081	0.010
4531	ANTHONY'S AUTO BODY AND PAINT	14.8	640650	4178219	3.281	1	70	3000	0.045	0.462
4579	CITY OF TRACY	15.2	641077	4178423	3.281	1	70	3000	0.00039	0.004
4597	**GWF ENERGY, LLC - TRACY PEAKER PR**	**7.0**	**632966**	**4174803**	**3.281**	**1**	**70**	**3000**	**0.767**	**67.407**
4602	**ADESA CALIFORNIA LLC/ATTN: ENVIRO**	**2.9**	**628853**	**4176914**	**3.281**	**1**	**70**	**3000**	**0.036**	**66.168**
4614	SAFEWAY INC	10.5	636376	4178188	3.281	1	70	3000	0.000014	0.000
4620	**GMP SERVICE, INC**	**4.1**	**630155**	**4175800**	**3.281**	**1**	**70**	**3000**	**0.0083**	**15.327**
4630	HOME DEPOT	9.7	634899	4179927	3.281	1	70	3000	0.00010	0.003
4653	CITY OF TRACY	11.6	637461	4178212	3.281	1	70	3000	0.000029	0.000
4655	SEARS - ORCHARD SUPPLY HARDWARE	10.8	636617	4178098	3.281	1	70	3000	0.000058	0.001
4663	CITY OF TRACY	12.6	638015	4179904	3.281	1	70	3000	0.00023	0.003
4664	CITY OF TRACY	12.5	638022	4179493	3.281	1	70	3000	0.00013	0.002
4674	**CALAVERAS MATERIALS INC**	**13.8**	**639461**	**4172557**	**3.281**	**1**	**70**	**3000**	**0.259**	**3.047**
4690	JEFF SUTHERLAND	14.7	640647	4178085	3.281	1	70	3000	0.045	0.463
4692	TRACY COLLISION CENTER	11.7	637540	4178099	3.281	1	70	3000	0.045	0.760
4698	MOUNTAIN HOUSE CSD WASTEWATER T	8.2	630336	4183015	3.281	1	70	3000	0.00052	0.024
4772	**GIRARD MANAGEMENT GROUP, LLC**	**4.2**	**630182**	**4175459**	**3.281**	**1**	**70**	**3000**	**0.157**	**290.492**
4784	CARL'S JR	10.2	635655	4179600	3.281	1	70	3000	0.026	0.607
4797	MODESTO RSTRNT GRP LLC/CARL'S JR	12.2	637816	4179277	3.281	1	70	3000	0.0037	0.057
4830	**BARBOSA CABINETS**	**4.1**	**630180**	**4175849**	**3.281**	**1**	**70**	**3000**	**0.054**	**98.920**
4835	CITY OF TRACY, DEVELOPMENT & ENGIN	13.4	639148	4173312	3.281	1	70	3000	0.00035	0.004
4849	KNOX & ASSOC LLC/ DBA BURGER KING	9.5	634872	4179575	3.281	1	70	3000	0.0010	0.030
4875	SURTEC, INC	14.3	640027	4179223	3.281	1	70	3000	0.000058	0.000
4893	CALIFORNIA AUTO BODY	13.3	638449	4180859	3.281	1	70	3000	0.045	0.570
4935	ANTHONY'S AUTO BODY & PAINT	15.2	641077	4178045	3.281	1	70	3000	0.045	0.439
4977	VERIZON WIRELESS - TRACY	18.8	644488	4172102	3.281	1	70	3000	0.000058	0.000
4990	**DUTCHMAN DOORS INC**	**14.0**	**639830**	**4178311**	**3.281**	**1**	**70**	**3000**	**0.153**	**1.765**
4996	SUTTER TRACY COMMUNITY HOSPITAL	12.1	637941	4178532	3.281	1	70	3000	0.00075	0.012
5026	ATLANTIC RICHFIELD OIL COMPANY (AR	2.9	628927	4175651	3.281	1	70	3000	0.00052	0.956
5044	SOBHANA AUTO BODY & REPAIRS	14.8	640681	4178213	3.281	1	70	3000	0.034	0.352
5061	A1 AUTO BODY	14.8	640650	4178219	3.281	1	70	3000	0.067	0.695
5093	JOHN JONES WATER TREATMENT PLAN	12.7	638034	4171843	3.281	1	70	3000	0.0018	0.026
5111	SAN JOAQUIN COUNTY	13.9	639852	4174671	3.281	1	70	3000	0.00012	0.001
5114	7H TECHNICAL SERVICES GROUP, INC	15.1	641062	4174282	3.281	1	70	3000	0.000058	0.001
5371	COUNTY OF SAN JOAQUIN	14.4	640213	4173616	3.281	1	70	3000	0.00029	0.003
5388	COUNTY OF SAN JOAQUIN	14.5	640322	4173567	3.281	1	70	3000	0.000058	0.001
6167	VERIZON WIRELESS - PATTERSON PASS	3.5	629405	4176859	3.281	1	70	3000	0.000058	0.106
7165	CITY OF TRACY	13.3	639070	4173376	3.281	1	70	3000	0.00023	0.003
7170	CALSTONE COMPANY	13.8	639411	4179569	3.281	1	70	3000	0.025	0.291
7199	COMCAST CABLE	12.4	638291	4178117	3.281	1	70	3000	0.000058	0.001
7254	TRACY RURAL FIRE PROTECTION DISTR	5.4	628346	4180946	3.281	1	70	3000	0.000058	0.029
7282	CHARTER COMMUNICATIONS INC	8.1	630897	4182502	3.281	1	70	3000	0.000058	0.003
7293	**COOK'S COLLISION CENTER**	**10.1**	**635133**	**4180436**	**3.281**	**1**	**70**	**3000**	**0.0682**	**1.673**
7323	MIREF CHABOT TRACY LLC	16.4	642060	4179684	3.281	1	70	3000	0.000043	0.000
7424	THOMAS J DILLEN DBA THE WINDWARD	13.0	638133	4180803	3.281	1	70	3000	0.0079	0.106
2429	MARQUEZ ENERGY LLC	19.4	638971	4190475	3.281	1	70	3000	0.0063	0.039
7380	CITY OF LATHROP	24.3	648682	4184805	3.281	1	70	3000	0.00012	0.001
4704	OXY RESOURCES CALIFORNIA, LLC	26.7	647533	4191931	3.281	1	70	3000	0.060	0.229
7185	SOUTH SAN JOAQUIN IRRIGATION DISTF	23.9	648831	4183220	3.281	1	70	3000	0.00017	0.001
5082	CITY OF LATHROP	25.5	649354	4186301	3.281	1	70	3000	0.00052	0.002
7305	CITY OF LATHROP	25.0	649554	4184595	3.281	1	70	3000	0.000058	0.000
3501	OAKWOOD LAKE WATER DISTRICT	25.8	651107	4182293	3.281	1	70	3000	0.00012	0.000
4686	MOUNTAIN HOUSE CSD - WATER TREAT	8.1	626949	4184039	3.281	1	70	3000	0.00060	0.029

[1] Complete SCREEN3 output files provided on CD (Appendix F)

Appendix D.3
Summary of BAAQMD and SJVAPCD Sources

PM_{10} Emission Rate Increases for Stationary Sources[1]

Plant No.	Source	Distance from TPP (km)	UTME (m)	UTMN (m)	PM10 Emissions Increase (lbs/yr)	PM10 Emissions Increase (g/s)	Stack Height (ft)	Stack Height (m)	Stack Area (sq ft)	Stack Diameter (m)	Temperature (F)	Temperature (K)	Flow (ACFM)	Velocity (m/s)	Reference for stack parameters
BAAQMD- Minor Sources															
705	Vulcan Materials	23.44	603356	4170177	18200	0.2618	3.28084	1	1	0.34393	70	294.26	3000	15.24	
2066	Waste Mangemant of Alameda	7.56	619016	4178794	11200	0.1611	3.28084	1	1	0.34393	70	294.26	3000	15.24	
5095	Republic Services Vasco Road, LLC	13.61	612532	4174460	14600	0.2100	3.28084	1	1	0.34393	70	294.26	3000	15.24	
8507	Vulcan Materials	23.23	603548	4170276	53600	0.7709	3.28084	1	1	0.34393	70	294.26	3000	15.24	
8535	Bay Cities Building Materials	21.68	619492	4196689	16400	0.2359	3.28084	1	1	0.34393	70	294.26	3000	15.24	
8935	Evans Brothers Inc	12.08	614323	4173151	15000	0.2157	3.28084	1	1	0.34393	70	294.26	3000	15.24	
10018	Quality Packaging Inc	12.5	613713	4174065	12000	0.1726	3.28084	1	1	0.34393	70	294.26	3000	15.24	
11550	Antioch Rock & Ready Mix	9.21	625508	4185229	7600	0.1093	3.28084	1	1	0.34393	70	294.26	3000	15.24	
12628	Jifco Inc.	13.06	613299	4173203	10200	0.1467	3.28084	1	1	0.34393	70	294.26	3000	15.24	
BAAQMD- Major Sources															
18	Mirant Delta, LLC	37.23	606519	4207720	229600	3.3024	150	45.72	280.6	5.761212	266	403.15	896894	16.23742	p 25- Title V renewal app (T=413.7K, d=4.2m, v=35.7 m/s, H=137.16 m)
55	Lockheed Martin Coporation	53.6	586137	4140260	45000	0.6472	3.28084	1	1	0.34393	70	294.26	3000	15.24	p 25- Title V renewal app (T=413.7K, d=4.2m, v=35.7 m/s, H=137.16 m)
94	Cargill Salt	46.61	585662	4152770	49600	0.7134	3.28084	1	1	0.34393	70	294.26	3000	15.24	p 24- Title V renewal application (T=411 K, v=14.4 m/s)
167	Maxwell House	50.21	575941	4172869	47800	0.6875	3.28084	1	1	0.34393	70	294.26	3000	15.24	p 24- Title V renewal application (T=411 K, v=14.4 m/s)
595	Mission Valley Rock Co.	32.19	598725	4159028	45000	0.6472	3.28084	1	1	0.34393	70	294.26	3000	15.24	
1438	New United Motor	41.85	593091	4150250	68400	0.9838	3.28084	1	1	0.34393	70	294.26	3000	15.24	
1736	Oliver de Silva, Inc	29.27	604102	4156670	61600	0.8860	3.28084	1	1	0.34393	70	294.26	3000	15.24	
2300	Fleischmann's Yeast	53.63	572434	4177000	32200	0.4631	3.28084	1	1	0.34393	70	294.26	3000	15.24	
2371	USS-POSCO Industries	41.97	600029	4208962	33200	0.4775	3.28084	1	1	0.34393	70	294.26	3000	15.24	
2773	Davis Street SMART	54.57	571509	4174287	116000	1.6685	3.28084	1	1	0.34393	70	294.26	3000	15.24	
3312	Zanker Road Resource Management,	45.64	593410	4144140	50400	0.7249	3.28084	1	1	0.34393	70	294.26	3000	15.24	
4618	Allied Waste Industries	46.2	592948	4208260	58800	0.8457	3.28084	1	1	0.34393	70	294.26	3000	15.24	
8507	Vulcan Materials Company	23.23	603548	4170276	53600	0.7709	3.28084	1	1	0.34393	70	294.26	3000	15.24	
10684	Koch Carbon, LLC	43.09	599129	4209676	55000	0.7911	3.28084	1	1	0.34393	70	294.26	3000	15.24	
11866	Los Mednos Energy Center	43.47	598662	4209790	263200	3.7857	175	53.34	240.4	5.332578	203	368.15	980661	20.72279	
12095	Delta Energy Center	40.41	601495	4208121	274000	3.9410	144	43.8912	254.5	5.486734	170	349.82	1006850	20.09744	
12728	Waste Management, Inc.	54.7	571409	4178480	38200	0.5494	3.28084	1	1	0.34393	70	294.26	3000	15.24	
13161	Russell City Energy Center	50.14	577030	4165500	172800	2.4854	3.28084	1	1	0.34393	70	294.26	3000	15.24	
13289	Los Esteros Critical Energy Facility	46.12	594597	4142304	88400	1.2715	90	27.432	95	3.352215	849	727.04	594390	31.78422	
SJVAPCD- Minor Sources															
474	LEPRINO FOODS	14.0	639561	4179807	73504	1.0572	3.28084	1	1	0.34393	70	294.26	3000	15.24	
846	SHELL PIPELINE COMPANY LP	2.9	628932	4175652	512	0.0074	3.28084	1	1	0.34393	70	294.26	3000	15.24	
1026	THERMAL ENERGY DEV. CORP, LT	6.8	632898	4175982	840	0.0121	3.28084	1	1	0.34393	70	294.26	3000	15.24	
1051	BASALITE CONCRETE PRODUCTS	10.8	636439	4173104	5877	0.0845	3.28084	1	1	0.34393	70	294.26	3000	15.24	
3448	CONCRETE PRODUCTS, INC.	5.0	630857	4174576	2452	0.0353	3.28084	1	1	0.34393	70	294.26	3000	15.24	
4065	BARBOSA CABINETS, INC.	3.8	629872	4175679	6606	0.0950	3.28084	1	1	0.34393	70	294.26	3000	15.24	
4065	BARBOSA CABINETS, INC.	15.8	641456	4179611	29202	0.4200	3.28084	1	1	0.34393	70	294.26	3000	15.24	
4363	SAN JOAQUIN COUNTY DEPT OF F	11.4	636043	4170552	4344	0.0625	3.28084	1	1	0.34393	70	294.26	3000	15.24	
4486	GARDNER TRUCKING, INC	6.4	630048	4181083	876	0.0126	3.28084	1	1	0.34393	70	294.26	3000	15.24	
4597	GWF ENERGY, LLC - TRACY PEAKI	7.0	632966	4174803	53340	0.7672	100	30.48	227	5.1816	850	727.58	1620600	36.27035	Ref - GWF Cumulative impact Analysis Table 7
4602	ADESA CALIFORNIA LLC/ATTN: EN	2.9	628853	4176914	2491	0.0358	3.28084	1	1	0.34393	70	294.26	3000	15.24	
4620	GMP SERVICE, INC	4.1	630155	4175800	577	0.0083	3.28084	1	1	0.34393	70	294.26	3000	15.24	
4674	CALAVERAS MATERIALS INC	13.8	639461	4172557	18032	0.2594	3.28084	1	1	0.34393	70	294.26	3000	15.24	
4772	GIRARD MANAGEMENT GROUP, LL	4.2	630182	4175459	10936	0.1573	3.28084	1	1	0.34393	70	294.26	3000	15.24	
4830	BARBOSA CABINETS	4.1	630180	4175849	1792	0.0258	3.28084	1	1	0.34393	70	294.26	3000	15.24	
4990	DUTCHMAN DOORS INC	14.0	639830	4178311	256	0.0037	3.28084	1	1	0.34393	70	294.26	3000	15.24	
7293	COOK'S COLLISION CENTER	10.1	635133	4180436	3724	0.0536	3.28084	1	1	0.34393	70	294.26	3000	15.24	
SJVAPCD- Major Sources															
	Owens-Brockway	7.1	633100	4175000	44990	0.6471	140	42.672	11.341149	1.15824	586	580.93	35700	15.991	
		7.1	633100	4175000	26840	0.3860	140	42.672	6.1136178	0.850392	626	603.15	17402	14.460	
		7.1	633100	4175000	38170	0.5490	140	42.672	10.752101	1.12776	678	632.04	36500	17.245	
	Pilkington NA	27.1	651072	4186325	262800	3.7799	298	90.8304	132.73229	3.9624	640	610.93	76917	2.944	
		27.1	651072	4186325	1570	0.0226	17.5	5.334	1.7671459	0.4572	1500	1088.71	2600	7.474	
		27.1	651072	4186325	4161	0.0598	9.8	2.98704	0.6	0.266407	70	294.26	3000	25.400	
		27.1	651072	4186325	10702	0.1539	3.28084	1	1	0.34393	70	294.26	3000	15.24	
	Simplot	27.3	651467	4186042	406046	5.8403	3.28084	1	1	0.34393	70	294.26	3000	15.24	
		27.3	651467	4186042	483	0.0069	6	1.8288	0.1963495	0.1524	120	322.04	3056	79.066	
	Gallo Glass[2]	53.5	678656	4166499	53280	0.7663	50	15.24	0.7853982	0.3048	415	485.93	66876	432.558	
	Covanta	53.5	664694	4139095	72400	1.0414	147	44.8056	21.647537	1.6002	294	418.71	111353	26.131	
	Covanta	53.5	664694	4139095	72400	1.0414	147	44.8056	21.647537	1.6002	292	417.59	107049	25.121	

[1] All information obtained from BAAQMD and SJVAPCD is provided on CD (Appendix F)
[2] PM10 emission calculations for Gallo Glass are provided on CD (Appendix F)

Appendix D.4
Summary of City of Tracy Area Source Calculations

PM_{10} Emission Rate Calculations for the City of Tracy

URBEMIS Input/Output for City of Tracy

	INPUT			OUTPUT	
Year	Population	Family Housing	Single Housing	PM_{10} (lbs/day)	PM_{10} (g/s)
2001	61178	15400	3565	1692.34	8.884785
2006	80641	20254	4689	2213.8	11.62245
Change	19463	4854	1124	521.46	**2.737665**

Area Sources for ISCST3

Source Name	Easting, x (m)	Northing, y (m)	Base Elevation (m)	Release Height (m)	Easterly length (m)	Northerly length (m)	Area (m^2)	Fractional Area	PM_{10} (g/s)
T1_2	628116.44	4180899.5	25.9	1	1110	1000	1110000	0.024645	0.067469
T1_4	631076.69	4178114	32	1	1000	1000	1000000	0.022202	0.060783
T1_5	630065.81	4178612.25	34.1	1	1000	500	500000	0.011101	0.030391
T1_6	632649.25	4175035.5	49.1	1	500	500	250000	0.005551	0.015196
T2_1	639483.69	4177917	14.9	1	800	1600	1280000	0.028419	0.077802
T2_2	639675.38	4179551.5	10.3	1	400	800	320000	0.007105	0.019451
T2_3	637887.75	4180554.25	4.4	1	750	600	450000	0.009991	0.027352
T2_4	634672	4177033.75	18.9	1	4800	2800	13440000	0.298401	0.816923
T2_5	636309.13	4179833	8.4	1	3300	700	2310000	0.051288	0.140409
T2_6	635009.69	4179832.5	4.9	1	1300	700	910000	0.020204	0.055313
T2_7	635677.25	4176442.5	18.9	1	750	600	450000	0.009991	0.027352
T2_8	641094.25	4178573.5	12.1	1	600	900	540000	0.011989	0.032823
T2_9	638662.25	4180549	6	1	600	1200	720000	0.015986	0.043764
T2_10	640596.5	4177501.5	15.8	1	500	750	375000	0.008326	0.022794
T2_11	640596.5	4180347.75	7.6	1	600	350	210000	0.004663	0.012764
T2_12	636115.81	4180549.5	3.1	1	1800	500	900000	0.019982	0.054705
T2_13	634271.38	4177847.25	15.8	1	400	1100	440000	0.009769	0.026745
T2_14	634250.44	4179083.5	8.6	1	400	400	160000	0.003552	0.009725
T3_1	641214.56	4174483	31.1	1	700	1500	1050000	0.023313	0.063822
T3_2	638224.25	4173991.25	36.9	1	550	1000	550000	0.012211	0.033431
T3_3	638100.06	4172248.25	53	1	700	800	560000	0.012433	0.034038
T3_4	639651.69	4172767	43.9	1	400	300	120000	0.002664	0.007294
T3_5	636466.19	4172690	56.1	1	600	350	210000	0.004663	0.012764
T3_6	636459	4173059.75	52.1	1	4700	850	3995000	0.088699	0.242828
T3_7	637277.94	4173917.25	38.1	1	750	750	562500	0.012489	0.03419
T3_8	638786.13	4173934.75	36.6	1	2400	1350	3240000	0.071936	0.196937
T3_9	636458.94	4174739.5	31.1	1	1600	2300	3680000	0.081705	0.223681
T3_10	638076.75	4174981.75	29	1	700	2050	1435000	0.031861	0.087224
T3_11	636654.75	4171235.75	74.8	1	1400	1400	1960000	0.043517	0.119135
T3_12	639617.44	4175302	29.9	1	1550	250	387500	0.008603	0.023553
T3_13	638785.38	4175818	25.9	1	700	1200	840000	0.018650	0.051058
T3_14	635012.31	4175928	25.9	1	1450	500	725000	0.016097	0.044068
T3_15	634561.81	4175526.75	31.1	1	900	400	360000	0.007993	0.021882
						Total	**45040000**	**1**	**2.737665**

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URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\jfrohnin\Desktop\Tracy\Tracy2001.urb
Project Name: Tracy 2001
Project Location: San Francisco Bay Area
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Pounds/Day - Summer)

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	2,884.31	3,141.98	32,101.13	25.63	1,692.34

Page: 1
07/07/2006 3:56 PM

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\jfrohnin\Desktop\Tracy\Tracy2006.urb
Project Name: Tracy 2006
Project Location: San Francisco Bay Area
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Pounds/Day - Summer)

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	2,440.78	2,486.82	26,560.04	24.36	2,213.80

Appendix D.5
Summary of Highway Segments Volume and Area Sources

PM_{10} Emission Rate Calculations for Highway Segments

Vehicle Class	Fleet Composition (fraction of total) [a]	PM_{10} Emission Rate (g/mi) [a]	Emission Rate by Highway Segment (g/s)[b] 5	205 (1)	205 (2)	580 (1)	580 (2)
2001							
Passenger Cars	0.523	0.031	0.02674	0.20955	0.00477	0.06016	0.32691
Light-Duty Trucks 1	0.19	0.033	0.01034	0.08104	0.00185	0.02327	0.12643
Light-Duty Trucks 2	0.149	0.04	0.00983	0.07703	0.00175	0.02212	0.12017
Medium-Duty Trucks	0.063	0.04	0.00416	0.03257	0.00074	0.00935	0.05081
Light-Heavy-Duty Trucks 1	0.012	0.033	0.00065	0.00512	0.00012	0.00147	0.00798
Light-Heavy-Duty Trucks 2	0.003	0.053	0.00026	0.00206	0.00005	0.00059	0.00321
Medium-Heavy-Duty Trucks	0.012	0.227	0.00449	0.03521	0.00080	0.01011	0.05493
Heavy-Heavy-Duty Trucks	0.013	0.295	0.00632	0.04957	0.00113	0.01423	0.07733
Line-Haul Vehicles	0	0	0	0	0	0	0
Urban Diesel Buses	0.001	0.173	0.00029	0.00224	0.00005	0.00064	0.00349
Motorcycles	0.017	0.079	0.00221	0.01736	0.00040	0.00498	0.02708
School Buses	0.001	0.292	0.00048	0.00377	0.00009	0.00108	0.00589
Motor Homes	0.014	0.039	0.00090	0.00706	0.00016	0.00203	0.01101
Total Emission Rate for Highway Segment (g/s)			**0.06668**	**0.52257**	**0.01190**	**0.15003**	**0.81523**
2005							
Passenger Cars	0.526	0.031	0.02819	0.27542	0.00480	0.11146	0.46367
Light-Duty Trucks 1	0.188	0.032	0.01040	0.10161	0.00177	0.04112	0.17107
Light-Duty Trucks 2	0.149	0.042	0.01082	0.10570	0.00184	0.04278	0.17795
Medium-Duty Trucks	0.062	0.042	0.00450	0.04398	0.00077	0.01780	0.07405
Light-Heavy-Duty Trucks 1	0.012	0.034	0.00071	0.00689	0.00012	0.00279	0.01160
Light-Heavy-Duty Trucks 2	0.003	0.051	0.00026	0.00258	0.00005	0.00105	0.00435
Medium-Heavy-Duty Trucks	0.012	0.2	0.00415	0.04054	0.00071	0.01641	0.06825
Heavy-Heavy-Duty Trucks	0.013	0.23	0.00517	0.05050	0.00088	0.02044	0.08502
Line-Haul Vehicles	0	0	0	0	0	0	0
Urban Diesel Buses	0.001	0.157	0.00027	0.00265	0.00005	0.00107	0.00446
Motorcycles	0.017	0.077	0.00226	0.02211	0.00039	0.00895	0.03722
School Buses	0.001	0.31	0.00054	0.00524	0.00009	0.00212	0.00882
Motor Homes	0.014	0.04	0.00097	0.00946	0.00016	0.00383	0.01592
Total Emission Rate for Highway Segment (g/s)			**0.06823**	**0.66669**	**0.01162**	**0.26981**	**1.12239**

[a] Values obtained from EMFAC 2002 V2.2 for San Joaquin County for years 2001 and 2005.
[b] Emission rates calculated using the following equation: E = (Frac)*(AADT)*(EF)*(L)/24/3600

E = Emission rate (g/s)
Frac = Vehicle Class Fraction
AADT = Annual Average Daily Traffic
EF = Emissions factor (g/mi)
L = Length of highway segment (mi)
24 = hours/day
3600 = seconds/hour

Highway	Segment Description	Length (miles)	AADT 2005 (Max.)	2001 (Min.)
5	Route 132 to Klasson Road	7.62	23800	18700
205 (1)	Alameda-San Joaquin County line to Route 5	12.69	112000	88000
205 (2)	Begin freeway (Route 580) to Alameda-San Joaquin County line	0.24	111000	106000
580 (1)	Begin freeway (Route 5) to San Joaquin-Alameda County line	15.34	43000	20900
580 (2)	San Joaquin-Alameda County line to Airway Blvd. in Livermore	14.89	191000	117000

Appendix E

Appendix E.1

ISCST3 PM_{10} Modeling Results Summary- Increment Analysis

Results from Nested-Receptor Grid Model Runs

Averaging Period	Class II Allowable Increment ($\mu g/m^3$)	Modeled Year	Modeled Results ($\mu g/m^3$) 1st half	2nd half	Maximum
24-hour Maximum	30	1997	19.14	18.59	**19.14**
		1998	19.25	19.38	**19.38**
		1999	18.19	20.02	**20.02**
			1st half	**2nd half**	**Average**
Annual Arithmetic Average	17	1997	3.00	2.89	**2.94**
		1998	2.97	3.07	**3.02**
		1999	3.11	2.95	**3.03**

Results from Fine Grid Receptor Model Runs

Averaging Period	Class II Allowable Increment ($\mu g/m^3$)	Modeled Year	Receptor Location		Modeled Results ($\mu g/m^3$)	
			UTM Easting (m)	UTM Northing (m)	Total Increment Consumption	Tesla Maximum Contribution
24-hour Maximum	30	1997	630220	4175470	140.19	0.48
		1998	629800	4175730	73.08	0.52
		1999	630220	4175470	137.59	0.43
Annual Arithmetic Average	17	1997	630290	4175490	19.50	0.05
		1998	630260	4175490	18.86	0.03
		1999	630230	4175470	30.84	0.04

Appendix E.2

Increment Analysis- ISCST3 Output File Excerpts[1]

File Name	Description
PM10_PSD_97_increment24_PM24	24-hr maximum: 1997 (1st half of year)
PM10_PSD_97_increment24_part2_PM24	24-hr maximum: 1997 (2nd half of year)
PM10_PSD_97_increment24_fine grid	24-hr maximum: 1997
PM10_PSD_97_incrementAN_PMAN	Annual average: 1997 (1st half of year)
PM10_PSD_97_incrementAN_part 2_PMAN	Annual average: 1997 (2nd half of year)
PM10_PSD_97_incrementAN_fine grid	Annual average: 1997
PM10_PSD_98_increment24_PM24	24-hr maximum: 1998 (1st half of year)
PM10_PSD_98_increment24_part2_PM24	24-hr maximum: 1998 (2nd half of year)
PM10_PSD_98_increment24_fine grid	24-hr maximum: 1998
PM10_PSD_98_incrementAN_PMAN	Annual average: 1998 (1st half of year)
PM10_PSD_98_incrementAN_part 2_PMAN	Annual average: 1998 (2nd half of year)
PM10_PSD_98_incrementAN_fine grid	Annual average: 1998
PM10_PSD_99_increment24_PM24	24-hr maximum: 1999 (1st half of year)
PM10_PSD_99_increment24_part2_PM24	24-hr maximum: 1999 (2nd half of year)
PM10_PSD_99_increment24_fine grid	24-hr maximum: 1999
PM10_PSD_99_incrementAN_PMAN	Annual average: 1999 (1st half of year)
PM10_PSD_99_incrementAN_part 2_PMAN	Annual average: 1999 (2nd half of year)
PM10_PSD_99_incrementAN_fine grid	Annual average: 1999
PM10_PSD_99_incrementAN_SIL_fine grid	24-hr maximum: 1999, fine grid at SIL for TPP found in 500 m spacing of nested grid

