

Crenshaw/LAX Transit Corridor

Supplemental Draft Environmental Impact Statement / Recirculated Draft
Environmental Impact Report - Volume II, Appendices
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Metro®



U.S. Department of Transportation
Federal Transit Administration



List of Appendices

- APPENDIX A LIST OF ACRONYMS, ABBREVIATIONS AND REFERENCES**
- APPENDIX B LIST OF RECIPIENTS AND PREPARERS**
- APPENDIX C TECHNICAL APPENDICES**
- APPENDIX D REGULATORY FRAMEWORK AND CEQA THRESHOLDS**

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**APPENDIX A
LIST OF ACRONYMS, ABBREVIATIONS
AND REFERENCES**

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APPENDIX A LIST OF ACRONYMS AND ABBREVIATIONS

Acronym/Abbreviation	Definition
µg/m ³	Micrograms per Cubic Meter of Air
ACHP	Advisory Council on Historic Preservation
ACM	Asbestos-containing materials
amsl	Above Mean Sea Level
APE	Area of Potential Effects
AQMD	Air Quality Management District
AQMP	Air Quality Management Plan
ASTM	American Society for Testing and Materials
BMPs	Best Management Practices
BTU	British Thermal Units
CDMG	California Division of Mines and Geology
CE	California Endangered
CEQA	California Environmental Quality Act
CFR	<i>Code of Federal Regulations</i>
CHL	California Historic Landmarks
CMP	congestion management program
CNDDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Levels
CO	Carbon Monoxide
CO ₂	Carbon Dioxide
CPHI	California Points of Historic Interest
CT	California Threatened
CWA	Clean Water Act
D22N	Division 22 Northern
dB	Decibels
dBA	Decibels A Weights Scale
DEIR	Draft Environmental Impact Report
DEIS	Draft Environmental Impact Statement
DPW	Los Angeles Department of Water and Power
EIR	Environmental Impact Report
ESA	Endangered Species Act
F	Fahrenheit
FC	Candidate for Federal Listing
FE	Federally Endangered
FEIR	Final Environmental Impact Report
FEIS	Final Environmental Impact Statement
FEMA	Federal Emergency Management Agency

Acronym/Abbreviation	Definition
FR	Federal Register
FTA	Federal Transit Administration
GBV	Ground-borne vibration
GHG	Greenhouse gas
HABS	Historic American Buildings Survey
HIST UST	Historical Active Underground Storage Tank Facility
HOA	Homeowners Associations
LACMTA	Los Angeles County Metropolitan Transportation Authority
LAPD	Los Angeles Police Department
LAWA	Los Angeles World Airports
LAX	Los Angeles International Airport
L _{dn}	Day/Night Noise Level
LEP	Limited English Proficiency
L _{eq}	Equivalent noise Level
LPA	Locally Preferred Alternative
LRT	Light Rail Transit
L RTP	<i>Long Range Transportation Plan</i>
LRV	Light Rail Vehicles
LUST	Leaking Underground Storage Tank
Metro	Los Angeles County Metropolitan Transportation Authority
mph	Miles Per Hour
MS4	Municipal Separate Storm Sewer System
MSATs	Mobile Source Air Toxics
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NEPA	National Environmental Policy Act
NHPA	National Historic Preservation Act
NO	Nitric Oxide
NO ₂	Nitrogen Dioxide
NO _x	Nitrogen Oxides
NPDES	National Pollutant Discharge Elimination System
NRHP	National Register of Historic Places
O ₃	Ozone
PEC	Presumed Extinct in California
PEIR	Program Environmental Impact Report
PM	Particulate Matter
PPM	Parts Per Million
PPV	peak particle velocity
PRC	Public Resource Code



Acronym/Abbreviation	Definition
RDEIR	Recirculated Draft Environmental Impact Report
REC	Recognized Environmental Condition
RTP	<i>Regional Transportation Plan</i>
RWQCBs	Regional Water Quality Control Boards
SC	Species of Concern in California
SCAB	South Coast Air Basin
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SDEIS	Supplemental Draft Environmental Impact Statement
SEA	Significant Ecological Area
SEC	Seriously Endangered in California, Systems Engineering Consultant, or Southeast Corridor
SHPO	State Historic Preservation Officer
SO ₂	sulfur dioxide
SSCIC	South Central Coastal Information Center
SUSMP	Standard Urban Storm Water Mitigation Plan
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	Toxic Air Contaminant
TAHA	Terry A. Hayes Associates LLC
TMDL	Total Maximum Daily Loads
USC	<i>United States Code</i>
USEPA	U.S. Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
UST	Underground Storage Tank
VdB	Vibration Velocity Levels
VMT	Vehicle Miles Traveled
VPH	Vehicles Per Hour

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**APPENDIX B
LIST OF RECIPIENTS
AND PREPARERS**

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APPENDIX B LIST OF RECIPIENTS

AGENCY DISTRIBUTION LIST

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CRENSHAW/LAX TRANSIT CORRIDOR PROJECT



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Baldwin Hills Estates Home Owners Association
Holy Faith Episcopal Church
West Adams Neighborhood Council
West Angeles Church of God & Christ
Empowerment Congress West Area NDC
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Park Mesa Heights Community Council
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Veronica/Sanchez/Sycamore Block Club
United Homeowners Association
Cherrywood Block Club
Brookside Home Owners Association
LAX Coastal Area Chamber of Commerce
View Park Middle School
View Park Charter High School
Inglewood Chamber of Commerce
Crenshaw High School Cougar Coalition Parent Group
Springfield College
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Baldwin Hills Conservancy
LAX Area Advisory Committee
Westchester/Playa Neighborhood Council
Westchester Neighbors Association
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**APPENDIX C
TECHNICAL APPENDICES**

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TECHNICAL ADDENDUM

Date: November 23, 2010

To: Mike Sullivan, Terry A. Hayes Associates

cc: Dennis Henderson, Parsons Brinckerhoff

From: John Stutsman and Anjum Bawa

**Subject: *Traffic Impact Assessment of Additional Candidate Sites
Crenshaw/LAX Transit Corridor LRT Maintenance Facility***

SM10-2179.03

This technical addendum summarizes the results of a trip generation assessment and level of service (LOS) analysis conducted by Fehr & Peers for two additional sites selected by Los Angeles County Metropolitan Transportation Authority (Metro) as potential candidate sites for a light rail transit (LRT) maintenance facility to serve the Crenshaw/LAX Transit Corridor. These two sites are in addition to the four candidate sites which analyzed in our July 1, 2010 technical memorandum.

PROJECT DESCRIPTION

As described in the July 1, 2010 technical memorandum, the project will involve the construction of a maintenance facility along the proposed Crenshaw/LAX LRT Line at one of the two candidate sites. Both candidate maintenance facility sites currently contain property that would need to be acquired and/or facilities that may need to be relocated should that site be chosen. The proposed maintenance facility would be used to store, maintain, make minor repairs, and clean light rail vehicles. The site would include an administrative office building; maintenance building for daily servicing, preventive maintenance, repairs, and parts storage; a paint and body shop; and cleaning facilities.

The site will be designed to handle a 60-vehicle fleet. Per information provided by Metro, approximately 75 to 80 employees would be present on-site during a typical shift with approximately 40% overlap of staff on shift changes. This overlap of shifts would occur only for approximately 30 to 45 minutes during shift changes when employees starting their shift arrive at the site and employees ending their shift leave the site. Some visitor traffic in the form of contract employees and vendors including approximately one delivery truck a day and a garbage removal truck two or three times during a typical week are expected. The proposed maintenance facility is expected to be built and operational by Year 2018.