[1] Complete modeling files are provided on CD in Appendix F

```
*** ISCST3 - VERSION 02035 ***
*** FPL Tesla                                                                    ***
*** Model Executed on 09/26/06 at 15:53:25 ***
 Input File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\97\Increment Analysis\PM10_PSD_97_increment24_PM24.DTA

Output File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\97\Increment Analysis\PM10_PSD_97_increment24_PM24.LST

   Met File - D:\AIR\NATALIEY\TELSA\MET\tracy97.asc

      Number of sources -        1031
Number of source groups -           9
    Number of receptors -       11718
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GT1	0	0.16060E+01	625968.8	4176031.0	118.3	60.96	358.71	16.81	5.79	YES	
GT2	0	0.16060E+01	626011.3	4176031.0	117.1	60.96	358.71	16.81	5.79	YES	
GT3	0	0.16060E+01	626095.8	4176031.0	116.2	60.96	358.71	16.81	5.79	YES	
GT4	0	0.16060E+01	626138.2	4176031.0	116.1	60.96	358.71	16.81	5.79	YES	
CT1	0	0.25480E-01	625945.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT2	0	0.25480E-01	625959.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT3	0	0.25480E-01	625973.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT4	0	0.25480E-01	625987.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT5	0	0.25480E-01	626001.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT6	0	0.25480E-01	626015.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT7	0	0.25480E-01	626029.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT8	0	0.25480E-01	626043.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT9	0	0.25480E-01	626057.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT10	0	0.25480E-01	626071.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT11	0	0.25480E-01	626085.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT12	0	0.25480E-01	626103.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT13	0	0.25480E-01	626117.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT14	0	0.25480E-01	626131.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT15	0	0.25480E-01	626145.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT16	0	0.25480E-01	626159.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT17	0	0.25480E-01	626173.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT18	0	0.25480E-01	626187.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT19	0	0.25480E-01	626201.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT20	0	0.25480E-01	626215.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT21	0	0.25480E-01	626229.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
CT22	0	0.25480E-01	626243.0	4176094.0	118.0	16.92	307.04	6.51	9.14	YES	
EMGEN	0	0.22838E-02	626066.9	4175976.2	118.9	1.94	787.04	95.37	0.20	YES	
FWPUMP	0	0.34125E-03	626217.2	4175917.0	116.1	3.00	622.00	75.00	0.13	YES	
BAMIN_1	0	0.26178E+00	603356.0	4170177.0	116.1	1.00	294.26	15.24	0.34	NO	
BAMIN_2	0	0.16109E+00	619016.0	4178794.0	291.9	1.00	294.26	15.24	0.34	NO	
BAMIN_3	0	0.21000E+00	612532.0	4174460.0	160.0	1.00	294.26	15.24	0.34	NO	
BAMIN_4	0	0.77094E+00	603548.0	4170276.0	116.1	1.00	294.26	15.24	0.34	NO	
BAMIN_5	0	0.23589E+00	619492.0	4196689.0	7.9	1.00	294.26	15.24	0.34	NO	
BAMIN_6	0	0.21575E+00	614323.0	4173151.0	177.5	1.00	294.26	15.24	0.34	NO	
BAMIN_7	0	0.17260E+00	613713.0	4174065.0	167.9	1.00	294.26	15.24	0.34	NO	
BAMIN_8	0	0.10931E+00	625508.0	4185229.0	7.9	1.00	294.26	15.24	0.34	NO	
BAMIN_9	0	0.14671E+00	613299.0	4173203.0	169.4	1.00	294.26	15.24	0.34	NO	
BAMAJ_1	0	0.33024E+01	606519.0	4207720.0	8.6	45.72	403.15	16.24	5.76	NO	
BAMAJ_2	0	0.64725E+00	586137.0	4140260.0	5.3	1.00	294.26	15.24	0.34	NO	
BAMAJ_3	0	0.71341E+00	585662.0	4152770.0	3.0	1.00	294.26	15.24	0.34	NO	

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
BAMAJ_4	0	0.68752E+00	575941.0	4172869.0	11.9	1.00	294.26	15.24	0.34	NO	
BAMAJ_5	0	0.64725E+00	598725.0	4159028.0	78.7	1.00	294.26	15.24	0.34	NO	
BAMAJ_6	0	0.98381E+00	593091.0	4150250.0	4.0	1.00	294.26	15.24	0.34	NO	
BAMAJ_7	0	0.88601E+00	604102.0	4156670.0	437.7	1.00	294.26	15.24	0.34	NO	
BAMAJ_8	0	0.46314E+00	572434.0	4177000.0	7.9	1.00	294.26	15.24	0.34	NO	
BAMAJ_9	0	0.47752E+00	600029.0	4208962.0	5.0	1.00	294.26	15.24	0.34	NO	
BAMAJ_10	0	0.16685E+01	571509.0	4174287.0	2.1	1.00	294.26	15.24	0.34	NO	
BAMAJ_11	0	0.72492E+00	593410.0	4144140.0	0.0	1.00	294.26	15.24	0.34	NO	
BAMAJ_12	0	0.84573E+00	592948.0	4208260.0	37.6	1.00	294.26	15.24	0.34	NO	
BAMAJ_13	0	0.77094E+00	603548.0	4170276.0	116.1	1.00	294.26	15.24	0.34	NO	
BAMAJ_14	0	0.79108E+00	599129.0	4209676.0	2.9	1.00	294.26	15.24	0.34	NO	
BAMAJ_15	0	0.37857E+01	598662.0	4209790.0	2.2	53.34	368.15	20.72	5.33	NO	
BAMAJ_16	0	0.39410E+01	601495.0	4208121.0	6.1	43.89	349.82	20.10	5.49	NO	
BAMAJ_17	0	0.54944E+00	571409.0	4178480.0	3.0	1.00	294.26	15.24	0.34	NO	
BAMAJ_18	0	0.24854E+01	577030.0	4165500.0	4.0	1.00	294.26	15.24	0.34	NO	
BAMAJ_19	0	0.12715E+01	594597.0	4142304.0	4.0	27.43	727.04	31.78	3.35	NO	
SJMIN_1	0	0.10572E+01	639561.2	4179807.5	8.9	1.00	294.26	15.24	0.34	NO	
SJMIN_2	0	0.73643E-02	628931.7	4175651.8	86.5	1.00	294.26	15.24	0.34	NO	
SJMIN_3	0	0.12082E-01	632897.9	4175981.8	36.0	1.00	294.26	15.24	0.34	NO	
SJMIN_4	0	0.84531E-01	636439.4	4173103.5	51.1	1.00	294.26	15.24	0.34	NO	
SJMIN_5	0	0.35268E-01	630857.0	4174575.8	73.2	1.00	294.26	15.24	0.34	NO	

SJMIN_6	0	0.95016E-01	629871.9	4175678.8	66.3	1.00	294.26	15.24	0.34	NO
SJMIN_7	0	0.42002E+00	641456.3	4179610.8	9.1	1.00	294.26	15.24	0.34	NO
SJMIN_8	0	0.62481E-01	636043.4	4170551.8	14.0	1.00	294.26	15.24	0.34	NO
SJMIN_9	0	0.12600E-01	630047.7	4181083.0	12.2	1.00	294.26	15.24	0.34	NO
SJMIN_10	0	0.76721E+00	632965.8	4174802.8	52.0	30.48	727.58	36.27	5.18	NO
SJMIN_11	0	0.35829E-01	628853.2	4176914.2	67.1	1.00	294.26	15.24	0.34	NO
SJMIN_12	0	0.82992E-02	630154.8	4175800.2	63.1	1.00	294.26	15.24	0.34	NO
SJMIN_13	0	0.25936E+00	639460.7	4172556.5	45.1	1.00	294.26	15.24	0.34	NO
SJMIN_14	0	0.15730E+00	630182.4	4175459.2	68.8	1.00	294.26	15.24	0.34	NO
SJMIN_15	0	0.25775E-01	630180.2	4175848.8	61.9	1.00	294.26	15.24	0.34	NO
SJMIN_16	0	0.36821E-02	639830.1	4178311.0	13.1	1.00	294.26	15.24	0.34	NO
SJMIN_17	0	0.53564E-01	635133.2	4180436.0	2.4	1.00	294.26	15.24	0.34	NO
SJMAJ_1	0	0.64711E+00	633196.3	4174804.2	49.1	42.67	580.93	15.99	1.16	NO
SJMAJ_2	0	0.38605E+00	633196.3	4174804.2	49.1	42.67	603.15	14.46	0.85	NO
SJMAJ_3	0	0.54901E+00	633196.3	4174804.2	49.1	42.67	632.04	17.25	1.13	NO
SJMAJ_4	0	0.37799E+01	651168.4	4186129.5	4.9	90.83	610.93	2.94	3.96	NO
SJMAJ_5	0	0.22582E-01	651168.4	4186129.5	4.9	5.33	1088.71	7.47	0.46	NO
SJMAJ_6	0	0.59849E-01	651168.4	4186129.5	4.9	2.99	294.26	25.40	0.27	NO
SJMAJ_7	0	0.15393E+00	651168.4	4186129.5	4.9	1.00	294.26	15.24	0.34	NO

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
SJMAJ_8	0	0.58403E+01	651563.4	4185846.5	4.9	1.00	294.26	15.24	0.34	NO	
SJMAJ_9	0	0.69471E-02	651563.4	4185846.5	4.9	1.83	322.04	79.07	0.15	NO	
SJMAJ_10	0	0.76634E+00	678656.0	4166499.0	25.8	15.24	485.93	432.56	0.30	NO	
SJMAJ_11	0	0.10414E+01	664694.0	4139095.0	103.9	44.81	418.71	26.13	1.60	NO	
SJMAJ_12	0	0.10414E+01	664694.0	4139095.0	103.9	44.81	417.59	25.12	1.60	NO	
UNKGT	0	0.24066E+01	633100.0	4174603.0	54.0	30.48	727.59	36.58	5.18	NO	
EALTGT	0	0.57708E+01	625550.0	4184800.0	15.0	53.34	334.26	16.86	5.64	NO	
EALTBLR	0	0.33390E+00	625550.0	4184800.0	15.0	30.48	435.93	5.22	2.16	NO	
EALTCT	0	0.30240E+00	625550.0	4184800.0	15.0	13.72	294.26	10.00	10.27	NO	

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
205_V1	0	0.22224E-03	626876.2	4178019.2	80.2	2.00	14.88	0.47	
205_V2	0	0.22224E-03	626908.1	4178019.0	83.0	2.00	14.88	0.47	
205_V3	0	0.22224E-03	626940.1	4178018.5	85.1	2.00	14.88	0.47	
205_V4	0	0.22224E-03	626972.1	4178018.2	87.9	2.00	14.88	0.47	
205_V5	0	0.22224E-03	627004.1	4178017.8	88.0	2.00	14.88	0.47	
205_V6	0	0.22224E-03	627036.1	4178017.2	86.3	2.00	14.88	0.47	
205_V7	0	0.22224E-03	627068.1	4178017.0	84.6	2.00	14.88	0.47	
205_V8	0	0.22224E-03	627100.1	4178016.5	82.7	2.00	14.88	0.47	
205_V9	0	0.22224E-03	627132.1	4178016.0	78.9	2.00	14.88	0.47	
205_V10	0	0.22224E-03	627164.1	4178015.8	76.9	2.00	14.88	0.47	
205_V11	0	0.22224E-03	627196.1	4178015.2	74.8	2.00	14.88	0.47	
205_V12	0	0.22224E-03	627228.1	4178014.8	73.2	2.00	14.88	0.47	
205_V13	0	0.22224E-03	627260.1	4178014.5	72.8	2.00	14.88	0.47	
205_V14	0	0.22224E-03	627292.1	4178014.0	72.8	2.00	14.88	0.47	
205_V15	0	0.22224E-03	627324.1	4178013.5	72.7	2.00	14.88	0.47	
205_V16	0	0.22224E-03	627356.1	4178013.2	75.0	2.00	14.88	0.47	
205_V17	0	0.22224E-03	627388.1	4178012.8	76.6	2.00	14.88	0.47	
205_V18	0	0.22224E-03	627420.1	4178012.2	77.6	2.00	14.88	0.47	
205_V19	0	0.22224E-03	627452.1	4178012.0	77.6	2.00	14.88	0.47	
205_V20	0	0.22224E-03	627484.1	4178011.5	76.7	2.00	14.88	0.47	
205_V21	0	0.22224E-03	627516.1	4178011.0	75.4	2.00	14.88	0.47	
205_V22	0	0.22224E-03	627548.1	4178010.8	73.7	2.00	14.88	0.47	
205_V23	0	0.22224E-03	627580.1	4178010.2	72.7	2.00	14.88	0.47	
205_V24	0	0.22224E-03	627612.1	4178009.8	71.9	2.00	14.88	0.47	
205_V25	0	0.22224E-03	627644.1	4178009.5	72.0	2.00	14.88	0.47	
205_V26	0	0.22224E-03	627676.1	4178009.0	72.0	2.00	14.88	0.47	
205_V27	0	0.22224E-03	627708.1	4178008.5	71.6	2.00	14.88	0.47	
205_V28	0	0.22224E-03	627740.1	4178008.2	71.3	2.00	14.88	0.47	
205_V29	0	0.22224E-03	627772.1	4178007.8	70.7	2.00	14.88	0.47	
205_V30	0	0.22224E-03	627804.1	4178007.2	69.6	2.00	14.88	0.47	
205_V31	0	0.22224E-03	627836.1	4178007.0	67.9	2.00	14.88	0.47	
205_V32	0	0.22224E-03	627868.1	4178006.5	62.3	2.00	14.88	0.47	
205_V33	0	0.22224E-03	627900.1	4178006.2	61.8	2.00	14.88	0.47	
205_V34	0	0.22224E-03	627932.1	4178005.8	61.0	2.00	14.88	0.47	
205_V35	0	0.22224E-03	627964.1	4178005.2	61.7	2.00	14.88	0.47	
205_V36	0	0.22224E-03	627996.1	4178005.0	66.4	2.00	14.88	0.47	
205_V37	0	0.22224E-03	628028.1	4178004.5	65.2	2.00	14.88	0.47	
205_V38	0	0.22224E-03	628060.1	4178004.0	63.5	2.00	14.88	0.47	
205_V39	0	0.22224E-03	628092.1	4178003.8	62.4	2.00	14.88	0.47	
205_V40	0	0.22224E-03	628124.1	4178003.2	60.3	2.00	14.88	0.47	

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY

205_V41	0	0.22224E-03	628156.1	4178002.8	56.0	2.00	14.88	0.47
205_V42	0	0.22224E-03	628188.1	4178002.5	50.9	2.00	14.88	0.47
205_V43	0	0.22224E-03	628220.1	4178002.0	49.1	2.00	14.88	0.47
205_V44	0	0.22224E-03	628252.1	4178001.5	49.1	2.00	14.88	0.47
205_V45	0	0.22224E-03	628284.1	4178001.2	49.1	2.00	14.88	0.47
205_V46	0	0.22224E-03	628316.1	4178000.8	49.1	2.00	14.88	0.47
205_V47	0	0.22224E-03	628348.0	4178000.2	49.1	2.00	14.88	0.47
205_V48	0	0.22224E-03	628380.0	4178000.0	49.1	2.00	14.88	0.47
205_V49	0	0.22224E-03	628412.0	4177999.5	50.0	2.00	14.88	0.47
205_V50	0	0.22224E-03	628444.0	4177999.0	50.4	2.00	14.88	0.47
205_V51	0	0.22224E-03	628476.0	4177998.8	50.9	2.00	14.88	0.47
205_V52	0	0.22224E-03	628508.0	4177998.2	51.0	2.00	14.88	0.47
205_V53	0	0.22224E-03	628540.0	4177997.8	51.4	2.00	14.88	0.47
205_V54	0	0.22224E-03	628572.0	4177997.5	51.7	2.00	14.88	0.47
205_V55	0	0.22224E-03	628604.0	4177997.0	52.1	2.00	14.88	0.47
205_V56	0	0.22224E-03	628636.0	4177996.5	52.1	2.00	14.88	0.47
205_V57	0	0.22224E-03	628668.0	4177996.2	52.1	2.00	14.88	0.47
205_V58	0	0.22224E-03	628700.0	4177995.8	52.1	2.00	14.88	0.47
205_V59	0	0.22224E-03	628732.0	4177995.2	52.1	2.00	14.88	0.47
205_V60	0	0.22224E-03	628764.0	4177995.0	52.1	2.00	14.88	0.47
205_V61	0	0.22224E-03	628796.0	4177994.5	52.1	2.00	14.88	0.47
205_V62	0	0.22224E-03	628828.0	4177994.2	52.1	2.00	14.88	0.47
205_V63	0	0.22224E-03	628860.0	4177993.8	52.1	2.00	14.88	0.47
205_V64	0	0.22224E-03	628892.0	4177993.2	51.6	2.00	14.88	0.47
205_V65	0	0.22224E-03	628924.0	4177993.0	51.5	2.00	14.88	0.47
205_V66	0	0.22224E-03	628956.0	4177992.5	50.9	2.00	14.88	0.47
205_V67	0	0.22224E-03	628988.0	4177992.0	50.9	2.00	14.88	0.47
205_V68	0	0.22224E-03	629020.0	4177991.8	50.8	2.00	14.88	0.47
205_V69	0	0.22224E-03	629052.0	4177991.2	50.6	2.00	14.88	0.47
205_V70	0	0.22224E-03	629084.0	4177990.8	50.6	2.00	14.88	0.47
205_V71	0	0.22224E-03	629116.0	4177990.5	50.3	2.00	14.88	0.47
205_V72	0	0.22224E-03	629148.0	4177990.0	50.0	2.00	14.88	0.47
205_V73	0	0.22224E-03	629179.9	4177989.5	50.0	2.00	14.88	0.47
205_V74	0	0.22224E-03	629211.9	4177989.2	50.0	2.00	14.88	0.47
205_V75	0	0.22224E-03	629243.9	4177988.8	49.8	2.00	14.88	0.47
205_V76	0	0.22224E-03	629275.9	4177988.2	49.7	2.00	14.88	0.47
205_V77	0	0.22224E-03	629307.9	4177988.0	49.1	2.00	14.88	0.47
205_V78	0	0.22224E-03	629339.9	4177987.5	49.1	2.00	14.88	0.47
205_V79	0	0.22224E-03	629371.9	4177987.0	48.7	2.00	14.88	0.47
205_V80	0	0.22224E-03	629403.9	4177986.8	47.9	2.00	14.88	0.47

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
205_V81	0	0.22224E-03	629435.9	4177986.2	47.8	2.00	14.88	0.47	
205_V82	0	0.22224E-03	629467.9	4177985.8	47.5	2.00	14.88	0.47	
205_V83	0	0.22224E-03	629499.9	4177985.5	46.9	2.00	14.88	0.47	
205_V84	0	0.22224E-03	629531.9	4177985.0	46.5	2.00	14.88	0.47	
205_V85	0	0.22224E-03	629563.9	4177984.5	46.0	2.00	14.88	0.47	
205_V86	0	0.22224E-03	629595.9	4177984.2	46.0	2.00	14.88	0.47	
205_V87	0	0.22224E-03	629627.9	4177983.8	45.4	2.00	14.88	0.47	
205_V88	0	0.22224E-03	629659.9	4177983.2	45.1	2.00	14.88	0.47	
205_V89	0	0.22224E-03	629691.9	4177983.0	45.1	2.00	14.88	0.47	
205_V90	0	0.22224E-03	629723.9	4177982.5	45.0	2.00	14.88	0.47	
205_V91	0	0.22224E-03	629755.9	4177982.2	44.0	2.00	14.88	0.47	
205_V92	0	0.22224E-03	629787.9	4177981.8	43.9	2.00	14.88	0.47	
205_V93	0	0.22224E-03	629819.9	4177981.2	43.9	2.00	14.88	0.47	
205_V94	0	0.22224E-03	629851.9	4177981.0	43.0	2.00	14.88	0.47	
205_V95	0	0.22224E-03	629883.9	4177980.5	43.0	2.00	14.88	0.47	
205_V96	0	0.22224E-03	629915.9	4177980.0	42.8	2.00	14.88	0.47	
205_V97	0	0.22224E-03	629947.9	4177979.8	42.1	2.00	14.88	0.47	
205_V98	0	0.22224E-03	629979.9	4177979.2	41.8	2.00	14.88	0.47	
205_V99	0	0.22224E-03	630011.9	4177978.8	41.1	2.00	14.88	0.47	
205_V100	0	0.22224E-03	630043.9	4177978.5	40.6	2.00	14.88	0.47	
205_V101	0	0.22224E-03	630075.9	4177978.0	39.9	2.00	14.88	0.47	
205_V102	0	0.22224E-03	630107.9	4177977.5	39.4	2.00	14.88	0.47	
205_V103	0	0.22224E-03	630139.9	4177977.2	39.1	2.00	14.88	0.47	
205_V104	0	0.22224E-03	630171.9	4177976.8	39.0	2.00	14.88	0.47	
205_V105	0	0.22224E-03	630203.9	4177976.2	39.0	2.00	14.88	0.47	
205_V106	0	0.22224E-03	630235.9	4177976.0	39.0	2.00	14.88	0.47	
205_V107	0	0.22224E-03	630267.9	4177975.5	38.3	2.00	14.88	0.47	
205_V108	0	0.22224E-03	630299.9	4177975.0	38.1	2.00	14.88	0.47	
205_V109	0	0.22224E-03	630331.9	4177974.8	38.1	2.00	14.88	0.47	
205_V110	0	0.22224E-03	630363.9	4177974.2	38.1	2.00	14.88	0.47	
205_V111	0	0.22224E-03	630395.9	4177973.8	37.9	2.00	14.88	0.47	
205_V112	0	0.22224E-03	630427.9	4177973.5	37.1	2.00	14.88	0.47	
205_V113	0	0.22224E-03	630459.9	4177973.0	36.9	2.00	14.88	0.47	
205_V114	0	0.22224E-03	630491.9	4177972.5	36.9	2.00	14.88	0.47	
205_V115	0	0.22224E-03	630523.9	4177972.2	36.6	2.00	14.88	0.47	
205_V116	0	0.22224E-03	630555.9	4177971.8	36.1	2.00	14.88	0.47	
580_V1	0	0.44659E-03	620789.0	4176789.2	193.1	2.00	14.88	0.47	
580_V2	0	0.44659E-03	620820.4	4176795.5	195.1	2.00	14.88	0.47	
580_V3	0	0.44659E-03	620851.8	4176802.0	193.2	2.00	14.88	0.47	
580_V4	0	0.44659E-03	620883.1	4176808.2	187.7	2.00	14.88	0.47	

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
580_V5	0	0.44659E-03	620914.4	4176814.5	180.0	2.00	14.88	0.47	
580_V6	0	0.44659E-03	620945.8	4176821.0	177.2	2.00	14.88	0.47	
580_V7	0	0.44659E-03	620977.2	4176827.2	171.6	2.00	14.88	0.47	
580_V8	0	0.44659E-03	621008.6	4176833.5	167.1	2.00	14.88	0.47	
580_V9	0	0.44659E-03	621039.9	4176840.0	166.3	2.00	14.88	0.47	
580_V10	0	0.44659E-03	621071.3	4176846.2	165.7	2.00	14.88	0.47	
580_V11	0	0.44659E-03	621102.6	4176852.5	163.7	2.00	14.88	0.47	
580_V12	0	0.44659E-03	621134.0	4176859.0	161.6	2.00	14.88	0.47	
580_V13	0	0.44659E-03	621165.4	4176865.2	159.1	2.00	14.88	0.47	
580_V14	0	0.44659E-03	621196.8	4176871.8	156.8	2.00	14.88	0.47	
580_V15	0	0.44659E-03	621228.1	4176878.0	155.4	2.00	14.88	0.47	
580_V16	0	0.44659E-03	621259.5	4176884.2	155.2	2.00	14.88	0.47	
580_V17	0	0.44659E-03	621290.9	4176890.8	155.6	2.00	14.88	0.47	
580_V18	0	0.44659E-03	621322.2	4176897.0	156.5	2.00	14.88	0.47	
580_V19	0	0.44659E-03	621353.6	4176903.2	157.1	2.00	14.88	0.47	
580_V20	0	0.44659E-03	621384.9	4176909.8	153.0	2.00	14.88	0.47	
580_V21	0	0.44659E-03	621416.3	4176916.0	147.0	2.00	14.88	0.47	
580_V22	0	0.44659E-03	621447.7	4176922.2	147.5	2.00	14.88	0.47	
580_V23	0	0.44659E-03	621479.1	4176928.8	151.7	2.00	14.88	0.47	
580_V24	0	0.44659E-03	621510.4	4176935.0	154.2	2.00	14.88	0.47	
580_V25	0	0.44659E-03	621541.8	4176941.2	155.3	2.00	14.88	0.47	
580_V26	0	0.44659E-03	621573.1	4176947.8	154.2	2.00	14.88	0.47	
580_V27	0	0.44659E-03	621604.5	4176954.0	150.9	2.00	14.88	0.47	
580_V28	0	0.44659E-03	621635.9	4176960.2	148.1	2.00	14.88	0.47	
580_V29	0	0.44659E-03	621667.2	4176966.8	154.0	2.00	14.88	0.47	
580_V30	0	0.44659E-03	621698.6	4176973.0	155.9	2.00	14.88	0.47	
580_V31	0	0.44659E-03	621730.0	4176979.5	156.9	2.00	14.88	0.47	
580_V32	0	0.44659E-03	621761.3	4176985.8	157.1	2.00	14.88	0.47	
580_V33	0	0.44659E-03	621792.7	4176992.0	154.8	2.00	14.88	0.47	
580_V34	0	0.44659E-03	621824.1	4176998.5	151.0	2.00	14.88	0.47	
580_V35	0	0.44659E-03	621855.4	4177004.8	148.1	2.00	14.88	0.47	
580_V36	0	0.44659E-03	621886.8	4177011.0	146.6	2.00	14.88	0.47	
580_V37	0	0.44659E-03	621918.2	4177017.5	144.8	2.00	14.88	0.47	
580_V38	0	0.44659E-03	621949.5	4177023.8	143.0	2.00	14.88	0.47	
580_V39	0	0.44659E-03	621980.9	4177030.0	142.8	2.00	14.88	0.47	
580_V40	0	0.44659E-03	622012.2	4177036.5	141.6	2.00	14.88	0.47	
580_V41	0	0.44659E-03	622043.6	4177042.8	140.2	2.00	14.88	0.47	
580_V42	0	0.44659E-03	622075.0	4177049.0	139.9	2.00	14.88	0.47	
580_V43	0	0.44659E-03	622106.4	4177055.5	139.9	2.00	14.88	0.47	
580_V44	0	0.44659E-03	622137.8	4177061.8	139.9	2.00	14.88	0.47	

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
580_V45	0	0.44659E-03	622169.1	4177068.2	139.9	2.00	14.88	0.47	
580_V46	0	0.44659E-03	622200.4	4177074.5	143.1	2.00	14.88	0.47	
580_V47	0	0.44659E-03	622231.8	4177080.8	142.5	2.00	14.88	0.47	
580_V48	0	0.44659E-03	622263.2	4177087.2	145.4	2.00	14.88	0.47	
580_V49	0	0.44659E-03	622294.6	4177093.5	144.3	2.00	14.88	0.47	
580_V50	0	0.44659E-03	622325.9	4177099.8	140.5	2.00	14.88	0.47	
580_V51	0	0.44659E-03	622357.3	4177106.2	138.7	2.00	14.88	0.47	
580_V52	0	0.44659E-03	622388.7	4177112.5	134.7	2.00	14.88	0.47	
580_V53	0	0.44659E-03	622420.0	4177118.8	134.6	2.00	14.88	0.47	
580_V54	0	0.44659E-03	622451.4	4177125.2	137.0	2.00	14.88	0.47	
580_V55	0	0.44659E-03	622482.8	4177131.5	139.2	2.00	14.88	0.47	
580_V56	0	0.44659E-03	622514.1	4177137.8	136.7	2.00	14.88	0.47	
580_V57	0	0.44659E-03	622545.5	4177144.2	137.1	2.00	14.88	0.47	
580_V58	0	0.44659E-03	622576.9	4177150.5	132.6	2.00	14.88	0.47	
580_V59	0	0.44659E-03	622608.2	4177156.8	129.6	2.00	14.88	0.47	
580_V60	0	0.44659E-03	622639.6	4177163.2	133.1	2.00	14.88	0.47	
580_V61	0	0.44659E-03	622670.9	4177169.5	137.9	2.00	14.88	0.47	
580_V62	0	0.44659E-03	622702.3	4177176.0	141.2	2.00	14.88	0.47	
580_V63	0	0.44659E-03	622733.7	4177182.2	139.1	2.00	14.88	0.47	
580_V64	0	0.44659E-03	622765.1	4177188.5	134.8	2.00	14.88	0.47	
580_V65	0	0.44659E-03	622796.4	4177195.0	128.8	2.00	14.88	0.47	
580_V66	0	0.44659E-03	622827.8	4177201.2	127.2	2.00	14.88	0.47	
580_V67	0	0.44659E-03	622859.1	4177207.5	125.9	2.00	14.88	0.47	
580_V68	0	0.44659E-03	622890.5	4177214.0	123.6	2.00	14.88	0.47	
580_V69	0	0.44659E-03	622921.9	4177220.2	121.9	2.00	14.88	0.47	
580_V70	0	0.44659E-03	622953.2	4177226.5	121.9	2.00	14.88	0.47	
580_V71	0	0.44659E-03	622984.6	4177233.0	121.9	2.00	14.88	0.47	
580_V72	0	0.44659E-03	623016.0	4177239.2	123.2	2.00	14.88	0.47	
580_V73	0	0.44659E-03	623047.3	4177245.5	129.9	2.00	14.88	0.47	
580_V74	0	0.44659E-03	623078.7	4177252.0	139.1	2.00	14.88	0.47	
580_V75	0	0.44659E-03	623110.1	4177258.2	146.4	2.00	14.88	0.47	
580_V76	0	0.44659E-03	623141.4	4177264.8	148.1	2.00	14.88	0.47	
580_V77	0	0.44659E-03	623172.8	4177271.0	148.1	2.00	14.88	0.47	
580_V78	0	0.44659E-03	623204.2	4177277.2	148.1	2.00	14.88	0.47	
580_V79	0	0.44659E-03	623235.6	4177283.8	146.8	2.00	14.88	0.47	
580_V80	0	0.44659E-03	623266.9	4177290.0	143.8	2.00	14.88	0.47	
580_V81	0	0.44659E-03	623298.2	4177296.2	142.4	2.00	14.88	0.47	
580_V82	0	0.44659E-03	623329.6	4177302.8	148.0	2.00	14.88	0.47	
580_V83	0	0.44659E-03	623361.0	4177309.0	151.3	2.00	14.88	0.47	

580_V84	0	0.44659E-03	623392.4	4177315.2	152.1	2.00	14.88	0.47	

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SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
580_V85	0	0.44659E-03	623423.8	4177321.8	152.1	2.00	14.88	0.47	
580_V86	0	0.44659E-03	623455.1	4177328.0	150.7	2.00	14.88	0.47	
580_V87	0	0.44659E-03	623486.4	4177334.2	147.8	2.00	14.88	0.47	
580_V88	0	0.44659E-03	623517.8	4177340.8	146.1	2.00	14.88	0.47	
580_V89	0	0.44659E-03	623549.2	4177347.0	146.0	2.00	14.88	0.47	
580_V90	0	0.44659E-03	623580.6	4177353.2	145.9	2.00	14.88	0.47	
580_V91	0	0.44659E-03	623611.9	4177359.8	142.0	2.00	14.88	0.47	
580_V92	0	0.44659E-03	623643.3	4177366.0	137.3	2.00	14.88	0.47	
580_V93	0	0.44659E-03	623674.7	4177372.5	134.9	2.00	14.88	0.47	
580_V94	0	0.44659E-03	623706.0	4177378.8	131.3	2.00	14.88	0.47	
580_V95	0	0.44659E-03	623737.4	4177385.0	129.2	2.00	14.88	0.47	
580_V96	0	0.44659E-03	623768.8	4177391.5	128.2	2.00	14.88	0.47	
580_V97	0	0.44659E-03	623800.1	4177397.8	127.0	2.00	14.88	0.47	
580_V98	0	0.44659E-03	623831.5	4177404.0	126.4	2.00	14.88	0.47	
580_V99	0	0.44659E-03	623862.9	4177410.5	128.0	2.00	14.88	0.47	
580_V100	0	0.44659E-03	623894.2	4177416.8	126.9	2.00	14.88	0.47	
580_V101	0	0.44659E-03	623925.6	4177423.0	122.6	2.00	14.88	0.47	
580_V102	0	0.44659E-03	623956.9	4177429.5	115.8	2.00	14.88	0.47	
580_V103	0	0.44659E-03	623988.3	4177435.8	111.2	2.00	14.88	0.47	
580_V104	0	0.44659E-03	624019.7	4177442.0	110.0	2.00	14.88	0.47	
580_V105	0	0.44659E-03	624051.1	4177448.5	110.0	2.00	14.88	0.47	
580_V106	0	0.44659E-03	624082.4	4177454.8	110.0	2.00	14.88	0.47	
580_V107	0	0.44659E-03	624113.8	4177461.2	110.0	2.00	14.88	0.47	
580_V108	0	0.44659E-03	624145.1	4177467.5	110.0	2.00	14.88	0.47	
580_V109	0	0.44659E-03	624176.5	4177473.8	116.8	2.00	14.88	0.47	
580_V110	0	0.44659E-03	624207.9	4177480.2	121.6	2.00	14.88	0.47	
580_V111	0	0.44659E-03	624239.2	4177486.5	124.4	2.00	14.88	0.47	
580_V112	0	0.44659E-03	624270.6	4177492.8	127.8	2.00	14.88	0.47	
580_V113	0	0.44659E-03	624302.0	4177499.2	127.7	2.00	14.88	0.47	
580_V114	0	0.44659E-03	624333.3	4177505.5	122.2	2.00	14.88	0.47	
580_V115	0	0.44659E-03	624364.7	4177511.8	115.0	2.00	14.88	0.47	
580_V116	0	0.44659E-03	624396.1	4177518.2	111.3	2.00	14.88	0.47	
580_V117	0	0.44659E-03	624427.4	4177524.5	110.0	2.00	14.88	0.47	
580_V118	0	0.44659E-03	624458.8	4177530.8	109.4	2.00	14.88	0.47	
580_V119	0	0.44659E-03	624490.2	4177537.2	105.9	2.00	14.88	0.47	
580_V120	0	0.44659E-03	624521.6	4177543.5	103.9	2.00	14.88	0.47	
580_V121	0	0.44659E-03	624552.9	4177549.8	104.1	2.00	14.88	0.47	
580_V122	0	0.44659E-03	624584.2	4177556.2	104.7	2.00	14.88	0.47	
580_V123	0	0.44659E-03	624615.6	4177562.5	107.7	2.00	14.88	0.47	
580_V124	0	0.44659E-03	624647.0	4177569.0	109.5	2.00	14.88	0.47	

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
580_V125	0	0.44659E-03	624678.4	4177575.2	104.2	2.00	14.88	0.47	
580_V126	0	0.44659E-03	624709.8	4177581.5	100.4	2.00	14.88	0.47	
580_V127	0	0.44659E-03	624741.1	4177588.0	98.7	2.00	14.88	0.47	
580_V128	0	0.44659E-03	624772.5	4177594.2	98.1	2.00	14.88	0.47	
580_V129	0	0.44659E-03	624803.8	4177600.5	98.1	2.00	14.88	0.47	
580_V130	0	0.44659E-03	624835.2	4177607.0	98.1	2.00	14.88	0.47	
580_V131	0	0.44659E-03	624866.6	4177613.2	98.1	2.00	14.88	0.47	
580_V132	0	0.44659E-03	624897.9	4177619.5	98.1	2.00	14.88	0.47	
580_V133	0	0.44659E-03	624929.3	4177626.0	104.7	2.00	14.88	0.47	
580_V134	0	0.44659E-03	624960.7	4177632.2	113.3	2.00	14.88	0.47	
580_V135	0	0.44659E-03	624992.0	4177638.5	120.2	2.00	14.88	0.47	
580_V136	0	0.44659E-03	625023.4	4177645.0	123.4	2.00	14.88	0.47	
580_V137	0	0.44659E-03	625054.8	4177651.2	128.7	2.00	14.88	0.47	
580_V138	0	0.44659E-03	625086.1	4177657.8	132.8	2.00	14.88	0.47	
580_V139	0	0.44659E-03	625117.5	4177664.0	134.5	2.00	14.88	0.47	
580_V140	0	0.44659E-03	625148.9	4177670.2	134.8	2.00	14.88	0.47	
580_V141	0	0.44659E-03	625180.2	4177676.8	136.1	2.00	14.88	0.47	
580_V142	0	0.44659E-03	625211.6	4177683.0	136.8	2.00	14.88	0.47	
580_V143	0	0.44659E-03	625242.9	4177689.2	132.3	2.00	14.88	0.47	
580_V144	0	0.44659E-03	625274.3	4177695.8	128.3	2.00	14.88	0.47	
580_V145	0	0.44659E-03	625305.7	4177702.0	123.9	2.00	14.88	0.47	
580_V146	0	0.44659E-03	625337.1	4177708.2	122.1	2.00	14.88	0.47	
580_V147	0	0.44659E-03	625368.4	4177714.8	124.8	2.00	14.88	0.47	
580_V148	0	0.44659E-03	625399.8	4177721.0	127.3	2.00	14.88	0.47	
580_V149	0	0.44659E-03	625431.1	4177727.2	128.0	2.00	14.88	0.47	
580_V150	0	0.44659E-03	625462.5	4177733.8	127.1	2.00	14.88	0.47	
580_V151	0	0.44659E-03	625493.9	4177740.0	124.9	2.00	14.88	0.47	
580_V152	0	0.44659E-03	625525.2	4177746.2	120.9	2.00	14.88	0.47	
580_V153	0	0.44659E-03	625556.6	4177752.8	113.6	2.00	14.88	0.47	
580_V154	0	0.44659E-03	625588.0	4177759.0	107.1	2.00	14.88	0.47	
580_V155	0	0.44659E-03	625619.4	4177765.5	100.6	2.00	14.88	0.47	
580_V156	0	0.44659E-03	625650.7	4177771.8	97.9	2.00	14.88	0.47	
580_V157	0	0.44659E-03	625682.1	4177778.0	93.9	2.00	14.88	0.47	
580_V158	0	0.44659E-03	625713.4	4177784.5	88.5	2.00	14.88	0.47	
580_V159	0	0.44659E-03	625744.8	4177790.8	85.0	2.00	14.88	0.47	

580_V160	0	0.44659E-03	625776.2	4177797.0	85.8	2.00	14.88	0.47
580_V161	0	0.44659E-03	625807.6	4177803.5	89.1	2.00	14.88	0.47
580_V162	0	0.44659E-03	625838.9	4177809.8	90.9	2.00	14.88	0.47
580_V163	0	0.44659E-03	625870.2	4177816.0	86.5	2.00	14.88	0.47
580_V164	0	0.44659E-03	625901.6	4177822.5	85.0	2.00	14.88	0.47

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
580_V165	0	0.44659E-03	625933.0	4177828.8	86.3	2.00	14.88	0.47	
580_V166	0	0.44659E-03	625964.4	4177835.0	91.0	2.00	14.88	0.47	
580_V167	0	0.44659E-03	625995.8	4177841.5	95.6	2.00	14.88	0.47	
580_V168	0	0.44659E-03	626027.1	4177847.8	98.1	2.00	14.88	0.47	
580_V169	0	0.44659E-03	626058.5	4177854.0	100.9	2.00	14.88	0.47	
580_V170	0	0.44659E-03	626089.8	4177860.5	102.7	2.00	14.88	0.47	
580_V171	0	0.44659E-03	626121.2	4177866.8	103.2	2.00	14.88	0.47	
580_V172	0	0.44659E-03	626152.6	4177873.2	103.4	2.00	14.88	0.47	
580_V173	0	0.44659E-03	626183.9	4177879.5	102.9	2.00	14.88	0.47	
580_V174	0	0.44659E-03	626215.3	4177885.8	103.0	2.00	14.88	0.47	
580_V175	0	0.44659E-03	626246.7	4177892.2	102.1	2.00	14.88	0.47	
580_V176	0	0.44659E-03	626278.0	4177898.5	100.9	2.00	14.88	0.47	
580_V177	0	0.44659E-03	626309.4	4177904.8	99.5	2.00	14.88	0.47	
580_V178	0	0.44659E-03	626340.8	4177911.2	98.4	2.00	14.88	0.47	
580_V179	0	0.44659E-03	626372.1	4177917.5	98.2	2.00	14.88	0.47	
580_V180	0	0.44659E-03	626403.5	4177923.8	98.1	2.00	14.88	0.47	
580_V181	0	0.44659E-03	626434.9	4177930.2	98.1	2.00	14.88	0.47	
580_V182	0	0.44659E-03	626466.2	4177936.5	98.1	2.00	14.88	0.47	
580_V183	0	0.44659E-03	626497.6	4177942.8	98.1	2.00	14.88	0.47	
580_V184	0	0.44659E-03	626528.9	4177949.2	98.1	2.00	14.88	0.47	
580_V185	0	0.44659E-03	626560.3	4177955.5	97.8	2.00	14.88	0.47	
580_V186	0	0.44659E-03	626591.7	4177962.0	97.4	2.00	14.88	0.47	
580_V187	0	0.44659E-03	626623.1	4177968.2	95.6	2.00	14.88	0.47	
580_V188	0	0.44659E-03	626654.4	4177974.5	92.0	2.00	14.88	0.47	
580_V189	0	0.44659E-03	626685.8	4177981.0	88.3	2.00	14.88	0.47	
580_V190	0	0.44659E-03	626717.1	4177987.2	85.3	2.00	14.88	0.47	
580_V191	0	0.44659E-03	626748.5	4177993.5	82.5	2.00	14.88	0.47	
580_V192	0	0.44659E-03	626779.9	4178000.0	80.3	2.00	14.88	0.47	
580_V193	0	0.44659E-03	626811.2	4178006.2	79.2	2.00	14.88	0.47	
580_V194	0	0.44659E-03	626842.6	4178012.5	78.9	2.00	14.88	0.47	
580_V195	0	0.13598E-03	626876.2	4178019.2	80.2	2.00	14.88	0.47	
580_V196	0	0.13598E-03	626898.2	4177996.2	84.4	2.00	14.88	0.47	
580_V197	0	0.13598E-03	626920.2	4177973.0	89.8	2.00	14.88	0.47	
580_V198	0	0.13598E-03	626942.2	4177949.8	96.2	2.00	14.88	0.47	
580_V199	0	0.13598E-03	626964.2	4177926.5	97.1	2.00	14.88	0.47	
580_V200	0	0.13598E-03	626986.2	4177903.2	93.3	2.00	14.88	0.47	
580_V201	0	0.13598E-03	627008.2	4177880.0	91.0	2.00	14.88	0.47	
580_V202	0	0.13598E-03	627030.2	4177856.8	89.7	2.00	14.88	0.47	
580_V203	0	0.13598E-03	627052.2	4177833.5	85.9	2.00	14.88	0.47	
580_V204	0	0.13598E-03	627074.3	4177810.2	87.3	2.00	14.88	0.47	

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
580_V205	0	0.13598E-03	627096.3	4177787.2	89.4	2.00	14.88	0.47	
580_V206	0	0.13598E-03	627118.3	4177764.0	91.1	2.00	14.88	0.47	
580_V207	0	0.13598E-03	627140.4	4177740.8	91.1	2.00	14.88	0.47	
580_V208	0	0.13598E-03	627162.4	4177717.5	91.1	2.00	14.88	0.47	
580_V209	0	0.13598E-03	627184.4	4177694.2	92.0	2.00	14.88	0.47	
580_V210	0	0.13598E-03	627206.4	4177671.0	96.1	2.00	14.88	0.47	
580_V211	0	0.13598E-03	627228.4	4177647.8	96.9	2.00	14.88	0.47	
580_V212	0	0.13598E-03	627250.4	4177624.5	95.9	2.00	14.88	0.47	
580_V213	0	0.13598E-03	627272.4	4177601.2	93.5	2.00	14.88	0.47	
580_V214	0	0.13598E-03	627294.4	4177578.2	94.3	2.00	14.88	0.47	
580_V215	0	0.13598E-03	627316.5	4177555.0	94.7	2.00	14.88	0.47	
580_V216	0	0.13598E-03	627338.5	4177531.8	95.2	2.00	14.88	0.47	
580_V217	0	0.13598E-03	627360.5	4177508.5	95.2	2.00	14.88	0.47	
580_V218	0	0.13598E-03	627382.5	4177485.2	94.5	2.00	14.88	0.47	
580_V219	0	0.13598E-03	627404.5	4177462.0	93.9	2.00	14.88	0.47	
580_V220	0	0.13598E-03	627426.6	4177438.8	97.2	2.00	14.88	0.47	
580_V221	0	0.13598E-03	627448.6	4177415.5	93.4	2.00	14.88	0.47	
580_V222	0	0.13598E-03	627470.6	4177392.2	90.3	2.00	14.88	0.47	
580_V223	0	0.13598E-03	627492.6	4177369.0	87.5	2.00	14.88	0.47	
580_V224	0	0.13598E-03	627514.6	4177346.0	85.6	2.00	14.88	0.47	
580_V225	0	0.13598E-03	627536.6	4177322.8	84.2	2.00	14.88	0.47	
580_V226	0	0.13598E-03	627558.6	4177299.5	82.7	2.00	14.88	0.47	
580_V227	0	0.13598E-03	627580.7	4177276.2	81.7	2.00	14.88	0.47	
580_V228	0	0.13598E-03	627602.7	4177253.0	81.0	2.00	14.88	0.47	
580_V229	0	0.13598E-03	627624.7	4177229.8	80.1	2.00	14.88	0.47	
580_V230	0	0.13598E-03	627646.7	4177206.5	79.3	2.00	14.88	0.47	
580_V231	0	0.13598E-03	627668.8	4177183.2	78.9	2.00	14.88	0.47	
580_V232	0	0.13598E-03	627690.8	4177160.0	78.9	2.00	14.88	0.47	
580_V233	0	0.13598E-03	627712.8	4177137.0	78.9	2.00	14.88	0.47	
580_V234	0	0.13598E-03	627734.8	4177113.8	78.9	2.00	14.88	0.47	
580_V235	0	0.13598E-03	627756.8	4177090.5	78.9	2.00	14.88	0.47	

580_V236	0	0.13598E-03	627778.8	4177067.2	78.9	2.00	14.88	0.47
580_V237	0	0.13598E-03	627800.8	4177044.0	79.1	2.00	14.88	0.47
580_V238	0	0.13598E-03	627822.8	4177020.8	79.8	2.00	14.88	0.47
580_V239	0	0.13598E-03	627844.9	4176997.5	80.7	2.00	14.88	0.47
580_V240	0	0.13598E-03	627866.9	4176974.2	81.6	2.00	14.88	0.47
580_V241	0	0.13598E-03	627888.9	4176951.0	82.0	2.00	14.88	0.47
580_V242	0	0.13598E-03	627910.9	4176928.0	83.2	2.00	14.88	0.47
580_V243	0	0.13598E-03	627932.9	4176904.8	86.2	2.00	14.88	0.47
580_V244	0	0.13598E-03	627954.9	4176881.5	88.6	2.00	14.88	0.47

*** VOLUME SOURCE DATA ***

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580_V245	0	0.13598E-03	627976.9	4176858.2	90.3	2.00	14.88	0.47	
580_V246	0	0.13598E-03	627998.9	4176835.0	92.0	2.00	14.88	0.47	
580_V247	0	0.13598E-03	628021.0	4176811.8	92.8	2.00	14.88	0.47	
580_V248	0	0.13598E-03	628043.0	4176788.5	93.4	2.00	14.88	0.47	
580_V249	0	0.13598E-03	628065.0	4176765.2	94.2	2.00	14.88	0.47	
580_V250	0	0.13598E-03	628087.0	4176742.0	94.4	2.00	14.88	0.47	
580_V251	0	0.13598E-03	628109.1	4176719.0	93.0	2.00	14.88	0.47	
580_V252	0	0.13598E-03	628131.1	4176695.8	91.7	2.00	14.88	0.47	
580_V253	0	0.13598E-03	628153.1	4176672.5	88.6	2.00	14.88	0.47	
580_V254	0	0.13598E-03	628175.1	4176649.2	84.2	2.00	14.88	0.47	
580_V255	0	0.13598E-03	628197.1	4176626.0	81.7	2.00	14.88	0.47	
580_V256	0	0.13598E-03	628219.1	4176602.8	79.3	2.00	14.88	0.47	
580_V257	0	0.13598E-03	628241.1	4176579.5	78.9	2.00	14.88	0.47	
580_V258	0	0.13598E-03	628263.1	4176556.2	79.4	2.00	14.88	0.47	
580_V259	0	0.13598E-03	628285.2	4176533.0	80.2	2.00	14.88	0.47	
580_V260	0	0.13598E-03	628307.2	4176509.8	80.4	2.00	14.88	0.47	
580_V261	0	0.13598E-03	628329.2	4176486.8	79.7	2.00	14.88	0.47	
580_V262	0	0.13598E-03	628351.2	4176463.5	76.3	2.00	14.88	0.47	
580_V263	0	0.13598E-03	628373.2	4176440.2	74.2	2.00	14.88	0.47	
580_V264	0	0.13598E-03	628395.2	4176417.0	73.7	2.00	14.88	0.47	
580_V265	0	0.13598E-03	628417.2	4176393.8	73.2	2.00	14.88	0.47	
580_V266	0	0.13598E-03	628439.2	4176370.5	73.2	2.00	14.88	0.47	
580_V267	0	0.13598E-03	628461.3	4176347.2	73.4	2.00	14.88	0.47	
580_V268	0	0.13598E-03	628483.3	4176324.0	74.8	2.00	14.88	0.47	
580_V269	0	0.13598E-03	628505.3	4176300.8	76.1	2.00	14.88	0.47	
580_V270	0	0.13598E-03	628527.3	4176277.8	77.8	2.00	14.88	0.47	
580_V271	0	0.13598E-03	628549.4	4176254.5	78.5	2.00	14.88	0.47	
580_V272	0	0.13598E-03	628571.4	4176231.2	78.7	2.00	14.88	0.47	
580_V273	0	0.13598E-03	628593.4	4176208.0	78.8	2.00	14.88	0.47	
580_V274	0	0.13598E-03	628615.4	4176184.8	78.2	2.00	14.88	0.47	
580_V275	0	0.13598E-03	628637.4	4176161.5	78.3	2.00	14.88	0.47	
580_V276	0	0.13598E-03	628659.4	4176138.2	77.7	2.00	14.88	0.47	
580_V277	0	0.13598E-03	628681.4	4176115.0	77.1	2.00	14.88	0.47	
580_V278	0	0.13598E-03	628703.4	4176091.8	76.2	2.00	14.88	0.47	
580_V279	0	0.13598E-03	628725.5	4176068.8	75.8	2.00	14.88	0.47	
580_V280	0	0.13598E-03	628747.5	4176045.5	76.2	2.00	14.88	0.47	
580_V281	0	0.13598E-03	628769.5	4176022.2	76.2	2.00	14.88	0.47	
580_V282	0	0.13598E-03	628791.5	4175999.0	76.3	2.00	14.88	0.47	
580_V283	0	0.13598E-03	628813.6	4175975.8	76.4	2.00	14.88	0.47	
580_V284	0	0.13598E-03	628835.6	4175952.5	76.4	2.00	14.88	0.47	

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
580_V285	0	0.13598E-03	628857.6	4175929.2	76.7	2.00	14.88	0.47	
580_V286	0	0.13598E-03	628879.6	4175906.0	77.6	2.00	14.88	0.47	
580_V287	0	0.13598E-03	628901.6	4175882.8	78.8	2.00	14.88	0.47	
580_V288	0	0.13598E-03	628923.6	4175859.8	78.9	2.00	14.88	0.47	
580_V289	0	0.13598E-03	628945.6	4175836.5	78.9	2.00	14.88	0.47	
580_V290	0	0.13598E-03	628967.6	4175813.2	78.9	2.00	14.88	0.47	
580_V291	0	0.13598E-03	628989.7	4175790.0	78.9	2.00	14.88	0.47	
580_V292	0	0.13598E-03	629011.7	4175766.8	78.9	2.00	14.88	0.47	
580_V293	0	0.13598E-03	629033.7	4175743.5	78.9	2.00	14.88	0.47	
580_V294	0	0.13598E-03	629055.7	4175720.2	78.9	2.00	14.88	0.47	
580_V295	0	0.13598E-03	629077.8	4175697.0	78.9	2.00	14.88	0.47	
580_V296	0	0.13598E-03	629099.8	4175673.8	78.9	2.00	14.88	0.47	
580_V297	0	0.13598E-03	629121.8	4175650.5	79.5	2.00	14.88	0.47	
580_V298	0	0.13598E-03	629143.8	4175627.5	81.8	2.00	14.88	0.47	
580_V299	0	0.13598E-03	629165.8	4175604.2	85.0	2.00	14.88	0.47	
580_V300	0	0.13598E-03	629187.8	4175581.0	85.0	2.00	14.88	0.47	
580_V301	0	0.13598E-03	629209.8	4175557.8	85.0	2.00	14.88	0.47	
580_V302	0	0.13598E-03	629231.8	4175534.5	82.1	2.00	14.88	0.47	
580_V303	0	0.13598E-03	629253.9	4175511.2	78.8	2.00	14.88	0.47	
580_V304	0	0.13598E-03	629275.9	4175488.0	78.2	2.00	14.88	0.47	
580_V305	0	0.13598E-03	629297.9	4175464.8	77.5	2.00	14.88	0.47	
580_V306	0	0.13598E-03	629319.9	4175441.5	76.7	2.00	14.88	0.47	
580_V307	0	0.13598E-03	629341.9	4175418.5	75.8	2.00	14.88	0.47	
580_V308	0	0.13598E-03	629363.9	4175395.2	75.2	2.00	14.88	0.47	
580_V309	0	0.13598E-03	629385.9	4175372.0	74.5	2.00	14.88	0.47	
580_V310	0	0.13598E-03	629407.9	4175348.8	73.8	2.00	14.88	0.47	
580_V311	0	0.13598E-03	629430.0	4175325.5	73.2	2.00	14.88	0.47	

580_V312	0	0.13598E-03	629452.0	4175302.2	73.2	2.00	14.88	0.47
580_V313	0	0.13598E-03	629474.0	4175279.0	73.2	2.00	14.88	0.47
580_V314	0	0.13598E-03	629496.0	4175255.8	73.2	2.00	14.88	0.47
580_V315	0	0.13598E-03	629518.1	4175232.5	73.7	2.00	14.88	0.47
580_V316	0	0.13598E-03	629540.1	4175209.5	74.4	2.00	14.88	0.47
580_V317	0	0.13598E-03	629562.1	4175186.2	75.4	2.00	14.88	0.47
580_V318	0	0.13598E-03	629584.1	4175163.0	76.0	2.00	14.88	0.47
580_V319	0	0.13598E-03	629606.1	4175139.8	77.1	2.00	14.88	0.47
580_V320	0	0.13598E-03	629628.1	4175116.5	77.8	2.00	14.88	0.47
580_V321	0	0.13598E-03	629650.1	4175093.2	78.5	2.00	14.88	0.47
580_V322	0	0.13598E-03	629672.1	4175070.0	78.9	2.00	14.88	0.47
580_V323	0	0.13598E-03	629694.2	4175046.8	78.9	2.00	14.88	0.47
580_V324	0	0.13598E-03	629716.2	4175023.5	78.9	2.00	14.88	0.47

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
580_V325	0	0.13598E-03	629738.2	4175000.5	78.9	2.00	14.88	0.47	
580_V326	0	0.13598E-03	629760.2	4174977.2	78.9	2.00	14.88	0.47	
580_V327	0	0.13598E-03	629782.2	4174954.0	78.9	2.00	14.88	0.47	
580_V328	0	0.13598E-03	629804.2	4174930.8	79.5	2.00	14.88	0.47	
580_V329	0	0.13598E-03	629826.2	4174907.5	80.4	2.00	14.88	0.47	
580_V330	0	0.13598E-03	629848.2	4174884.2	81.4	2.00	14.88	0.47	
580_V331	0	0.13598E-03	629870.3	4174861.0	82.9	2.00	14.88	0.47	
580_V332	0	0.13598E-03	629892.3	4174837.8	83.8	2.00	14.88	0.47	
580_V333	0	0.13598E-03	629914.3	4174814.5	84.0	2.00	14.88	0.47	
580_V334	0	0.13598E-03	629936.3	4174791.2	84.2	2.00	14.88	0.47	
580_V335	0	0.13598E-03	629958.4	4174768.2	83.4	2.00	14.88	0.47	
580_V336	0	0.13598E-03	629980.4	4174745.0	83.6	2.00	14.88	0.47	
580_V337	0	0.13598E-03	630002.4	4174721.8	82.9	2.00	14.88	0.47	
580_V338	0	0.13598E-03	630024.4	4174698.5	83.0	2.00	14.88	0.47	
580_V339	0	0.13598E-03	630046.4	4174675.2	83.1	2.00	14.88	0.47	
580_V340	0	0.13598E-03	630068.4	4174652.0	84.0	2.00	14.88	0.47	
580_V341	0	0.13598E-03	630090.4	4174628.8	84.8	2.00	14.88	0.47	
580_V342	0	0.13598E-03	630112.5	4174605.5	85.0	2.00	14.88	0.47	
580_V343	0	0.13598E-03	630134.5	4174582.2	84.3	2.00	14.88	0.47	
580_V344	0	0.13598E-03	630156.5	4174559.2	82.9	2.00	14.88	0.47	
580_V345	0	0.13598E-03	630178.5	4174536.0	82.2	2.00	14.88	0.47	
580_V346	0	0.13598E-03	630200.5	4174512.8	80.7	2.00	14.88	0.47	
580_V347	0	0.13598E-03	630222.6	4174489.5	79.5	2.00	14.88	0.47	
580_V348	0	0.13598E-03	630244.6	4174466.2	79.1	2.00	14.88	0.47	
580_V349	0	0.13598E-03	630266.6	4174443.0	79.8	2.00	14.88	0.47	
580_V350	0	0.13598E-03	630288.6	4174419.8	83.8	2.00	14.88	0.47	
580_V351	0	0.13598E-03	630310.6	4174396.5	86.2	2.00	14.88	0.47	
580_V352	0	0.13598E-03	630332.6	4174373.2	88.3	2.00	14.88	0.47	
580_V353	0	0.13598E-03	630354.6	4174350.2	89.0	2.00	14.88	0.47	
580_V354	0	0.13598E-03	630376.7	4174327.0	90.1	2.00	14.88	0.47	
580_V355	0	0.13598E-03	630398.7	4174303.8	90.3	2.00	14.88	0.47	
580_V356	0	0.13598E-03	630420.7	4174280.5	89.9	2.00	14.88	0.47	
580_V357	0	0.13598E-03	630442.7	4174257.2	88.6	2.00	14.88	0.47	
580_V358	0	0.13598E-03	630464.8	4174234.0	88.4	2.00	14.88	0.47	
580_V359	0	0.13598E-03	630486.8	4174210.8	88.2	2.00	14.88	0.47	
580_V360	0	0.13598E-03	630508.8	4174187.5	87.5	2.00	14.88	0.47	
580_V361	0	0.13598E-03	630530.8	4174164.2	87.0	2.00	14.88	0.47	
580_V362	0	0.13598E-03	630552.8	4174141.2	87.5	2.00	14.88	0.47	
580_V363	0	0.13598E-03	630574.8	4174118.0	89.0	2.00	14.88	0.47	
580_V364	0	0.13598E-03	630596.8	4174094.8	90.1	2.00	14.88	0.47	

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
580_V365	0	0.13598E-03	630618.8	4174071.5	90.6	2.00	14.88	0.47	
580_V366	0	0.13598E-03	630640.8	4174048.2	90.8	2.00	14.88	0.47	
580_V367	0	0.13598E-03	630662.9	4174025.0	90.9	2.00	14.88	0.47	
580_V368	0	0.13598E-03	630684.9	4174001.8	91.2	2.00	14.88	0.47	
580_V369	0	0.13598E-03	630706.9	4173978.5	91.3	2.00	14.88	0.47	
580_V370	0	0.13598E-03	630728.9	4173955.2	91.1	2.00	14.88	0.47	
580_V371	0	0.13598E-03	630750.9	4173932.0	91.1	2.00	14.88	0.47	
580_V372	0	0.13598E-03	630772.9	4173909.0	90.9	2.00	14.88	0.47	

*** 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
T1_2	0	0.60783E-07	628116.4	4180899.5	25.9	1.00	1110.00	1000.00	0.00	0.00	
T1_4	0	0.60783E-07	631076.7	4178114.0	32.0	1.00	1000.00	1000.00	0.00	0.00	
T1_5	0	0.60783E-07	630065.8	4178612.2	34.1	1.00	1000.00	500.00	0.00	0.00	

T1_6	0	0.60783E-07	632649.2	4175035.5	49.1	1.00	500.00	500.00	0.00	0.00
T2_1	0	0.60783E-07	639483.7	4177917.0	14.9	1.00	800.00	1600.00	0.00	0.00
T2_2	0	0.60783E-07	639675.4	4179551.5	10.3	1.00	400.00	800.00	0.00	0.00
T2_3	0	0.60783E-07	637887.8	4180554.2	4.4	1.00	750.00	600.00	0.00	0.00
T2_4	0	0.60783E-07	634672.0	4177033.8	18.9	1.00	4800.00	2800.00	0.00	0.00
T2_5	0	0.60783E-07	636309.1	4179833.0	8.4	1.00	3300.00	700.00	0.00	0.00
T2_6	0	0.60783E-07	635009.7	4179832.5	4.9	1.00	1300.00	700.00	0.00	0.00
T2_7	0	0.60783E-07	635677.2	4176442.5	18.9	1.00	750.00	600.00	0.00	0.00
T2_8	0	0.60783E-07	641094.2	4178573.5	12.1	1.00	600.00	900.00	0.00	0.00
T2_9	0	0.60783E-07	638662.2	4180549.0	6.0	1.00	600.00	1200.00	0.00	0.00
T2_10	0	0.60783E-07	640596.5	4177501.5	15.8	1.00	500.00	750.00	0.00	0.00
T2_11	0	0.60783E-07	640596.5	4180347.8	7.6	1.00	600.00	350.00	0.00	0.00
T2_12	0	0.60783E-07	636115.8	4180549.5	3.1	1.00	1800.00	500.00	0.00	0.00
T2_13	0	0.60783E-07	634271.4	4177847.2	15.8	1.00	400.00	1100.00	0.00	0.00
T2_14	0	0.60783E-07	634250.4	4179083.5	8.6	1.00	400.00	400.00	0.00	0.00
T3_1	0	0.60783E-07	641214.6	4174483.0	31.1	1.00	700.00	1500.00	0.00	0.00
T3_2	0	0.60783E-07	638224.2	4173991.2	36.9	1.00	550.00	1000.00	0.00	0.00
T3_3	0	0.60783E-07	638100.1	4172248.2	53.0	1.00	700.00	800.00	0.00	0.00
T3_4	0	0.60783E-07	639651.7	4172767.0	43.9	1.00	400.00	300.00	0.00	0.00
T3_5	0	0.60783E-07	636466.2	4172690.0	56.1	1.00	600.00	350.00	0.00	0.00
T3_6	0	0.60783E-07	636459.0	4173059.8	52.1	1.00	4700.00	850.00	0.00	0.00
T3_7	0	0.60783E-07	637277.9	4173917.2	38.1	1.00	750.00	750.00	0.00	0.00
T3_8	0	0.60783E-07	638786.1	4173934.8	36.6	1.00	2400.00	1350.00	0.00	0.00
T3_9	0	0.60783E-07	636458.9	4174739.5	31.1	1.00	1600.00	2300.00	0.00	0.00
T3_10	0	0.60783E-07	638076.8	4174981.8	29.0	1.00	700.00	2050.00	0.00	0.00
T3_11	0	0.60783E-07	636654.8	4171235.8	74.8	1.00	1400.00	1400.00	0.00	0.00
T3_12	0	0.60783E-07	639617.4	4175302.0	29.9	1.00	1550.00	250.00	0.00	0.00
T3_13	0	0.60783E-07	638785.4	4175818.0	25.9	1.00	700.00	1200.00	0.00	0.00
T3_14	0	0.60783E-07	635012.3	4175928.0	25.9	1.00	1450.00	500.00	0.00	0.00
T3_15	0	0.60783E-07	634561.8	4175526.8	31.1	1.00	900.00	400.00	0.00	0.00
5_1	0	0.72768E-08	646185.2	4166813.2	56.2	2.00	16.00	160.00	0.00	0.47
5_2	0	0.72768E-08	646182.5	4166973.2	54.2	2.00	16.00	160.00	0.00	0.47
5_3	0	0.72768E-08	646179.8	4167133.2	52.7	2.00	16.00	160.00	0.00	0.47
5_4	0	0.72768E-08	646177.1	4167293.2	50.4	2.00	16.00	160.00	0.00	0.47
5_5	0	0.72768E-08	646174.4	4167453.2	49.0	2.00	16.00	160.00	0.00	0.47
5_6	0	0.72768E-08	646171.7	4167613.2	47.1	2.00	16.00	160.00	0.00	0.47
5_7	0	0.72768E-08	646169.0	4167773.2	45.8	2.00	16.00	160.00	0.00	0.47

*** 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
5_8	0	0.72768E-08	646166.3	4167933.2	44.2	2.00	16.00	160.00	0.00	0.47	
5_9	0	0.72768E-08	646163.6	4168093.2	42.5	2.00	16.00	160.00	0.00	0.47	
5_10	0	0.72768E-08	646160.9	4168253.2	41.0	2.00	16.00	160.00	0.00	0.47	
5_11	0	0.72768E-08	646158.2	4168413.2	39.4	2.00	16.00	160.00	0.00	0.47	
5_12	0	0.72768E-08	646155.5	4168573.2	38.2	2.00	16.00	160.00	0.00	0.47	
5_13	0	0.72768E-08	646152.8	4168733.2	36.9	2.00	16.00	160.00	0.00	0.47	
5_14	0	0.72768E-08	646150.1	4168893.2	35.5	2.00	16.00	160.00	0.00	0.47	
5_15	0	0.72768E-08	646147.4	4169053.2	34.3	2.00	16.00	160.00	0.00	0.47	
5_16	0	0.72768E-08	646144.7	4169213.2	32.9	2.00	16.00	160.00	0.00	0.47	
5_17	0	0.72768E-08	646142.0	4169373.2	31.4	2.00	16.00	160.00	0.00	0.47	
5_18	0	0.72768E-08	646139.3	4169533.2	30.2	2.00	16.00	160.00	0.00	0.47	
5_19	0	0.72768E-08	646136.6	4169693.2	29.3	2.00	16.00	160.00	0.00	0.47	
5_20	0	0.72768E-08	646133.9	4169853.2	28.6	2.00	16.00	160.00	0.00	0.47	
5_21	0	0.72768E-08	646131.2	4170013.2	27.6	2.00	16.00	160.00	0.00	0.47	
5_22	0	0.72768E-08	646128.5	4170173.2	26.8	2.00	16.00	160.00	0.00	0.47	
5_23	0	0.72768E-08	646125.8	4170333.2	25.9	2.00	16.00	160.00	0.00	0.47	
5_24	0	0.72768E-08	646123.1	4170493.2	25.1	2.00	16.00	160.00	0.00	0.47	
5_25	0	0.72768E-08	646120.4	4170653.2	24.4	2.00	16.00	160.00	0.00	0.47	
5_26	0	0.72768E-08	646117.7	4170813.2	23.8	2.00	16.00	160.00	0.00	0.47	
5_27	0	0.72768E-08	646115.0	4170973.2	23.3	2.00	16.00	160.00	0.00	0.47	
5_28	0	0.72768E-08	646112.3	4171133.2	22.9	2.00	16.00	160.00	0.00	0.47	
5_29	0	0.72768E-08	646109.6	4171293.2	21.8	2.00	16.00	160.00	0.00	0.47	
5_30	0	0.72768E-08	646106.9	4171453.2	22.9	2.00	16.00	160.00	0.00	0.47	
5_31	0	0.72768E-08	646104.2	4171613.2	22.0	2.00	16.00	160.00	0.00	0.47	
5_32	0	0.72768E-08	646101.5	4171773.2	21.3	2.00	16.00	160.00	0.00	0.47	
5_33	0	0.72768E-08	646098.8	4171933.2	21.3	2.00	16.00	160.00	0.00	0.47	
5_34	0	0.72768E-08	646096.1	4172093.2	21.0	2.00	16.00	160.00	0.00	0.47	
5_35	0	0.72768E-08	646093.4	4172253.2	20.9	2.00	16.00	160.00	0.00	0.47	
5_36	0	0.72768E-08	646090.7	4172413.2	20.7	2.00	16.00	160.00	0.00	0.47	
5_37	0	0.72768E-08	646088.0	4172573.2	20.7	2.00	16.00	160.00	0.00	0.47	
5_38	0	0.72768E-08	646085.2	4172733.2	20.7	2.00	16.00	160.00	0.00	0.47	
5_39	0	0.72768E-08	646082.6	4172893.2	20.4	2.00	16.00	160.00	0.00	0.47	
5_40	0	0.72768E-08	646079.9	4173053.2	20.2	2.00	16.00	160.00	0.00	0.47	
5_41	0	0.72768E-08	646077.2	4173213.2	19.8	2.00	16.00	160.00	0.00	0.47	
5_42	0	0.72768E-08	646074.5	4173373.2	19.8	2.00	16.00	160.00	0.00	0.47	
5_43	0	0.72768E-08	646071.8	4173533.2	19.3	2.00	16.00	160.00	0.00	0.47	
5_44	0	0.72768E-08	646069.1	4173693.2	18.9	2.00	16.00	160.00	0.00	0.47	
5_45	0	0.72768E-08	646066.4	4173853.2	18.4	2.00	16.00	160.00	0.00	0.47	
5_46	0	0.72768E-08	646063.7	4174013.2	18.3	2.00	16.00	160.00	0.00	0.47	
5_47	0	0.72768E-08	646061.0	4174173.2	18.3	2.00	16.00	160.00	0.00	0.47	

*** AREA SOURCE DATA ***

SOURCE	NUMBER PART.	EMISSION RATE (GRAMS/SEC	COORD (SW CORNER) X	Y	BASE ELEV.	RELEASE HEIGHT	X-DIM OF AREA	Y-DIM OF AREA	ORIENT. OF AREA	INIT. SZ	EMISSION RATE SCALAR

VARY ID	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(DEG.)	(METERS)	BY
5_48	0	0.72768E-08	646058.2	4174333.2	18.2	2.00	16.00	160.00	0.00	0.47	
5_49	0	0.72768E-08	646055.6	4174493.2	17.7	2.00	16.00	160.00	0.00	0.47	
5_50	0	0.72768E-08	646052.9	4174653.2	17.4	2.00	16.00	160.00	0.00	0.47	
5_51	0	0.72768E-08	646050.2	4174813.2	17.1	2.00	16.00	160.00	0.00	0.47	
5_52	0	0.72768E-08	646047.5	4174973.2	16.8	2.00	16.00	160.00	0.00	0.47	
5_53	0	0.72768E-08	646044.8	4175133.2	16.5	2.00	16.00	160.00	0.00	0.47	
5_54	0	0.72768E-08	646042.1	4175293.2	16.3	2.00	16.00	160.00	0.00	0.47	
5_55	0	0.72768E-08	646039.4	4175453.2	16.2	2.00	16.00	160.00	0.00	0.47	
5_56	0	0.72768E-08	646036.7	4175613.2	15.8	2.00	16.00	160.00	0.00	0.47	
5_57	0	0.72768E-08	646034.0	4175773.2	15.5	2.00	16.00	160.00	0.00	0.47	
5_58	0	0.72768E-08	646031.2	4175933.2	15.2	2.00	16.00	160.00	0.00	0.47	
5_59	0	0.72768E-08	646028.6	4176093.2	14.6	2.00	16.00	160.00	0.00	0.47	
5_60	0	0.72768E-08	646025.9	4176253.2	14.3	2.00	16.00	160.00	0.00	0.47	
5_61	0	0.72768E-08	646023.2	4176413.2	13.7	2.00	16.00	160.00	0.00	0.47	
5_62	0	0.72768E-08	646020.5	4176573.2	13.7	2.00	16.00	160.00	0.00	0.47	
5_63	0	0.72768E-08	646017.8	4176733.2	13.0	2.00	16.00	160.00	0.00	0.47	
5_64	0	0.72768E-08	646015.1	4176893.2	12.5	2.00	16.00	160.00	0.00	0.47	
5_65	0	0.72768E-08	646012.4	4177053.2	12.3	2.00	16.00	160.00	0.00	0.47	
5_66	0	0.72768E-08	646009.7	4177213.2	12.2	2.00	16.00	160.00	0.00	0.47	
5_67	0	0.72768E-08	646006.9	4177373.2	11.0	2.00	16.00	160.00	0.00	0.47	
5_68	0	0.72768E-08	646004.2	4177533.2	10.0	2.00	16.00	160.00	0.00	0.47	
5_69	0	0.72768E-08	646001.6	4177693.2	9.0	2.00	16.00	160.00	0.00	0.47	
5_70	0	0.72768E-08	645998.9	4177853.2	8.3	2.00	16.00	160.00	0.00	0.47	
5_71	0	0.72768E-08	645996.2	4178013.2	7.6	2.00	16.00	160.00	0.00	0.47	
5_72	0	0.72768E-08	645993.4	4178173.2	7.6	2.00	16.00	160.00	0.00	0.47	
5_73	0	0.72768E-08	645990.8	4178333.2	7.6	2.00	16.00	160.00	0.00	0.47	
5_74	0	0.72768E-08	645988.1	4178493.2	7.0	2.00	16.00	160.00	0.00	0.47	
5_75	0	0.72768E-08	645985.4	4178653.2	6.7	2.00	16.00	160.00	0.00	0.47	
5_76	0	0.72768E-08	645982.7	4178813.2	6.4	2.00	16.00	160.00	0.00	0.47	
5_77	0	0.72768E-08	645979.9	4178973.2	6.1	2.00	16.00	160.00	0.00	0.47	
5_78	0	0.72768E-08	645977.2	4179133.2	6.1	2.00	16.00	160.00	0.00	0.47	
5_79	0	0.72768E-08	645974.6	4179293.2	5.5	2.00	16.00	160.00	0.00	0.47	
5_80	0	0.72768E-08	645971.9	4179453.2	4.8	2.00	16.00	160.00	0.00	0.47	
5_81	0	0.72768E-08	645969.1	4179613.2	4.5	2.00	16.00	160.00	0.00	0.47	
5_82	0	0.72768E-08	645966.4	4179773.2	4.3	2.00	16.00	160.00	0.00	0.47	
5_83	0	0.72768E-08	645963.8	4179933.2	4.3	2.00	16.00	160.00	0.00	0.47	
205_1	0	0.43202E-06	630588.0	4177976.0	36.0	2.00	160.00	16.00	0.00	0.47	
205_2	0	0.43202E-06	630748.0	4177974.0	34.2	2.00	160.00	16.00	0.00	0.47	
205_3	0	0.43202E-06	630908.0	4177971.8	34.1	2.00	160.00	16.00	0.00	0.47	
205_4	0	0.43202E-06	631068.0	4177969.8	34.1	2.00	160.00	16.00	0.00	0.47	

*** AREA SOURCE DATA ***

RATE SOURCE VARY 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 SCALAR BY
205_5	0	0.43202E-06	631228.0	4177967.8	32.9	2.00	160.00	16.00	0.00	0.47	
205_6	0	0.43202E-06	631388.0	4177965.8	32.0	2.00	160.00	16.00	0.00	0.47	
205_7	0	0.43202E-06	631548.0	4177963.5	31.1	2.00	160.00	16.00	0.00	0.47	
205_8	0	0.43202E-06	631708.0	4177961.5	29.9	2.00	160.00	16.00	0.00	0.47	
205_9	0	0.43202E-06	631868.0	4177959.5	28.5	2.00	160.00	16.00	0.00	0.47	
205_10	0	0.43202E-06	632028.0	4177957.5	27.9	2.00	160.00	16.00	0.00	0.47	
205_11	0	0.43202E-06	632188.0	4177955.2	25.9	2.00	160.00	16.00	0.00	0.47	
205_12	0	0.43202E-06	632348.0	4177953.2	24.7	2.00	160.00	16.00	0.00	0.47	
205_13	0	0.43202E-06	632454.1	4177947.2	22.9	2.00	160.00	16.00	-25.00	0.47	
205_14	0	0.43202E-06	632596.9	4178019.2	21.9	2.00	160.00	16.00	-25.00	0.47	
205_15	0	0.43202E-06	632739.8	4178091.5	21.0	2.00	160.00	16.00	-25.00	0.47	
205_16	0	0.43202E-06	632882.6	4178163.5	18.8	2.00	160.00	16.00	-25.00	0.47	
205_17	0	0.43202E-06	633025.5	4178235.5	18.4	2.00	160.00	16.00	-25.00	0.47	
205_18	0	0.43202E-06	633168.3	4178307.5	18.0	2.00	160.00	16.00	-25.00	0.47	
205_19	0	0.43202E-06	633311.2	4178379.8	17.1	2.00	160.00	16.00	-25.00	0.47	
205_20	0	0.43202E-06	633454.0	4178451.8	15.8	2.00	160.00	16.00	-25.00	0.47	
205_21	0	0.43202E-06	633596.9	4178523.8	14.9	2.00	160.00	16.00	-25.00	0.47	
205_22	0	0.43202E-06	633739.8	4178596.0	14.0	2.00	160.00	16.00	-25.00	0.47	
205_23	0	0.43202E-06	633882.6	4178668.0	11.9	2.00	160.00	16.00	-25.00	0.47	
205_24	0	0.43202E-06	634025.4	4178740.0	11.0	2.00	160.00	16.00	-25.00	0.47	
205_25	0	0.43202E-06	634168.2	4178812.2	10.1	2.00	160.00	16.00	-25.00	0.47	
205_26	0	0.43202E-06	634311.1	4178884.2	9.9	2.00	160.00	16.00	-25.00	0.47	
205_27	0	0.43202E-06	634453.9	4178956.2	11.9	2.00	160.00	16.00	-25.00	0.47	
205_28	0	0.43202E-06	634596.8	4179028.2	13.0	2.00	160.00	16.00	-25.00	0.47	
205_29	0	0.43202E-06	634739.6	4179100.5	13.1	2.00	160.00	16.00	-25.00	0.47	
205_30	0	0.43202E-06	634882.5	4179172.5	12.8	2.00	160.00	16.00	-25.00	0.47	
205_31	0	0.43202E-06	635025.4	4179244.5	9.4	2.00	160.00	16.00	-25.00	0.47	
205_32	0	0.43202E-06	635168.2	4179316.8	8.6	2.00	160.00	16.00	-25.00	0.47	
205_33	0	0.43202E-06	635311.1	4179388.8	7.9	2.00	160.00	16.00	-25.00	0.47	
205_34	0	0.43202E-06	635453.9	4179460.8	7.6	2.00	160.00	16.00	-25.00	0.47	
205_35	0	0.43202E-06	635596.8	4179533.0	8.6	2.00	160.00	16.00	-25.00	0.47	
205_36	0	0.43202E-06	635739.6	4179605.0	11.5	2.00	160.00	16.00	-25.00	0.47	
205_37	0	0.43202E-06	635882.4	4179677.0	7.6	2.00	160.00	16.00	-25.00	0.47	
205_38	0	0.43202E-06	636025.2	4179749.0	7.6	2.00	160.00	16.00	-25.00	0.47	
205_39	0	0.43202E-06	636168.1	4179821.2	9.5	2.00	160.00	16.00	-25.00	0.47	
205_40	0	0.43202E-06	636311.0	4179893.2	11.8	2.00	160.00	16.00	-25.00	0.47	
205_41	0	0.43202E-06	636453.8	4179965.2	10.5	2.00	160.00	16.00	-25.00	0.47	
205_42	0	0.43202E-06	636596.7	4180037.5	7.7	2.00	160.00	16.00	-25.00	0.47	
205_43	0	0.43202E-06	636739.5	4180109.5	6.1	2.00	160.00	16.00	-25.00	0.47	

205_44	0	0.43202E-06	636882.4	4180181.5	6.1	2.00	160.00	16.00	-25.00	0.47

*** 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
205_45	0	0.43202E-06	637025.2	4180253.8	6.1	2.00	160.00	16.00	-25.00	0.47	
205_46	0	0.43202E-06	637168.1	4180325.8	6.1	2.00	160.00	16.00	-25.00	0.47	
205_47	0	0.43202E-06	637310.9	4180397.8	6.1	2.00	160.00	16.00	-25.00	0.47	
205_48	0	0.43202E-06	637453.8	4180469.8	5.9	2.00	160.00	16.00	-25.00	0.47	
205_49	0	0.43202E-06	637570.6	4180528.8	4.1	2.00	160.00	16.00	0.00	0.47	
205_50	0	0.43202E-06	637730.4	4180537.2	5.0	2.00	160.00	16.00	0.00	0.47	
205_51	0	0.43202E-06	637890.2	4180545.5	4.6	2.00	160.00	16.00	0.00	0.47	
205_52	0	0.43202E-06	638050.0	4180553.8	4.5	2.00	160.00	16.00	0.00	0.47	
205_53	0	0.43202E-06	638209.8	4180562.0	4.6	2.00	160.00	16.00	0.00	0.47	
205_54	0	0.43202E-06	638369.6	4180570.2	5.4	2.00	160.00	16.00	0.00	0.47	
205_55	0	0.43202E-06	638529.3	4180578.5	5.6	2.00	160.00	16.00	0.00	0.47	
205_56	0	0.43202E-06	638689.1	4180586.8	6.1	2.00	160.00	16.00	0.00	0.47	
205_57	0	0.43202E-06	638848.9	4180595.2	6.1	2.00	160.00	16.00	0.00	0.47	
205_58	0	0.43202E-06	639008.7	4180603.5	5.7	2.00	160.00	16.00	0.00	0.47	
205_59	0	0.43202E-06	639168.5	4180611.8	6.0	2.00	160.00	16.00	0.00	0.47	
205_60	0	0.43202E-06	639328.2	4180620.0	6.7	2.00	160.00	16.00	0.00	0.47	
205_61	0	0.43202E-06	639488.1	4180628.2	12.3	2.00	160.00	16.00	0.00	0.47	
205_62	0	0.43202E-06	639647.8	4180636.5	12.6	2.00	160.00	16.00	0.00	0.47	
205_63	0	0.43202E-06	639807.6	4180644.8	8.4	2.00	160.00	16.00	0.00	0.47	
205_64	0	0.43202E-06	639967.4	4180653.2	8.0	2.00	160.00	16.00	0.00	0.47	
205_65	0	0.43202E-06	640127.2	4180661.5	7.6	2.00	160.00	16.00	0.00	0.47	
205_66	0	0.43202E-06	640286.9	4180669.8	7.6	2.00	160.00	16.00	0.00	0.47	
205_67	0	0.43202E-06	640446.8	4180678.0	7.9	2.00	160.00	16.00	0.00	0.47	