PROPOSED CANDIDATE SITES

Both candidate sites are located near the I-405 Freeway between Rosecrans Avenue and Manhattan Beach Boulevard. Following is a brief description of the two candidate sites with respect to their specific location and existing operations:

- **Site #17 – Marine/Redondo Beach Alternative** – This site is located at 4000 Redondo Beach Avenue along the east side of Redondo Beach Avenue between Marine Avenue and Manhattan Beach Boulevard. The site is currently used by DHL Global Forwarding Center (courier facility).
- **Division 22 Northern Expansion Alternative** – This site is located at 14680 Aviation Boulevard, east of 33rd Street and just south of Rosecrans Avenue. The site is currently used by US Storage Hawthorne as a mini storage/warehouse facility.

Figure 1 shows the locations of the two candidate sites and the surrounding roadway network.

Fehr & Peers conducted a review of major intersections in close proximity to the two candidate sites. The following intersections were analyzed for each of the two candidate sites:

Site #17 – Marine/Redondo Beach Alternative

1. Aviation Boulevard and Marine Avenue
2. Redondo Beach Avenue and Marine Avenue
3. Inglewood Avenue and Marine Avenue
4. Inglewood Avenue and I-405 Northbound Ramps
5. Inglewood Avenue and I-405 Southbound Ramps
6. Redondo Beach Avenue and Manhattan Beach Boulevard
7. Aviation Boulevard and Manhattan Beach Boulevard

Division 22 Northern Expansion Alternative

1. Aviation Boulevard and Marine Avenue
2. Redondo Beach Avenue and Marine Avenue
3. Rosecrans Avenue and Aviation Boulevard
4. Rosecrans Avenue and I-405 Northbound Ramps

EXISTING TRAFFIC CONDITIONS

Intersection vehicular turning movement count data for weekday morning and evening peak periods was obtained from previous traffic studies prepared for projects in the vicinity of the proposed sites and collected in years 2007 and 2008. A comparative analysis of historic traffic count data at key intersections indicated negligible to negative growth in traffic within the sub-region. Therefore, no growth adjustment was applied to traffic counts from Year 2007/2008 to estimate Year 2010 traffic volumes.

A summary of traffic volumes at the aforementioned intersections is provided in Attachment A. Table 1 provides a summary of existing levels of service (LOS) for these above study intersections. As shown in Table 1, out of the seven intersection analyzed for Site #17 – Marine/Redondo Beach Alternative, five intersections currently operate at a level of service (LOS) D or better during both peak hours while the two intersections of Redondo Beach Avenue and Aviation Boulevard along Manhattan Beach Boulevard currently operate at a LOS E or F during one of the two analyzed peak hours.

Out of the four intersections analyzed under Division 22 Northern Expansion Alternative site, only the intersection of Rosecrans Avenue and Aviation Boulevard currently operates at a LOS F during the evening peak hour. All other intersection currently operate at a LOS D or better during both analyzed peak hours.

FUTURE TRAFFIC CONDITIONS

To evaluate the potential impacts of the proposed project on the surrounding street system, it was necessary to develop estimates of future traffic conditions in the area both without and with the proposed project's traffic. First, estimates of traffic growth were developed for the study area to forecast future conditions without the project. These forecasts included traffic increases due to general regional ambient traffic growth. These projected traffic volumes, identified herein as the cumulative base conditions, represent the future study year conditions without the proposed project. The traffic generated by the proposed project was then estimated and assigned to the surrounding street system. The project traffic was added to the cumulative base to form the cumulative plus project traffic conditions, which were analyzed to determine the incremental traffic impacts attributable to the project itself.

Future (Year 2018) Base without Project Traffic Projections

The traffic volume growth reflected in the development of the future base without project conditions takes into account the expected growth in traffic over existing conditions due to the effect of overall growth and development outside the study area. Based on historic trends and projected growth in the region over the next eight years, it was established that an ambient growth rate factor of 1% per year should be applied to adjust the existing base year traffic volumes to reflect the effects of regional growth and development by the Year 2018. An adjustment of 8% was applied to existing weekday peak hour traffic counts to reflect the effect of ambient growth by the Year 2018. The resulting future (Year 2018) base traffic volumes are provided in Attachment A.

Future (Year 2018) plus Project Traffic Projections

The traffic projections for the proposed project were developed using three steps: estimating the trip generation of the project, determining trip distribution, and assigning the project traffic to the roadway system.

Project Trip Generation

As described in our July 1, 2010 technical memorandum, trip generation estimates for the project were prepared using empirical data collected at an existing LRT maintenance facility, MTA Division 22 serving the Metro Green Line at 14724 Aviation Boulevard in Hawthorne. Classified driveway traffic data was collected at this maintenance facility using a video camera for a 24-hour period. Data related to number of passenger cars and trucks going in and out of the site was collected on a typical weekday. This empirical data can be found in Attachment C. A passenger car equivalent (PCE) factor of 2.0 was used to convert truck trips in the PCEs for the purpose of trip generation estimates. The truck PCE trips were combined with the passenger car vehicles trips to arrive at total inbound/outbound daily trips. Figure 2 shows trips generated by MTA Division 22 by each hour of the day.

Using the above empirical data, weekday morning and evening peak hour trip generation of the survey facility was determined. As shown in Table 2, Division 22 currently generates a total of 13 trips in the morning peak hour (7 inbound/6 outbound) and 11 trips during the evening peak hours (6 inbound/5 outbound).

MTA Division 22 serves a total of 39 Light Rail Vehicles (LRVs). The proposed project is expected to serve a total of 60 LRVs. Trip generation for the proposed facility was estimated by applying to the MTA Division 22 trips a factor proportional to the size of the facility in terms of number of LRVs served. Thus, a

factor of 1.54 was applied to Division 22 traffic count data including both passenger cars and trucks to calculate trip generation for the proposed Crenshaw/LAX Transit Corridor LRT maintenance facility.

After applying a PCE factor of 2.0 to convert truck trips into PCEs, as shown in Table 3, the proposed project is estimated to generate a total of 18 trips during the morning peak hour (8 inbound/10 outbound) and 20 trips during the evening peak hours (11 inbound/9 outbound) Figure 3 shows a chart of the proposed project trip projections.

Consistent with the approach in our July 1, 2010 technical memorandum, it is assumed that the existing uses on the analyzed sites will most likely relocate within the same sub-region. Therefore, to be conservative, no trip credit was taken for existing uses as part of project trip generation estimates.

Project Traffic Distribution

The geographic distribution of trips generated by the project was dependant on location of residential areas from which the project will draw home-work trips; location of each of the four candidate sites with respect to access to regional freeway and roadway network; and level of accessibility of routes to and from the proposed candidate sites. On a sub-regional level, approximately 70% of the trips were estimated to use the freeways and 30% on the major roadways adjacent to the four analyzed sites.

Project Traffic Assignment

The traffic to be generated by the proposed project at each of the analyzed sites was assigned to the street network using the distribution described above. The proposed project traffic volumes were added to future (Year 2018) base traffic projections, resulting in a future (Year 2018) plus project morning and evening peak hour traffic volumes. Project Only and Future plus Project traffic volumes are presented in Attachment A.

INTERSECTION TRAFFIC IMPACT ANALYSIS

The traffic impact analysis compares the projected LOS at each study intersection under the cumulative base and cumulative plus project conditions to estimate the incremental increase in the V/C ratio caused by the proposed project. This provides the information needed to assess the potential impact of the project using significant criteria established by LADOT.

Criteria for Determination of Significant Traffic Impact

Table 4 presents a summary of established threshold criteria used to determine whether the proposed project would have a significant traffic impact at a study intersection. The application of the criteria was dependant on the city with jurisdiction over the study intersection. Some study intersections had shared jurisdiction of more than one city.

PROJECT IMPACTS AND CONCLUSION

Table 5 shows, using the criteria for determination of significant impacts, the proposed project would not create significant traffic impacts at any of the study intersections during the morning or the evening peak hours under the two additional site alternatives studied. Therefore, no mitigation measures would be required.