205_68	0	0.43202E-06	640606.5	4180686.2	7.9	2.00	160.00	16.00	0.00	0.47	
205_69	0	0.43202E-06	640766.3	4180694.5	7.9	2.00	160.00	16.00	0.00	0.47	
205_70	0	0.43202E-06	640926.1	4180702.8	7.8	2.00	160.00	16.00	0.00	0.47	
205_71	0	0.43202E-06	641085.9	4180711.2	7.9	2.00	160.00	16.00	0.00	0.47	
205_72	0	0.43202E-06	641245.7	4180719.5	8.2	2.00	160.00	16.00	0.00	0.47	
205_73	0	0.43202E-06	641405.4	4180727.8	8.2	2.00	160.00	16.00	0.00	0.47	
205_74	0	0.43202E-06	641565.2	4180736.0	7.4	2.00	160.00	16.00	0.00	0.47	
205_75	0	0.43202E-06	641725.0	4180744.2	7.6	2.00	160.00	16.00	0.00	0.47	
205_76	0	0.43202E-06	641884.8	4180752.5	7.6	2.00	160.00	16.00	0.00	0.47	
205_77	0	0.43202E-06	642044.6	4180761.0	7.6	2.00	160.00	16.00	0.00	0.47	
205_78	0	0.43202E-06	642204.4	4180769.2	7.6	2.00	160.00	16.00	0.00	0.47	
205_79	0	0.43202E-06	642364.2	4180777.5	7.3	2.00	160.00	16.00	0.00	0.47	
205_80	0	0.43202E-06	642523.9	4180785.8	7.5	2.00	160.00	16.00	0.00	0.47	
205_81	0	0.43202E-06	642683.8	4180794.0	7.6	2.00	160.00	16.00	0.00	0.47	
205_82	0	0.43202E-06	642843.5	4180802.2	6.7	2.00	160.00	16.00	0.00	0.47	
205_83	0	0.43202E-06	643003.3	4180810.5	5.2	2.00	160.00	16.00	0.00	0.47	
205_84	0	0.43202E-06	643163.1	4180819.0	3.0	2.00	160.00	16.00	0.00	0.47	

*** 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
205_85	0	0.43202E-06	643322.9	4180827.2	1.8	2.00	160.00	16.00	0.00	0.47	
205_86	0	0.43202E-06	643482.7	4180835.5	1.8	2.00	160.00	16.00	0.00	0.47	
205_87	0	0.43202E-06	643642.4	4180843.8	1.7	2.00	160.00	16.00	0.00	0.47	
205_88	0	0.43202E-06	643802.2	4180852.0	1.8	2.00	160.00	16.00	0.00	0.47	
205_89	0	0.43202E-06	643962.0	4180860.2	3.0	2.00	160.00	16.00	0.00	0.47	
205_90	0	0.43202E-06	644121.8	4180868.5	3.9	2.00	160.00	16.00	0.00	0.47	
205_91	0	0.43202E-06	644281.6	4180877.0	4.1	2.00	160.00	16.00	0.00	0.47	
205_92	0	0.43202E-06	644441.4	4180885.2	3.7	2.00	160.00	16.00	0.00	0.47	
205_93	0	0.43202E-06	644601.2	4180893.5	3.2	2.00	160.00	16.00	0.00	0.47	
205_94	0	0.43202E-06	644760.9	4180901.8	4.0	2.00	160.00	16.00	0.00	0.47	
205_95	0	0.43202E-06	644920.8	4180910.0	4.4	2.00	160.00	16.00	0.00	0.47	
205_96	0	0.43202E-06	645080.5	4180918.2	4.5	2.00	160.00	16.00	0.00	0.47	
205_97	0	0.43202E-06	645240.3	4180926.5	4.6	2.00	160.00	16.00	0.00	0.47	
205_98	0	0.43202E-06	645400.1	4180935.0	4.6	2.00	160.00	16.00	0.00	0.47	
205_99	0	0.43202E-06	645559.9	4180943.2	4.6	2.00	160.00	16.00	0.00	0.47	
205_100	0	0.43202E-06	645719.7	4180951.5	4.6	2.00	160.00	16.00	0.00	0.47	
205_101	0	0.43202E-06	645879.4	4180959.8	4.6	2.00	160.00	16.00	0.00	0.47	
205_102	0	0.43202E-06	646039.2	4180968.0	4.6	2.00	160.00	16.00	0.00	0.47	
205_103	0	0.43202E-06	646199.0	4180976.2	4.6	2.00	160.00	16.00	0.00	0.47	
205_104	0	0.43202E-06	646358.8	4180984.5	3.7	2.00	160.00	16.00	0.00	0.47	
205_105	0	0.43202E-06	646518.6	4180993.0	4.3	2.00	160.00	16.00	0.00	0.47	
205_106	0	0.43202E-06	646678.4	4181001.2	4.6	2.00	160.00	16.00	0.00	0.47	
205_107	0	0.43202E-06	646838.2	4181009.5	4.6	2.00	160.00	16.00	0.00	0.47	
580_1	0	0.79027E-06	604254.9	4173096.0	121.0	2.00	160.00	16.00	0.00	0.47	
580_2	0	0.79027E-06	604414.8	4173102.2	123.2	2.00	160.00	16.00	0.00	0.47	
580_3	0	0.79027E-06	604574.7	4173108.5	124.4	2.00	160.00	16.00	0.00	0.47	
580_4	0	0.79027E-06	604734.6	4173114.8	125.7	2.00	160.00	16.00	0.00	0.47	
580_5	0	0.79027E-06	604894.4	4173121.0	125.9	2.00	160.00	16.00	0.00	0.47	
580_6	0	0.79027E-06	605054.3	4173127.2	125.6	2.00	160.00	16.00	0.00	0.47	
580_7	0	0.79027E-06	605214.2	4173133.5	125.0	2.00	160.00	16.00	0.00	0.47	
580_8	0	0.79027E-06	605374.1	4173139.8	125.0	2.00	160.00	16.00	0.00	0.47	

580_9	0	0.79027E-06	605534.0	4173146.0	124.9	2.00	160.00	16.00	0.00	0.47
580_10	0	0.79027E-06	605693.9	4173152.0	125.0	2.00	160.00	16.00	0.00	0.47
580_11	0	0.79027E-06	605853.8	4173158.2	125.0	2.00	160.00	16.00	0.00	0.47
580_12	0	0.79027E-06	606013.6	4173164.5	125.9	2.00	160.00	16.00	0.00	0.47
580_13	0	0.79027E-06	606173.5	4173170.8	123.2	2.00	160.00	16.00	0.00	0.47
580_14	0	0.79027E-06	606333.4	4173177.0	124.9	2.00	160.00	16.00	0.00	0.47
580_15	0	0.79027E-06	606493.2	4173183.2	129.0	2.00	160.00	16.00	0.00	0.47
580_16	0	0.79027E-06	606653.1	4173189.5	129.3	2.00	160.00	16.00	0.00	0.47
580_17	0	0.79027E-06	606813.0	4173195.8	128.0	2.00	160.00	16.00	0.00	0.47

*** 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
580_18	0	0.79027E-06	606972.9	4173202.0	132.9	2.00	160.00	16.00	0.00	0.47	
580_19	0	0.79027E-06	607132.8	4173208.0	135.2	2.00	160.00	16.00	0.00	0.47	
580_20	0	0.79027E-06	607292.6	4173214.2	133.5	2.00	160.00	16.00	0.00	0.47	
580_21	0	0.79027E-06	607452.5	4173220.5	148.9	2.00	160.00	16.00	0.00	0.47	
580_22	0	0.79027E-06	607612.4	4173226.8	165.5	2.00	160.00	16.00	0.00	0.47	
580_23	0	0.79027E-06	607772.2	4173233.0	166.7	2.00	160.00	16.00	0.00	0.47	
580_24	0	0.79027E-06	607932.2	4173239.2	167.6	2.00	160.00	16.00	0.00	0.47	
580_25	0	0.79027E-06	608092.1	4173245.5	152.1	2.00	160.00	16.00	0.00	0.47	
580_26	0	0.79027E-06	608251.9	4173251.8	154.1	2.00	160.00	16.00	0.00	0.47	
580_27	0	0.79027E-06	608411.8	4173258.0	154.3	2.00	160.00	16.00	0.00	0.47	
580_28	0	0.79027E-06	608571.7	4173264.2	146.1	2.00	160.00	16.00	0.00	0.47	
580_29	0	0.79027E-06	608731.6	4173270.2	145.1	2.00	160.00	16.00	0.00	0.47	
580_30	0	0.79027E-06	608891.4	4173276.5	140.5	2.00	160.00	16.00	0.00	0.47	
580_31	0	0.79027E-06	609051.3	4173282.8	139.9	2.00	160.00	16.00	0.00	0.47	
580_32	0	0.79027E-06	609211.2	4173289.0	141.7	2.00	160.00	16.00	0.00	0.47	
580_33	0	0.79027E-06	609371.1	4173295.2	144.7	2.00	160.00	16.00	0.00	0.47	
580_34	0	0.79027E-06	609530.9	4173301.5	146.0	2.00	160.00	16.00	0.00	0.47	
580_35	0	0.79027E-06	609690.8	4173307.8	151.8	2.00	160.00	16.00	0.00	0.47	
580_36	0	0.79027E-06	609850.7	4173314.0	162.7	2.00	160.00	16.00	0.00	0.47	
580_37	0	0.79027E-06	610010.6	4173320.2	160.3	2.00	160.00	16.00	0.00	0.47	
580_38	0	0.79027E-06	610170.4	4173326.2	157.0	2.00	160.00	16.00	0.00	0.47	
580_39	0	0.79027E-06	610330.3	4173332.5	155.1	2.00	160.00	16.00	0.00	0.47	
580_40	0	0.79027E-06	610490.2	4173338.8	155.1	2.00	160.00	16.00	0.00	0.47	
580_41	0	0.79027E-06	610650.1	4173345.0	156.5	2.00	160.00	16.00	-20.00	0.47	
580_42	0	0.79027E-06	610870.2	4173353.5	163.3	2.00	160.00	16.00	-20.00	0.47	
580_43	0	0.79027E-06	611019.2	4173411.8	165.7	2.00	160.00	16.00	-20.00	0.47	
580_44	0	0.79027E-06	611168.3	4173470.0	161.9	2.00	160.00	16.00	-20.00	0.47	
580_45	0	0.79027E-06	611317.3	4173528.2	159.1	2.00	160.00	16.00	-20.00	0.47	
580_46	0	0.79027E-06	611466.3	4173586.5	157.9	2.00	160.00	16.00	-20.00	0.47	
580_47	0	0.79027E-06	611615.4	4173644.8	157.9	2.00	160.00	16.00	-20.00	0.47	
580_48	0	0.79027E-06	611764.4	4173703.0	159.1	2.00	160.00	16.00	-20.00	0.47	
580_49	0	0.79027E-06	611913.4	4173761.2	159.7	2.00	160.00	16.00	-20.00	0.47	
580_50	0	0.79027E-06	612062.4	4173819.5	160.0	2.00	160.00	16.00	-20.00	0.47	
580_51	0	0.79027E-06	612211.4	4173877.8	160.9	2.00	160.00	16.00	-20.00	0.47	
580_52	0	0.79027E-06	612360.4	4173936.0	161.8	2.00	160.00	16.00	-20.00	0.47	
580_53	0	0.79027E-06	612509.5	4173994.2	161.8	2.00	160.00	16.00	-20.00	0.47	
580_54	0	0.79027E-06	612658.5	4174052.5	163.1	2.00	160.00	16.00	-20.00	0.47	
580_55	0	0.79027E-06	612807.5	4174110.8	163.1	2.00	160.00	16.00	-20.00	0.47	
580_56	0	0.79027E-06	612956.5	4174169.0	163.9	2.00	160.00	16.00	-20.00	0.47	
580_57	0	0.79027E-06	613105.6	4174227.5	164.0	2.00	160.00	16.00	-20.00	0.47	

*** 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
580_58	0	0.79027E-06	613254.6	4174285.8	164.9	2.00	160.00	16.00	-20.00	0.47	
580_59	0	0.79027E-06	613403.6	4174344.0	164.9	2.00	160.00	16.00	-20.00	0.47	
580_60	0	0.79027E-06	613552.6	4174402.2	164.9	2.00	160.00	16.00	-20.00	0.47	
580_61	0	0.79027E-06	613701.6	4174460.5	166.1	2.00	160.00	16.00	-20.00	0.47	
580_62	0	0.79027E-06	613850.6	4174518.8	167.9	2.00	160.00	16.00	-20.00	0.47	
580_63	0	0.79027E-06	613999.7	4174577.0	168.9	2.00	160.00	16.00	-20.00	0.47	
580_64	0	0.79027E-06	614148.7	4174635.2	170.1	2.00	160.00	16.00	-20.00	0.47	
580_65	0	0.79027E-06	614297.7	4174693.5	172.6	2.00	160.00	16.00	-20.00	0.47	
580_66	0	0.79027E-06	614446.8	4174751.8	174.6	2.00	160.00	16.00	-20.00	0.47	
580_67	0	0.79027E-06	614595.8	4174810.0	176.3	2.00	160.00	16.00	-20.00	0.47	
580_68	0	0.79027E-06	614744.8	4174868.2	178.5	2.00	160.00	16.00	-20.00	0.47	
580_69	0	0.79027E-06	614893.8	4174926.5	182.8	2.00	160.00	16.00	-20.00	0.47	
580_70	0	0.79027E-06	615042.8	4174984.8	194.9	2.00	160.00	16.00	-20.00	0.47	
580_71	0	0.79027E-06	615191.8	4175043.0	218.1	2.00	160.00	16.00	-20.00	0.47	
580_72	0	0.79027E-06	615340.8	4175101.2	212.7	2.00	160.00	16.00	-20.00	0.47	
580_73	0	0.79027E-06	615489.9	4175159.5	225.8	2.00	160.00	16.00	-20.00	0.47	
580_74	0	0.79027E-06	615638.9	4175217.8	245.3	2.00	160.00	16.00	-20.00	0.47	
580_75	0	0.79027E-06	615787.9	4175276.0	266.4	2.00	160.00	16.00	-20.00	0.47	
580_76	0	0.79027E-06	615936.9	4175334.2	283.5	2.00	160.00	16.00	-20.00	0.47	
580_77	0	0.79027E-06	616085.9	4175392.5	282.4	2.00	160.00	16.00	-20.00	0.47	
580_78	0	0.79027E-06	616234.9	4175450.8	285.1	2.00	160.00	16.00	-20.00	0.47	
580_79	0	0.79027E-06	616303.8	4175477.5	299.5	2.00	160.00	16.00	15.00	0.47	
580_80	0	0.79027E-06	616459.6	4175441.2	308.8	2.00	160.00	16.00	15.00	0.47	

580_81	0	0.79027E-06	616615.4	4175405.0	334.3	2.00	160.00	16.00	15.00	0.47
580_82	0	0.79027E-06	616771.2	4175368.5	343.0	2.00	160.00	16.00	15.00	0.47
580_83	0	0.79027E-06	616927.1	4175332.2	305.9	2.00	160.00	16.00	15.00	0.47
580_84	0	0.79027E-06	617082.9	4175296.0	296.2	2.00	160.00	16.00	15.00	0.47
580_85	0	0.79027E-06	617238.7	4175259.8	279.4	2.00	160.00	16.00	15.00	0.47
580_86	0	0.79027E-06	617394.5	4175223.5	289.6	2.00	160.00	16.00	15.00	0.47
580_87	0	0.79027E-06	617475.0	4175204.8	291.2	2.00	160.00	16.00	-25.00	0.47
580_88	0	0.79027E-06	617619.4	4175273.8	314.5	2.00	160.00	16.00	-25.00	0.47
580_89	0	0.79027E-06	617763.7	4175342.8	352.1	2.00	160.00	16.00	-25.00	0.47
580_90	0	0.79027E-06	617908.1	4175411.8	340.3	2.00	160.00	16.00	-25.00	0.47
580_91	0	0.79027E-06	618052.4	4175480.8	317.0	2.00	160.00	16.00	-25.00	0.47
580_92	0	0.79027E-06	618196.8	4175549.8	342.2	2.00	160.00	16.00	-25.00	0.47
580_93	0	0.79027E-06	618341.1	4175618.8	352.7	2.00	160.00	16.00	-25.00	0.47
580_94	0	0.79027E-06	618485.4	4175687.8	333.6	2.00	160.00	16.00	-25.00	0.47
580_95	0	0.79027E-06	618629.8	4175756.8	292.9	2.00	160.00	16.00	-25.00	0.47
580_96	0	0.79027E-06	618774.1	4175825.8	273.7	2.00	160.00	16.00	-25.00	0.47
580_97	0	0.79027E-06	618918.5	4175894.8	297.8	2.00	160.00	16.00	-25.00	0.47

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580_98	0	0.79027E-06	619062.8	4175964.0	320.6	2.00	160.00	16.00	-25.00	0.47	
580_99	0	0.79027E-06	619207.2	4176033.0	271.0	2.00	160.00	16.00	-25.00	0.47	
580_100	0	0.79027E-06	619351.6	4176102.0	267.3	2.00	160.00	16.00	-25.00	0.47	
580_101	0	0.79027E-06	619495.9	4176171.0	230.9	2.00	160.00	16.00	-25.00	0.47	
580_102	0	0.79027E-06	619640.2	4176240.0	267.1	2.00	160.00	16.00	-25.00	0.47	
580_103	0	0.79027E-06	619784.6	4176309.0	299.2	2.00	160.00	16.00	-25.00	0.47	
580_104	0	0.79027E-06	619928.9	4176378.0	322.9	2.00	160.00	16.00	-25.00	0.47	
580_105	0	0.79027E-06	620073.2	4176447.0	307.5	2.00	160.00	16.00	-25.00	0.47	
580_106	0	0.79027E-06	620217.6	4176516.0	263.6	2.00	160.00	16.00	-25.00	0.47	
580_107	0	0.79027E-06	620362.0	4176585.0	239.4	2.00	160.00	16.00	-25.00	0.47	
580_108	0	0.79027E-06	620506.3	4176654.0	202.9	2.00	160.00	16.00	-25.00	0.47	
580_109	0	0.79027E-06	620650.7	4176723.0	186.9	2.00	160.00	16.00	-25.00	0.47	
580_110	0	0.30601E-06	630793.8	4174277.5	81.6	2.00	160.00	16.00	40.00	0.47	
580_111	0	0.30601E-06	630921.8	4174181.5	85.0	2.00	160.00	16.00	40.00	0.47	
580_112	0	0.30601E-06	631049.8	4174085.5	85.8	2.00	160.00	16.00	40.00	0.47	
580_113	0	0.30601E-06	631177.8	4173989.5	92.9	2.00	160.00	16.00	40.00	0.47	
580_114	0	0.30601E-06	631305.8	4173893.5	100.2	2.00	160.00	16.00	40.00	0.47	
580_115	0	0.30601E-06	631433.8	4173797.5	98.1	2.00	160.00	16.00	40.00	0.47	
580_116	0	0.30601E-06	631561.8	4173701.5	91.7	2.00	160.00	16.00	40.00	0.47	
580_117	0	0.30601E-06	631689.9	4173605.5	82.9	2.00	160.00	16.00	40.00	0.47	
580_118	0	0.30601E-06	631817.9	4173509.8	91.1	2.00	160.00	16.00	40.00	0.47	
580_119	0	0.30601E-06	631945.9	4173413.8	98.0	2.00	160.00	16.00	40.00	0.47	
580_120	0	0.30601E-06	632073.9	4173317.8	98.9	2.00	160.00	16.00	40.00	0.47	
580_121	0	0.30601E-06	632201.9	4173221.8	110.9	2.00	160.00	16.00	40.00	0.47	
580_122	0	0.30601E-06	632329.9	4173125.8	111.8	2.00	160.00	16.00	40.00	0.47	
580_123	0	0.30601E-06	632457.9	4173029.8	116.2	2.00	160.00	16.00	40.00	0.47	
580_124	0	0.30601E-06	632585.9	4172933.8	106.5	2.00	160.00	16.00	40.00	0.47	
580_125	0	0.30601E-06	632714.0	4172837.8	110.4	2.00	160.00	16.00	40.00	0.47	
580_126	0	0.30601E-06	632842.0	4172741.8	110.6	2.00	160.00	16.00	40.00	0.47	
580_127	0	0.30601E-06	632970.0	4172645.8	98.1	2.00	160.00	16.00	40.00	0.47	
580_128	0	0.30601E-06	633098.0	4172549.8	112.3	2.00	160.00	16.00	40.00	0.47	
580_129	0	0.30601E-06	633226.0	4172453.8	110.9	2.00	160.00	16.00	40.00	0.47	
580_130	0	0.30601E-06	633354.1	4172357.8	106.7	2.00	160.00	16.00	40.00	0.47	
580_131	0	0.30601E-06	633482.1	4172262.0	107.1	2.00	160.00	16.00	40.00	0.47	
580_132	0	0.30601E-06	633610.1	4172166.0	106.9	2.00	160.00	16.00	40.00	0.47	
580_133	0	0.30601E-06	633738.1	4172070.0	103.8	2.00	160.00	16.00	40.00	0.47	
580_134	0	0.30601E-06	633866.1	4171974.0	98.6	2.00	160.00	16.00	40.00	0.47	
580_135	0	0.30601E-06	633994.1	4171878.0	98.4	2.00	160.00	16.00	40.00	0.47	
580_136	0	0.30601E-06	634122.1	4171782.0	95.8	2.00	160.00	16.00	40.00	0.47	
580_137	0	0.30601E-06	634250.1	4171686.0	97.9	2.00	160.00	16.00	40.00	0.47	

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580_138	0	0.30601E-06	634378.2	4171590.0	97.0	2.00	160.00	16.00	40.00	0.47	
580_139	0	0.30601E-06	634506.2	4171494.0	95.4	2.00	160.00	16.00	40.00	0.47	
580_140	0	0.30601E-06	634634.2	4171398.0	97.6	2.00	160.00	16.00	40.00	0.47	
580_141	0	0.30601E-06	634762.2	4171302.0	94.9	2.00	160.00	16.00	40.00	0.47	
580_142	0	0.30601E-06	634890.2	4171206.0	95.8	2.00	160.00	16.00	40.00	0.47	
580_143	0	0.30601E-06	635018.2	4171110.2	98.1	2.00	160.00	16.00	40.00	0.47	
580_144	0	0.30601E-06	635146.2	4171014.2	99.2	2.00	160.00	16.00	40.00	0.47	
580_145	0	0.30601E-06	635274.2	4170918.2	100.1	2.00	160.00	16.00	40.00	0.47	
580_146	0	0.30601E-06	635402.2	4170822.2	99.5	2.00	160.00	16.00	40.00	0.47	
580_147	0	0.30601E-06	635530.3	4170726.2	98.6	2.00	160.00	16.00	40.00	0.47	
580_148	0	0.30601E-06	635658.3	4170630.2	91.1	2.00	160.00	16.00	40.00	0.47	
580_149	0	0.30601E-06	635786.3	4170534.2	91.1	2.00	160.00	16.00	40.00	0.47	
580_150	0	0.30601E-06	635914.3	4170438.2	91.1	2.00	160.00	16.00	40.00	0.47	
580_151	0	0.30601E-06	636042.4	4170342.2	90.9	2.00	160.00	16.00	40.00	0.47	
580_152	0	0.30601E-06	636170.4	4170246.2	83.2	2.00	160.00	16.00	40.00	0.47	

580_153	0	0.30601E-06	636298.4	4170150.2	78.9	2.00	160.00	16.00	40.00	0.47
580_154	0	0.30601E-06	636426.4	4170054.2	78.9	2.00	160.00	16.00	40.00	0.47
580_155	0	0.30601E-06	636554.4	4169958.2	81.4	2.00	160.00	16.00	40.00	0.47
580_156	0	0.30601E-06	636682.4	4169862.5	84.9	2.00	160.00	16.00	40.00	0.47
580_157	0	0.30601E-06	636810.4	4169766.5	91.6	2.00	160.00	16.00	40.00	0.47
580_158	0	0.30601E-06	636938.4	4169670.5	93.6	2.00	160.00	16.00	40.00	0.47
580_159	0	0.30601E-06	637066.5	4169574.5	91.1	2.00	160.00	16.00	40.00	0.47
580_160	0	0.30601E-06	637194.5	4169478.5	90.5	2.00	160.00	16.00	40.00	0.47
580_161	0	0.30601E-06	637322.5	4169382.5	89.5	2.00	160.00	16.00	40.00	0.47
580_162	0	0.30601E-06	637450.5	4169286.5	85.0	2.00	160.00	16.00	40.00	0.47
580_163	0	0.30601E-06	637578.5	4169190.5	84.5	2.00	160.00	16.00	40.00	0.47
580_164	0	0.30601E-06	637706.6	4169094.5	84.1	2.00	160.00	16.00	40.00	0.47
580_165	0	0.30601E-06	637834.6	4168998.5	84.0	2.00	160.00	16.00	40.00	0.47
580_166	0	0.30601E-06	637962.6	4168902.5	83.9	2.00	160.00	16.00	40.00	0.47
580_167	0	0.30601E-06	638090.6	4168806.5	80.5	2.00	160.00	16.00	40.00	0.47
580_168	0	0.30601E-06	638218.6	4168710.5	82.0	2.00	160.00	16.00	40.00	0.47
580_169	0	0.30601E-06	638346.6	4168614.8	81.8	2.00	160.00	16.00	40.00	0.47
580_170	0	0.30601E-06	638474.6	4168518.8	77.9	2.00	160.00	16.00	40.00	0.47
580_171	0	0.30601E-06	638602.6	4168422.8	78.8	2.00	160.00	16.00	40.00	0.47
580_172	0	0.30601E-06	638730.7	4168326.8	78.9	2.00	160.00	16.00	40.00	0.47
580_173	0	0.30601E-06	638858.7	4168230.8	81.0	2.00	160.00	16.00	40.00	0.47
580_174	0	0.30601E-06	638986.7	4168134.8	82.6	2.00	160.00	16.00	40.00	0.47
580_175	0	0.30601E-06	639114.7	4168038.8	84.6	2.00	160.00	16.00	40.00	0.47
580_176	0	0.30601E-06	639242.8	4167942.8	85.9	2.00	160.00	16.00	40.00	0.47
580_177	0	0.30601E-06	639370.8	4167846.8	86.3	2.00	160.00	16.00	40.00	0.47

*** 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
580_178	0	0.30601E-06	639498.8	4167750.8	85.4	2.00	160.00	16.00	40.00	0.47	
580_179	0	0.30601E-06	639626.8	4167654.8	84.2	2.00	160.00	16.00	40.00	0.47	
580_180	0	0.30601E-06	639754.8	4167558.8	82.7	2.00	160.00	16.00	40.00	0.47	
580_181	0	0.30601E-06	639882.8	4167462.8	81.6	2.00	160.00	16.00	40.00	0.47	
580_182	0	0.30601E-06	640010.8	4167367.0	82.8	2.00	160.00	16.00	40.00	0.47	
580_183	0	0.30601E-06	640138.8	4167271.0	81.1	2.00	160.00	16.00	40.00	0.47	
580_184	0	0.30601E-06	640266.8	4167175.0	81.2	2.00	160.00	16.00	40.00	0.47	
580_185	0	0.30601E-06	640394.9	4167079.0	81.4	2.00	160.00	16.00	40.00	0.47	
580_186	0	0.30601E-06	640522.9	4166983.0	81.2	2.00	160.00	16.00	40.00	0.47	
580_187	0	0.30601E-06	640650.9	4166887.0	82.7	2.00	160.00	16.00	40.00	0.47	
580_188	0	0.30601E-06	640778.9	4166791.0	84.1	2.00	160.00	16.00	40.00	0.47	
580_189	0	0.30601E-06	640972.9	4166645.5	87.9	2.00	160.00	16.00	40.00	0.47	
580_190	0	0.30601E-06	641096.8	4166544.2	89.9	2.00	160.00	16.00	40.00	0.47	
580_191	0	0.30601E-06	641220.6	4166443.0	92.6	2.00	160.00	16.00	40.00	0.47	
580_192	0	0.30601E-06	641344.6	4166342.0	95.0	2.00	160.00	16.00	40.00	0.47	
580_193	0	0.30601E-06	641468.4	4166240.8	96.0	2.00	160.00	16.00	40.00	0.47	
580_194	0	0.30601E-06	641592.4	4166139.5	95.3	2.00	160.00	16.00	40.00	0.47	
580_195	0	0.30601E-06	641716.2	4166038.2	95.6	2.00	160.00	16.00	40.00	0.47	
580_196	0	0.30601E-06	641840.1	4165937.0	99.2	2.00	160.00	16.00	40.00	0.47	
580_197	0	0.30601E-06	641964.1	4165835.8	97.1	2.00	160.00	16.00	40.00	0.47	
580_198	0	0.30601E-06	642087.9	4165734.5	101.3	2.00	160.00	16.00	40.00	0.47	
580_199	0	0.30601E-06	642211.9	4165633.2	115.4	2.00	160.00	16.00	40.00	0.47	
580_200	0	0.30601E-06	642335.8	4165532.0	129.8	2.00	160.00	16.00	40.00	0.47	
580_201	0	0.30601E-06	642459.6	4165430.8	108.3	2.00	160.00	16.00	40.00	0.47	
580_202	0	0.30601E-06	642583.6	4165329.5	129.2	2.00	160.00	16.00	40.00	0.47	
580_203	0	0.30601E-06	642707.4	4165228.2	126.4	2.00	160.00	16.00	40.00	0.47	
580_204	0	0.30601E-06	642831.4	4165127.0	126.2	2.00	160.00	16.00	40.00	0.47	
580_205	0	0.30601E-06	642955.2	4165025.8	145.0	2.00	160.00	16.00	40.00	0.47	
580_206	0	0.30601E-06	643079.1	4164924.5	143.6	2.00	160.00	16.00	40.00	0.47	
580_207	0	0.30601E-06	643203.1	4164823.2	129.1	2.00	160.00	16.00	40.00	0.47	
580_208	0	0.30601E-06	643326.9	4164722.0	121.4	2.00	160.00	16.00	40.00	0.47	
580_209	0	0.30601E-06	643450.9	4164620.8	117.0	2.00	160.00	16.00	40.00	0.47	
580_210	0	0.30601E-06	643574.8	4164519.8	114.5	2.00	160.00	16.00	40.00	0.47	
580_211	0	0.30601E-06	643698.7	4164418.5	111.3	2.00	160.00	16.00	40.00	0.47	
580_212	0	0.30601E-06	643822.6	4164317.2	109.2	2.00	160.00	16.00	40.00	0.47	
580_213	0	0.30601E-06	643946.4	4164216.0	107.1	2.00	160.00	16.00	40.00	0.47	
580_214	0	0.30601E-06	644070.4	4164114.8	103.9	2.00	160.00	16.00	40.00	0.47	
580_215	0	0.30601E-06	644194.2	4164013.5	105.9	2.00	160.00	16.00	40.00	0.47	
580_216	0	0.30601E-06	644318.2	4163912.2	135.3	2.00	160.00	16.00	40.00	0.47	
580_217	0	0.30601E-06	644442.1	4163811.0	135.5	2.00	160.00	16.00	40.00	0.47	

*** 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
580_218	0	0.30601E-06	644565.9	4163709.8	121.0	2.00	160.00	16.00	40.00	0.47	
580_219	0	0.30601E-06	644689.9	4163608.5	105.4	2.00	160.00	16.00	40.00	0.47	
580_220	0	0.30601E-06	644813.8	4163507.2	120.0	2.00	160.00	16.00	40.00	0.47	
580_221	0	0.30601E-06	644937.7	4163406.0	109.6	2.00	160.00	16.00	40.00	0.47	
580_222	0	0.30601E-06	645061.6	4163304.8	103.8	2.00	160.00	16.00	40.00	0.47	
580_223	0	0.30601E-06	645185.4	4163203.5	98.0	2.00	160.00	16.00	40.00	0.47	
580_224	0	0.30601E-06	645309.4	4163102.2	96.9	2.00	160.00	16.00	40.00	0.47	

580_225	0	0.30601E-06	645433.2	4163001.0	96.6	2.00	160.00	16.00	40.00	0.47
580_226	0	0.30601E-06	645557.2	4162899.8	95.2	2.00	160.00	16.00	40.00	0.47
580_227	0	0.30601E-06	645681.1	4162798.8	91.1	2.00	160.00	16.00	40.00	0.47
580_228	0	0.30601E-06	645805.0	4162697.5	90.1	2.00	160.00	16.00	40.00	0.47
580_229	0	0.30601E-06	645928.9	4162596.2	89.0	2.00	160.00	16.00	40.00	0.47
580_230	0	0.30601E-06	646052.8	4162495.0	89.8	2.00	160.00	16.00	40.00	0.47
580_231	0	0.30601E-06	646218.9	4162359.2	88.1	2.00	160.00	16.00	40.00	0.47

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

ALL GT1 , GT2 , GT3 , GT4 , CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 ,
CT9 , CT10 , CT11 , CT12 , CT13 , CT14 , CT15 , CT16 , CT17 , CT18 , CT19 , CT20 ,
CT21 , CT22 , EMGEN , FWPUMP , BAMIN_1 , BAMIN_2 , BAMIN_3 , BAMIN_4 , BAMIN_5 , BAMIN_6 , BAMIN_7 , BAMIN_8 ,
BAMIN_9 , BAMAJ_1 , BAMAJ_2 , BAMAJ_3 , BAMAJ_4 , BAMAJ_5 , BAMAJ_6 , BAMAJ_7 , BAMAJ_8 , BAMAJ_9 , BAMAJ_10, BAMAJ_11,
BAMAJ_12, BAMAJ_13, BAMAJ_14, BAMAJ_15, BAMAJ_16, BAMAJ_17, BAMAJ_18, BAMAJ_19, SJMIN_1 , SJMIN_2 , SJMIN_3 , SJMIN_4 ,
SJMIN_5 , SJMIN_6 , SJMIN_7 , SJMIN_8 , SJMIN_9 , SJMIN_10, SJMIN_11, SJMIN_12, SJMIN_13, SJMIN_14, SJMIN_15, SJMIN_16,
SJMIN_17, SJMAJ_1 , SJMAJ_2 , SJMAJ_3 , SJMAJ_4 , SJMAJ_5 , T1_2 , T1_4 , T1_5 , T1_6 , T2_1 , T2_2 ,
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

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580_v25 , 580_v26 , 580_v27 , 580_v28 , 580_v29 , 580_v30 , 580_v31 , 580_v32 , 580_v33 , 580_v34 , 580_v35 , 580_v36 ,

580_v37 , 580_v38 , 580_v39 , 580_v40 , 580_v41 , 580_v42 , 580_v43 , 580_v44 , 580_v45 , 580_v46 , 580_v47 , 580_v48 ,

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580_v61 , 580_v62 , 580_v63 , 580_v64 , 580_v65 , 580_v66 , 580_v67 , 580_v68 , 580_v69 , 580_v70 , 580_v71 , 580_v72 ,

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

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580_V372,
                SJMAJ_6 , SJMAJ_7 , SJMAJ_8 , SJMAJ_9 , SJMAJ_10, SJMAJ_11, SJMAJ_12, UNKGT   , EALTGT  , EALTBLR , EALTCT  ,

  GT            GT1     , GT2     , GT3     , GT4     ,

  CT            CT1     , CT2     , CT3     , CT4     , CT5     , CT6     , CT7     , CT8     , CT9     , CT10    , CT11    ,
CT12    ,
                CT13    , CT14    , CT15    , CT16    , CT17    , CT18    , CT19    , CT20    , CT21    , CT22    ,

  FW            FWPUMP  ,

  TESLA         GT1     , GT2     , GT3     , GT4     , CT1     , CT2     , CT3     , CT4     , CT5     , CT6     , CT7     ,
CT8     ,
                CT9     , CT10    , CT11    , CT12    , CT13    , CT14    , CT15    , CT16    , CT17    , CT18    , CT19    ,
CT20    ,
                CT21    , CT22    , EMGEN   , FWPUMP  ,

  TRACY         T1_2    , T1_4    , T1_5    , T1_6    , T2_1    , T2_2    , T2_3    , T2_4    , T2_5    , T2_6    , T2_7    ,
T2_8    ,
                T2_9    , T2_10   , T2_11   , T2_12   , T2_13   , T2_14   , T3_1    , T3_2    , T3_3    , T3_4    , T3_5    ,
T3_6    ,
                T3_7    , T3_8    , T3_9    , T3_10   , T3_11   , T3_12   , T3_13   , T3_14   , T3_15   ,

  HIGHWAY       5_1     , 5_2     , 5_3     , 5_4     , 5_5     , 5_6     , 5_7     , 5_8     , 5_9     , 5_10    , 5_11    ,
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                                    *** SOURCE IDs DEFINING SOURCE GROUPS ***
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

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BASOURCE BAMIN_1 , BAMIN_2 , BAMIN_3 , BAMIN_4 , BAMIN_5 , BAMIN_6 , BAMIN_7 , BAMIN_8 , BAMIN_9 , BAMAJ_1 , BAMAJ_2 , BAMAJ_3 ,

BAMAJ_4 , BAMAJ_5 , BAMAJ_6 , BAMAJ_7 , BAMAJ_8 , BAMAJ_9 , BAMAJ_10, BAMAJ_11, BAMAJ_12, BAMAJ_13, BAMAJ_14, BAMAJ_15,

BAMAJ_16, BAMAJ_17, BAMAJ_18, BAMAJ_19, UNKGT , EALTGT , EALTBLR , EALTCT ,

SJSOURCE SJMIN_1 , SJMIN_2 , SJMIN_3 , SJMIN_4 , SJMIN_5 , SJMIN_6 , SJMIN_7 , SJMIN_8 , SJMIN_9 , SJMIN_10, SJMIN_11, SJMIN_12,

SJMIN_13, SJMIN_14, SJMIN_15, SJMIN_16, SJMIN_17, SJMAJ_1 , SJMAJ_2 , SJMAJ_3 , SJMAJ_4 , SJMAJ_5 , SJMAJ_6 , SJMAJ_7 ,

SJMAJ_8 , SJMAJ_9 ,

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM24 IN MICROGRAMS/M**3 **

NETWORK GROUP ID GRID-ID			AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)				OF TYPE	
ALL	HIGH	1ST HIGH VALUE IS	19.14274	ON 97011824: AT (	629900.00,	4175400.00,	70.10,	0.00)	DC	
NA										
	HIGH	2ND HIGH VALUE IS	16.31828c	ON 97011724: AT (	629900.00,	4175400.00,	70.10,	0.00)	DC	
NA										
GT	HIGH	1ST HIGH VALUE IS	4.64759c	ON 97011924: AT (	621297.00,	4176224.00,	275.90,	0.00)	GC	1
	HIGH	2ND HIGH VALUE IS	4.38558c	ON 97011724: AT (	621247.00,	4176024.00,	290.20,	0.00)	GC	1
CT	HIGH	1ST HIGH VALUE IS	9.55099	ON 97051924: AT (	626390.00,	4176170.00,	123.70,	0.00)	DC	
NA										
	HIGH	2ND HIGH VALUE IS	7.96548c	ON 97061724: AT (	626390.00,	4176170.00,	123.70,	0.00)	DC	
NA										
FW	HIGH	1ST HIGH VALUE IS	0.06131c	ON 97010824: AT (	626420.00,	4176020.00,	116.20,	0.00)	DC	
NA										
	HIGH	2ND HIGH VALUE IS	0.03575c	ON 97031424: AT (	626390.00,	4176020.00,	117.00,	0.00)	DC	
NA										
TESLA	HIGH	1ST HIGH VALUE IS	9.58099	ON 97051924: AT (	626390.00,	4176170.00,	123.70,	0.00)	DC	
NA										
	HIGH	2ND HIGH VALUE IS	8.20737	ON 97051924: AT (	626390.00,	4176200.00,	127.10,	0.00)	DC	
NA										
TRACY	HIGH	1ST HIGH VALUE IS	6.62560c	ON 97011924: AT (	630400.00,	4178900.00,	28.00,	0.00)	DC	
NA										
	HIGH	2ND HIGH VALUE IS	6.47719c	ON 97011724: AT (	630400.00,	4178900.00,	28.00,	0.00)	DC	
NA										
HIGHWAY	HIGH	1ST HIGH VALUE IS	6.27095c	ON 97021524: AT (	623400.00,	4177300.00,	152.10,	0.00)	DC	
NA										
	HIGH	2ND HIGH VALUE IS	5.53342c	ON 97011924: AT (	623700.00,	4177400.00,	133.40,	0.00)	DC	
NA										
BASOURCE	HIGH	1ST HIGH VALUE IS	2.54036c	ON 97010824: AT (	622400.00,	4179400.00,	128.80,	0.00)	DC	
NA										
	HIGH	2ND HIGH VALUE IS	1.91478c	ON 97012324: AT (	620697.00,	4176224.00,	179.50,	0.00)	GC	1
SJSOURCE	HIGH	1ST HIGH VALUE IS	17.86299	ON 97011824: AT (	629900.00,	4175400.00,	70.10,	0.00)	DC	
NA										
	HIGH	2ND HIGH VALUE IS	14.70801c	ON 97011724: AT (	629900.00,	4175400.00,	70.10,	0.00)	DC	
NA										

Excerpt PM10_PSD_97_increment24_part2_PM24.USF

```
*** ISCST3 - VERSION 02035 ***
*** FPL Tesla                                                                ***
*** Model Executed on 09/26/06 at 15:54:18 ***
 Input File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\97\Increment Analysis\PM10_PSD_97_increment24_part2_PM24.DTA

Output File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\97\Increment Analysis\PM10_PSD_97_increment24_part2_PM24.LST

   Met File - D:\AIR\NATALIEY\TELSA\MET\tracy97_2.asc

      Number of sources -       1031
Number of source groups -          9
    Number of receptors -      11718


                                        *** POINT SOURCE DATA ***
(Same sources as "PM10_PSD_97_increment24_PM24.USF")


                                        *** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

                                ** CONC OF PM24      IN MICROGRAMS/M**3                          **

                                          DATE
NETWORK
 GROUP ID                      AVERAGE CONC      (YYMMDDHH)           RECEPTOR  (XR, YR, ZELEV, ZFLAG)    OF TYPE
GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - -
ALL      HIGH  1ST HIGH VALUE IS     18.58694  ON 97111524: AT (  629400.00,  4175900.00,     72.30,     0.00)  DC
NA
         HIGH  2ND HIGH VALUE IS     16.73425c ON 97121324: AT (  629400.00,  4175900.00,     72.30,     0.00)  DC

NA
GT       HIGH  1ST HIGH VALUE IS      2.87899c ON 97072324: AT (  622400.00,  4173900.00,    292.30,     0.00)  DC
NA
         HIGH  2ND HIGH VALUE IS      2.72782  ON 97112924: AT (  620400.00,  4177400.00,    256.70,     0.00)  DC

NA
CT       HIGH  1ST HIGH VALUE IS      9.91109  ON 97070924: AT (  626390.00,  4176170.00,    123.70,     0.00)  DC
NA
         HIGH  2ND HIGH VALUE IS      6.90368  ON 97072624: AT (  626390.00,  4176170.00,    123.70,     0.00)  DC

NA
FW       HIGH  1ST HIGH VALUE IS      0.04789  ON 97112924: AT (  625850.00,  4176080.00,    125.30,     0.00)  DC
NA
         HIGH  2ND HIGH VALUE IS      0.04000c ON 97101424: AT (  626390.00,  4176020.00,    117.00,     0.00)  DC

NA
TESLA    HIGH  1ST HIGH VALUE IS      9.98787  ON 97070924: AT (  626390.00,  4176170.00,    123.70,     0.00)  DC
NA
         HIGH  2ND HIGH VALUE IS      6.94331  ON 97072624: AT (  626390.00,  4176170.00,    123.70,     0.00)  DC

NA
TRACY    HIGH  1ST HIGH VALUE IS      6.33427  ON 97121724: AT (  630400.00,  4178900.00,     28.00,     0.00)  DC
NA
         HIGH  2ND HIGH VALUE IS      6.19407  ON 97112924: AT (  630900.00,  4178900.00,     25.00,     0.00)  DC

NA
HIGHWAY  HIGH  1ST HIGH VALUE IS      4.53647c ON 97112824: AT (  624200.00,  4177500.00,    120.00,     0.00)  DC
NA
         HIGH  2ND HIGH VALUE IS      4.30561c ON 97121424: AT (  625200.00,  4177700.00,    135.70,     0.00)  DC

NA
BASOURCE HIGH  1ST HIGH VALUE IS      2.16386c ON 97121424: AT (  621497.00,  4176574.00,    181.00,     0.00)  GC   1

         HIGH  2ND HIGH VALUE IS      1.79222c ON 97121424: AT (  624740.00,  4176740.00,    130.00,     0.00)  DC
NA
SJSOURCE HIGH  1ST HIGH VALUE IS     17.85355  ON 97111524: AT (  629400.00,  4175900.00,     72.30,     0.00)  DC
NA
         HIGH  2ND HIGH VALUE IS     16.00908c ON 97121324: AT (  629400.00,  4175900.00,     72.30,     0.00)  DC
NA
```

Excerpt PM10_PSD_97_increment24_fine grid_PM24.USF

*** ISCST3 - VERSION 02035 ***
*** FPL Tesla ***
*** Model Executed on 09/29/06 at 16:15:38 ***

Input File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\97\Increment Analysis\PM10_PSD_97_increment24_fine grid_PM24.DTA
Output File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\97\Increment Analysis\PM10_PSD_97_increment24_fine grid_PM24.LST
Met File - D:\AIR\NATALIEY\TELSA\MET\tracy97.asc

Number of sources - 1031
Number of source groups - 9
Number of receptors - 2601

*** POINT SOURCE DATA ***

(Same sources as "PM10_PSD_97_increment24_PM24.USF")

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM24 IN MICROGRAMS/M**3 **

NETWORK GROUP ID			AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)				OF TYPE GRID-ID
ALL	HIGH	1ST HIGH VALUE IS	140.19072	ON 97051924: AT (	630220.00,	4175470.00,	67.90,	0.00)	DC NA
	HIGH	2ND HIGH VALUE IS	136.80116	ON 97043024: AT (	630220.00,	4175470.00,	67.90,	0.00)	DC NA
GT	HIGH	1ST HIGH VALUE IS	0.53767c	ON 97060424: AT (	628900.00,	4176070.00,	73.20,	0.00)	DC NA
	HIGH	2ND HIGH VALUE IS	0.52173	ON 97072724: AT (	628900.00,	4175320.00,	96.70,	0.00)	DC NA
CT	HIGH	1ST HIGH VALUE IS	0.23720c	ON 97072824: AT (	628900.00,	4175560.00,	94.50,	0.00)	DC NA
	HIGH	2ND HIGH VALUE IS	0.22056c	ON 97071424: AT (	628900.00,	4175860.00,	79.30,	0.00)	DC NA
FW	HIGH	1ST HIGH VALUE IS	0.00211c	ON 97021624: AT (	628900.00,	4175290.00,	97.40,	0.00)	DC NA
	HIGH	2ND HIGH VALUE IS	0.00140c	ON 97122924: AT (	628900.00,	4175350.00,	94.60,	0.00)	DC NA
TESLA	HIGH	1ST HIGH VALUE IS	0.65339c	ON 97060424: AT (	628900.00,	4176100.00,	73.20,	0.00)	DC NA
	HIGH	2ND HIGH VALUE IS	0.62255	ON 97072724: AT (	628900.00,	4175290.00,	97.40,	0.00)	DC NA
TRACY	HIGH	1ST HIGH VALUE IS	1.83347c	ON 97011724: AT (	630400.00,	4176400.00,	53.60,	0.00)	DC NA
	HIGH	2ND HIGH VALUE IS	1.72577c	ON 97011924: AT (	630400.00,	4176400.00,	53.60,	0.00)	DC NA
HIGHWAY	HIGH	1ST HIGH VALUE IS	1.80686c	ON 97121324: AT (	629260.00,	4175470.00,	78.60,	0.00)	DC NA
	HIGH	2ND HIGH VALUE IS	1.77229	ON 97111524: AT (	629350.00,	4175380.00,	75.60,	0.00)	DC NA
BASOURCE	HIGH	1ST HIGH VALUE IS	1.61781c	ON 97021524: AT (	628900.00,	4175260.00,	96.90,	0.00)	DC NA
	HIGH	2ND HIGH VALUE IS	1.36018c	ON 97010224: AT (	628930.00,	4175650.00,	86.80,	0.00)	DC NA
SJSOURCE	HIGH	1ST HIGH VALUE IS	140.05975	ON 97051924: AT (	630220.00,	4175470.00,	67.90,	0.00)	DC NA
	HIGH	2ND HIGH VALUE IS	136.71059	ON 97043024: AT (	630220.00,	4175470.00,	67.90,	0.00)	DC NA

Excerpt PM10_PSD_97_incrementAN_PMAN.USF

*** ISCST3 - VERSION 02035 ***
*** FPL Tesla ***
*** Model Executed on 09/20/06 at 15:17:10 ***

Input File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\97\Increment Analysis\PM10_PSD_97_incrementAN_PMAN.DTA

Output File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\97\Increment Analysis\PM10_PSD_97_incrementAN_PMAN.LST

Met File - D:\AIR\NATALIEY\TELSA\MET\tracy97.asc

Number of sources - 1031
Number of source groups - 9
Number of receptors - 11718

*** POINT SOURCE DATA ***

(Same sources as "PM10_PSD_97_increment24_PM24.USF")

*** THE SUMMARY OF MAXIMUM PERIOD (4356 HRS) RESULTS ***

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

GROUP ID		AVERAGE CONC		RECEPTOR (XR,	YR,	ZELEV,	ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	3.00020	AT (	630400.00,	4175900.00,	60.40,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	2.66808	AT (	630400.00,	4175400.00,	68.00,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	2.35578	AT (	628900.00,	4176900.00,	66.80,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	2.05288	AT (	626630.00,	4176230.00,	135.60,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	1.98877	AT (	626630.00,	4176260.00,	137.80,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	1.97840	AT (	626660.00,	4176230.00,	138.00,	0.00)	DC	NA
	7TH HIGHEST VALUE IS	1.97636	AT (	631900.00,	4178900.00,	19.80,	0.00)	DC	NA
	8TH HIGHEST VALUE IS	1.96150	AT (	626660.00,	4176260.00,	139.70,	0.00)	DC	NA
	9TH HIGHEST VALUE IS	1.95170	AT (	631400.00,	4178900.00,	22.30,	0.00)	DC	NA
	10TH HIGHEST VALUE IS	1.95145	AT (	631900.00,	4178400.00,	24.70,	0.00)	DC	NA
GT	1ST HIGHEST VALUE IS	0.15187	AT (	626780.00,	4176170.00,	145.60,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.15155	AT (	626810.00,	4176200.00,	144.20,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.14972	AT (	626780.00,	4176200.00,	144.10,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.14966	AT (	629400.00,	4172900.00,	232.60,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.14794	AT (	626810.00,	4176170.00,	145.20,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.14423	AT (	629900.00,	4172400.00,	244.10,	0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.14405	AT (	626900.00,	4171900.00,	258.80,	0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.14295	AT (	627900.00,	4171400.00,	300.30,	0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.14272	AT (	629900.00,	4171900.00,	267.10,	0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.14194	AT (	627400.00,	4171400.00,	308.60,	0.00)	DC	NA
CT	1ST HIGHEST VALUE IS	1.35329	AT (	626630.00,	4176230.00,	135.60,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	1.28737	AT (	626630.00,	4176260.00,	137.80,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	1.26348	AT (	626660.00,	4176230.00,	138.00,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	1.26073	AT (	626390.00,	4176170.00,	123.70,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	1.24026	AT (	626660.00,	4176260.00,	139.70,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	1.20493	AT (	626390.00,	4176200.00,	127.10,	0.00)	DC	NA
	7TH HIGHEST VALUE IS	1.17466	AT (	626690.00,	4176260.00,	139.90,	0.00)	DC	NA
	8TH HIGHEST VALUE IS	1.17457	AT (	626420.00,	4176200.00,	126.40,	0.00)	DC	NA
	9TH HIGHEST VALUE IS	1.17379	AT (	626690.00,	4176230.00,	139.30,	0.00)	DC	NA
	10TH HIGHEST VALUE IS	1.12847	AT (	626600.00,	4176230.00,	132.70,	0.00)	DC	NA

*** THE SUMMARY OF MAXIMUM PERIOD (4356 HRS) RESULTS ***

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

GROUP ID		AVERAGE CONC		RECEPTOR (XR,	YR,	ZELEV,	ZFLAG)	OF TYPE	NETWORK GRID-ID
FW	1ST HIGHEST VALUE IS	0.00281	AT (	626420.00,	4175990.00,	117.60,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.00254	AT (	626450.00,	4175990.00,	116.40,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.00237	AT (	626480.00,	4175960.00,	117.00,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.00233	AT (	626480.00,	4175990.00,	116.10,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.00232	AT (	626540.00,	4175990.00,	119.70,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.00215	AT (	626510.00,	4175990.00,	116.90,	0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.00209	AT (	626570.00,	4175990.00,	125.50,	0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.00208	AT (	626420.00,	4176020.00,	116.20,	0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.00206	AT (	626570.00,	4176020.00,	131.50,	0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.00204	AT (	626600.00,	4175990.00,	131.30,	0.00)	DC	NA
TESLA	1ST HIGHEST VALUE IS	1.41817	AT (	626630.00,	4176230.00,	135.60,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	1.35457	AT (	626630.00,	4176260.00,	137.80,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	1.34988	AT (	626660.00,	4176230.00,	138.00,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	1.32885	AT (	626660.00,	4176260.00,	139.70,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	1.27655	AT (	626690.00,	4176230.00,	139.30,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	1.27427	AT (	626690.00,	4176260.00,	139.90,	0.00)	DC	NA
	7TH HIGHEST VALUE IS	1.27055	AT (	626390.00,	4176170.00,	123.70,	0.00)	DC	NA
	8TH HIGHEST VALUE IS	1.22095	AT (	626720.00,	4176260.00,	139.90,	0.00)	DC	NA
	9TH HIGHEST VALUE IS	1.21377	AT (	626390.00,	4176200.00,	127.10,	0.00)	DC	NA
	10TH HIGHEST VALUE IS	1.20642	AT (	626720.00,	4176230.00,	139.80,	0.00)	DC	NA

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TRACY     1ST HIGHEST VALUE IS      1.49019 AT (  631900.00,  4178900.00,     19.80,      0.00)  DC      NA
          2ND HIGHEST VALUE IS      1.48438 AT (  631400.00,  4178900.00,     22.30,      0.00)  DC      NA
          3RD HIGHEST VALUE IS      1.41004 AT (  631900.00,  4178400.00,     24.70,      0.00)  DC      NA
          4TH HIGHEST VALUE IS      1.40528 AT (  628900.00,  4181400.00,     18.00,      0.00)  DC      NA
          5TH HIGHEST VALUE IS      1.40123 AT (  630900.00,  4178900.00,     25.00,      0.00)  DC      NA
          6TH HIGHEST VALUE IS      1.28006 AT (  631400.00,  4178400.00,     28.00,      0.00)  DC      NA
          7TH HIGHEST VALUE IS      1.20172 AT (  630400.00,  4178900.00,     28.00,      0.00)  DC      NA
          8TH HIGHEST VALUE IS      1.18110 AT (  628400.00,  4181400.00,     22.90,      0.00)  DC      NA
          9TH HIGHEST VALUE IS      0.64576 AT (  629400.00,  4181400.00,     15.80,      0.00)  DC      NA
         10TH HIGHEST VALUE IS      0.62504 AT (  628900.00,  4180900.00,     20.10,      0.00)  DC      NA


                        *** THE SUMMARY OF MAXIMUM PERIOD (  4356 HRS) RESULTS ***

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

                                                                                                NETWORK
GROUP ID                    AVERAGE CONC              RECEPTOR  (XR, YR, ZELEV, ZFLAG)   OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

HIGHWAY   1ST HIGHEST VALUE IS      1.24028 AT (  623400.00,  4177300.00,    152.10,      0.00)  DC      NA
          2ND HIGHEST VALUE IS      1.23622 AT (  625200.00,  4177700.00,    135.70,      0.00)  DC      NA
          3RD HIGHEST VALUE IS      1.18064 AT (  624300.00,  4177500.00,    128.00,      0.00)  DC      NA
          4TH HIGHEST VALUE IS      1.13910 AT (  624200.00,  4177500.00,    120.00,      0.00)  DC      NA
          5TH HIGHEST VALUE IS      1.11276 AT (  620497.00,  4176624.00,    204.60,      0.00)  GC   1
          6TH HIGHEST VALUE IS      1.06893 AT (  625400.00,  4177700.00,    128.00,      0.00)  DC      NA
          7TH HIGHEST VALUE IS      1.01299 AT (  624600.00,  4177600.00,    109.10,      0.00)  DC      NA
          8TH HIGHEST VALUE IS      0.98281 AT (  625000.00,  4177600.00,    124.10,      0.00)  DC      NA
          9TH HIGHEST VALUE IS      0.89055 AT (  626200.00,  4177900.00,    101.70,      0.00)  DC      NA
         10TH HIGHEST VALUE IS      0.84554 AT (  626400.00,  4177900.00,     99.40,      0.00)  DC      NA

BASOURCE  1ST HIGHEST VALUE IS      0.46424 AT (  620697.00,  4176224.00,    179.50,      0.00)  GC   1
          2ND HIGHEST VALUE IS      0.46309 AT (  620497.00,  4176124.00,    182.90,      0.00)  GC   1
          3RD HIGHEST VALUE IS      0.46140 AT (  620747.00,  4176274.00,    178.60,      0.00)  GC   1
          4TH HIGHEST VALUE IS      0.46129 AT (  620547.00,  4176174.00,    183.00,      0.00)  GC   1
          5TH HIGHEST VALUE IS      0.46015 AT (  620547.00,  4176074.00,    184.40,      0.00)  GC   1
          6TH HIGHEST VALUE IS      0.45956 AT (  620597.00,  4176174.00,    182.90,      0.00)  GC   1
          7TH HIGHEST VALUE IS      0.45951 AT (  620547.00,  4176124.00,    182.90,      0.00)  GC   1
          8TH HIGHEST VALUE IS      0.45950 AT (  620497.00,  4176074.00,    183.50,      0.00)  GC   1
          9TH HIGHEST VALUE IS      0.45897 AT (  620647.00,  4176174.00,    181.20,      0.00)  GC   1
         10TH HIGHEST VALUE IS      0.45835 AT (  620497.00,  4176024.00,    186.40,      0.00)  GC   1

SJSOURCE  1ST HIGHEST VALUE IS      2.50760 AT (  630400.00,  4175900.00,     60.40,      0.00)  DC      NA
          2ND HIGHEST VALUE IS      2.19466 AT (  630400.00,  4175400.00,     68.00,      0.00)  DC      NA
          3RD HIGHEST VALUE IS      1.75124 AT (  628900.00,  4176900.00,     66.80,      0.00)  DC      NA
          4TH HIGHEST VALUE IS      1.36906 AT (  629900.00,  4175400.00,     70.10,      0.00)  DC      NA
          5TH HIGHEST VALUE IS      1.22763 AT (  628900.00,  4176800.00,     66.80,      0.00)  DC      NA
          6TH HIGHEST VALUE IS      1.07451 AT (  629100.00,  4177000.00,     61.00,      0.00)  DC      NA
          7TH HIGHEST VALUE IS      0.95256 AT (  629000.00,  4176900.00,     64.00,      0.00)  DC      NA
          8TH HIGHEST VALUE IS      0.90539 AT (  630900.00,  4175900.00,     55.30,      0.00)  DC      NA
          9TH HIGHEST VALUE IS      0.85319 AT (  629400.00,  4175900.00,     72.30,      0.00)  DC      NA
         10TH HIGHEST VALUE IS      0.84045 AT (  630400.00,  4174900.00,     75.80,      0.00)  DC      NA
```

Excerpt PM10_PSD_97_incrementAN_part2_PMAN.USF

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*** ISCST3 - VERSION 02035 ***
*** FPL Tesla                                                                    ***
*** Model Executed on 09/20/06 at 20:31:56 ***
 Input File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\97\Increment Analysis\PM10_PSD_97_incrementAN_part2_PMAN.DTA

Output File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\97\Increment Analysis\PM10_PSD_97_incrementAN_part2_PMAN.LST

   Met File - D:\AIR\NATALIEY\TELSA\MET\tracy97_2.asc

      Number of sources -       1031
Number of source groups -          9
    Number of receptors -      11718


                                        *** POINT SOURCE DATA ***
(Same sources as "PM10_PSD_97_increment24_PM24.USF")
```

*** THE SUMMARY OF MAXIMUM PERIOD (4404 HRS) RESULTS ***

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	2.88830 AT	(630400.00, 4175900.00, 60.40, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	2.88287 AT	(630400.00, 4175400.00, 68.00, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	2.84907 AT	(629900.00, 4175400.00, 70.10, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	2.51064 AT	(631400.00, 4178900.00, 22.30, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	2.48872 AT	(631900.00, 4178900.00, 19.80, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	2.44663 AT	(631900.00, 4178400.00, 24.70, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	2.39940 AT	(630900.00, 4178900.00, 25.00, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	2.39092 AT	(628900.00, 4181400.00, 18.00, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	2.36761 AT	(631400.00, 4178400.00, 28.00, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	2.30874 AT	(628900.00, 4176900.00, 66.80, 0.00)	DC	NA
GT	1ST HIGHEST VALUE IS	0.18328 AT	(630400.00, 4171900.00, 263.50, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.18040 AT	(629900.00, 4172400.00, 244.10, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.17902 AT	(629400.00, 4172900.00, 232.60, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.17790 AT	(629900.00, 4171900.00, 267.10, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.17386 AT	(621247.00, 4176274.00, 279.10, 0.00)	GC	1
	6TH HIGHEST VALUE IS	0.17342 AT	(621197.00, 4176274.00, 281.80, 0.00)	GC	1
	7TH HIGHEST VALUE IS	0.17195 AT	(620400.00, 4180400.00, 260.70, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.16943 AT	(621297.00, 4176274.00, 271.30, 0.00)	GC	1
	9TH HIGHEST VALUE IS	0.16842 AT	(621147.00, 4176274.00, 277.00, 0.00)	GC	1
	10TH HIGHEST VALUE IS	0.16276 AT	(621247.00, 4176124.00, 286.20, 0.00)	GC	1
CT	1ST HIGHEST VALUE IS	1.43847 AT	(626630.00, 4176230.00, 135.60, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	1.35879 AT	(626630.00, 4176260.00, 137.80, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	1.35092 AT	(626660.00, 4176230.00, 138.00, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	1.30748 AT	(626660.00, 4176260.00, 139.70, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	1.30047 AT	(626390.00, 4176170.00, 123.70, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	1.26338 AT	(626690.00, 4176230.00, 139.30, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	1.24565 AT	(626690.00, 4176260.00, 139.90, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	1.21476 AT	(626390.00, 4176200.00, 127.10, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	1.19614 AT	(626420.00, 4176200.00, 126.40, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	1.19388 AT	(626600.00, 4176230.00, 132.70, 0.00)	DC	NA

*** THE SUMMARY OF MAXIMUM PERIOD (4404 HRS) RESULTS ***

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
FW	1ST HIGHEST VALUE IS	0.00270 AT	(626420.00, 4175990.00, 117.60, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.00243 AT	(626450.00, 4175990.00, 116.40, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.00210 AT	(626480.00, 4175990.00, 116.10, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.00204 AT	(626390.00, 4176020.00, 117.00, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.00196 AT	(626540.00, 4176020.00, 124.40, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.00192 AT	(626540.00, 4175990.00, 119.70, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.00191 AT	(626480.00, 4175960.00, 117.00, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.00191 AT	(626570.00, 4176020.00, 131.50, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.00190 AT	(626420.00, 4176020.00, 116.20, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.00185 AT	(626450.00, 4176020.00, 116.10, 0.00)	DC	NA
TESLA	1ST HIGHEST VALUE IS	1.47840 AT	(626630.00, 4176230.00, 135.60, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	1.40572 AT	(626660.00, 4176230.00, 138.00, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	1.40019 AT	(626630.00, 4176260.00, 137.80, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	1.36330 AT	(626660.00, 4176260.00, 139.70, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	1.33001 AT	(626690.00, 4176230.00, 139.30, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	1.30920 AT	(626690.00, 4176260.00, 139.90, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	1.30885 AT	(626390.00, 4176170.00, 123.70, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	1.26273 AT	(626720.00, 4176230.00, 139.80, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	1.25866 AT	(626720.00, 4176260.00, 139.90, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	1.25146 AT	(626690.00, 4176200.00, 137.10, 0.00)	DC	NA

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TRACY    1ST HIGHEST VALUE IS      1.96305 AT (  631400.00,  4178900.00,     22.30,      0.00)  DC      NA
         2ND HIGHEST VALUE IS      1.91823 AT (  631900.00,  4178900.00,     19.80,      0.00)  DC      NA
         3RD HIGHEST VALUE IS      1.86893 AT (  630900.00,  4178900.00,     25.00,      0.00)  DC      NA
         4TH HIGHEST VALUE IS      1.85368 AT (  628900.00,  4181400.00,     18.00,      0.00)  DC      NA
         5TH HIGHEST VALUE IS      1.81731 AT (  631900.00,  4178400.00,     24.70,      0.00)  DC      NA
         6TH HIGHEST VALUE IS      1.74635 AT (  631400.00,  4178400.00,     28.00,      0.00)  DC      NA
         7TH HIGHEST VALUE IS      1.65077 AT (  628400.00,  4181400.00,     22.90,      0.00)  DC      NA
         8TH HIGHEST VALUE IS      1.64750 AT (  630400.00,  4178900.00,     28.00,      0.00)  DC      NA
         9TH HIGHEST VALUE IS      0.85412 AT (  628900.00,  4180900.00,     20.10,      0.00)  DC      NA
        10TH HIGHEST VALUE IS      0.78467 AT (  629400.00,  4181400.00,     15.80,      0.00)  DC      NA


                    *** THE SUMMARY OF MAXIMUM PERIOD (  4404 HRS) RESULTS ***

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

                                                                                            NETWORK
GROUP ID                     AVERAGE CONC              RECEPTOR  (XR, YR, ZELEV, ZFLAG)   OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

HIGHWAY  1ST HIGHEST VALUE IS      1.40692 AT (  625200.00,  4177700.00,    135.70,      0.00)  DC      NA
         2ND HIGHEST VALUE IS      1.35383 AT (  624600.00,  4177600.00,    109.10,      0.00)  DC      NA
         3RD HIGHEST VALUE IS      1.28009 AT (  624200.00,  4177500.00,    120.00,      0.00)  DC      NA
         4TH HIGHEST VALUE IS      1.23449 AT (  624300.00,  4177500.00,    128.00,      0.00)  DC      NA
         5TH HIGHEST VALUE IS      1.22361 AT (  623400.00,  4177300.00,    152.10,      0.00)  DC      NA
         6TH HIGHEST VALUE IS      1.15694 AT (  620497.00,  4176624.00,    204.60,      0.00)  GC   1
         7TH HIGHEST VALUE IS      1.10437 AT (  625400.00,  4177700.00,    128.00,      0.00)  DC      NA
         8TH HIGHEST VALUE IS      1.05442 AT (  625000.00,  4177600.00,    124.10,      0.00)  DC      NA
         9TH HIGHEST VALUE IS      1.00565 AT (  623600.00,  4177400.00,    143.50,      0.00)  DC      NA
        10TH HIGHEST VALUE IS      0.95890 AT (  626200.00,  4177900.00,    101.70,      0.00)  DC      NA

BASOURCE 1ST HIGHEST VALUE IS      0.49120 AT (  620697.00,  4176224.00,    179.50,      0.00)  GC   1
         2ND HIGHEST VALUE IS      0.48638 AT (  620747.00,  4176274.00,    178.60,      0.00)  GC   1
         3RD HIGHEST VALUE IS      0.48578 AT (  626240.00,  4177190.00,    118.10,      0.00)  DC      NA
         4TH HIGHEST VALUE IS      0.48503 AT (  626240.00,  4177160.00,    118.20,      0.00)  DC      NA
         5TH HIGHEST VALUE IS      0.48448 AT (  620647.00,  4176174.00,    181.20,      0.00)  GC   1
         6TH HIGHEST VALUE IS      0.48306 AT (  620497.00,  4176124.00,    182.90,      0.00)  GC   1
         7TH HIGHEST VALUE IS      0.48185 AT (  620547.00,  4176174.00,    183.00,      0.00)  GC   1
         8TH HIGHEST VALUE IS      0.48075 AT (  626240.00,  4177130.00,    118.90,      0.00)  DC      NA
         9TH HIGHEST VALUE IS      0.48036 AT (  620547.00,  4176124.00,    182.90,      0.00)  GC   1
        10TH HIGHEST VALUE IS      0.48029 AT (  625820.00,  4177160.00,    117.80,      0.00)  DC      NA

SJSOURCE 1ST HIGHEST VALUE IS      2.35368 AT (  630400.00,  4175400.00,     68.00,      0.00)  DC      NA
         2ND HIGHEST VALUE IS      2.33582 AT (  630400.00,  4175900.00,     60.40,      0.00)  DC      NA
         3RD HIGHEST VALUE IS      2.28226 AT (  629900.00,  4175400.00,     70.10,      0.00)  DC      NA
         4TH HIGHEST VALUE IS      1.67560 AT (  628900.00,  4176900.00,     66.80,      0.00)  DC      NA
         5TH HIGHEST VALUE IS      1.56220 AT (  629400.00,  4175900.00,     72.30,      0.00)  DC      NA
         6TH HIGHEST VALUE IS      1.28068 AT (  628900.00,  4176800.00,     66.80,      0.00)  DC      NA
         7TH HIGHEST VALUE IS      1.16409 AT (  630900.00,  4174400.00,     78.90,      0.00)  DC      NA
         8TH HIGHEST VALUE IS      1.08295 AT (  629100.00,  4177000.00,     61.00,      0.00)  DC      NA
         9TH HIGHEST VALUE IS      1.06116 AT (  630400.00,  4174900.00,     75.80,      0.00)  DC      NA
        10TH HIGHEST VALUE IS      1.03239 AT (  629100.00,  4176100.00,     70.70,      0.00)  DC      NA
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Excerpt PM10_PSD_97_incrementAN_fine grid_PMAN.USF

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*** ISCST3 - VERSION 02035 ***
*** FPL Tesla                                                                    ***
*** Model Executed on 10/03/06 at 14:34:52 ***
 Input File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\97\Increment Analysis\PM10_PSD_97_incrementAN_fine grid_PMAN.DT
                A
Output File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\97\Increment Analysis\PM10_PSD_97_incrementAN_fine grid_PMAN.LS
                T
   Met File - D:\AIR\NATALIEY\TELSA\MET\tracy97.asc

      Number of sources -       1031
Number of source groups -          9
    Number of receptors -       1156
```

*** POINT SOURCE DATA ***

(Same sources as "PM10_PSD_97_increment24_PM24.USF")

*** THE SUMMARY OF MAXIMUM PERIOD (8760 HRS) RESULTS ***

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	19.49731	AT (630290.00, 4175490.00, 67.10, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	18.96518	AT (630230.00, 4175460.00, 68.00, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	18.93245	AT (630260.00, 4175490.00, 67.10, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	15.89164	AT (629930.00, 4175700.00, 64.90, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	15.44633	AT (630260.00, 4175460.00, 68.00, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	15.23855	AT (630320.00, 4175490.00, 67.10, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	13.05699	AT (629960.00, 4175700.00, 64.30, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	12.08563	AT (630200.00, 4175400.00, 69.30, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	11.80754	AT (630200.00, 4175430.00, 68.90, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	10.65386	AT (630350.00, 4175490.00, 66.40, 0.00)	DC	NA
GT	1ST HIGHEST VALUE IS	0.05298	AT (629900.00, 4176390.00, 59.10, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.05264	AT (629960.00, 4176360.00, 59.10, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.05262	AT (629930.00, 4176360.00, 59.10, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.05260	AT (629900.00, 4176360.00, 59.10, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.05252	AT (629930.00, 4176390.00, 58.30, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.05236	AT (629900.00, 4176330.00, 59.40, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.05236	AT (630020.00, 4176390.00, 57.90, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.05234	AT (629990.00, 4176390.00, 57.90, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.05231	AT (629960.00, 4176390.00, 57.90, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.05226	AT (629930.00, 4176300.00, 60.00, 0.00)	DC	NA
CT	1ST HIGHEST VALUE IS	0.03021	AT (629900.00, 4176390.00, 59.10, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.02963	AT (629930.00, 4176390.00, 58.30, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.02926	AT (629960.00, 4176390.00, 57.90, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.02915	AT (629900.00, 4176360.00, 59.10, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.02907	AT (629990.00, 4176390.00, 57.90, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.02897	AT (629930.00, 4176360.00, 59.10, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.02889	AT (630020.00, 4176390.00, 57.90, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.02878	AT (629960.00, 4176360.00, 59.10, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.02844	AT (630050.00, 4176390.00, 57.30, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.02825	AT (629900.00, 4176330.00, 59.40, 0.00)	DC	NA

*** THE SUMMARY OF MAXIMUM PERIOD (8760 HRS) RESULTS ***

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
FW	1ST HIGHEST VALUE IS	0.00003	AT (629900.00, 4176390.00, 59.10, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.00003	AT (629930.00, 4176390.00, 58.30, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.00003	AT (629900.00, 4176360.00, 59.10, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.00003	AT (629930.00, 4176360.00, 59.10, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.00002	AT (629960.00, 4176390.00, 57.90, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.00002	AT (629900.00, 4176330.00, 59.40, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.00002	AT (629960.00, 4176360.00, 59.10, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.00002	AT (629990.00, 4176390.00, 57.90, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.00002	AT (629930.00, 4176330.00, 59.10, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.00002	AT (630020.00, 4176390.00, 57.90, 0.00)	DC	NA
TESLA	1ST HIGHEST VALUE IS	0.08336	AT (629900.00, 4176390.00, 59.10, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.08232	AT (629930.00, 4176390.00, 58.30, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.08191	AT (629900.00, 4176360.00, 59.10, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.08175	AT (629930.00, 4176360.00, 59.10, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.08173	AT (629960.00, 4176390.00, 57.90, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.08158	AT (629960.00, 4176360.00, 59.10, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.08157	AT (629990.00, 4176390.00, 57.90, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.08140	AT (630020.00, 4176390.00, 57.90, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.08077	AT (629900.00, 4176330.00, 59.40, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.08061	AT (630050.00, 4176390.00, 57.30, 0.00)	DC	NA

TRACY	1ST HIGHEST VALUE IS	0.14034 AT (	630890.00,	4176390.00,	50.00,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.13960 AT (	630890.00,	4176360.00,	50.30,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.13929 AT (	630860.00,	4176390.00,	50.00,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.13884 AT (	630890.00,	4176330.00,	50.90,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.13855 AT (	630860.00,	4176360.00,	50.90,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.13825 AT (	630830.00,	4176390.00,	50.30,	0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.13806 AT (	630890.00,	4176300.00,	50.90,	0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.13778 AT (	630860.00,	4176330.00,	50.90,	0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.13750 AT (	630830.00,	4176360.00,	50.90,	0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.13724 AT (	630890.00,	4176270.00,	50.90,	0.00)	DC	NA

*** THE SUMMARY OF MAXIMUM PERIOD (8760 HRS) RESULTS ***

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)				OF TYPE	NETWORK GRID-ID
HIGHWAY	1ST HIGHEST VALUE IS	0.08066 AT (	629900.00,	4175400.00,	70.10,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.07891 AT (	629930.00,	4175400.00,	70.10,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.07730 AT (	629960.00,	4175400.00,	70.10,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.07630 AT (	629900.00,	4175430.00,	68.90,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.07583 AT (	629990.00,	4175400.00,	70.10,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.07491 AT (	629930.00,	4175430.00,	68.90,	0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.07450 AT (	630020.00,	4175400.00,	70.10,	0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.07363 AT (	629960.00,	4175430.00,	68.90,	0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.07350 AT (	629930.00,	4175460.00,	68.60,	0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.07328 AT (	630050.00,	4175400.00,	70.10,	0.00)	DC	NA
BASOURCE	1ST HIGHEST VALUE IS	0.31747 AT (	629900.00,	4175400.00,	70.10,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.31705 AT (	629900.00,	4175430.00,	68.90,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.31683 AT (	629930.00,	4175400.00,	70.10,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.31677 AT (	629930.00,	4175460.00,	68.60,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.31654 AT (	629930.00,	4175430.00,	68.90,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.31645 AT (	630080.00,	4175430.00,	70.10,	0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.31630 AT (	629960.00,	4175400.00,	70.10,	0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.31606 AT (	630110.00,	4175430.00,	70.10,	0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.31604 AT (	629960.00,	4175430.00,	68.90,	0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.31564 AT (	630080.00,	4175460.00,	68.90,	0.00)	DC	NA
SJSOURCE	1ST HIGHEST VALUE IS	19.00927 AT (	630290.00,	4175490.00,	67.10,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	18.47713 AT (	630230.00,	4175460.00,	68.00,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	18.44373 AT (	630260.00,	4175490.00,	67.10,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	15.38939 AT (	629930.00,	4175700.00,	64.90,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	14.95366 AT (	630260.00,	4175460.00,	68.00,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	14.74569 AT (	630320.00,	4175490.00,	67.10,	0.00)	DC	NA
	7TH HIGHEST VALUE IS	12.55360 AT (	629960.00,	4175700.00,	64.30,	0.00)	DC	NA
	8TH HIGHEST VALUE IS	11.57373 AT (	630200.00,	4175400.00,	69.30,	0.00)	DC	NA
	9TH HIGHEST VALUE IS	11.29563 AT (	630200.00,	4175430.00,	68.90,	0.00)	DC	NA
	10TH HIGHEST VALUE IS	10.16121 AT (	630350.00,	4175490.00,	66.40,	0.00)	DC	NA

Excerpt PM10_PSD_98_increment24_PM24.USF

*** ISCST3 - VERSION 02035 ***
*** FPL Tesla ***
*** Model Executed on 09/26/06 at 15:57:57 ***

Input File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\98\Increment Analysis\PM10_PSD_98_increment24_PM24.DTA