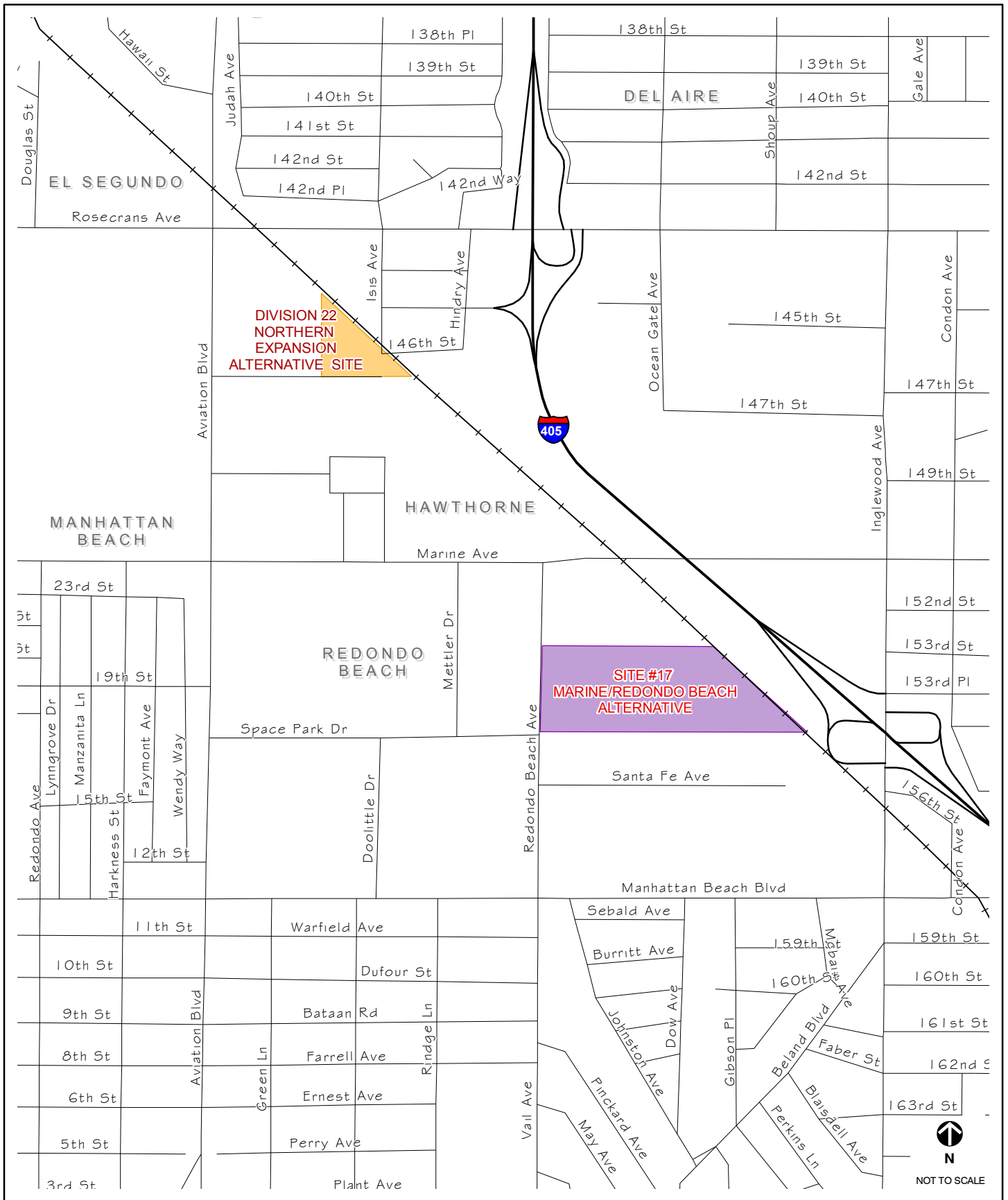
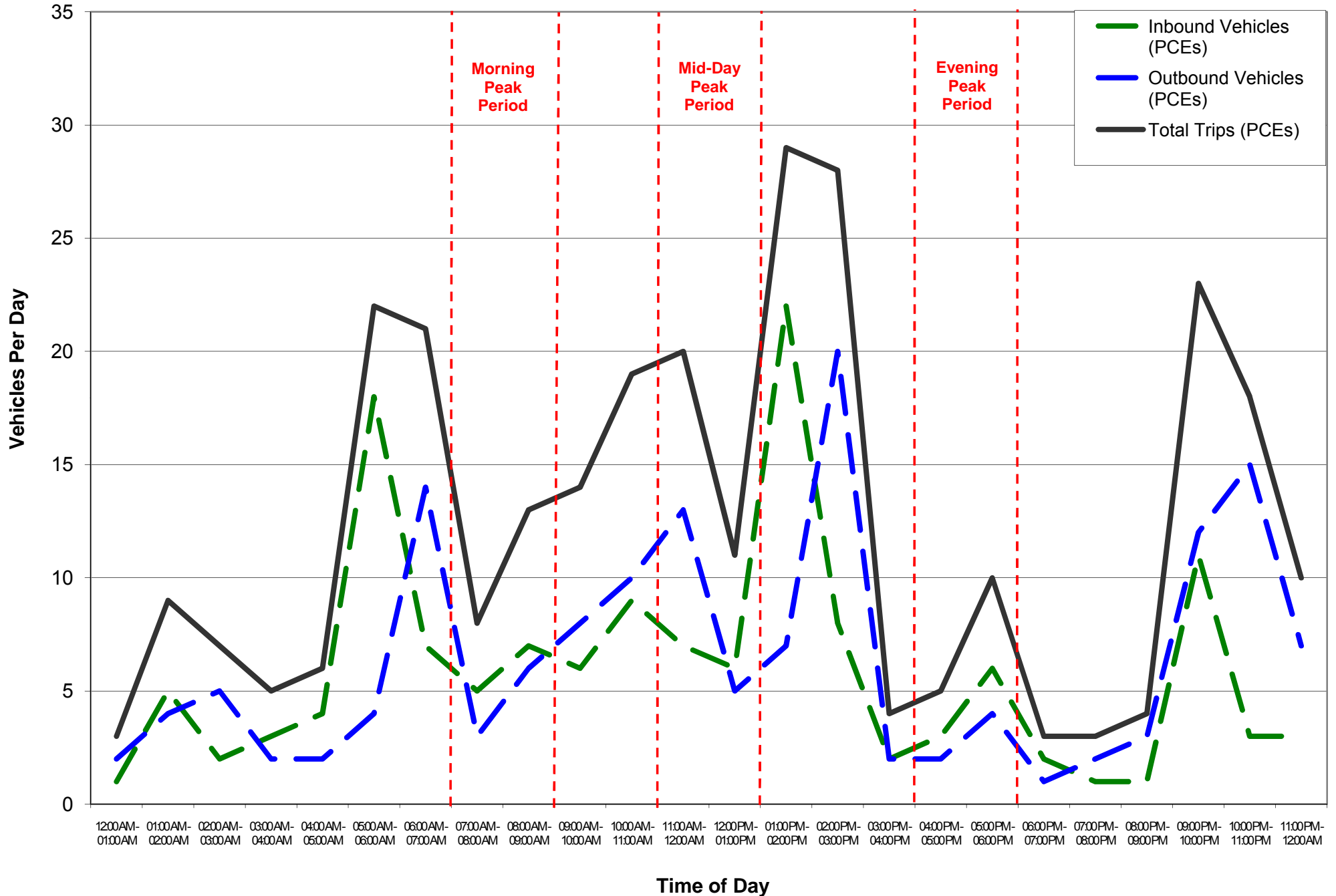
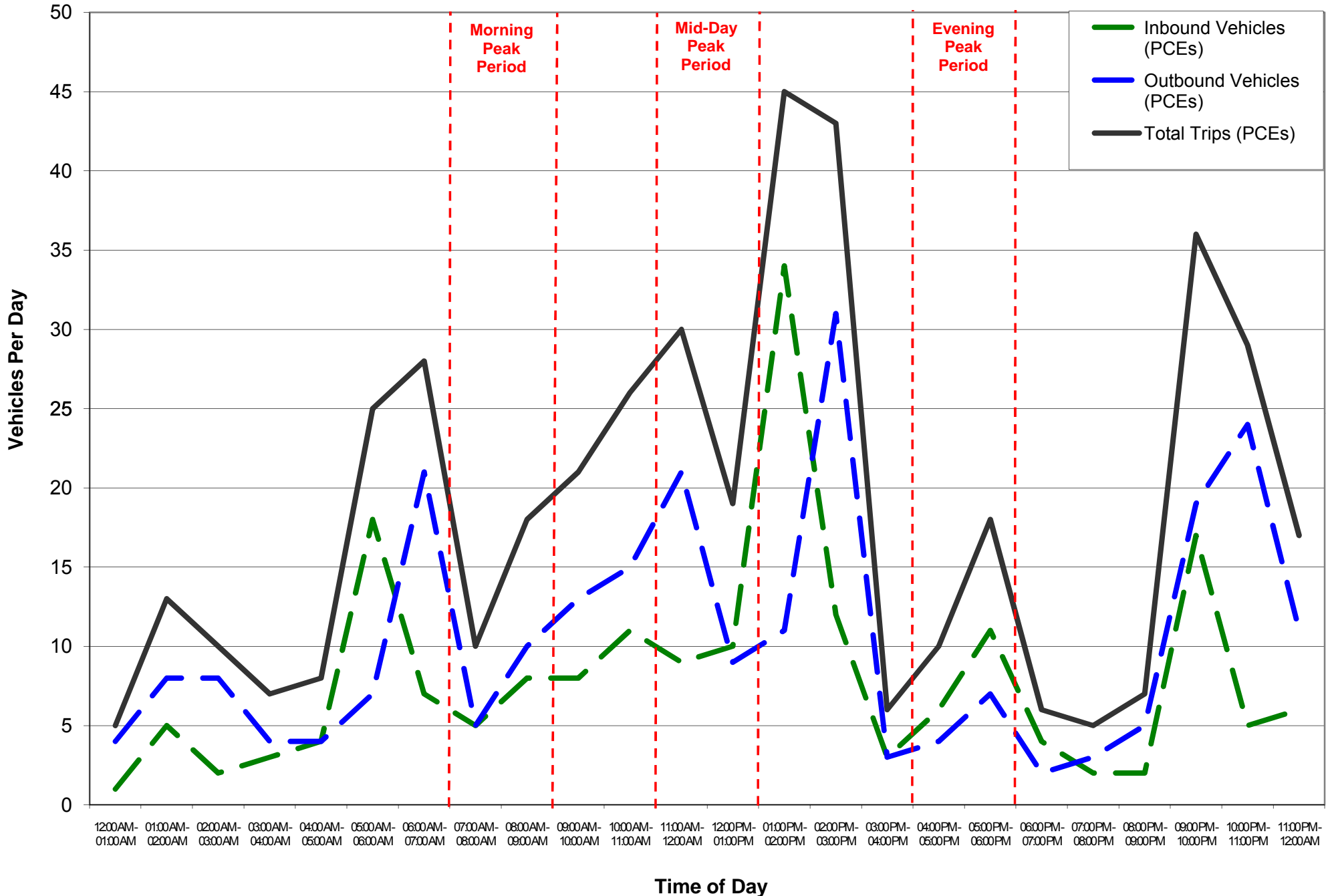