Output File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\98\Increment Analysis\PM10_PSD_98_increment24_PM24.LST

Met File - D:\AIR\NATALIEY\TELSA\MET\tracy98.asc

Number of sources - 1031
Number of source groups - 10
Number of receptors - 11718

*** POINT SOURCE DATA ***

(Same sources as "PM10_PSD_97_increment24_PM24.USF")

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM24 IN MICROGRAMS/M**3 **

NETWORK GROUP ID			AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR,	YR,	ZELEV,	ZFLAG)	OF TYPE		GRID-ID
ALL	HIGH	1ST HIGH VALUE IS	19.25379	ON 98011424: AT (	629400.00,	4175900.00,	72.30,	0.00)	DC		NA
	HIGH	2ND HIGH VALUE IS	15.15460c	ON 98011524: AT (	629400.00,	4175900.00,	72.30,	0.00)	DC		NA
GT	HIGH	1ST HIGH VALUE IS	3.65761	ON 98011424: AT (	620400.00,	4180400.00,	260.70,	0.00)	DC		NA
	HIGH	2ND HIGH VALUE IS	2.46690c	ON 98012324: AT (	621297.00,	4176224.00,	275.90,	0.00)	GC	1	
CT	HIGH	1ST HIGH VALUE IS	6.93770	ON 98063024: AT (	626390.00,	4176170.00,	123.70,	0.00)	DC		NA
	HIGH	2ND HIGH VALUE IS	6.06375	ON 98062924: AT (	626390.00,	4176170.00,	123.70,	0.00)	DC		NA
EMGEN	HIGH	1ST HIGH VALUE IS	0.31006	ON 98021024: AT (	625910.00,	4176110.00,	121.30,	0.00)	DC		NA
	HIGH	2ND HIGH VALUE IS	0.25771	ON 98051224: AT (	625910.00,	4176110.00,	121.30,	0.00)	DC		NA
FW	HIGH	1ST HIGH VALUE IS	0.07004c	ON 98031224: AT (	626300.00,	4176110.00,	116.50,	0.00)	DC		NA
	HIGH	2ND HIGH VALUE IS	0.03168c	ON 98032324: AT (	626390.00,	4176020.00,	117.00,	0.00)	DC		NA
TESLA	HIGH	1ST HIGH VALUE IS	6.99658	ON 98063024: AT (	626390.00,	4176170.00,	123.70,	0.00)	DC		NA
	HIGH	2ND HIGH VALUE IS	6.09423	ON 98062924: AT (	626390.00,	4176170.00,	123.70,	0.00)	DC		NA
TRACY	HIGH	1ST HIGH VALUE IS	6.77818c	ON 98012524: AT (	630400.00,	4178900.00,	28.00,	0.00)	DC		NA
	HIGH	2ND HIGH VALUE IS	5.90410c	ON 98012524: AT (	631400.00,	4178400.00,	28.00,	0.00)	DC		NA
HIGHWAY	HIGH	1ST HIGH VALUE IS	4.46103c	ON 98012524: AT (	623700.00,	4177400.00,	133.40,	0.00)	DC		NA
	HIGH	2ND HIGH VALUE IS	4.24522c	ON 98012524: AT (	624600.00,	4177600.00,	109.10,	0.00)	DC		NA
BASOURCE	HIGH	1ST HIGH VALUE IS	1.85075c	ON 98032524: AT (	625300.00,	4177800.00,	124.30,	0.00)	DC		NA
	HIGH	2ND HIGH VALUE IS	1.68976c	ON 98042724: AT (	622400.00,	4178900.00,	124.00,	0.00)	DC		NA
SJSOURCE	HIGH	1ST HIGH VALUE IS	18.84056	ON 98011424: AT (	629400.00,	4175900.00,	72.30,	0.00)	DC		NA
	HIGH	2ND HIGH VALUE IS	13.98854c	ON 98011524: AT (	629400.00,	4175900.00,	72.30,	0.00)	DC		NA

Excerpt PM10_PSD_98_increment24_part2_98_PM24.USF

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*** ISCST3 - VERSION 02035 ***
*** FPL Tesla                                                                                  ***
*** Model Executed on 09/26/06 at 16:17:05 ***
 Input File - D:\FROHNING\TPP\1998\PM10_PSD_98_increment24_part2_98_PM24.DTA

Output File - D:\FROHNING\TPP\1998\PM10_PSD_98_increment24_part2_98_PM24.LST

   Met File - D:\FROHNING\TPP\Met\tracy98_2.asc

      Number of sources -       1031
Number of source groups -         10
    Number of receptors -      11718
```

*** POINT SOURCE DATA ***

(Same sources as "PM10_PSD_97_increment24_PM24.USF")

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM24 IN MICROGRAMS/M**3 **

NETWORK GROUP ID GRID-ID			AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)				OF TYPE
ALL NA	HIGH	1ST HIGH VALUE IS	19.37548c	ON 98111024: AT (	629400.00,	4175900.00,	72.30,	0.00)	DC
NA	HIGH	2ND HIGH VALUE IS	18.34804	ON 98112924: AT (	629400.00,	4175900.00,	72.30,	0.00)	DC
GT NA	HIGH	1ST HIGH VALUE IS	2.81924c	ON 98111024: AT (	620400.00,	4180400.00,	260.70,	0.00)	DC
NA	HIGH	2ND HIGH VALUE IS	2.65146	ON 98112924: AT (	620400.00,	4180400.00,	260.70,	0.00)	DC
CT NA	HIGH	1ST HIGH VALUE IS	8.25060	ON 98081424: AT (	626540.00,	4176140.00,	127.50,	0.00)	DC
NA	HIGH	2ND HIGH VALUE IS	6.87210	ON 98081724: AT (	626390.00,	4176170.00,	123.70,	0.00)	DC
EMGEN NA	HIGH	1ST HIGH VALUE IS	0.28739	ON 98112924: AT (	625880.00,	4176110.00,	122.90,	0.00)	DC
NA	HIGH	2ND HIGH VALUE IS	0.22777c	ON 98072624: AT (	625910.00,	4176110.00,	121.30,	0.00)	DC
FW NA	HIGH	1ST HIGH VALUE IS	0.05211	ON 98122424: AT (	626360.00,	4176050.00,	116.20,	0.00)	DC
NA	HIGH	2ND HIGH VALUE IS	0.04133c	ON 98111324: AT (	626420.00,	4175990.00,	117.60,	0.00)	DC
TESLA NA	HIGH	1ST HIGH VALUE IS	8.31219	ON 98081424: AT (	626570.00,	4176140.00,	130.00,	0.00)	DC
NA	HIGH	2ND HIGH VALUE IS	6.90697	ON 98081724: AT (	626390.00,	4176170.00,	123.70,	0.00)	DC
TRACY NA	HIGH	1ST HIGH VALUE IS	5.65628c	ON 98111024: AT (	630900.00,	4178900.00,	25.00,	0.00)	DC
NA	HIGH	2ND HIGH VALUE IS	5.40718	ON 98112924: AT (	630900.00,	4178900.00,	25.00,	0.00)	DC
HIGHWAY NA	HIGH	1ST HIGH VALUE IS	4.54771c	ON 98122724: AT (	623400.00,	4177300.00,	152.10,	0.00)	DC
NA	HIGH	2ND HIGH VALUE IS	4.33155c	ON 98122524: AT (	624200.00,	4177500.00,	120.00,	0.00)	DC
BASOURCE NA	HIGH	1ST HIGH VALUE IS	2.27002c	ON 98111324: AT (	620400.00,	4178900.00,	170.40,	0.00)	DC
NA	HIGH	2ND HIGH VALUE IS	1.88926c	ON 98121624: AT (	626690.00,	4175810.00,	128.80,	0.00)	DC
SJSOURCE NA	HIGH	1ST HIGH VALUE IS	18.58930c	ON 98111024: AT (	629400.00,	4175900.00,	72.30,	0.00)	DC
NA	HIGH	2ND HIGH VALUE IS	17.72644	ON 98112924: AT (	629400.00,	4175900.00,	72.30,	0.00)	DC

Excerpt PM10_PSD_98_increment24_fine grid_PM24.USF

```
*** ISCST3 - VERSION 02035 ***
*** FPL Tesla                                                  ***
*** Model Executed on 09/29/06 at 16:02:01 ***
 Input File - D:\FROHNING\TPP\1998\PM10_PSD_98_increment24_fine grid_PM24.DTA

Output File - D:\FROHNING\TPP\1998\PM10_PSD_98_increment24_fine grid_PM24.LST

   Met File - D:\FROHNING\TPP\Met\tracy98_2.asc

      Number of sources -       1031
Number of source groups -         10
    Number of receptors -       1156
```

*** POINT SOURCE DATA ***

(Same sources as "PM10_PSD_97_increment24_PM24.USF")

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM24 IN MICROGRAMS/M**3 **

NETWORK GROUP ID GRID-ID			AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)				OF TYPE
ALL NA	HIGH	1ST HIGH VALUE IS	73.08276	ON 98112924: AT (	629800.00,	4175730.00,	67.10,	0.00)	DC
NA	HIGH	2ND HIGH VALUE IS	58.97182c	ON 98020224: AT (	629800.00,	4175730.00,	67.10,	0.00)	DC
GT NA	HIGH	1ST HIGH VALUE IS	0.50988	ON 98072324: AT (	629020.00,	4175910.00,	78.90,	0.00)	DC
NA	HIGH	2ND HIGH VALUE IS	0.45711	ON 98070924: AT (	628900.00,	4176390.00,	70.10,	0.00)	DC
CT NA	HIGH	1ST HIGH VALUE IS	0.30309	ON 98081424: AT (	628900.00,	4176390.00,	70.10,	0.00)	DC
NA	HIGH	2ND HIGH VALUE IS	0.20725	ON 98091524: AT (	628900.00,	4176390.00,	70.10,	0.00)	DC
EMGEN NA	HIGH	1ST HIGH VALUE IS	0.00632c	ON 98121524: AT (	628900.00,	4175520.00,	95.60,	0.00)	DC
NA	HIGH	2ND HIGH VALUE IS	0.00532	ON 98012124: AT (	628900.00,	4175550.00,	95.30,	0.00)	DC
FW NA	HIGH	1ST HIGH VALUE IS	0.00132c	ON 98122724: AT (	628900.00,	4175640.00,	88.70,	0.00)	DC
NA	HIGH	2ND HIGH VALUE IS	0.00102	ON 98012124: AT (	628900.00,	4175520.00,	95.60,	0.00)	DC
TESLA NA	HIGH	1ST HIGH VALUE IS	0.69307	ON 98072324: AT (	629020.00,	4175910.00,	78.90,	0.00)	DC
NA	HIGH	2ND HIGH VALUE IS	0.55993	ON 98081424: AT (	628900.00,	4176390.00,	70.10,	0.00)	DC
TRACY NA	HIGH	1ST HIGH VALUE IS	1.41708c	ON 98012524: AT (	629890.00,	4176390.00,	59.10,	0.00)	DC
NA	HIGH	2ND HIGH VALUE IS	0.99293c	ON 98012224: AT (	629890.00,	4176390.00,	59.10,	0.00)	DC
HIGHWAY NA	HIGH	1ST HIGH VALUE IS	2.20883	ON 98011424: AT (	629200.00,	4175550.00,	85.00,	0.00)	DC
NA	HIGH	2ND HIGH VALUE IS	1.93746	ON 98112924: AT (	629200.00,	4175550.00,	85.00,	0.00)	DC
BASOURCE NA	HIGH	1ST HIGH VALUE IS	1.55029c	ON 98090324: AT (	629290.00,	4175910.00,	77.30,	0.00)	DC
NA	HIGH	2ND HIGH VALUE IS	1.32519c	ON 98103124: AT (	628960.00,	4176180.00,	71.60,	0.00)	DC
SJSOURCE NA	HIGH	1ST HIGH VALUE IS	72.47552	ON 98112924: AT (	629800.00,	4175730.00,	67.10,	0.00)	DC
NA	HIGH	2ND HIGH VALUE IS	58.46850c	ON 98020224: AT (	629800.00,	4175730.00,	67.10,	0.00)	DC
NA									

Excerpt PM10_PSD_98_incrementAN_PMAN.USF

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*** ISCST3 - VERSION 02035 ***
*** FPL Tesla                                                              ***
*** Model Executed on 09/22/06 at 17:48:25 ***
 Input File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\98\Increment Analysis\PM10_PSD_98_incrementAN_PMAN.DTA

Output File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\98\Increment Analysis\PM10_PSD_98_incrementAN_PMAN.LST

   Met File - D:\AIR\NATALIEY\TELSA\MET\tracy98.asc

      Number of sources -       1031
Number of source groups -         10
    Number of receptors -      11718
```

*** POINT SOURCE DATA ***

(Same sources as "PM10_PSD_97_increment24_PM24.USF")

*** THE SUMMARY OF MAXIMUM PERIOD (4356 HRS) RESULTS ***

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

GROUP ID		AVERAGE CONC		RECEPTOR (XR,	YR,	ZELEV,	ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	2.97116	AT (	630400.00,	4175900.00,	60.40,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	2.86460	AT (	629400.00,	4175900.00,	72.30,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	2.72433	AT (	631400.00,	4178900.00,	22.30,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	2.63102	AT (	631900.00,	4178900.00,	19.80,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	2.60729	AT (	630900.00,	4178900.00,	25.00,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	2.60298	AT (	628900.00,	4181400.00,	18.00,	0.00)	DC	NA
	7TH HIGHEST VALUE IS	2.51577	AT (	631900.00,	4178400.00,	24.70,	0.00)	DC	NA
	8TH HIGHEST VALUE IS	2.48407	AT (	631400.00,	4178400.00,	28.00,	0.00)	DC	NA
	9TH HIGHEST VALUE IS	2.39465	AT (	628400.00,	4181400.00,	22.90,	0.00)	DC	NA
	10TH HIGHEST VALUE IS	2.38577	AT (	630400.00,	4175400.00,	68.00,	0.00)	DC	NA
GT	1ST HIGHEST VALUE IS	0.31023	AT (	620400.00,	4180400.00,	260.70,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.24185	AT (	621247.00,	4176274.00,	279.10,	0.00)	GC	1
	3RD HIGHEST VALUE IS	0.24041	AT (	621197.00,	4176274.00,	281.80,	0.00)	GC	1
	4TH HIGHEST VALUE IS	0.23796	AT (	621297.00,	4176274.00,	271.30,	0.00)	GC	1
	5TH HIGHEST VALUE IS	0.23756	AT (	621247.00,	4176224.00,	287.40,	0.00)	GC	1
	6TH HIGHEST VALUE IS	0.23594	AT (	620400.00,	4177400.00,	256.70,	0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.23549	AT (	621297.00,	4176224.00,	275.90,	0.00)	GC	1
	8TH HIGHEST VALUE IS	0.23539	AT (	621197.00,	4176224.00,	290.90,	0.00)	GC	1
	9TH HIGHEST VALUE IS	0.23524	AT (	621247.00,	4176124.00,	286.20,	0.00)	GC	1
	10TH HIGHEST VALUE IS	0.23497	AT (	621247.00,	4176174.00,	287.30,	0.00)	GC	1
CT	1ST HIGHEST VALUE IS	0.70286	AT (	626630.00,	4176260.00,	137.80,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.69701	AT (	626630.00,	4176230.00,	135.60,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.67427	AT (	626660.00,	4176260.00,	139.70,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.66784	AT (	626390.00,	4176200.00,	127.10,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.65082	AT (	626660.00,	4176230.00,	138.00,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.63116	AT (	626690.00,	4176260.00,	139.90,	0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.62659	AT (	626630.00,	4176290.00,	138.30,	0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.62572	AT (	626660.00,	4176290.00,	139.90,	0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.61556	AT (	626390.00,	4176170.00,	123.70,	0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.61270	AT (	626420.00,	4176200.00,	126.40,	0.00)	DC	NA

*** THE SUMMARY OF MAXIMUM PERIOD (4356 HRS) RESULTS ***

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

GROUP ID		AVERAGE CONC		RECEPTOR (XR,	YR,	ZELEV,	ZFLAG)	OF TYPE	NETWORK GRID-ID
EMGEN	1ST HIGHEST VALUE IS	0.00990	AT (	626330.00,	4176080.00,	116.10,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.00951	AT (	626360.00,	4176050.00,	116.20,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.00909	AT (	626360.00,	4176080.00,	116.10,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.00834	AT (	626390.00,	4176050.00,	116.10,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.00830	AT (	626390.00,	4176080.00,	116.10,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.00785	AT (	626360.00,	4176110.00,	117.30,	0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.00780	AT (	625910.00,	4176110.00,	121.30,	0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.00769	AT (	626390.00,	4176110.00,	117.30,	0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.00765	AT (	626480.00,	4176110.00,	121.50,	0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.00761	AT (	626450.00,	4176140.00,	121.20,	0.00)	DC	NA
FW	1ST HIGHEST VALUE IS	0.00284	AT (	626420.00,	4175990.00,	117.60,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.00244	AT (	626450.00,	4175990.00,	116.40,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.00217	AT (	626450.00,	4176020.00,	116.10,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.00217	AT (	626390.00,	4176020.00,	117.00,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.00215	AT (	626420.00,	4176020.00,	116.20,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.00214	AT (	626480.00,	4175990.00,	116.10,	0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.00203	AT (	626480.00,	4176020.00,	116.90,	0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.00199	AT (	626540.00,	4175990.00,	119.70,	0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.00197	AT (	626540.00,	4176020.00,	124.40,	0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.00196	AT (	626480.00,	4175960.00,	117.00,	0.00)	DC	NA

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TESLA     1ST HIGHEST VALUE IS      0.76184 AT (  626630.00,  4176260.00,    137.80,      0.00)  DC      NA
           2ND HIGHEST VALUE IS     0.75430 AT (  626630.00,  4176230.00,    135.60,      0.00)  DC      NA
           3RD HIGHEST VALUE IS     0.74874 AT (  626660.00,  4176260.00,    139.70,      0.00)  DC      NA
           4TH HIGHEST VALUE IS     0.72414 AT (  626660.00,  4176230.00,    138.00,      0.00)  DC      NA
           5TH HIGHEST VALUE IS     0.71353 AT (  626690.00,  4176260.00,    139.90,      0.00)  DC      NA
           6TH HIGHEST VALUE IS     0.69126 AT (  626660.00,  4176290.00,    139.90,      0.00)  DC      NA
           7TH HIGHEST VALUE IS     0.68779 AT (  626690.00,  4176230.00,    139.30,      0.00)  DC      NA
           8TH HIGHEST VALUE IS     0.67860 AT (  626720.00,  4176260.00,    139.90,      0.00)  DC      NA
           9TH HIGHEST VALUE IS     0.67858 AT (  626390.00,  4176200.00,    127.10,      0.00)  DC      NA
          10TH HIGHEST VALUE IS     0.67848 AT (  626630.00,  4176290.00,    138.30,      0.00)  DC      NA


                                  *** THE SUMMARY OF MAXIMUM PERIOD (  4356 HRS) RESULTS ***

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

                                                                                              NETWORK
GROUP ID                     AVERAGE CONC              RECEPTOR  (XR, YR, ZELEV, ZFLAG)   OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

TRACY     1ST HIGHEST VALUE IS      2.15890 AT (  631400.00,  4178900.00,     22.30,      0.00)  DC      NA
           2ND HIGHEST VALUE IS     2.07030 AT (  630900.00,  4178900.00,     25.00,      0.00)  DC      NA
           3RD HIGHEST VALUE IS     2.03774 AT (  631900.00,  4178900.00,     19.80,      0.00)  DC      NA
           4TH HIGHEST VALUE IS     1.97571 AT (  628900.00,  4181400.00,     18.00,      0.00)  DC      NA
           5TH HIGHEST VALUE IS     1.88271 AT (  631900.00,  4178400.00,     24.70,      0.00)  DC      NA
           6TH HIGHEST VALUE IS     1.85381 AT (  631400.00,  4178400.00,     28.00,      0.00)  DC      NA
           7TH HIGHEST VALUE IS     1.83593 AT (  628400.00,  4181400.00,     22.90,      0.00)  DC      NA
           8TH HIGHEST VALUE IS     1.83517 AT (  630400.00,  4178900.00,     28.00,      0.00)  DC      NA
           9TH HIGHEST VALUE IS     0.84635 AT (  629400.00,  4181400.00,     15.80,      0.00)  DC      NA
          10TH HIGHEST VALUE IS     0.81886 AT (  628900.00,  4180900.00,     20.10,      0.00)  DC      NA

HIGHWAY   1ST HIGHEST VALUE IS      1.54102 AT (  624600.00,  4177600.00,    109.10,      0.00)  DC      NA
           2ND HIGHEST VALUE IS     1.52559 AT (  625200.00,  4177700.00,    135.70,      0.00)  DC      NA
           3RD HIGHEST VALUE IS     1.27437 AT (  624200.00,  4177500.00,    120.00,      0.00)  DC      NA
           4TH HIGHEST VALUE IS     1.26154 AT (  623600.00,  4177400.00,    143.50,      0.00)  DC      NA
           5TH HIGHEST VALUE IS     1.21709 AT (  624300.00,  4177500.00,    128.00,      0.00)  DC      NA
           6TH HIGHEST VALUE IS     1.11915 AT (  623400.00,  4177300.00,    152.10,      0.00)  DC      NA
           7TH HIGHEST VALUE IS     1.04310 AT (  626200.00,  4177900.00,    101.70,      0.00)  DC      NA
           8TH HIGHEST VALUE IS     1.02923 AT (  620497.00,  4176624.00,    204.60,      0.00)  GC    1
           9TH HIGHEST VALUE IS     0.98962 AT (  625500.00,  4177800.00,    121.90,      0.00)  DC      NA
          10TH HIGHEST VALUE IS     0.98961 AT (  626000.00,  4177900.00,     97.90,      0.00)  DC      NA

BASOURCE  1ST HIGHEST VALUE IS      0.48063 AT (  620697.00,  4176224.00,    179.50,      0.00)  GC    1
           2ND HIGHEST VALUE IS     0.48042 AT (  620747.00,  4176274.00,    178.60,      0.00)  GC    1
           3RD HIGHEST VALUE IS     0.47434 AT (  620647.00,  4176174.00,    181.20,      0.00)  GC    1
           4TH HIGHEST VALUE IS     0.47134 AT (  620497.00,  4176124.00,    182.90,      0.00)  GC    1
           5TH HIGHEST VALUE IS     0.47119 AT (  620897.00,  4176524.00,    179.30,      0.00)  GC    1
           6TH HIGHEST VALUE IS     0.47077 AT (  620547.00,  4176174.00,    183.00,      0.00)  GC    1
           7TH HIGHEST VALUE IS     0.46852 AT (  620547.00,  4176074.00,    184.40,      0.00)  GC    1
           8TH HIGHEST VALUE IS     0.46842 AT (  620497.00,  4176024.00,    186.40,      0.00)  GC    1
           9TH HIGHEST VALUE IS     0.46833 AT (  620547.00,  4176124.00,    182.90,      0.00)  GC    1
          10TH HIGHEST VALUE IS     0.46797 AT (  620597.00,  4176174.00,    182.90,      0.00)  GC    1


                                  *** THE SUMMARY OF MAXIMUM PERIOD (  4356 HRS) RESULTS ***

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

                                                                                              NETWORK
GROUP ID                     AVERAGE CONC              RECEPTOR  (XR, YR, ZELEV, ZFLAG)   OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

SJSOURCE  1ST HIGHEST VALUE IS      2.43076 AT (  630400.00,  4175900.00,     60.40,      0.00)  DC      NA
           2ND HIGHEST VALUE IS     2.27906 AT (  629400.00,  4175900.00,     72.30,      0.00)  DC      NA
           3RD HIGHEST VALUE IS     1.87079 AT (  630400.00,  4175400.00,     68.00,      0.00)  DC      NA
           4TH HIGHEST VALUE IS     1.61107 AT (  628900.00,  4176900.00,     66.80,      0.00)  DC      NA
           5TH HIGHEST VALUE IS     1.59277 AT (  629900.00,  4175400.00,     70.10,      0.00)  DC      NA
           6TH HIGHEST VALUE IS     1.42098 AT (  629100.00,  4176100.00,     70.70,      0.00)  DC      NA
           7TH HIGHEST VALUE IS     1.38242 AT (  629100.00,  4176000.00,     73.20,      0.00)  DC      NA
           8TH HIGHEST VALUE IS     1.35988 AT (  629000.00,  4176200.00,     70.60,      0.00)  DC      NA
           9TH HIGHEST VALUE IS     1.31726 AT (  629100.00,  4176200.00,     69.30,      0.00)  DC      NA
          10TH HIGHEST VALUE IS     1.27543 AT (  629100.00,  4175900.00,     78.30,      0.00)  DC      NA
```

Excerpt PM10_PSD_98_incrementAN_part2_PMAN.USF

*** ISCST3 - VERSION 02035 ***
*** FPL Tesla ***
*** Model Executed on 09/21/06 at 11:48:29 ***

Input File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\98\Increment Analysis\PM10_PSD_98_incrementAN_part2_PMAN.DTA

Output File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\98\Increment Analysis\PM10_PSD_98_incrementAN_part2_PMAN.LST

Met File - D:\AIR\NATALIEY\TELSA\MET\tracy98_2.asc

Number of sources - 1031
Number of source groups - 10
Number of receptors - 11718

*** POINT SOURCE DATA ***

(Same sources as "PM10_PSD_97_increment24_PM24.USF")

*** THE SUMMARY OF MAXIMUM PERIOD (4404 HRS) RESULTS ***

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

GROUP ID		AVERAGE CONC		RECEPTOR (XR,	YR,	ZELEV,	ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	3.07151	AT (	630400.00,	4175900.00,	60.40,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	2.85828	AT (	629900.00,	4175400.00,	70.10,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	2.45003	AT (	631900.00,	4178900.00,	19.80,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	2.44707	AT (	631400.00,	4178900.00,	22.30,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	2.41719	AT (	631900.00,	4178400.00,	24.70,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	2.35134	AT (	628900.00,	4181400.00,	18.00,	0.00)	DC	NA
	7TH HIGHEST VALUE IS	2.32617	AT (	630900.00,	4178900.00,	25.00,	0.00)	DC	NA
	8TH HIGHEST VALUE IS	2.29924	AT (	631400.00,	4178400.00,	28.00,	0.00)	DC	NA
	9TH HIGHEST VALUE IS	2.28450	AT (	630400.00,	4175400.00,	68.00,	0.00)	DC	NA
	10TH HIGHEST VALUE IS	2.21983	AT (	625200.00,	4177700.00,	135.70,	0.00)	DC	NA
GT	1ST HIGHEST VALUE IS	0.18444	AT (	626400.00,	4173200.00,	182.90,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.18044	AT (	626000.00,	4173500.00,	181.90,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.17697	AT (	620400.00,	4180400.00,	260.70,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.17654	AT (	626900.00,	4171900.00,	258.80,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.17466	AT (	626900.00,	4171400.00,	350.50,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.17461	AT (	626400.00,	4172900.00,	182.30,	0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.17376	AT (	626400.00,	4171400.00,	314.20,	0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.17228	AT (	626400.00,	4173400.00,	177.10,	0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.17201	AT (	626400.00,	4171900.00,	249.00,	0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.17162	AT (	626300.00,	4173600.00,	167.30,	0.00)	DC	NA
CT	1ST HIGHEST VALUE IS	1.36622	AT (	626630.00,	4176230.00,	135.60,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	1.30449	AT (	626660.00,	4176230.00,	138.00,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	1.25561	AT (	626630.00,	4176260.00,	137.80,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	1.23986	AT (	626690.00,	4176230.00,	139.30,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	1.23921	AT (	626660.00,	4176260.00,	139.70,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	1.19664	AT (	626690.00,	4176260.00,	139.90,	0.00)	DC	NA
	7TH HIGHEST VALUE IS	1.17713	AT (	626720.00,	4176230.00,	139.80,	0.00)	DC	NA
	8TH HIGHEST VALUE IS	1.16568	AT (	626690.00,	4176200.00,	137.10,	0.00)	DC	NA
	9TH HIGHEST VALUE IS	1.15655	AT (	626720.00,	4176260.00,	139.90,	0.00)	DC	NA
	10TH HIGHEST VALUE IS	1.12238	AT (	626750.00,	4176230.00,	140.40,	0.00)	DC	NA

*** THE SUMMARY OF MAXIMUM PERIOD (4404 HRS) RESULTS ***

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

GROUP ID		AVERAGE CONC		RECEPTOR (XR,	YR,	ZELEV,	ZFLAG)	OF TYPE	NETWORK GRID-ID
EMGEN	1ST HIGHEST VALUE IS	0.01060	AT (	626360.00,	4176050.00,	116.20,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.01011	AT (	626330.00,	4176080.00,	116.10,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.00974	AT (	626360.00,	4176080.00,	116.10,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.00945	AT (	626390.00,	4176050.00,	116.10,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.00911	AT (	626390.00,	4176080.00,	116.10,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.00861	AT (	626390.00,	4176020.00,	117.00,	0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.00847	AT (	626420.00,	4176080.00,	116.10,	0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.00846	AT (	626510.00,	4176080.00,	126.30,	0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.00845	AT (	626420.00,	4176050.00,	116.10,	0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.00839	AT (	626480.00,	4176110.00,	121.50,	0.00)	DC	NA
FW	1ST HIGHEST VALUE IS	0.00307	AT (	626420.00,	4175990.00,	117.60,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.00269	AT (	626450.00,	4175990.00,	116.40,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.00239	AT (	626480.00,	4175990.00,	116.10,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.00233	AT (	626480.00,	4175960.00,	117.00,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.00224	AT (	626540.00,	4175990.00,	119.70,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.00219	AT (	626540.00,	4176020.00,	124.40,	0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.00218	AT (	626570.00,	4176020.00,	131.50,	0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.00215	AT (	626510.00,	4175990.00,	116.90,	0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.00215	AT (	626480.00,	4176020.00,	116.90,	0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.00214	AT (	626600.00,	4176020.00,	136.90,	0.00)	DC	NA

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TESLA     1ST HIGHEST VALUE IS      1.40524 AT (  626630.00,  4176230.00,    135.60,      0.00)  DC      NA
          2ND HIGHEST VALUE IS      1.35827 AT (  626660.00,  4176230.00,    138.00,      0.00)  DC      NA
          3RD HIGHEST VALUE IS      1.30602 AT (  626690.00,  4176230.00,    139.30,      0.00)  DC      NA
          4TH HIGHEST VALUE IS      1.29343 AT (  626630.00,  4176260.00,    137.80,      0.00)  DC      NA
          5TH HIGHEST VALUE IS      1.29067 AT (  626660.00,  4176260.00,    139.70,      0.00)  DC      NA
          6TH HIGHEST VALUE IS      1.25623 AT (  626690.00,  4176260.00,    139.90,      0.00)  DC      NA
          7TH HIGHEST VALUE IS      1.25180 AT (  626720.00,  4176230.00,    139.80,      0.00)  DC      NA
          8TH HIGHEST VALUE IS      1.22702 AT (  626690.00,  4176200.00,    137.10,      0.00)  DC      NA
          9TH HIGHEST VALUE IS      1.22300 AT (  626720.00,  4176260.00,    139.90,      0.00)  DC      NA
         10TH HIGHEST VALUE IS      1.20554 AT (  626750.00,  4176230.00,    140.40,      0.00)  DC      NA


                        *** THE SUMMARY OF MAXIMUM PERIOD (  4404 HRS) RESULTS ***

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

                                                                                          NETWORK
GROUP ID                     AVERAGE CONC              RECEPTOR  (XR, YR, ZELEV, ZFLAG)   OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

TRACY     1ST HIGHEST VALUE IS      1.92035 AT (  631400.00,  4178900.00,     22.30,      0.00)  DC      NA
          2ND HIGHEST VALUE IS      1.90710 AT (  631900.00,  4178900.00,     19.80,      0.00)  DC      NA
          3RD HIGHEST VALUE IS      1.84365 AT (  628900.00,  4181400.00,     18.00,      0.00)  DC      NA
          4TH HIGHEST VALUE IS      1.80212 AT (  630900.00,  4178900.00,     25.00,      0.00)  DC      NA
          5TH HIGHEST VALUE IS      1.78419 AT (  631900.00,  4178400.00,     24.70,      0.00)  DC      NA
          6TH HIGHEST VALUE IS      1.68499 AT (  631400.00,  4178400.00,     28.00,      0.00)  DC      NA
          7TH HIGHEST VALUE IS      1.61495 AT (  628400.00,  4181400.00,     22.90,      0.00)  DC      NA
          8TH HIGHEST VALUE IS      1.57103 AT (  630400.00,  4178900.00,     28.00,      0.00)  DC      NA
          9TH HIGHEST VALUE IS      0.81458 AT (  628900.00,  4180900.00,     20.10,      0.00)  DC      NA
         10TH HIGHEST VALUE IS      0.77813 AT (  629400.00,  4181400.00,     15.80,      0.00)  DC      NA

HIGHWAY   1ST HIGHEST VALUE IS      1.44642 AT (  625200.00,  4177700.00,    135.70,      0.00)  DC      NA
          2ND HIGHEST VALUE IS      1.35798 AT (  624200.00,  4177500.00,    120.00,      0.00)  DC      NA
          3RD HIGHEST VALUE IS      1.33723 AT (  624600.00,  4177600.00,    109.10,      0.00)  DC      NA
          4TH HIGHEST VALUE IS      1.30935 AT (  623400.00,  4177300.00,    152.10,      0.00)  DC      NA
          5TH HIGHEST VALUE IS      1.30760 AT (  624300.00,  4177500.00,    128.00,      0.00)  DC      NA
          6TH HIGHEST VALUE IS      1.27952 AT (  620497.00,  4176624.00,    204.60,      0.00)  GC    1
          7TH HIGHEST VALUE IS      1.12963 AT (  625400.00,  4177700.00,    128.00,      0.00)  DC      NA
          8TH HIGHEST VALUE IS      1.11179 AT (  625000.00,  4177600.00,    124.10,      0.00)  DC      NA
          9TH HIGHEST VALUE IS      0.98792 AT (  626200.00,  4177900.00,    101.70,      0.00)  DC      NA
         10TH HIGHEST VALUE IS      0.97840 AT (  623600.00,  4177400.00,    143.50,      0.00)  DC      NA

BASOURCE  1ST HIGHEST VALUE IS      0.56333 AT (  620747.00,  4176274.00,    178.60,      0.00)  GC    1
          2ND HIGHEST VALUE IS      0.56303 AT (  620697.00,  4176224.00,    179.50,      0.00)  GC    1
          3RD HIGHEST VALUE IS      0.56127 AT (  626060.00,  4177100.00,    118.50,      0.00)  DC      NA
          4TH HIGHEST VALUE IS      0.56091 AT (  626240.00,  4177190.00,    118.10,      0.00)  DC      NA
          5TH HIGHEST VALUE IS      0.56079 AT (  626240.00,  4177160.00,    118.20,      0.00)  DC      NA
          6TH HIGHEST VALUE IS      0.56042 AT (  625550.00,  4177070.00,    117.90,      0.00)  DC      NA
          7TH HIGHEST VALUE IS      0.55919 AT (  625940.00,  4176890.00,    117.80,      0.00)  DC      NA
          8TH HIGHEST VALUE IS      0.55901 AT (  625850.00,  4177160.00,    117.60,      0.00)  DC      NA
          9TH HIGHEST VALUE IS      0.55876 AT (  626060.00,  4177040.00,    118.50,      0.00)  DC      NA
         10TH HIGHEST VALUE IS      0.55876 AT (  625790.00,  4177160.00,    117.70,      0.00)  DC      NA


                        *** THE SUMMARY OF MAXIMUM PERIOD (  4404 HRS) RESULTS ***

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

                                                                                          NETWORK
GROUP ID                     AVERAGE CONC              RECEPTOR  (XR, YR, ZELEV, ZFLAG)   OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

SJSOURCE  1ST HIGHEST VALUE IS      2.53152 AT (  630400.00,  4175900.00,     60.40,      0.00)  DC      NA
          2ND HIGHEST VALUE IS      2.29756 AT (  629900.00,  4175400.00,     70.10,      0.00)  DC      NA
          3RD HIGHEST VALUE IS      1.76147 AT (  630400.00,  4175400.00,     68.00,      0.00)  DC      NA
          4TH HIGHEST VALUE IS      1.40130 AT (  629400.00,  4175900.00,     72.30,      0.00)  DC      NA
          5TH HIGHEST VALUE IS      1.34400 AT (  628900.00,  4176800.00,     66.80,      0.00)  DC      NA
          6TH HIGHEST VALUE IS      1.30818 AT (  628900.00,  4176900.00,     66.80,      0.00)  DC      NA
          7TH HIGHEST VALUE IS      1.14044 AT (  630900.00,  4174400.00,     78.90,      0.00)  DC      NA
          8TH HIGHEST VALUE IS      1.11094 AT (  629100.00,  4177000.00,     61.00,      0.00)  DC      NA
          9TH HIGHEST VALUE IS      1.06478 AT (  630400.00,  4174900.00,     75.80,      0.00)  DC      NA
         10TH HIGHEST VALUE IS      0.96365 AT (  630900.00,  4175900.00,     55.30,      0.00)  DC      NA
```

Excerpt PM10_PSD_98_incrementAN_fine grid_PMAN.USF

```
*** ISCST3 - VERSION 02035 ***
*** FPL Tesla                                                                    ***
*** Model Executed on 10/03/06 at 15:38:19 ***
 Input File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\98\Increment Analysis\PM10_PSD_98_incrementAN_fine grid_PMAN.DT
                A
Output File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\98\Increment Analysis\PM10_PSD_98_incrementAN_fine grid_PMAN.LS
                T
   Met File - D:\AIR\NATALIEY\TELSA\MET\tracy98.asc

      Number of sources -       1031
Number of source groups -         10
    Number of receptors -       1156


                                                    *** POINT SOURCE DATA ***
(Same sources as "PM10_PSD_97_increment24_PM24.USF")
```