FIGURE 2
MTA DIVISION 22 TRAFFIC COUNT DATA



Traffic count conducted on Thursday June 10 2010 at MTA Division 22 Metro Green Line O & M Facility located at 14724 Aviation Blvd Hawthorne, CA
PCEs - Passenger Car Equivalent

FIGURE 3
CRENSHAW/LAX TRANSIT CORRIDOR LRT MAINTAINANCE FACILITY TRIP GENERATION PROJECTION



Traffic projections based on Traffic counts collected at MTA Division 22 Metro Green Line O & M Facility located at 14724 Aviation Blvd, Hawthorne, CA
PCEs - Passenger Car Equivalent

TABLE 1

EXISTING CONDITIONS			
Intersection	Peak	V/C	LOS
Site #17 – Marine/Redondo Beach Alternative			
1. Aviation Blvd/Marine Ave [1][3][4]	AM	0.879	D
	PM	0.890	D
2. Redondo Beach Ave/Marine Ave [3]	AM	0.532	A
	PM	0.820	D
3. Inglewood Ave/Marine Ave [2][3]	AM	0.872	D
	PM	0.867	D
4. Inglewood Ave/I-405 NB Ramps [2][3]	AM	0.722	C
	PM	0.748	C
5. Inglewood Ave/I-405 SB Ramps [3]	AM	0.748	C
	PM	0.850	D
6. Redondo Beach Ave/Manhattan Beach Blvd [3]	AM	0.914	E
	PM	0.836	D
7. Aviation Blvd/Manhattan Beach Blvd [3][4]	AM	0.866	D
	PM	1.073	F
Division 22 Northern Expansion Alternative			
1. Aviation Blvd/Marine Ave [1][3][4]	AM	0.879	D
	PM	0.890	D
2. Redondo Beach Ave/Marine Ave [3]	AM	0.532	A
	PM	0.820	D
3. Rosecrans Ave/Aviation Blvd [1][4][5]	AM	0.750	C
	PM	1.011	F
4. Rosecrans Ave/I-405 NB Ramps [1]	AM	0.774	C
	PM	0.848	D

Note: Intersection Capacity Utilization (ICU) methodology was used to calculate level of service for the above intersection.

[1] - Intersection is under City of Hawthorne jurisdiction

[2]- Intersection is under City of Lawndale jurisdiction

[3]- Intersection is under City of Redondo Beach jurisdiction

[4]- Intersection is under City of Manhattan Beach jurisdiction

[5]- Intersection is under City of El Segundo jurisdiction

Please note that some of the above intersection may have shared jurisdiction

**TABLE 2
TRAFFIC DATA FROM MTA DIVISION 22 SURVEY**

Traffic counts data by Each Hour of the Day

Time Period	Inbound (PCEs) [1]	Outbound (PCEs) [1]	Total (PCEs) [1]
12:00 AM - 01:00 AM	1	2	3
01:00 AM - 02:00 AM	5	4	9
02:00 AM - 03:00 AM	2	5	7
03:00 AM - 04:00 AM	3	2	5
04:00 AM - 05:00 AM	4	2	6
05:00 AM - 06:00 AM	18	4	22
06:00 AM - 07:00 AM	7	14	21
07:00 AM - 08:00 AM	5	3	8
08:00 AM - 09:00 AM	7	6	13
09:00 AM - 10:00 AM	6	8	14
10:00 AM - 11:00 AM	9	10	19
11:00 AM - 12:00 PM	7	13	20
12:00 PM - 01:00 PM	6	5	11
01:00 PM - 02:00 PM	22	7	29
02:00 PM - 03:00 PM	8	20	28
03:00 PM - 04:00 PM	2	2	4
04:00 PM - 05:00 PM	3	2	5
05:00 PM - 06:00 PM	6	4	10
06:00 PM - 07:00 PM	2	1	3
07:00 PM - 08:00 PM	1	2	3
08:00 PM - 09:00 PM	1	3	4
09:00 PM - 10:00 PM	11	12	23
10:00 PM - 11:00 PM	3	15	18
11:00 PM - 12:00 AM	3	7	10
TOTAL	142	153	295

Morning Peak Period	7:00 - 8:00	7:15 - 8:15	7:30 - 8:30	7:45-8:45	8:00 - 9:00
Trips (PCEs) [1]	8	9	8	11	13

Evening Peak Period	4:00 - 5:00	4:15 - 5:15	4:30 - 5:30	4:45 - 5:45	5:00 - 6:00
Trips (PCEs) [1]	5	6	10	11	10

	Inbound	Outbound	Total
Morning Peak Hour Trips (PCEs)	7	6	13
Evening Peak Hour Trips (PCEs)	6	5	11

Note:

Source: 24-hour classified video counts were conducted on Thursday June 10, 2010 at Metro Division 22 Green Line LRT Maintenance Facility located at 14724 Aviation Boulevard, Hawthorne, California.