*** THE SUMMARY OF MAXIMUM PERIOD (8760 HRS) RESULTS ***

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	18.86028 AT	(630260.00, 4175490.00, 67.10, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	18.37340 AT	(630290.00, 4175490.00, 67.10, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	15.39496 AT	(629930.00, 4175700.00, 64.90, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	14.15731 AT	(630230.00, 4175460.00, 68.00, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	13.82658 AT	(630320.00, 4175490.00, 67.10, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	12.03443 AT	(629960.00, 4175700.00, 64.30, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	11.73777 AT	(630260.00, 4175460.00, 68.00, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	10.07328 AT	(630200.00, 4175400.00, 69.30, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	9.39310 AT	(630200.00, 4175430.00, 68.90, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	9.38972 AT	(630350.00, 4175490.00, 66.40, 0.00)	DC	NA
GT	1ST HIGHEST VALUE IS	0.04563 AT	(629900.00, 4176390.00, 59.10, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.04521 AT	(629930.00, 4176390.00, 58.30, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.04498 AT	(629960.00, 4176390.00, 57.90, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.04495 AT	(629900.00, 4176360.00, 59.10, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.04492 AT	(629990.00, 4176390.00, 57.90, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.04489 AT	(629930.00, 4176360.00, 59.10, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.04486 AT	(630020.00, 4176390.00, 57.90, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.04483 AT	(629960.00, 4176360.00, 59.10, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.04454 AT	(630050.00, 4176390.00, 57.30, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.04442 AT	(629990.00, 4176360.00, 58.30, 0.00)	DC	NA
CT	1ST HIGHEST VALUE IS	0.02229 AT	(629900.00, 4176390.00, 59.10, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.02186 AT	(629930.00, 4176390.00, 58.30, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.02158 AT	(629960.00, 4176390.00, 57.90, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.02143 AT	(629990.00, 4176390.00, 57.90, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.02137 AT	(629900.00, 4176360.00, 59.10, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.02129 AT	(630020.00, 4176390.00, 57.90, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.02123 AT	(629930.00, 4176360.00, 59.10, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.02109 AT	(629960.00, 4176360.00, 59.10, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.02096 AT	(630050.00, 4176390.00, 57.30, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.02072 AT	(630080.00, 4176390.00, 57.00, 0.00)	DC	NA

*** THE SUMMARY OF MAXIMUM PERIOD (8760 HRS) RESULTS ***

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
EMGEN	1ST HIGHEST VALUE IS	0.00013 AT	(629900.00, 4176390.00, 59.10, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.00013 AT	(629930.00, 4176390.00, 58.30, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.00012 AT	(629900.00, 4176360.00, 59.10, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.00012 AT	(629960.00, 4176390.00, 57.90, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.00012 AT	(629930.00, 4176360.00, 59.10, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.00012 AT	(629990.00, 4176390.00, 57.90, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.00012 AT	(629960.00, 4176360.00, 59.10, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.00012 AT	(630020.00, 4176390.00, 57.90, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.00012 AT	(629900.00, 4176330.00, 59.40, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.00012 AT	(630050.00, 4176390.00, 57.30, 0.00)	DC	NA
FW	1ST HIGHEST VALUE IS	0.00002 AT	(629900.00, 4176390.00, 59.10, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.00002 AT	(629930.00, 4176390.00, 58.30, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.00002 AT	(629900.00, 4176360.00, 59.10, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.00002 AT	(629930.00, 4176360.00, 59.10, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.00002 AT	(629960.00, 4176390.00, 57.90, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.00002 AT	(629960.00, 4176360.00, 59.10, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.00002 AT	(629990.00, 4176390.00, 57.90, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.00002 AT	(629900.00, 4176330.00, 59.40, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.00002 AT	(630020.00, 4176390.00, 57.90, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.00002 AT	(629930.00, 4176330.00, 59.10, 0.00)	DC	NA

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TESLA     1ST HIGHEST VALUE IS      0.06807 AT (  629900.00,  4176390.00,     59.10,      0.00)  DC      NA
          2ND HIGHEST VALUE IS      0.06722 AT (  629930.00,  4176390.00,     58.30,      0.00)  DC      NA
          3RD HIGHEST VALUE IS      0.06670 AT (  629960.00,  4176390.00,     57.90,      0.00)  DC      NA
          4TH HIGHEST VALUE IS      0.06650 AT (  629990.00,  4176390.00,     57.90,      0.00)  DC      NA
          5TH HIGHEST VALUE IS      0.06646 AT (  629900.00,  4176360.00,     59.10,      0.00)  DC      NA
          6TH HIGHEST VALUE IS      0.06629 AT (  630020.00,  4176390.00,     57.90,      0.00)  DC      NA
          7TH HIGHEST VALUE IS      0.06626 AT (  629930.00,  4176360.00,     59.10,      0.00)  DC      NA
          8TH HIGHEST VALUE IS      0.06606 AT (  629960.00,  4176360.00,     59.10,      0.00)  DC      NA
          9TH HIGHEST VALUE IS      0.06563 AT (  630050.00,  4176390.00,     57.30,      0.00)  DC      NA
         10TH HIGHEST VALUE IS      0.06525 AT (  629990.00,  4176360.00,     58.30,      0.00)  DC      NA


                        *** THE SUMMARY OF MAXIMUM PERIOD (  8760 HRS) RESULTS ***

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

                                                                                          NETWORK
GROUP ID                    AVERAGE CONC              RECEPTOR  (XR, YR, ZELEV, ZFLAG)   OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

TRACY     1ST HIGHEST VALUE IS      0.17685 AT (  630890.00,  4176390.00,     50.00,      0.00)  DC      NA
          2ND HIGHEST VALUE IS      0.17559 AT (  630890.00,  4176360.00,     50.30,      0.00)  DC      NA
          3RD HIGHEST VALUE IS      0.17532 AT (  630860.00,  4176390.00,     50.00,      0.00)  DC      NA
          4TH HIGHEST VALUE IS      0.17434 AT (  630890.00,  4176330.00,     50.90,      0.00)  DC      NA
          5TH HIGHEST VALUE IS      0.17408 AT (  630860.00,  4176360.00,     50.90,      0.00)  DC      NA
          6TH HIGHEST VALUE IS      0.17383 AT (  630830.00,  4176390.00,     50.30,      0.00)  DC      NA
          7TH HIGHEST VALUE IS      0.17308 AT (  630890.00,  4176300.00,     50.90,      0.00)  DC      NA
          8TH HIGHEST VALUE IS      0.17283 AT (  630860.00,  4176330.00,     50.90,      0.00)  DC      NA
          9TH HIGHEST VALUE IS      0.17259 AT (  630830.00,  4176360.00,     50.90,      0.00)  DC      NA
         10TH HIGHEST VALUE IS      0.17235 AT (  630800.00,  4176390.00,     50.90,      0.00)  DC      NA

HIGHWAY   1ST HIGHEST VALUE IS      0.09040 AT (  629900.00,  4175400.00,     70.10,      0.00)  DC      NA
          2ND HIGHEST VALUE IS      0.08852 AT (  629930.00,  4175400.00,     70.10,      0.00)  DC      NA
          3RD HIGHEST VALUE IS      0.08677 AT (  629960.00,  4175400.00,     70.10,      0.00)  DC      NA
          4TH HIGHEST VALUE IS      0.08557 AT (  629900.00,  4175430.00,     68.90,      0.00)  DC      NA
          5TH HIGHEST VALUE IS      0.08512 AT (  629990.00,  4175400.00,     70.10,      0.00)  DC      NA
          6TH HIGHEST VALUE IS      0.08408 AT (  629930.00,  4175430.00,     68.90,      0.00)  DC      NA
          7TH HIGHEST VALUE IS      0.08354 AT (  630020.00,  4175400.00,     70.10,      0.00)  DC      NA
          8TH HIGHEST VALUE IS      0.08264 AT (  629960.00,  4175430.00,     68.90,      0.00)  DC      NA
          9TH HIGHEST VALUE IS      0.08249 AT (  629930.00,  4175460.00,     68.60,      0.00)  DC      NA
         10TH HIGHEST VALUE IS      0.08205 AT (  630050.00,  4175400.00,     70.10,      0.00)  DC      NA

BASOURCE  1ST HIGHEST VALUE IS      0.32021 AT (  629900.00,  4175400.00,     70.10,      0.00)  DC      NA
          2ND HIGHEST VALUE IS      0.31982 AT (  629930.00,  4175400.00,     70.10,      0.00)  DC      NA
          3RD HIGHEST VALUE IS      0.31974 AT (  629900.00,  4175430.00,     68.90,      0.00)  DC      NA
          4TH HIGHEST VALUE IS      0.31965 AT (  629930.00,  4175460.00,     68.60,      0.00)  DC      NA
          5TH HIGHEST VALUE IS      0.31942 AT (  629960.00,  4175400.00,     70.10,      0.00)  DC      NA
          6TH HIGHEST VALUE IS      0.31938 AT (  629930.00,  4175430.00,     68.90,      0.00)  DC      NA
          7TH HIGHEST VALUE IS      0.31918 AT (  629960.00,  4175430.00,     68.90,      0.00)  DC      NA
          8TH HIGHEST VALUE IS      0.31883 AT (  630080.00,  4175430.00,     70.10,      0.00)  DC      NA
          9TH HIGHEST VALUE IS      0.31851 AT (  630110.00,  4175430.00,     70.10,      0.00)  DC      NA
         10TH HIGHEST VALUE IS      0.31804 AT (  630110.00,  4175400.00,     70.10,      0.00)  DC      NA


                        *** THE SUMMARY OF MAXIMUM PERIOD (  8760 HRS) RESULTS ***

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

                                                                                          NETWORK
GROUP ID                    AVERAGE CONC              RECEPTOR  (XR, YR, ZELEV, ZFLAG)   OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

SJSOURCE  1ST HIGHEST VALUE IS     18.35326 AT (  630260.00,  4175490.00,     67.10,      0.00)  DC      NA
          2ND HIGHEST VALUE IS     17.86581 AT (  630290.00,  4175490.00,     67.10,      0.00)  DC      NA
          3RD HIGHEST VALUE IS     14.87713 AT (  629930.00,  4175700.00,     64.90,      0.00)  DC      NA
          4TH HIGHEST VALUE IS     13.64571 AT (  630230.00,  4175460.00,     68.00,      0.00)  DC      NA
          5TH HIGHEST VALUE IS     13.31467 AT (  630320.00,  4175490.00,     67.10,      0.00)  DC      NA
          6TH HIGHEST VALUE IS     11.51645 AT (  629960.00,  4175700.00,     64.30,      0.00)  DC      NA
          7TH HIGHEST VALUE IS     11.22520 AT (  630260.00,  4175460.00,     68.00,      0.00)  DC      NA
          8TH HIGHEST VALUE IS      9.54329 AT (  630200.00,  4175400.00,     69.30,      0.00)  DC      NA
          9TH HIGHEST VALUE IS      8.87786 AT (  630350.00,  4175490.00,     66.40,      0.00)  DC      NA
         10TH HIGHEST VALUE IS      8.86250 AT (  630200.00,  4175430.00,     68.90,      0.00)  DC      NA
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Excerpt PM10_PSD_99_increment24_99_PM24.USF

*** ISCST3 - VERSION 02035 ***
*** FPL Tesla ***
*** Model Executed on 09/26/06 at 16:16:37 ***

Input File - D:\FROHNING\TPP\1999\PM10_PSD_99_increment24_99_PM24.DTA

Output File - D:\FROHNING\TPP\1999\PM10_PSD_99_increment24_99_PM24.LST

Met File - D:\FROHNING\TPP\Met\tracy99.asc

Number of sources - 1031
Number of source groups - 10
Number of receptors - 11718

*** POINT SOURCE DATA ***

(Same sources as "PM10_PSD_97_increment24_PM24.USF")

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM24 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR,	YR,	ZELEV,	ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	18.19241c	ON 99011524:	AT (629400.00,	4175900.00,	72.30,	0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	17.10982c	ON 99021624:	AT (629400.00,	4175900.00,	72.30,	0.00)	DC	NA
GT	HIGH 1ST HIGH VALUE IS	3.25485c	ON 99011324:	AT (621347.00,	4175624.00,	289.30,	0.00)	GC	1
	HIGH 2ND HIGH VALUE IS	3.01843c	ON 99011624:	AT (621247.00,	4176024.00,	290.20,	0.00)	GC	1
CT	HIGH 1ST HIGH VALUE IS	6.92533	ON 99060724:	AT (626390.00,	4176200.00,	127.10,	0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	6.74355	ON 99051424:	AT (626390.00,	4176200.00,	127.10,	0.00)	DC	NA
EMGEN	HIGH 1ST HIGH VALUE IS	0.52248c	ON 99012224:	AT (625940.00,	4176140.00,	121.00,	0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	0.24507c	ON 99011924:	AT (625910.00,	4176110.00,	121.30,	0.00)	DC	NA
FW	HIGH 1ST HIGH VALUE IS	0.06383c	ON 99011124:	AT (626360.00,	4176050.00,	116.20,	0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	0.04298c	ON 99022724:	AT (626360.00,	4176050.00,	116.20,	0.00)	DC	NA
TESLA	HIGH 1ST HIGH VALUE IS	6.93612	ON 99060724:	AT (626390.00,	4176200.00,	127.10,	0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	6.76588	ON 99051424:	AT (626390.00,	4176200.00,	127.10,	0.00)	DC	NA
TRACY	HIGH 1ST HIGH VALUE IS	5.77453c	ON 99011524:	AT (630900.00,	4178900.00,	25.00,	0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	5.74313c	ON 99010924:	AT (630900.00,	4178900.00,	25.00,	0.00)	DC	NA
HIGHWAY	HIGH 1ST HIGH VALUE IS	5.27522c	ON 99011024:	AT (624300.00,	4177500.00,	128.00,	0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	4.21952c	ON 99021224:	AT (625200.00,	4177700.00,	135.70,	0.00)	DC	NA
BASOURCE	HIGH 1ST HIGH VALUE IS	2.38279c	ON 99021224:	AT (620697.00,	4176224.00,	179.50,	0.00)	GC	1
	HIGH 2ND HIGH VALUE IS	2.14794c	ON 99013024:	AT (620647.00,	4176224.00,	178.20,	0.00)	GC	1
SJSOURCE	HIGH 1ST HIGH VALUE IS	17.23611c	ON 99011524:	AT (629400.00,	4175900.00,	72.30,	0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	16.15875c	ON 99021624:	AT (629400.00,	4175900.00,	72.30,	0.00)	DC	NA

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*** ISCST3 - VERSION 02035 ***
*** FPL Tesla                                                       ***
*** Model Executed on 09/26/06 at 16:16:14 ***
 Input File - D:\FROHNING\TPP\1999\PM10_PSD_99_increment24_part2_99_PM24.DTA

Output File - D:\FROHNING\TPP\1999\PM10_PSD_99_increment24_part2_99_PM24.LST

   Met File - D:\FROHNING\TPP\Met\tracy99_2.asc

      Number of sources -       1031
Number of source groups -         10
    Number of receptors -      11718
```

*** POINT SOURCE DATA ***

(Same sources as "PM10_PSD_97_increment24_PM24.USF")

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM24 IN MICROGRAMS/M**3 **

NETWORK GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR,	YR,	ZELEV,	ZFLAG)	OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	20.02064	ON 99101524: AT (	630400.00,	4175400.00,	68.00,	0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	16.76788	ON 99071324: AT (	630400.00,	4175400.00,	68.00,	0.00)	DC	NA
GT	HIGH 1ST HIGH VALUE IS	4.29741c	ON 99112724: AT (	624900.00,	4172400.00,	278.90,	0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	3.50853c	ON 99112824: AT (	625400.00,	4172400.00,	317.10,	0.00)	DC	NA
CT	HIGH 1ST HIGH VALUE IS	7.95349	ON 99070224: AT (	626390.00,	4176170.00,	123.70,	0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	7.68458c	ON 99080424: AT (	626390.00,	4176170.00,	123.70,	0.00)	DC	NA
EMGEN	HIGH 1ST HIGH VALUE IS	0.22272c	ON 99121624: AT (	626390.00,	4176020.00,	117.00,	0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	0.16697c	ON 99102524: AT (	626300.00,	4176110.00,	116.50,	0.00)	DC	NA
FW	HIGH 1ST HIGH VALUE IS	0.05188c	ON 99123024: AT (	626390.00,	4176020.00,	117.00,	0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	0.04873c	ON 99102524: AT (	626390.00,	4176020.00,	117.00,	0.00)	DC	NA
TESLA	HIGH 1ST HIGH VALUE IS	7.96695	ON 99070224: AT (	626390.00,	4176170.00,	123.70,	0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	7.72695c	ON 99080424: AT (	626390.00,	4176170.00,	123.70,	0.00)	DC	NA
TRACY	HIGH 1ST HIGH VALUE IS	5.77990c	ON 99112924: AT (	630900.00,	4178900.00,	25.00,	0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	4.94335c	ON 99111924: AT (	631400.00,	4178900.00,	22.30,	0.00)	DC	NA
HIGHWAY	HIGH 1ST HIGH VALUE IS	6.54683c	ON 99121624: AT (	623400.00,	4177300.00,	152.10,	0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	4.21458c	ON 99111824: AT (	624200.00,	4177500.00,	120.00,	0.00)	DC	NA
BASOURCE	HIGH 1ST HIGH VALUE IS	3.22610c	ON 99112724: AT (	623900.00,	4179400.00,	130.10,	0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	2.61188c	ON 99112824: AT (	624300.00,	4178700.00,	145.10,	0.00)	DC	NA
SJSOURCE	HIGH 1ST HIGH VALUE IS	19.72573	ON 99101524: AT (	630400.00,	4175400.00,	68.00,	0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	16.25858	ON 99071324: AT (	630400.00,	4175400.00,	68.00,	0.00)	DC	NA

Excerpt PM10_PSD_99_increment24_fine grid_PM24.USF

*** ISCST3 - VERSION 02035 ***
*** FPL Tesla ***
*** Model Executed on 09/29/06 at 16:11:42 ***

Input File - D:\FROHNING\TPP\1999\PM10_PSD_99_increment24_fine grid_PM24.DTA

Output File - D:\FROHNING\TPP\1999\PM10_PSD_99_increment24_fine grid_PM24.LST

Met File - D:\FROHNING\TPP\Met\tracy99.asc

Number of sources - 1031
Number of source groups - 10
Number of receptors - 3417

*** POINT SOURCE DATA ***

(Same sources as "PM10_PSD_97_increment24_PM24.USF")

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM24 IN MICROGRAMS/M**3 **

NETWORK GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	137.58713	ON 99052824: AT	(630220.00, 4175470.00, 67.90, 0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	127.37155	ON 99070224: AT	(630220.00, 4175470.00, 67.90, 0.00)	DC	NA
GT	HIGH 1ST HIGH VALUE IS	0.50196	ON 99051124: AT	(628900.00, 4175890.00, 78.30, 0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	0.45476	ON 99072524: AT	(629020.00, 4175920.00, 78.30, 0.00)	DC	NA
CT	HIGH 1ST HIGH VALUE IS	0.21940	ON 99080124: AT	(628900.00, 4176370.00, 70.50, 0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	0.19020	ON 99052524: AT	(628900.00, 4176400.00, 70.00, 0.00)	DC	NA
EMGEN	HIGH 1ST HIGH VALUE IS	0.00726	ON 99071324: AT	(628900.00, 4175230.00, 95.60, 0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	0.00675c	ON 99121724: AT	(628900.00, 4175230.00, 95.60, 0.00)	DC	NA
FW	HIGH 1ST HIGH VALUE IS	0.00141c	ON 99102124: AT	(628900.00, 4175350.00, 94.60, 0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	0.00125c	ON 99121724: AT	(628900.00, 4175200.00, 94.30, 0.00)	DC	NA
TESLA	HIGH 1ST HIGH VALUE IS	0.60535	ON 99051124: AT	(628900.00, 4175920.00, 76.70, 0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	0.56449	ON 99072524: AT	(628900.00, 4176040.00, 73.20, 0.00)	DC	NA
TRACY	HIGH 1ST HIGH VALUE IS	1.29903c	ON 99032424: AT	(630880.00, 4176280.00, 50.90, 0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	1.18653c	ON 99011924: AT	(630880.00, 4176400.00, 50.00, 0.00)	DC	NA
HIGHWAY	HIGH 1ST HIGH VALUE IS	2.31132c	ON 99012224: AT	(629230.00, 4175560.00, 83.20, 0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	2.26081c	ON 99012224: AT	(629200.00, 4175560.00, 85.00, 0.00)	DC	NA
BASOURCE	HIGH 1ST HIGH VALUE IS	1.70747c	ON 99121624: AT	(628900.00, 4175560.00, 94.50, 0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	1.35689c	ON 99122424: AT	(628900.00, 4176370.00, 70.50, 0.00)	DC	NA
SJSOURCE	HIGH 1ST HIGH VALUE IS	137.45729	ON 99052824: AT	(630220.00, 4175470.00, 67.90, 0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	127.23926	ON 99070224: AT	(630220.00, 4175470.00, 67.90, 0.00)	DC	NA

Excerpt PM10_PSD_99_incrementAN_PMAN.USF

*** ISCST3 - VERSION 02035 ***
*** FPL Tesla ***
*** Model Executed on 09/22/06 at 08:44:50 ***

Input File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\99\Increment Analysis\PM10_PSD_99_incrementAN_PMAN.DTA

Output File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\99\Increment Analysis\PM10_PSD_99_incrementAN_PMAN.LST

Met File - D:\AIR\NATALIEY\TELSA\MET\tracy99.asc

Number of sources - 1031
Number of source groups - 10
Number of receptors - 11718

*** POINT SOURCE DATA ***

(Same sources as "PM10_PSD_97_increment24_PM24.USF")

*** THE SUMMARY OF MAXIMUM PERIOD (4356 HRS) RESULTS ***

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

GROUP ID		AVERAGE CONC		RECEPTOR (XR,	YR,	ZELEV,	ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	3.10993	AT (	630400.00,	4175900.00,	60.40,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	2.33435	AT (	631400.00,	4178900.00,	22.30,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	2.30548	AT (	631900.00,	4178900.00,	19.80,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	2.25348	AT (	631900.00,	4178400.00,	24.70,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	2.22945	AT (	630900.00,	4178900.00,	25.00,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	2.22159	AT (	628900.00,	4181400.00,	18.00,	0.00)	DC	NA
	7TH HIGHEST VALUE IS	2.16187	AT (	631400.00,	4178400.00,	28.00,	0.00)	DC	NA
	8TH HIGHEST VALUE IS	2.14383	AT (	630400.00,	4175400.00,	68.00,	0.00)	DC	NA
	9TH HIGHEST VALUE IS	2.11030	AT (	628900.00,	4176900.00,	66.80,	0.00)	DC	NA
	10TH HIGHEST VALUE IS	2.09779	AT (	625200.00,	4177700.00,	135.70,	0.00)	DC	NA
GT	1ST HIGHEST VALUE IS	0.16452	AT (	620400.00,	4180400.00,	260.70,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.16190	AT (	620400.00,	4177400.00,	256.70,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.14009	AT (	628900.00,	4171400.00,	282.10,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.13262	AT (	629900.00,	4171900.00,	267.10,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.12742	AT (	630400.00,	4171900.00,	263.50,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.12702	AT (	629900.00,	4171400.00,	272.20,	0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.12421	AT (	629900.00,	4172400.00,	244.10,	0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.12353	AT (	621247.00,	4176274.00,	279.10,	0.00)	GC	1
	9TH HIGHEST VALUE IS	0.12289	AT (	621197.00,	4176274.00,	281.80,	0.00)	GC	1
	10TH HIGHEST VALUE IS	0.12288	AT (	629400.00,	4172900.00,	232.60,	0.00)	DC	NA
CT	1ST HIGHEST VALUE IS	1.28862	AT (	626630.00,	4176230.00,	135.60,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	1.27581	AT (	626630.00,	4176260.00,	137.80,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	1.24430	AT (	626390.00,	4176170.00,	123.70,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	1.23704	AT (	626390.00,	4176200.00,	127.10,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	1.21088	AT (	626660.00,	4176260.00,	139.70,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	1.18952	AT (	626420.00,	4176200.00,	126.40,	0.00)	DC	NA
	7TH HIGHEST VALUE IS	1.18925	AT (	626660.00,	4176230.00,	138.00,	0.00)	DC	NA
	8TH HIGHEST VALUE IS	1.12976	AT (	626690.00,	4176260.00,	139.90,	0.00)	DC	NA
	9TH HIGHEST VALUE IS	1.11050	AT (	626630.00,	4176290.00,	138.30,	0.00)	DC	NA
	10TH HIGHEST VALUE IS	1.10608	AT (	626660.00,	4176290.00,	139.90,	0.00)	DC	NA

*** THE SUMMARY OF MAXIMUM PERIOD (4356 HRS) RESULTS ***

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

GROUP ID		AVERAGE CONC		RECEPTOR (XR,	YR,	ZELEV,	ZFLAG)	OF TYPE	NETWORK GRID-ID
EMGEN	1ST HIGHEST VALUE IS	0.01106	AT (	626330.00,	4176080.00,	116.10,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.01061	AT (	626360.00,	4176050.00,	116.20,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.01050	AT (	626360.00,	4176080.00,	116.10,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.00962	AT (	626390.00,	4176080.00,	116.10,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.00932	AT (	626390.00,	4176050.00,	116.10,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.00896	AT (	626480.00,	4176110.00,	121.50,	0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.00872	AT (	626420.00,	4176080.00,	116.10,	0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.00854	AT (	626510.00,	4176110.00,	127.10,	0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.00854	AT (	626510.00,	4176080.00,	126.30,	0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.00843	AT (	626390.00,	4176110.00,	117.30,	0.00)	DC	NA
FW	1ST HIGHEST VALUE IS	0.00320	AT (	626420.00,	4175990.00,	117.60,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.00276	AT (	626450.00,	4175990.00,	116.40,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.00239	AT (	626480.00,	4175990.00,	116.10,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.00229	AT (	626450.00,	4176020.00,	116.10,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.00227	AT (	626480.00,	4176020.00,	116.90,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.00226	AT (	626420.00,	4176020.00,	116.20,	0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.00224	AT (	626540.00,	4176020.00,	124.40,	0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.00222	AT (	626540.00,	4175990.00,	119.70,	0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.00220	AT (	626480.00,	4175960.00,	117.00,	0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.00219	AT (	626390.00,	4176020.00,	117.00,	0.00)	DC	NA
TESLA	1ST HIGHEST VALUE IS	1.30247	AT (	626630.00,	4176230.00,	135.60,	0.00)	DC	NA

	2ND HIGHEST VALUE IS	1.28983	AT (	626630.00,	4176260.00,	137.80,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	1.25089	AT (	626390.00,	4176170.00,	123.70,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	1.24170	AT (	626390.00,	4176200.00,	127.10,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	1.22970	AT (	626660.00,	4176260.00,	139.70,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	1.20799	AT (	626660.00,	4176230.00,	138.00,	0.00)	DC	NA
	7TH HIGHEST VALUE IS	1.19462	AT (	626420.00,	4176200.00,	126.40,	0.00)	DC	NA
	8TH HIGHEST VALUE IS	1.15309	AT (	626690.00,	4176260.00,	139.90,	0.00)	DC	NA
	9TH HIGHEST VALUE IS	1.12357	AT (	626660.00,	4176290.00,	139.90,	0.00)	DC	NA
	10TH HIGHEST VALUE IS	1.12345	AT (	626630.00,	4176290.00,	138.30,	0.00)	DC	NA

*** THE SUMMARY OF MAXIMUM PERIOD (4356 HRS) RESULTS ***

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

GROUP ID		AVERAGE CONC		RECEPTOR (XR,	YR,	ZELEV,	ZFLAG)	OF TYPE	NETWORK GRID-ID
TRACY	1ST HIGHEST VALUE IS	1.82541	AT (	631400.00,	4178900.00,	22.30,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	1.76776	AT (	631900.00,	4178900.00,	19.80,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	1.73015	AT (	630900.00,	4178900.00,	25.00,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	1.69698	AT (	628900.00,	4181400.00,	18.00,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	1.63153	AT (	631900.00,	4178400.00,	24.70,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	1.55851	AT (	631400.00,	4178400.00,	28.00,	0.00)	DC	NA
	7TH HIGHEST VALUE IS	1.51267	AT (	628400.00,	4181400.00,	22.90,	0.00)	DC	NA
	8TH HIGHEST VALUE IS	1.50858	AT (	630400.00,	4178900.00,	28.00,	0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.73456	AT (	629400.00,	4181400.00,	15.80,	0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.67580	AT (	628900.00,	4180900.00,	20.10,	0.00)	DC	NA
HIGHWAY	1ST HIGHEST VALUE IS	1.42133	AT (	625200.00,	4177700.00,	135.70,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	1.33000	AT (	624600.00,	4177600.00,	109.10,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	1.28169	AT (	624200.00,	4177500.00,	120.00,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	1.24758	AT (	624300.00,	4177500.00,	128.00,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	1.19207	AT (	623400.00,	4177300.00,	152.10,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	1.10644	AT (	620497.00,	4176624.00,	204.60,	0.00)	GC	1
	7TH HIGHEST VALUE IS	1.03534	AT (	623600.00,	4177400.00,	143.50,	0.00)	DC	NA
	8TH HIGHEST VALUE IS	1.01535	AT (	625400.00,	4177700.00,	128.00,	0.00)	DC	NA
	9TH HIGHEST VALUE IS	1.00036	AT (	626200.00,	4177900.00,	101.70,	0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.92753	AT (	626100.00,	4177900.00,	100.30,	0.00)	DC	NA
BASOURCE	1ST HIGHEST VALUE IS	0.49667	AT (	620697.00,	4176224.00,	179.50,	0.00)	GC	1
	2ND HIGHEST VALUE IS	0.49611	AT (	620747.00,	4176274.00,	178.60,	0.00)	GC	1
	3RD HIGHEST VALUE IS	0.48736	AT (	620497.00,	4176124.00,	182.90,	0.00)	GC	1
	4TH HIGHEST VALUE IS	0.48706	AT (	620647.00,	4176174.00,	181.20,	0.00)	GC	1
	5TH HIGHEST VALUE IS	0.48588	AT (	620547.00,	4176074.00,	184.40,	0.00)	GC	1
	6TH HIGHEST VALUE IS	0.48507	AT (	620547.00,	4176174.00,	183.00,	0.00)	GC	1
	7TH HIGHEST VALUE IS	0.48468	AT (	620497.00,	4176074.00,	183.50,	0.00)	GC	1
	8TH HIGHEST VALUE IS	0.48451	AT (	620547.00,	4176124.00,	182.90,	0.00)	GC	1
	9TH HIGHEST VALUE IS	0.48343	AT (	620597.00,	4176174.00,	182.90,	0.00)	GC	1
	10TH HIGHEST VALUE IS	0.48324	AT (	620897.00,	4176524.00,	179.30,	0.00)	GC	1

*** THE SUMMARY OF MAXIMUM PERIOD (4356 HRS) RESULTS ***

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

GROUP ID		AVERAGE CONC		RECEPTOR (XR,	YR,	ZELEV,	ZFLAG)	OF TYPE	NETWORK GRID-ID
SJSOURCE	1ST HIGHEST VALUE IS	2.60669	AT (	630400.00,	4175900.00,	60.40,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	1.66555	AT (	630400.00,	4175400.00,	68.00,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	1.57577	AT (	629900.00,	4175400.00,	70.10,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	1.50270	AT (	629400.00,	4175900.00,	72.30,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	1.50021	AT (	628900.00,	4176900.00,	66.80,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	1.27586	AT (	629100.00,	4177000.00,	61.00,	0.00)	DC	NA
	7TH HIGHEST VALUE IS	1.13458	AT (	628900.00,	4176800.00,	66.80,	0.00)	DC	NA
	8TH HIGHEST VALUE IS	1.00788	AT (	629100.00,	4176000.00,	73.20,	0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.93961	AT (	629100.00,	4176100.00,	70.70,	0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.93931	AT (	630900.00,	4175900.00,	55.30,	0.00)	DC	NA

Excerpt PM10_PSD_99_incrementAN_part2_PMAN.USF

*** ISCST3 - VERSION 02035 ***
*** FPL Tesla ***
*** Model Executed on 09/24/06 at 11:54:02 ***
Input File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\99\Increment Analysis\PM10_PSD_99_incrementAN_part2_PMAN.DTA

Output File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\99\Increment Analysis\PM10_PSD_99_incrementAN_part2_PMAN.LST

Met File - D:\AIR\NATALIEY\TELSA\MET\tracy99_2.asc

Number of sources - 1031
Number of source groups - 10
Number of receptors - 11718

*** POINT SOURCE DATA ***
(Same sources as "PM10_PSD_97_increment24_PM24.USF")

*** THE SUMMARY OF MAXIMUM PERIOD (4404 HRS) RESULTS ***

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR,	YR,	ZELEV,	ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	2.94894 AT (	630400.00,	4175400.00,	68.00,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	2.85994 AT (	630400.00,	4175900.00,	60.40,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	2.61178 AT (	629900.00,	4175400.00,	70.10,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	2.56576 AT (	631900.00,	4178900.00,	19.80,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	2.50067 AT (	631400.00,	4178900.00,	22.30,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	2.48564 AT (	631900.00,	4178400.00,	24.70,	0.00)	DC	NA
	7TH HIGHEST VALUE IS	2.38010 AT (	628900.00,	4181400.00,	18.00,	0.00)	DC	NA
	8TH HIGHEST VALUE IS	2.34531 AT (	630900.00,	4178900.00,	25.00,	0.00)	DC	NA
	9TH HIGHEST VALUE IS	2.33290 AT (	631400.00,	4178400.00,	28.00,	0.00)	DC	NA
	10TH HIGHEST VALUE IS	2.20816 AT (	624200.00,	4177500.00,	120.00,	0.00)	DC	NA
GT	1ST HIGHEST VALUE IS	0.17160 AT (	626400.00,	4173200.00,	182.90,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.16739 AT (	626400.00,	4171400.00,	314.20,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.16463 AT (	626400.00,	4171900.00,	249.00,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.16319 AT (	626400.00,	4173400.00,	177.10,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.16141 AT (	626400.00,	4173500.00,	175.30,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.16092 AT (	626400.00,	4172900.00,	182.30,	0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.16044 AT (	626900.00,	4171900.00,	258.80,	0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.15988 AT (	626400.00,	4173300.00,	177.10,	0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.15882 AT (	626900.00,	4171400.00,	350.50,	0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.15774 AT (	626300.00,	4173600.00,	167.30,	0.00)	DC	NA
CT	1ST HIGHEST VALUE IS	1.29657 AT (	626630.00,	4176230.00,	135.60,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	1.23333 AT (	626630.00,	4176260.00,	137.80,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	1.22665 AT (	626660.00,	4176230.00,	138.00,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	1.20269 AT (	626660.00,	4176260.00,	139.70,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	1.17195 AT (	626390.00,	4176170.00,	123.70,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	1.15096 AT (	626690.00,	4176230.00,	139.30,	0.00)	DC	NA
	7TH HIGHEST VALUE IS	1.14797 AT (	626690.00,	4176260.00,	139.90,	0.00)	DC	NA
	8TH HIGHEST VALUE IS	1.13334 AT (	626390.00,	4176200.00,	127.10,	0.00)	DC	NA
	9TH HIGHEST VALUE IS	1.09558 AT (	626720.00,	4176260.00,	139.90,	0.00)	DC	NA
	10TH HIGHEST VALUE IS	1.09391 AT (	626420.00,	4176200.00,	126.40,	0.00)	DC	NA

*** THE SUMMARY OF MAXIMUM PERIOD (4404 HRS) RESULTS ***

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR,	YR,	ZELEV,	ZFLAG)	OF TYPE	NETWORK GRID-ID
EMGEN	1ST HIGHEST VALUE IS	0.00963 AT (	626360.00,	4176050.00,	116.20,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.00957 AT (	626330.00,	4176080.00,	116.10,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.00903 AT (	626300.00,	4176110.00,	116.50,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.00894 AT (	626360.00,	4176080.00,	116.10,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.00865 AT (	626330.00,	4176110.00,	117.10,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.00852 AT (	626390.00,	4176050.00,	116.10,	0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.00834 AT (	626390.00,	4176080.00,	116.10,	0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.00793 AT (	626360.00,	4176110.00,	117.30,	0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.00786 AT (	626390.00,	4176020.00,	117.00,	0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.00778 AT (	626480.00,	4176110.00,	121.50,	0.00)	DC	NA
FW	1ST HIGHEST VALUE IS	0.00290 AT (	626420.00,	4175990.00,	117.60,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.00278 AT (	626390.00,	4176020.00,	117.00,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.00255 AT (	626420.00,	4176020.00,	116.20,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.00254 AT (	626450.00,	4175990.00,	116.40,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.00224 AT (	626480.00,	4175990.00,	116.10,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.00223 AT (	626450.00,	4176020.00,	116.10,	0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.00215 AT (	626480.00,	4175960.00,	117.00,	0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.00206 AT (	626480.00,	4176020.00,	116.90,	0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.00206 AT (	626540.00,	4176080.00,	133.30,	0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.00205 AT (	626540.00,	4175990.00,	119.70,	0.00)	DC	NA

```
TESLA     1ST HIGHEST VALUE IS      1.31102 AT (  626630.00,  4176230.00,    135.60,      0.00)  DC      NA
          2ND HIGHEST VALUE IS      1.24890 AT (  626630.00,  4176260.00,    137.80,      0.00)  DC      NA
          3RD HIGHEST VALUE IS      1.24529 AT (  626660.00,  4176230.00,    138.00,      0.00)  DC      NA
          4TH HIGHEST VALUE IS      1.22252 AT (  626660.00,  4176260.00,    139.70,      0.00)  DC      NA
          5TH HIGHEST VALUE IS      1.18008 AT (  626390.00,  4176170.00,    123.70,      0.00)  DC      NA
          6TH HIGHEST VALUE IS      1.17387 AT (  626690.00,  4176230.00,    139.30,      0.00)  DC      NA
          7TH HIGHEST VALUE IS      1.17142 AT (  626690.00,  4176260.00,    139.90,      0.00)  DC      NA
          8TH HIGHEST VALUE IS      1.14010 AT (  626390.00,  4176200.00,    127.10,      0.00)  DC      NA
          9TH HIGHEST VALUE IS      1.12269 AT (  626720.00,  4176260.00,    139.90,      0.00)  DC      NA
         10TH HIGHEST VALUE IS      1.10960 AT (  626720.00,  4176230.00,    139.80,      0.00)  DC      NA