[1] - A Passenger Car Equivalent (PCE) factor of 2.0 was applied to truck count

**TABLE 3
PROPOSED CRENSHAW O & M FACILITY TRIP GENERATION PROJECTIONS**

Traffic Projection by Each Hour of the Day [2]

Time Period	Inbound (PCEs) [1]	Outbound (PCEs) [1]	Total (PCEs) [1]
12:00 AM - 01:00 AM	1	4	5
01:00 AM - 02:00 AM	5	8	13
02:00 AM - 03:00 AM	2	8	10
03:00 AM - 04:00 AM	3	4	7
04:00 AM - 05:00 AM	4	4	8
05:00 AM - 06:00 AM	18	7	25
06:00 AM - 07:00 AM	7	21	28
07:00 AM - 08:00 AM	5	5	10
08:00 AM - 09:00 AM	8	10	18
09:00 AM - 10:00 AM	8	13	21
10:00 AM - 11:00 AM	11	15	26
11:00 AM - 12:00 AM	9	21	30
12:00 PM - 01:00 PM	10	9	19
01:00 PM - 02:00 PM	34	11	45
02:00 PM - 03:00 PM	12	31	43
03:00 PM - 04:00 PM	3	3	6
04:00 PM - 05:00 PM	6	4	10
05:00 PM - 06:00 PM	11	7	18
06:00 PM - 07:00 PM	4	2	6
07:00 PM - 08:00 PM	2	3	5
08:00 PM - 09:00 PM	2	5	7
09:00 PM - 10:00 PM	17	19	36
10:00 PM - 11:00 PM	5	24	29
11:00 PM - 12:00 AM	6	11	17
Total	193	249	442

Morning Peak Period	7:00 - 8:00	7:15 - 8:15	7:30 - 8:30	7:45-8:45	8:00 - 9:00
Trips (PCEs) [1]	10	12	11	15	18

Evening Peak Period	4:00 - 5:00	4:15 - 5:15	4:30 - 5:30	4:45 - 5:45	5:00 - 6:00
Trips (PCEs) [1]	10	11	18	20	18

	Inbound	Outbound	Total
Morning Peak Hour Trips (PCEs)	8	10	18
Evening Peak Hour Trips (PCEs)	11	9	20

Note:

[1] - A Passenger Car Equivalent (PCE) factor of 2.0 was applied to truck count

[2] - Metro Division 22 LRT Maintenance Facility currently serves 39-LRV fleet. AM and PM peak hour traffic was adjusted with a factor of 1.54 (60/39) to adjust for the 60 LRV service capacity that are proposed at the Crenshaw/LAX Transit Corridor LRT Maintenance Facility.

TABLE 4
Criteria for Determination of Significant Traffic Impact

LOS	V/C Ratio	Project Related Increase in V/C Ratio
<u>City of Hawthorne</u>		
C	>0.7000 < 0.800	Equal to or greater than 0.040
D	>0.8000 < 0.900	Equal to or greater than 0.020
E	>0.900 < 1.000	Equal to or greater than 0.010
F	>1.000	Equal to or greater than 0.010
<u>City of Lawndale [1]</u>		
C	>0.7000 < 0.800	Equal to or greater than 0.040
D	>0.8000 < 0.900	Equal to or greater than 0.020
E	>0.900 < 1.000	Equal to or greater than 0.010
F	>1.000	Equal to or greater than 0.010
<u>City Of Redondo Beach</u>		
C	>0.7000 < 0.800	Equal to or greater than 0.040
D	>0.8000 < 0.900	Equal to or greater than 0.020
E	>0.900 < 1.000	Equal to or greater than 0.010
F	>1.000	Equal to or greater than 0.010
<u>City Of Manhattan Beach</u>		
D	>0.8000 < 0.900	Equal to or greater than 0.020
E	>0.900 < 1.000	Equal to or greater than 0.010
F	>1.000	Equal to or greater than 0.010
<u>City Of El Segundo</u>		
E	>0.900 < 1.000	Equal to or greater than 0.020
F	>1.000	Equal to or greater than 0.020

[1] - For the purpose of this traffic impact analysis, Los Angeles County significant impact criteria was used

**TABLE 5
FUTURE LEVEL OF SERVICE AND SIGNIFICANT IMPACT ANALYSIS**

CUMULATIVE LEVEL OF SERVICE							
Intersection	Peak Hour	Without Project		With Project		Change in V/C	Significant Impact? [1]
		V/C or Delay	LOS	V/C or Delay	LOS		
Site #17 – Marine/Redondo Beach Alternative							
1. Aviation Blvd/Marine Ave [1][3][4]	AM	0.942	E	0.943	E	0.001	No
	PM	0.953	E	0.953	E	0.000	
2. Redondo Beach Ave/Marine Ave [3]	AM	0.567	A	0.569	A	0.002	No
	PM	0.879	D	0.883	D	0.004	
3. Inglewood Ave/Marine Ave [2][3]	AM	0.935	E	0.935	E	0.000	No
	PM	0.929	E	0.929	E	0.000	
4. Inglewood Ave/I-405 NB Ramps [2][3]	AM	0.772	C	0.773	C	0.001	No
	PM	0.800	C	0.801	D	0.001	
5. Inglewood Ave/I-405 SB Ramps [3]	AM	0.801	D	0.801	D	0.000	No
	PM	0.911	E	0.911	E	0.000	
6. Redondo Beach Ave/Manhattan Beach Blvd [3]	AM	0.980	E	0.983	E	0.003	No
	PM	0.895	D	0.896	D	0.001	
7. Aviation Blvd/Manhattan Beach Blvd [3][4]	AM	0.928	E	0.928	E	0.000	No
	PM	1.151	F	1.151	F	0.000	
Division 22 Northern Expansion Alternative							
1. Aviation Blvd/Marine Ave [1][3][4]	AM	0.942	E	0.943	E	0.001	No
	PM	0.953	E	0.953	E	0.000	
2. Redondo Beach Ave/Marine Ave [3]	AM	0.567	A	0.567	A	0.000	No
	PM	0.879	D	0.879	D	0.000	
3. Rosecrans Ave/Aviation Blvd [1][4][5]	AM	0.801	D	0.805	D	0.004	No
	PM	1.085	F	1.088	F	0.003	
4. Rosecrans Ave/I-405 NB Ramps [1]	AM	0.828	D	0.831	D	0.003	No
	PM	0.907	E	0.910	E	0.003	

Note: Intersection Capacity Utilization (ICU) methodology was used to calculate level of service for the above intersection.

[1] - Intersection is under City of Hawthorne jurisdiction

[2]- Intersection is under City of Lawndale jurisdiction

[3]- Intersection is under City of Redondo Beach jurisdiction

[4]- Intersection is under City of Manhattan Beach jurisdiction

[5]- Intersection is under City of El Segundo jurisdiction

Please note that some of the above intersection may have shared jurisdiction

ATTACHMENT A

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**ATTACHMENT A-1
EXISTING TRAFFIC VOLUMES**

Intersection	AM												PM											
	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
1 Aviation Blvd/Marine Ave	156	1,667	187	110	848	134	159	348	53	122	485	235	155	940	147	208	1,729	223	138	643	184	120	406	170
2 Redondo Beach Ave/Marine Ave	170	18	236	11	14	11	19	498	67	290	913	11	77	13	438	39	37	11	28	944	183	226	550	9
3 Inglewood Ave/Marine Ave	357	648	80	116	568	218	159	241	331	248	780	135	273	756	127	202	887	157	248	665	548	173	403	152
4 Inglewood Ave/I-405 NB Ramps	0	765	600	0	778	543	0	0	0	453	0	368	0	745	806	0	1,314	329	0	0	0	489	0	421
5 Inglewood Ave/I-405 SB Ramps	0	1,221	437	0	836	404	145	0	970	0	0	0	0	1,470	324	0	1,258	457	155	0	1,143	0	0	0
6 Redondo Beach Ave/Manhattan Beach Blvd	102	248	144	64	38	64	130	939	24	70	1,455	412	24	51	84	490	173	148	32	1,398	45	121	1,254	85
7 Aviation Blvd/Manhattan Beach Blvd	63	1,538	186	107	683	134	208	715	112	294	752	330	145	699	195	343	1,484	217	161	711	211	502	770	213
8 Aviation Blvd/Rosecrans Ave	202	1,240	428	83	567	441	168	557	64	617	1,287	435	207	630	492	346	1,656	723	346	1,678	196	471	1,008	168
9 Rosecrans Ave/I-405 NB Ramps	661	0	92	0	0	0	0	588	666	0	857	607	529	0	240	0	0	0	0	1,469	865	0	786	465

Source: Fehr & Peers, 2010

**ATTACHMENT A-2
CUMULATIVE BASE (2018) TRAFFIC VOLUMES**

Intersection	AM												PM											
	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
1 Aviation Blvd/Marine Ave	168	1,800	202	119	916	145	172	376	57	132	524	254	167	1,015	159	225	1,867	241	149	694	199	130	438	184
2 Redondo Beach Ave/Marine Ave	184	19	255	12	15	12	21	538	72	313	986	12	83	14	473	42	40	12	30	1,020	198	244	594	10
3 Inglewood Ave/Marine Ave	386	700	86	125	613	235	172	260	357	268	842	146	295	816	137	218	958	170	268	718	592	187	435	164
4 Inglewood Ave/I-405 NB Ramps	0	826	648	0	840	586	0	0	0	489	0	397	0	805	870	0	1,419	355	0	0	0	528	0	455
5 Inglewood Ave/I-405 SB Ramps	0	1,319	472	0	903	436	157	0	1,048	0	0	0	0	1,588	350	0	1,359	494	167	0	1,234	0	0	0
6 Redondo Beach Ave/Manhattan Beach Blvd	110	268	156	69	41	69	140	1,014	26	76	1,571	445	26	55	91	529	187	160	35	1,510	49	131	1,354	92
7 Aviation Blvd/Manhattan Beach Blvd	68	1,661	201	116	738	145	225	772	121	318	812	356	157	755	211	370	1,603	234	174	768	228	542	832	230
8 Rosecrans/Aviation	218	1,339	462	90	612	476	181	602	69	666	1,390	470	224	680	531	374	1,788	781	374	1,812	212	509	1,089	181
9 Rosecrans/I-405 NB Ramps	714	0	99	0	0	0	0	635	719	0	926	656	571	0	259	0	0	0	0	1,587	934	0	849	502

Source: Fehr & Peers, 2010

**ATTACHMENT A-3
ASSIGNED PROJECT TRIPS - SITE 17**

Intersection	AM												PM											
	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
1 Aviation Blvd/Marine Ave	*	*	*	1	*	*	*	*	*	*	*	1	*	*	*	1	*	*	*	*	*	*	*	1
2 Redondo Beach Ave/Marine Ave	1	*	5	*	*	*	*	*	1	4	*	*	1	*	4	*	*	*	*	*	1	5	*	*
3 Inglewood Ave/Marine Ave	*	*	*	*	*	*	1	1	*	*	1	*	*	*	*	*	*	1	*	1	*	*	1	*
4 Inglewood Ave/I-405 NB Ramps	*	*	2	*	*	1	*	*	*	1	*	2	*	*	2	*	*	1	*	*	*	1	*	2
5 Inglewood Ave/I-405 SB Ramps	*	*	1	*	*	2	1	*	2	*	*	*	*	*	1	*	*	2	1	*	2	*	*	*
6 Redondo Beach Ave/Manhattan Beach Blvd	*	*	*	4	*	1	*	*	*	*	*	3	*	*	*	4	*	*	1	*	*	*	*	4
7 Aviation Blvd/Manhattan Beach Blvd	*	*	*	*	*	*	*	*	*	*	1	*	*	*	*	*	*	*	*	1	*	*	*	*

Note: Asterisk (*) identifies turning movements with negligible amounts of project traffic

Source: Fehr & Peers, 2010

**ATTACHMENT A-4
ASSIGNED PROJECT TRIPS - DIV 22**

Intersection	AM												PM											
	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
1 Aviation Blvd/Marine Ave	*	*	*	1	1	1	*	*	*	*	*	*	*	1	*	*	*	*	1	*	*	*	*	1
2 Redondo Beach Ave/Marine Ave	*	*	*	*	*	*	*	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1	*
3 Rosecrans/Aviation	1	1	7	*	*	*	*	*	1	6	*	*	1	*	6	*	1	*	*	*	1	8	*	*
4 Rosecrans/I-405 NB Ramps	2	*	*	*	*	*	*	1	3	*	1	*	3	*	*	*	*	*	*	1	3	*	1	*

Note: Asterisk (*) identifies turning movements with negligible amounts of project traffic

Source: Fehr & Peers, 2010

**ATTACHMENT A-5
CUMULATIVE PLUS PROJECT TRAFFIC VOLUMES (SITE 17)**

Intersection	AM												PM											
	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
1 Aviation Blvd/Marine Ave	168	1,800	202	120	916	145	172	376	57	132	524	255	167	1,015	159	226	1,867	241	149	694	199	130	438	185
2 Redondo Beach Ave/Marine Ave	185	19	260	12	15	12	21	538	73	317	986	12	84	14	477	42	40	12	30	1,020	199	249	594	10
3 Inglewood Ave/Marine Ave	386	700	86	125	613	235	173	261	357	268	843	146	295	816	137	218	958	171	268	719	592	187	436	164
4 Inglewood Ave/I-405 NB Ramps	0	826	650	0	840	587	0	0	0	490	0	399	0	805	872	0	1,419	356	0	0	0	529	0	457
5 Inglewood Ave/I-405 SB Ramps	0	1,319	473	0	903	438	158	0	1,050	0	0	0	0	1,588	351	0	1,359	496	168	0	1,236	0	0	0
6 Redondo Beach Ave/Manhattan Beach Blvd	110	268	156	73	41	70	140	1,014	26	76	1,571	448	26	55	91	533	187	160	36	1,510	49	131	1,354	96
7 Aviation Blvd/Manhattan Beach Blvd	68	1,661	201	116	738	145	225	772	121	318	813	356	157	755	211	370	1,603	234	174	769	228	542	832	230

Source: Fehr & Peers, 2010

**ATTACHMENT A-6
CUMULATIVE PLUS PROJECT TRAFFIC VOLUMES (DIV 22)**

Intersection	AM												PM											
	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
1 Aviation Blvd/Marine Ave	168	1,800	202	120	917	146	172	376	57	132	524	254	167	1,016	159	225	1,867	241	150	694	199	130	438	185
2 Redondo Beach Ave/Marine Ave	184	19	255	12	15	12	21	539	72	313	986	12	83	14	473	42	40	12	30	1,020	198	244	595	10
3 Rosecrans/Aviation	387	701	93	125	613	235	172	260	358	274	842	146	296	816	143	218	959	170	268	718	593	195	435	164
4 Rosecrans/I-405 NB Ramps	2	826	648	0	840	586	0	1	3	489	1	397	3	805	870	0	1,419	355	0	1	3	528	1	455