                        *** THE SUMMARY OF MAXIMUM PERIOD (  4404 HRS) RESULTS ***

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

                                                                                          NETWORK
GROUP ID                    AVERAGE CONC              RECEPTOR  (XR, YR, ZELEV, ZFLAG)   OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

TRACY     1ST HIGHEST VALUE IS      1.98475 AT (  631900.00,  4178900.00,     19.80,      0.00)  DC      NA
          2ND HIGHEST VALUE IS      1.94453 AT (  631400.00,  4178900.00,     22.30,      0.00)  DC      NA
          3RD HIGHEST VALUE IS      1.90166 AT (  628900.00,  4181400.00,     18.00,      0.00)  DC      NA
          4TH HIGHEST VALUE IS      1.83920 AT (  631900.00,  4178400.00,     24.70,      0.00)  DC      NA
          5TH HIGHEST VALUE IS      1.81034 AT (  630900.00,  4178900.00,     25.00,      0.00)  DC      NA
          6TH HIGHEST VALUE IS      1.68827 AT (  631400.00,  4178400.00,     28.00,      0.00)  DC      NA
          7TH HIGHEST VALUE IS      1.59735 AT (  628400.00,  4181400.00,     22.90,      0.00)  DC      NA
          8TH HIGHEST VALUE IS      1.54839 AT (  630400.00,  4178900.00,     28.00,      0.00)  DC      NA
          9TH HIGHEST VALUE IS      0.81481 AT (  629400.00,  4181400.00,     15.80,      0.00)  DC      NA
         10TH HIGHEST VALUE IS      0.78164 AT (  628900.00,  4180900.00,     20.10,      0.00)  DC      NA

HIGHWAY   1ST HIGHEST VALUE IS      1.53123 AT (  624200.00,  4177500.00,    120.00,      0.00)  DC      NA
          2ND HIGHEST VALUE IS      1.44715 AT (  625200.00,  4177700.00,    135.70,      0.00)  DC      NA
          3RD HIGHEST VALUE IS      1.42951 AT (  624600.00,  4177600.00,    109.10,      0.00)  DC      NA
          4TH HIGHEST VALUE IS      1.35886 AT (  623400.00,  4177300.00,    152.10,      0.00)  DC      NA
          5TH HIGHEST VALUE IS      1.32452 AT (  624300.00,  4177500.00,    128.00,      0.00)  DC      NA
          6TH HIGHEST VALUE IS      1.29974 AT (  620497.00,  4176624.00,    204.60,      0.00)  GC    1
          7TH HIGHEST VALUE IS      1.20133 AT (  625400.00,  4177700.00,    128.00,      0.00)  DC      NA
          8TH HIGHEST VALUE IS      1.15597 AT (  625000.00,  4177600.00,    124.10,      0.00)  DC      NA
          9TH HIGHEST VALUE IS      1.03410 AT (  626000.00,  4177900.00,     97.90,      0.00)  DC      NA
         10TH HIGHEST VALUE IS      1.01310 AT (  626100.00,  4177900.00,    100.30,      0.00)  DC      NA

BASOURCE  1ST HIGHEST VALUE IS      0.62502 AT (  620697.00,  4176224.00,    179.50,      0.00)  GC    1
          2ND HIGHEST VALUE IS      0.62329 AT (  620747.00,  4176274.00,    178.60,      0.00)  GC    1
          3RD HIGHEST VALUE IS      0.61475 AT (  620647.00,  4176174.00,    181.20,      0.00)  GC    1
          4TH HIGHEST VALUE IS      0.61394 AT (  620497.00,  4176124.00,    182.90,      0.00)  GC    1
          5TH HIGHEST VALUE IS      0.61342 AT (  620547.00,  4176174.00,    183.00,      0.00)  GC    1
          6TH HIGHEST VALUE IS      0.61245 AT (  620897.00,  4176524.00,    179.30,      0.00)  GC    1
          7TH HIGHEST VALUE IS      0.60987 AT (  620547.00,  4176124.00,    182.90,      0.00)  GC    1
          8TH HIGHEST VALUE IS      0.60960 AT (  620597.00,  4176174.00,    182.90,      0.00)  GC    1
          9TH HIGHEST VALUE IS      0.60739 AT (  620597.00,  4176224.00,    182.70,      0.00)  GC    1
         10TH HIGHEST VALUE IS      0.60605 AT (  620497.00,  4176074.00,    183.50,      0.00)  GC    1


                        *** THE SUMMARY OF MAXIMUM PERIOD (  4404 HRS) RESULTS ***

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

                                                                                          NETWORK
GROUP ID                    AVERAGE CONC              RECEPTOR  (XR, YR, ZELEV, ZFLAG)   OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

SJSOURCE  1ST HIGHEST VALUE IS      2.42042 AT (  630400.00,  4175400.00,     68.00,      0.00)  DC      NA
          2ND HIGHEST VALUE IS      2.31855 AT (  630400.00,  4175900.00,     60.40,      0.00)  DC      NA
          3RD HIGHEST VALUE IS      2.04667 AT (  629900.00,  4175400.00,     70.10,      0.00)  DC      NA
          4TH HIGHEST VALUE IS      1.42538 AT (  628900.00,  4176900.00,     66.80,      0.00)  DC      NA
          5TH HIGHEST VALUE IS      1.21843 AT (  628900.00,  4176800.00,     66.80,      0.00)  DC      NA
          6TH HIGHEST VALUE IS      1.07982 AT (  630900.00,  4174400.00,     78.90,      0.00)  DC      NA
          7TH HIGHEST VALUE IS      1.03182 AT (  630900.00,  4175900.00,     55.30,      0.00)  DC      NA
          8TH HIGHEST VALUE IS      0.98548 AT (  629100.00,  4177000.00,     61.00,      0.00)  DC      NA
          9TH HIGHEST VALUE IS      0.96814 AT (  629400.00,  4175900.00,     72.30,      0.00)  DC      NA
         10TH HIGHEST VALUE IS      0.88415 AT (  630400.00,  4174900.00,     75.80,      0.00)  DC      NA
```

Excerpt PM10_PSD_99_incrementAN_fine grid_PMAN.USF

```
*** ISCST3 - VERSION 02035 ***
*** FPL Tesla                                                                    ***
*** Model Executed on 10/04/06 at 09:42:48 ***
 Input File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\99\Increment Analysis\PM10_PSD_99_incrementAN_fine grid_PMAN.DT
                A
Output File - D:\AIR\NATALIEY\TELSA\JohnfilesDATA\Jaime\99\Increment Analysis\PM10_PSD_99_incrementAN_fine grid_PMAN.LS
                T
   Met File - D:\AIR\NATALIEY\TELSA\MET\tracy99.asc

      Number of sources -       1031
Number of source groups -         10
    Number of receptors -       1734


                                                    *** POINT SOURCE DATA ***
(Same sources as "PM10_PSD_97_increment24_PM24.USF")
```

*** THE SUMMARY OF MAXIMUM PERIOD (8760 HRS) RESULTS ***

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	30.83502 AT	(630230.00, 4175470.00, 67.80, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	19.49844 AT	(630260.00, 4175470.00, 67.70, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	14.82687 AT	(630290.00, 4175500.00, 67.10, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	12.95100 AT	(630320.00, 4175500.00, 66.90, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	11.63077 AT	(630290.00, 4175470.00, 67.30, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	11.04590 AT	(630200.00, 4175410.00, 69.20, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	10.96520 AT	(629960.00, 4175710.00, 64.30, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	9.75090 AT	(630260.00, 4175500.00, 67.10, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	9.75027 AT	(630350.00, 4175500.00, 66.30, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	8.92693 AT	(630230.00, 4175860.00, 61.70, 0.00)	DC	NA
GT	1ST HIGHEST VALUE IS	0.05099 AT	(629900.00, 4176400.00, 58.90, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.05073 AT	(629900.00, 4176370.00, 59.10, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.05060 AT	(629930.00, 4176370.00, 58.90, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.05060 AT	(629930.00, 4176400.00, 58.20, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.05047 AT	(629960.00, 4176370.00, 58.70, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.05043 AT	(629900.00, 4176340.00, 59.30, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.05043 AT	(629960.00, 4176400.00, 57.90, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.05041 AT	(629990.00, 4176400.00, 57.90, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.05030 AT	(629930.00, 4176340.00, 59.10, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.05028 AT	(630020.00, 4176400.00, 57.70, 0.00)	DC	NA
CT	1ST HIGHEST VALUE IS	0.02576 AT	(629900.00, 4176400.00, 58.90, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.02531 AT	(629930.00, 4176400.00, 58.20, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.02502 AT	(629960.00, 4176400.00, 57.90, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.02484 AT	(629990.00, 4176400.00, 57.90, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.02483 AT	(629900.00, 4176370.00, 59.10, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.02460 AT	(630020.00, 4176400.00, 57.70, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.02459 AT	(629930.00, 4176370.00, 58.90, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.02434 AT	(629960.00, 4176370.00, 58.70, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.02425 AT	(630050.00, 4176400.00, 57.20, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.02401 AT	(630080.00, 4176400.00, 57.00, 0.00)	DC	NA

*** THE SUMMARY OF MAXIMUM PERIOD (8760 HRS) RESULTS ***

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
EMGEN	1ST HIGHEST VALUE IS	0.00013 AT	(629900.00, 4176400.00, 58.90, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.00013 AT	(629930.00, 4176400.00, 58.20, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.00013 AT	(629900.00, 4176370.00, 59.10, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.00013 AT	(629960.00, 4176400.00, 57.90, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.00013 AT	(629930.00, 4176370.00, 58.90, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.00013 AT	(629990.00, 4176400.00, 57.90, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.00012 AT	(629960.00, 4176370.00, 58.70, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.00012 AT	(629900.00, 4176340.00, 59.30, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.00012 AT	(630020.00, 4176400.00, 57.70, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.00012 AT	(629930.00, 4176340.00, 59.10, 0.00)	DC	NA
FW	1ST HIGHEST VALUE IS	0.00002 AT	(629900.00, 4176400.00, 58.90, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.00002 AT	(629930.00, 4176400.00, 58.20, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.00002 AT	(629900.00, 4176370.00, 59.10, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.00002 AT	(629960.00, 4176400.00, 57.90, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.00002 AT	(629930.00, 4176370.00, 58.90, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.00002 AT	(629990.00, 4176400.00, 57.90, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.00002 AT	(629960.00, 4176370.00, 58.70, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.00002 AT	(629900.00, 4176340.00, 59.30, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.00002 AT	(630020.00, 4176400.00, 57.70, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.00002 AT	(629930.00, 4176340.00, 59.10, 0.00)	DC	NA

```
TESLA     1ST HIGHEST VALUE IS      0.07691 AT (  629900.00,  4176400.00,     58.90,      0.00)  DC      NA
          2ND HIGHEST VALUE IS      0.07606 AT (  629930.00,  4176400.00,     58.20,      0.00)  DC      NA
          3RD HIGHEST VALUE IS      0.07571 AT (  629900.00,  4176370.00,     59.10,      0.00)  DC      NA
          4TH HIGHEST VALUE IS      0.07559 AT (  629960.00,  4176400.00,     57.90,      0.00)  DC      NA
          5TH HIGHEST VALUE IS      0.07540 AT (  629990.00,  4176400.00,     57.90,      0.00)  DC      NA
          6TH HIGHEST VALUE IS      0.07533 AT (  629930.00,  4176370.00,     58.90,      0.00)  DC      NA
          7TH HIGHEST VALUE IS      0.07502 AT (  630020.00,  4176400.00,     57.70,      0.00)  DC      NA
          8TH HIGHEST VALUE IS      0.07496 AT (  629960.00,  4176370.00,     58.70,      0.00)  DC      NA
          9TH HIGHEST VALUE IS      0.07450 AT (  629900.00,  4176340.00,     59.30,      0.00)  DC      NA
         10TH HIGHEST VALUE IS      0.07438 AT (  630050.00,  4176400.00,     57.20,      0.00)  DC      NA


                        *** THE SUMMARY OF MAXIMUM PERIOD (  8760 HRS) RESULTS ***

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

                                                                                          NETWORK
GROUP ID                     AVERAGE CONC              RECEPTOR  (XR, YR, ZELEV, ZFLAG)   OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

TRACY     1ST HIGHEST VALUE IS      0.13853 AT (  630890.00,  4176400.00,     50.00,      0.00)  DC      NA
          2ND HIGHEST VALUE IS      0.13779 AT (  630890.00,  4176370.00,     50.20,      0.00)  DC      NA
          3RD HIGHEST VALUE IS      0.13753 AT (  630860.00,  4176400.00,     50.00,      0.00)  DC      NA
          4TH HIGHEST VALUE IS      0.13702 AT (  630890.00,  4176340.00,     50.70,      0.00)  DC      NA
          5TH HIGHEST VALUE IS      0.13679 AT (  630860.00,  4176370.00,     50.60,      0.00)  DC      NA
          6TH HIGHEST VALUE IS      0.13655 AT (  630830.00,  4176400.00,     50.20,      0.00)  DC      NA
          7TH HIGHEST VALUE IS      0.13622 AT (  630890.00,  4176310.00,     50.90,      0.00)  DC      NA
          8TH HIGHEST VALUE IS      0.13602 AT (  630860.00,  4176340.00,     50.90,      0.00)  DC      NA
          9TH HIGHEST VALUE IS      0.13580 AT (  630830.00,  4176370.00,     50.70,      0.00)  DC      NA
         10TH HIGHEST VALUE IS      0.13559 AT (  630800.00,  4176400.00,     50.60,      0.00)  DC      NA

HIGHWAY   1ST HIGHEST VALUE IS      0.28825 AT (  629900.00,  4174900.00,     81.60,      0.00)  DC      NA
          2ND HIGHEST VALUE IS      0.23767 AT (  629900.00,  4174930.00,     80.30,      0.00)  DC      NA
          3RD HIGHEST VALUE IS      0.22563 AT (  629930.00,  4174900.00,     81.30,      0.00)  DC      NA
          4TH HIGHEST VALUE IS      0.21410 AT (  629930.00,  4174930.00,     80.70,      0.00)  DC      NA
          5TH HIGHEST VALUE IS      0.20603 AT (  629900.00,  4174960.00,     79.30,      0.00)  DC      NA
          6TH HIGHEST VALUE IS      0.19275 AT (  629900.00,  4174990.00,     78.90,      0.00)  DC      NA
          7TH HIGHEST VALUE IS      0.18787 AT (  629930.00,  4174960.00,     79.60,      0.00)  DC      NA
          8TH HIGHEST VALUE IS      0.18553 AT (  629960.00,  4174900.00,     80.80,      0.00)  DC      NA
          9TH HIGHEST VALUE IS      0.18545 AT (  629900.00,  4175020.00,     78.90,      0.00)  DC      NA
         10TH HIGHEST VALUE IS      0.17327 AT (  629900.00,  4175050.00,     78.70,      0.00)  DC      NA

BASOURCE  1ST HIGHEST VALUE IS      0.32976 AT (  629900.00,  4174930.00,     80.30,      0.00)  DC      NA
          2ND HIGHEST VALUE IS      0.32955 AT (  629930.00,  4174930.00,     80.70,      0.00)  DC      NA
          3RD HIGHEST VALUE IS      0.32930 AT (  629930.00,  4174900.00,     81.30,      0.00)  DC      NA
          4TH HIGHEST VALUE IS      0.32867 AT (  629960.00,  4174900.00,     80.80,      0.00)  DC      NA
          5TH HIGHEST VALUE IS      0.32863 AT (  629960.00,  4174930.00,     79.90,      0.00)  DC      NA
          6TH HIGHEST VALUE IS      0.32729 AT (  629990.00,  4174900.00,     80.10,      0.00)  DC      NA
          7TH HIGHEST VALUE IS      0.32719 AT (  629900.00,  4174900.00,     81.60,      0.00)  DC      NA
          8TH HIGHEST VALUE IS      0.31861 AT (  629930.00,  4175320.00,     72.70,      0.00)  DC      NA
          9TH HIGHEST VALUE IS      0.31854 AT (  629960.00,  4175290.00,     73.80,      0.00)  DC      NA
         10TH HIGHEST VALUE IS      0.31836 AT (  629900.00,  4175140.00,     77.30,      0.00)  DC      NA


                        *** THE SUMMARY OF MAXIMUM PERIOD (  8760 HRS) RESULTS ***

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

                                                                                          NETWORK
GROUP ID                     AVERAGE CONC              RECEPTOR  (XR, YR, ZELEV, ZFLAG)   OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

SJSOURCE  1ST HIGHEST VALUE IS     30.34611 AT (  630230.00,  4175470.00,     67.80,      0.00)  DC      NA
          2ND HIGHEST VALUE IS     19.00717 AT (  630260.00,  4175470.00,     67.70,      0.00)  DC      NA
          3RD HIGHEST VALUE IS     14.32993 AT (  630290.00,  4175500.00,     67.10,      0.00)  DC      NA
          4TH HIGHEST VALUE IS     12.45411 AT (  630320.00,  4175500.00,     66.90,      0.00)  DC      NA
          5TH HIGHEST VALUE IS     11.13444 AT (  630290.00,  4175470.00,     67.30,      0.00)  DC      NA
          6TH HIGHEST VALUE IS     10.53455 AT (  630200.00,  4175410.00,     69.20,      0.00)  DC      NA
          7TH HIGHEST VALUE IS     10.45796 AT (  629960.00,  4175710.00,     64.30,      0.00)  DC      NA
          8TH HIGHEST VALUE IS      9.25372 AT (  630350.00,  4175500.00,     66.30,      0.00)  DC      NA
          9TH HIGHEST VALUE IS      9.25154 AT (  630260.00,  4175500.00,     67.10,      0.00)  DC      NA
         10TH HIGHEST VALUE IS      8.41682 AT (  630230.00,  4175860.00,     61.70,      0.00)  DC      NA
```

Excerpt PM10_PSD_99_increment24_SIL_fine grid_PM24.USF

```
*** ISCST3 - VERSION 02035 ***
*** FPL Tesla                                                                    ***
*** Model Executed on 09/29/06 at 16:12:58 ***
 Input File - D:\FROHNING\TPP\1999\PM10_PSD_99_increment24_SIL_fine grid_PM24.DTA

Output File - D:\FROHNING\TPP\1999\PM10_PSD_99_increment24_SIL_fine grid_PM24.LST

   Met File - D:\FROHNING\TPP\Met\tracy99_2.asc

      Number of sources -       1031
Number of source groups -         10
    Number of receptors -       3417
```

*** POINT SOURCE DATA ***

(Same sources as "PM10_PSD_97_increment24_PM24.USF")

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM24 IN MICROGRAMS/M**3 **

NETWORK GROUP ID GRID-ID			AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)				OF TYPE
ALL NA	HIGH	1ST HIGH VALUE IS	7.26096c	ON 99112724: AT (	625090.00,	4172630.00,	273.40,	0.00)	DC
	HIGH	2ND HIGH VALUE IS	5.93888c	ON 99112824: AT (	625390.00,	4172540.00,	289.60,	0.00)	DC
GT NA	HIGH	1ST HIGH VALUE IS	5.29832c	ON 99112724: AT (	625300.00,	4172600.00,	274.20,	0.00)	DC
	HIGH	2ND HIGH VALUE IS	3.69901c	ON 99112824: AT (	625390.00,	4172540.00,	289.60,	0.00)	DC
CT NA	HIGH	1ST HIGH VALUE IS	1.19958c	ON 99112724: AT (	625360.00,	4173230.00,	216.00,	0.00)	DC
	HIGH	2ND HIGH VALUE IS	0.67115c	ON 99112824: AT (	625480.00,	4172690.00,	232.40,	0.00)	DC
EMGEN NA	HIGH	1ST HIGH VALUE IS	0.00934c	ON 99112724: AT (	625540.00,	4173380.00,	178.10,	0.00)	DC
	HIGH	2ND HIGH VALUE IS	0.00754c	ON 99112824: AT (	625570.00,	4173380.00,	182.10,	0.00)	DC
FW NA	HIGH	1ST HIGH VALUE IS	0.00144c	ON 99112724: AT (	625720.00,	4173380.00,	180.40,	0.00)	DC
	HIGH	2ND HIGH VALUE IS	0.00113c	ON 99112724: AT (	625870.00,	4173380.00,	170.30,	0.00)	DC
TESLA NA	HIGH	1ST HIGH VALUE IS	6.12320c	ON 99112724: AT (	625300.00,	4172600.00,	274.20,	0.00)	DC
	HIGH	2ND HIGH VALUE IS	4.23526c	ON 99112824: AT (	625390.00,	4172540.00,	289.60,	0.00)	DC
TRACY NA	HIGH	1ST HIGH VALUE IS	0.62926c	ON 99011024: AT (	625900.00,	4171400.00,	336.50,	0.00)	DC
	HIGH	2ND HIGH VALUE IS	0.51093c	ON 99112824: AT (	625750.00,	4171730.00,	322.30,	0.00)	DC
HIGHWAY NA	HIGH	1ST HIGH VALUE IS	0.19732c	ON 99011424: AT (	624400.00,	4173080.00,	236.40,	0.00)	DC
	HIGH	2ND HIGH VALUE IS	0.17363	ON 99122524: AT (	624400.00,	4173140.00,	242.80,	0.00)	DC
BASOURCE NA	HIGH	1ST HIGH VALUE IS	1.82779c	ON 99122424: AT (	624970.00,	4173380.00,	178.50,	0.00)	DC
	HIGH	2ND HIGH VALUE IS	1.79204c	ON 99122424: AT (	625480.00,	4173380.00,	178.60,	0.00)	DC
SJSOURCE NA	HIGH	1ST HIGH VALUE IS	1.24453c	ON 99011024: AT (	625900.00,	4172900.00,	175.10,	0.00)	DC
	HIGH	2ND HIGH VALUE IS	1.11267	ON 99091324: AT (	625900.00,	4172900.00,	175.10,	0.00)	DC

Appendix F

Appendix F
CD with Complete Modeling and Data Files

Tesla Power Project- File Descriptions

Modeling File Extensions Included

File Extension	Description	Note
.DTA	ISCST3 Model input data file (standard EPA format).	ISCST3 File
.LST	Model output list file; contains model tabular output (standard EPA format*).	ISCST3 File
.USF	ISCST3 file containing a summary of the model output.	ISCST3 File
.MAX	Model output list file; results greater than a user specified value by source group	ISCST3 File
.OUT	Model output list file; contains model tabular output (standard EPA format*).	ISCST3_OLM File

Cumulative Impacts Modeling Files- CO and NOx

File Name	Averaging Period	Year	Grid Type	OLM Modeling
CO_97_CO1HR	1 Hour	1997	Coarse	no
CO_98_CO1HR	1 Hour	1998	Coarse	no
CO_99_CO1HR	1 Hour	1999	Coarse	no
CO_97_CO8HR	8 Hour	1997	Coarse	no
CO_98_CO8HR	8 Hour	1998	Coarse	no
CO_99_CO8HR	8 Hour	1999	Coarse	no
CO1HOURFINE_98_CO1HR	1 Hour	1998	Fine	no
CO8HOURFINE_99_CO8HR	8 Hour	1999	Fine	no
1H97NOa	1 Hour	1997	Receptor a	yes
1H97NOb	1 Hour	1997	Receptor b	yes
1H97NOc	1 Hour	1997	Receptor c	yes
1H98NOa	1 Hour	1998	Receptor a	yes
1H98NOb	1 Hour	1998	Receptor b	yes
1H98NOc	1 Hour	1998	Receptor c	yes
1H99NOa	1 Hour	1999	Receptor a	yes
1H99NOb	1 Hour	1999	Receptor b	yes
1H99NOc	1 Hour	1999	Receptor c	yes

Cumulative Impacts Modeling Files- PM10 Modeling Files

File Name	Averaging Period	Year	Grid Type
PM10_PSD_97_cumulative24	24 Hour	1997	Coarse/Fine
PM10_PSD_97_cumulativeAN	Annual	1997	Coarse/Fine
PM10_PSD_98_cumulative24	24 Hour	1998	Coarse/Fine
PM10_PSD_98_cumulativeAN	Annual	1998	Coarse/Fine
PM10_PSD_99_cumulative24	24 Hour	1999	Coarse/Fine
PM10_PSD_99_cumulativeAN	Annual	1999	Coarse/Fine

Impact Area Determination Modeling Files

File Name	Averaging Period	Year	Grid Type
PM10_Impact_97	24 Hour	1997	Coarse
PM10_Impact_fine grid_97	24 Hour	1997	Fine
PM10_Impact_1998	24 Hour	1998	Coarse
PM10_Impact_1999	24 Hour	1999	Coarse

Increment Analysis Modeling Files

File Name	Averaging Period	Year	Grid Type	Other Information
Files beginning with: PM10_PSD_97_				
...increment24	24 Hour	1997 (1st Half)	Coarse/Fine	
...increment24_part2	24 Hour	1997 (2nd Half)	Coarse/Fine	
...increment24_fine grid	24 Hour	1997	Fine	
...increment24_fine grid_PM24_24_ALL	24 Hour	1997	Fine	Results >30 $\mu g/m^3$ for source group "ALL"
...increment24_fine grid_PM24_24_TESLA	24 Hour	1997	Fine	Results >5 $\mu g/m^3$ for source group "TESLA"
...incrementAN	Annual	1997 (1st Half)	Coarse/Fine	
...incrementAN_part2	Annual	1997 (2nd Half)	Coarse/Fine	
...incrementAN_fine grid	Annual	1997	Fine	
Files beginning with: PM10_PSD_98_				
...increment24	24 Hour	1998 (1st Half)	Coarse/Fine	
...increment24_part2	24 Hour	1998 (2nd Half)	Coarse/Fine	
...increment24_fine grid	24 Hour	1998	Fine	
...increment24_fine grid_PM24_24_ALL	24 Hour	1998	Fine	Results >30 $\mu g/m^3$ for source group "ALL"
...increment24_fine grid_PM24_24_TESLA	24 Hour	1998	Fine	Results >5 $\mu g/m^3$ for source group "TESLA"
...incrementAN	Annual	1998 (1st Half)	Coarse/Fine	
...incrementAN_part2	Annual	1998 (2nd Half)	Coarse/Fine	
...incrementAN_fine grid	Annual	1998	Fine	
Files beginning with: PM10_PSD_99_				
...increment24	24 Hour	1999 (1st Half)	Coarse/Fine	
...increment24_part2	24 Hour	1999 (2nd Half)	Coarse/Fine	
...increment24_fine grid	24 Hour	1999	Fine	
...increment24_SIL_fine grid	24 Hour	1999	Fine	
...increment24_fine grid_PM24_24_ALL	24 Hour	1999	Fine	Results >30 $\mu g/m^3$ for source group "ALL"
...increment24_fine grid_PM24_24_TESLA	24 Hour	1999	Fine	Results >5 $\mu g/m^3$ for source group "TESLA"
...incrementAN	Annual	1999 (1st Half)	Coarse/Fine	
...incrementAN_part2	Annual	1999 (2nd Half)	Coarse/Fine	
...incrementAN_fine grid	Annual	1999	Fine	

BPIP Files

File Name	Description
Tesla.GPW	File that contains source/building data at the same time as the BPIP run.
Tesla.PIP	Input file for BPIP (BpipWin.exe) in the standard EPA format.*
Tesla.SO	Output file from BPIP; contains EPA-format source cards of building heights and widths for each source. Integrated with rest of input data when model input .DTA file is built.
Tesla.SUM	BPIP output file, summary form (standard EPA format).
Tesla.TAB	BPIP output file, verbose form (standard EPA format).

Appendix F
CD with Complete Modeling and Data Files

Ozone and MET Data Files

File Name	Description
97o3fil.asc	1997 Hourly Ozone data for OLM modeling
98o3fil.asc	1998 Hourly Ozone data for OLM modeling
99o3fil.asc	1999 Hourly Ozone data for OLM modeling
tracy97.asc	1997 Hourly MET data
tracy98.asc	1998 Hourly MET data
tracy99.asc	1999 Hourly MET data

DEM Data Files

File Name
Altamont.dem
Byron.dem
Clifton.dem
Midway.dem
Tracy.dem
Union.dem

SCREEN3 Output Files

BAAQMD Minor Sources	SJVAPCD Minor Sources			
antioch.out	7htech.out	comcast.out	oxy res.out	vintage.out
bay citites.out	a1auto.out	cooks.out	pacbell.out	wingfoot.out
biofuel.out	anthonys2.out	defense.out	pacific.out	worldcom.out
cemex.out	anthonys.out	deuel.out	rmc.out	
doe_koa.out	artisans.out	dss.out	safeway.out	
evans.out	barbosa2.out	dutchman.out	sanjoaq2.out	
gas rec.out	basalite.out	eagle.out	sanjoaq3.out	
granite.out	bescal.out	gardner.out	sanjoaq4.out	
hexcel.out	calauto.out	granite.out	sanjoaq.out	
jifco.out	calaveras.out	gwf.out	sears.out	
kellog.out	calstone.out	holly.out	sobhana.out	
lawliver.out	carls.out	homedepot.out	south sj.out	
quality.out	cemex.out	iron.out	surtec.out	
rc ready.out	charter.out	jeffsuther.out	sutter.out	
republic.out	cityoflathrop2.out	johnjones.out	teichert2.out	
right away.out	cityoflathrop3.out	knox.out	teichert.out	
roselammn.out	cityoflathrop.out	leprino.out	thermal.out	
shulls.out	cityoftracy2.out	lynx.out	thomas.out	
unimin.out	cityoftracy3.out	marquez.out	tin.out	
virtues.out	cityoftracy4.out	miref.out	tracycoll.out	
vulcan2.out	cityoftracy5.out	modesto.out	tracymat.out	
vulcan1.out	cityoftracy6.out	mountain.out	tracyrural.out	
waste_man.out	cityoftracy7.out	oakwood.out	troy.out	
weaver.out	cityoftracy.out	owens.out	verizon.out	

URBEMIS Output Files

File Name	Description
Tracy_2001.txt	URBEMIS output for City of Tracy in 2001
Tracy_2006.txt	URBEMIS output for City of Tracy in 2006

Source data files received from BAAQMD and SJVAPCD

Attachment C
Requested Modifications to Conditions of Original CEC License

Proposed Modifications To Conditions Of Certification

- **AQ-13.** The owner/operator shall not operate the Gas Turbines (S-1, S-3, S-5, & S-7) and Heat Recovery Steam Generators (S-2, S-4, S-6, & S-8) in a manner such that the combined pollutant emissions from these sources will exceed the following limits during the commissioning period. These emission limits shall include emissions resulting from the start-up and shutdown of the Gas Turbines (S-1, S-3, S-5, & S-7).

NO_x (as NO_2)	3,732 pounds per calendar day	622 pounds per hour
CO	***6,284*** ~~2,289~~ pounds per calendar day	***2,770*** ~~381.6~~ pounds per hour
POC (as CH_4)	1,080 pounds per calendar day	
PM_{10}	***1,224*** ~~306~~ pounds per calendar day	
SO_2	***192*** ~~48~~ pounds per calendar day	

- **AQ-15.** The owner/operator shall fire the Gas Turbines (S-1, S-3, S-5, and S-7) and HRSG Duct Burners (S-2, S-4, S-6, and S-8) exclusively on natural gas with a maximum sulfur content of 0.33 grain per 100 standard cubic feet. To demonstrate compliance with this limit, the operator of S-1 through S-8 shall sample and analyze the gas from each supply source at least once every 30 consecutive days to determine the sulfur content of the gas. ***Compliance shall be based on a 12-month rolling average of the 30-day samples.*** (BACT for SO_2 and PM_{10})

- **AQ-25.** The owner/operator shall ensure that the regulated air pollutant mass emission rates from each of-the Gas Turbines (S-1, S-3, S-5, and S-7) during a start-up does not exceed the limits established below. (PSD)

Gas Turbine Start-up Emission Rate Limits

	lb/hr	lb/start-up
NOx (as NO_2)	***190***~~150~~	***447***~~415.5~~
CO	***1,100***~~662.5~~	***1,389***~~,180.5~~
POC (as CH_4)	45	83

- **AQ-26.** The owner/operator shall not allow more than two Gas Turbines (S-1 & S-3, or S-5, & S-7) to be in start-up mode at any point in time. The owner/operator shall start-up additional gas turbines (S-1 & S-3 or S-5& S-7) only if ~~both of the following requirements are met:~~

  ~~(a) 60 minutes has elapsed since the initiation of the start-up of the first pair of turbines~~

  ~~(b)~~the first pair of turbines are operating in compliance with the NOx and CO emission limitations of part 24.

  (PSD)

- **AQ-27.** The owner/operator shall not allow total combined emissions from the Gas Turbines and HRSGs (S-1, S-2, S-3, S-4, S-5, S-6, S-7, and S-8), including emissions generated during Gas Turbine start-ups and shutdowns to exceed the following limits during any one hour:

  (a) ***640***~~331.3~~ pounds of NO_x (as NO_2) per hour
  (b) ***2,770***~~1,362.8~~ pounds of CO per hour
  (PSD)

- **AQ-28.** The owner/operator shall not allow total combined emissions from the Gas Turbines and HRSGs (S-1, S-2, S-3, S-4, S-5, S-6, S-7, and S-8) and S-9 Fire Pump Diesel Engine, including emissions generated during Gas Turbine startups and shutdowns to exceed the following limits during any calendar day:
  (a) 2,824.4 pounds of NOx (as NO2) per day (CEQA)
  (b) 6,284 pounds of CO per day (PSD)
  (c) 678.4 pounds of POC (as CH4) per day (CEQA)
  (d) 1,224 pounds of PM10 per day (PSD)
  ~~(February 1 through October 31)~~
  ~~(e) 1,080 pounds of PM10 per day (PSD)~~
  ~~(November 1 through January 31)~~
  (e)~~(f)~~ 192 pounds of SO2 per day (BACT)

- **AQ-46.** Prior to the issuance of the BAAQMD Authority to Construct for the Tesla Power Project, the Owner/Operator shall demonstrate that valid emission reduction credits in the amount of 287.328 tons/year of Nitrogen Oxides, 69.5 tons/year of Precursor Organic Compounds, and ***209.43***~~189.95~~ tons/year of PM_{10} or equivalent (as defined by District Regulations 2-2-302.1 and 2-2-302.2) are under their control through enforceable contracts, option to purchase agreements, or equivalent binding legal documents. (Offsets)

- **AQ-52.** The owner/operator shall properly install and maintain the cooling towers to minimize drift losses. The owner/operator shall equip the cooling towers with high-efficiency mist eliminators with a maximum guaranteed drift rate of 0.0005%. The maximum total dissolved solids (TDS) measured at the base of the cooling towers or at the point of return to the wastewater facility shall not be higher than ***6,000***~~1,878~~ ppmw (mg/l). The owner/operator shall sample and test the cooling tower water at least once per day to verify compliance with this TDS limit. (PSD)

- **HAZ-6.** The Project Owner shall require that the gas pipeline undergo a complete design review and detailed inspection 30 ***years***~~days~~ after initial startup and every 5 years thereafter.

Attachment D
Updated Property Owners List

USE OR DISCLOSURE OF DATA CONTAINED ON THIS SHEET IS SUBJECT TO
THE RESTRICTION ON THE TITLE PAGE OF THIS PROPOSAL.

List of Property Owners within 1000 ft of TPP

PARCEL	OWNER	ADDRESS	CITY/STATE/ZIP
099B 7825 001 01	Antonio I & Kathleen C Martin	2225 W Canal Blvd	Tracy Ca 95304
099B 7825 001 03	Power Llc Midway	Po Box 1400	Juno Beach Fl 33408
099B 7825 001 04	Power Llc Midway	Po Box 1400	Juno Beach Fl 33408
099B 7825 002 01	Anthony J & Phyllis H Castello	2681 Mountain House Rd #a	Tracy Ca 95391
099B 7825 003 00	COUNTY OF ALAMEDA	1221 Oak St #536	Oakland Ca 94612
099B 7825 004 00	COUNTY OF ALAMEDA	1221 Oak St #536	Oakland Ca 94612
099B 7825 005 00	COUNTY OF ALAMEDA	1221 Oak St #536	Oakland Ca 94612
099B 7875 001 02	GRIFFITH FAMILY PROPERTIES LLC	20044 Midway Rd	Tracy Ca 95377
099B 7875 001 03	Marianne B Griffith	20030 Midway Rd	Tracy Ca 95377
099B 7875 003 00	COUNTY OF ALAMEDA	1221 Oak St #536	Oakland Ca 94612
099B 7875 004 00	COUNTY OF ALAMEDA	1221 Oak St #536	Oakland Ca 94612
099B 7885 001 01	WILDLANDS INC	3855 Atherton Rd	Rocklin Ca 95765
099B 7885 001 02	Power Llc Midway	700 Universe Blvd	Juno Beach Fl 33408
099B 7885 006 00	P G & E CO 135-1-22-2	Po Box 770000	San Francisco Ca 94177
099B 7885 007 00	P G & E CO 135-1-24-5	Po Box 770000	San Francisco Ca 94177
099B 7885 009 00	COUNTY OF ALAMEDA	1221 Oak St #536	Oakland Ca 94612
099B 7885 010 00	COUNTY OF ALAMEDA	1221 Oak St #536	Oakland Ca 94612
099B 7885 012 00	P G & E CO 135-1-22A-1	Po Box 770000	San Francisco Ca 94177
099B 7890 001 03	WILDLANDS INC	5910 Auburn Blvd #17	Citrus Heights Ca 95621
099B 7890 001 04	WILDLANDS INC	3855 Atherton Rd	Rocklin Ca 95765
099B 7890 002 04	MULQUEENEY RANCH PROPERTIES	Po Box 2053	Livermore Ca 94551
099B 7890 002 06	MULQUEENEY RANCH PROPERTIES	Po Box 2053	Livermore Ca 94551
099B 7890 005 00	P G & E CO 135-1-22B-1	Po Box 770000	San Francisco Ca 94177