Source: Fehr & Peers, 2010

To: Mr. Mike Sullivan
July 1, 2010
Page 2



Figure 1 shows locations of the four candidate sites. Following is a brief description of these sites:

- Site 5: Manchester/Portal – Manchester/Portal is a 28.4-acre site in the City of Los Angeles containing primarily industrial uses that include Merle Norman Cosmetics, an Enterprise Rent-A-Car facility, an LAX professional office building, and the Gateway Shopping Center along Manchester Avenue. Rail access to the site is proposed via an at-grade connection at the southern end. Vehicular access to the site is proposed to be provided from three driveways along northbound Bellanca Avenue. Figure 2 shows the proposed site plan for Site 5. As shown in Figure 2, a total of 126 parking spaces are proposed on this site.
- Site 11: Imperial/Aviation – Imperial/Aviation is a 29.8-acre vacant site in the City of Los Angeles owned by the Los Angeles World Airports. A large portion of the site is below ground level. Rail access to the site is proposed via an underground connection across Aviation Boulevard and under 111th Street into the site. Vehicular access to the site is provided via driveways along 111th Street. Figure 3 shows the proposed site plan for Site 11. As shown in Figure 3, a total of 126 parking spaces are proposed on this site.
- Site 14: Arbor Vitae/Bellanca – Arbor Vitae/Bellanca is a 30.5-acre site in the City of Los Angeles containing primarily industrial uses, which include Neutrogena Corporation and Dollar Rent-A-Car facility. Rail access to the site would be an at-grade connection on the southeast portion along an existing Harbor Subdivision spur. Vehicular access to the site is proposed from driveways along eastbound Arbor Vitae Street. Figure 4 shows the proposed site plan for Site 14. As shown in Figure 4, a total of 123 parking spaces are proposed on this site.
- Site 15: Manchester/Aviation – Manchester/Aviation is a 24.7-acre site in the City of Inglewood containing primarily industrial uses, which include a National/Alamo Rent-A-Car facility and Crimson Technical College. Rail access is proposed at the southern end along Portal Avenue and would require an aerial crossing at Manchester Avenue over the existing Harbor Subdivision tracks. Vehicular access is proposed from a driveway along southbound Aviation Boulevard. Figure 113 shows the proposed site plan for Site 15.

STUDY SCOPE

This study evaluates the potential for project-generated traffic impacts on the street system surrounding the project site. The site access plan was evaluated to ensure it is adequate to accommodate anticipated flows. Peak hour traffic impacts for the project were evaluated for the peak hours during typical weekday morning (7:00 to 9:00 AM) and afternoon (4:00 to 6:00 PM) peak periods. The following traffic scenarios were analyzed in the study:

- Existing Conditions – The analysis of existing AM and PM weekday peak hour traffic conditions provides a basis for the assessment of future traffic conditions. The existing conditions analysis includes a description of key area streets and highways, traffic volumes, and current intersection and roadway operating conditions.
- Cumulative Base (Year 2018) Conditions – This scenario projects the future traffic growth and intersection operating conditions that could be expected from regional growth and known related projects in the vicinity of the project site. These analyses provide the baseline conditions against which project impacts are evaluated.

To: Mr. Mike Sullivan
July 1, 2010
Page 3



- Cumulative plus Project (Year 2018) Conditions – This analysis identifies the incremental impacts of the proposed project on future traffic operating conditions by adding the traffic expected to be generated by the proposed project to the cumulative base traffic forecasts.

Following is a list of study intersections identified in the vicinity of each of the four candidate project site alternatives under each of the three traffic scenarios described above:

Site 5: Manchester/Portal (Figure 6)

1. Manchester Avenue & Airport Boulevard
2. Arbor Vitae Street & Airport Boulevard
3. Manchester Avenue & Aviation Boulevard
4. Arbor Vitae Street & Aviation Boulevard

Site 11: Imperial/Aviation (Figure 7)

1. 111th Street & Aviation Boulevard
2. Imperial Highway & Aviation Boulevard
3. 111th Street & La Cienega Boulevard
4. Imperial Highway & La Cienega Boulevard
5. I-405 Southbound Ramps & La Cienega Boulevard
6. Imperial Highway & I-105 Eastbound On-/Westbound Off-Ramps

Site 14: Arbor Vitae/Bellanca (Figure 8)

1. Arbor Vitae Street & Airport Avenue
2. Century Boulevard & Airport Boulevard
3. Arbor Vitae Street & Aviation Boulevard
4. Century Boulevard & Aviation Boulevard

Site 15: Manchester/Aviation (Figure 9)

1. Manchester Avenue & Airport Boulevard
2. Arbor Vitae Street & Airport Boulevard
3. Manchester Avenue & Aviation Boulevard
4. Arbor Vitae Street & Aviation Boulevard

EXISTING TRAFFIC CONDITIONS

This section describes the peak hour traffic volumes, the methodology used to analyze the intersection operating conditions, and the resulting levels of service (LOS) for the selected study intersections under existing conditions.

Existing Traffic Volumes

Intersection vehicular turning movement count data for weekday morning and evening peak periods was obtained from previous traffic studies prepared for projects in the vicinity of the proposed sites and collected in Year 2008. A comparative analysis of historic traffic count data at key intersections indicated negligible to negative growth in traffic within the sub-region. Therefore, no growth adjustment was applied to traffic counts from Year 2008 to estimate Year 2010 traffic volumes. Attachment A contains the original traffic

To: Mr. Mike Sullivan
July 1, 2010
Page 4



count data. Figures 10 through 13 show existing weekday morning and evening peak hour traffic volumes at the study intersections for each of the four project site alternatives.

Level of Service Methodology

All of the study intersections under each of the four candidate sites analyses are controlled by traffic signals. In accordance with *Traffic Study Policies and Procedures* (LADOT, March 2002), this study is required to use the Critical Movement Analysis (CMA) method of intersection capacity calculation (*Transportation Research Circular No. 212*, Transportation Research Board, 1980) to analyze signalized intersections. The CMA operational method determines an intersections volume-to-capacity (V/C) ratio at intersections based on the amount of traffic traveling through the intersection, the travel lane geometries, and other factors affecting capacity such as on-street parking, bus operations near the intersection, and pedestrian volumes at the street crosswalks. These characteristics are used to evaluate the operation of each intersection, which is described generally in terms of LOS.

LOS categories range from excellent, nearly free-flow traffic at LOS A to overloaded, stop-and-go conditions at LOS F. The LOS definitions and the relationship between LOS and V/C ratio using CMA methodology are provided in Table 1. The LOS definitions and the ranges of control delay shown in Table 1 represent average conditions for all vehicles at an intersection across an entire hour. Delays longer than the average condition are experienced by motorists on certain movements and/or during peak times within the peak hour. LADOT has designated LOS D as the minimum acceptable LOS at arterial and collector street intersections.

A credit of 10% or 0.10 in the V/C ratio was applied to all the analyzed intersections since all study intersections are currently installed with LADOT's Automated Traffic Surveillance and Control (ATSAC) and the ATCS technology.

Existing Levels of Service

The results of the analysis of existing weekday morning and afternoon peak hour conditions at the study intersections are summarized in Table 2. Detailed LOS calculations are provided in Attachment B. As shown in the table, all but one study intersection currently operates at LOS D or better during analyzed time periods under the four candidate site analyses. Only one intersection is currently operating at LOS E or F during at least one of the analyzed peak hours:

- Manchester Avenue & Airport Boulevard analyzed under Sites 5 and 15 alternatives (LOS E in the in the PM peak hour)

FUTURE TRAFFIC CONDITIONS

To evaluate the potential impacts of the proposed project on the surrounding street system, it was necessary to develop estimates of future traffic conditions in the area both without and with the proposed project's traffic. First, estimates of traffic growth were developed for the study area to forecast future conditions without the project. These forecasts included traffic increases due to general regional ambient traffic growth. These projected traffic volumes, identified herein as the cumulative base conditions, represent the future study year conditions without the proposed project. The traffic generated by the proposed project was then estimated and assigned to the surrounding street system. The project traffic was added to the cumulative base to form the cumulative plus project traffic conditions, which were analyzed to determine the incremental traffic impacts attributable to the project itself.

Future (Year 2018) Base without Project Traffic Projections

The traffic volume growth reflected in the development of the future base without conditions takes into account the expected growth in traffic over existing conditions due to the effect of overall growth and development outside the study area. Based on historic trends and projected growth in the region over the next eight years, it was established that an ambient growth rate factor of 1% per year should be applied to adjust the existing base year traffic volumes to reflect the effects of regional growth and development by the Year 2018. An adjustment of 8% was applied to existing weekday peak hour traffic counts to reflect the effect of ambient growth by the Year 2012. The resulting future (Year 2018) base traffic volumes are shown in Figures 14 through 17 for each of the four project site alternatives.

Future (Year 2018) plus Project Traffic Projections

The traffic projections for the proposed project were developed using three steps: estimating the trip generation of the project, determining trip distribution, and assigning the project traffic to the roadway system.

Project Trip Generation

The trip generation estimates for the project were prepared using empirical data collected at an existing LRT maintenance facility, MTA Division 22 serving the Metro Green Line at 14724 Aviation Boulevard in Lawndale. Classified driveway traffic data were collected at this maintenance facility using a video camera for a 24-hour period. Data related to number of passenger cars and trucks going in and out of the site were collected on a typical weekday. This empirical data can be found in Attachment C. A passenger car equivalent (PCE) factor of 2.0 was used to convert truck trips in the PCEs for the purpose of trip generation estimates. The truck PCE trips were combined with the passenger car vehicles trips to arrive at total inbound/outbound daily trips. Figure 18 shows trips generated by MTA Division 22 by each hour of the day.

Using the above empirical data, weekday morning and evening peak hour trip generation of the survey facility were determined. As shown in Table 3, Division 22 currently generates a total of 13 trips in the morning peak hour (7 inbound/6 outbound) and 11 trips during the evening peak hours (6 inbound/5 outbound).

MTA Division 22 serves a total of 39 Light Rail Vehicles (LRVs). The proposed project is expected to serve a total of 60 LRVs. Trip generation for the proposed facility was estimated by applying to the MTA Division 22 trips a factor proportional to the size of the facility in terms of number of LRVs served. Thus, a factor of 1.54 was applied to Division 22 traffic count data including both passenger cars and trucks to calculate trip generation for the proposed Crenshaw/LAX Transit Corridor LRT maintenance facility.

After applying a PCE factor of 2.0 to convert truck trips into PCEs, as shown in Table 4, the proposed project is estimated to generate a total of 18 trips during the morning peak hour (8 inbound/10 outbound) and 20 trips during the evening peak hours (11 inbound/9 outbound) Figure 19 shows a chart of the proposed project trip projections.

Each of the four candidate sites, except for Site 11 (Imperial/Aviation) involve removal or relocation of existing properties currently operating at the sites. It is assumed these uses will most likely relocate within the same sub-region. Therefore, to be conservative, no trip credit was taken for existing uses as part of project trip generation estimates.

To: Mr. Mike Sullivan
July 1, 2010
Page 6



Project Traffic Distribution

The geographic distribution of trips generated by the project were dependant on location of residential areas from which the project will draw home-work trips; location of each of the four candidate sites with respect to access to regional freeway and roadway network; and level of accessibility of routes to and from the proposed candidate sites. On a sub-regional level, approximately 70% of the trips were estimated to use the freeways and 30% on the major roadways adjacent to the four analyzed sites.

Project Traffic Assignment

The traffic to be generated by the proposed project at each of the analyzed sites was assigned to the street network using the distribution described above. Figures 20 through 23 illustrate the assignment of proposed project-generated peak hour traffic volumes at the analyzed intersections under each of the four site alternatives.

The proposed project traffic volumes were added to future (Year 2018) base traffic projections, resulting in a future (Year 2018) plus project morning and evening peak hour traffic volumes. Figures 24 through 27 show the future plus project volumes at each of the study intersections under the four analyzed site alternatives.

Future Base and Future plus Project Levels of Service

Future (Year 2018) Base Levels of Service

The results of the analysis of future (Year 2018) base weekday morning and afternoon peak hour conditions at the study intersections are summarized in Table 5. Detailed LOS calculations are provided in Attachment B. As shown in the table, all but one study intersection are projected to operate at LOS D or better during analyzed time periods under the four candidate site analyses. Only one intersection is projected to operate at LOS E or F during at least one of the analyzed peak hours:

- Manchester Avenue & Airport Boulevard analyzed under Sites 5 and 15 alternatives (LOS F in the in the PM peak hour)

Future (Year 2018) plus Project Levels of Service

The results of the analysis of future (Year 2018) base plus project weekday morning and afternoon peak hour conditions at the study intersections are summarized in Table 5. Detailed LOS calculations are provided in Attachment B. As shown in the table, similar to the future base traffic conditions, all but one study intersection is projected to operate at LOS D or better during analyzed time periods under the four candidate site analyses. Only one intersection is expected to operate at LOS E or F during at least one of the analyzed peak hours:

- Manchester Avenue & Airport Boulevard analyzed under Sites 5 and 15 alternatives (LOS F in the in the PM peak hour)



INTERSECTION TRAFFIC IMPACT ANALYSIS

The traffic impact analysis compares the projected LOS at each study intersection under the cumulative base and cumulative plus project conditions to estimate the incremental increase in the V/C ratio caused by the proposed project. This provides the information needed to assess the potential impact of the project using significant criteria established by LADOT.

Criteria for Determination of Significant Traffic Impact

The City of Los Angeles' established threshold criteria were used to determine whether the proposed project would have a significant traffic impact at the study intersections. Under the City's guidelines, a project impact would be considered significant if the following conditions are met:

Intersection Conditions with Project Traffic		Project-related Increase in V/C Ratio
LOS	V/C Ratio	
C	> 0.700 – 0.800	Equal to or greater than 0.040
D	> 0.800 – 0.900	Equal to or greater than 0.020
E, F	> 0.900	Equal to or greater than 0.010

Project Impacts

Table 5 shows, using the criteria for determination of significant impacts, the proposed project would not create significant traffic impacts at any of the study intersections during the morning or the evening peak hours under any of the four analyzed site alternatives. Therefore, no mitigation measures would be required.

REGIONAL TRANSPORTATION SYSTEM ANALYSIS

This section presents the regional transportation system impact analysis for the proposed project. This analysis was conducted in accordance with the transportation impact analysis procedures outlined in *2004 Congestion Management Program for Los Angeles County (CMP)* (Metro, July 2004).

CMP Traffic Impact Analysis Criteria

The CMP guidelines require that the first issue addressed is the determination of the geographic scope of the study area. The criteria for determining the study area for CMP arterial monitoring intersections and for freeway monitoring locations are:

- All CMP arterial monitoring intersections where the proposed project will add 50 or more trips during either the AM or PM weekday peak hours of adjacent street traffic.
- All CMP mainline freeway monitoring locations where the proposed project will add 150 or more trips, in either direction, during either the AM or PM weekday peak hours.

The two CMP arterial monitoring intersections nearest to the project site are:

To: Mr. Mike Sullivan
July 1, 2010
Page 8



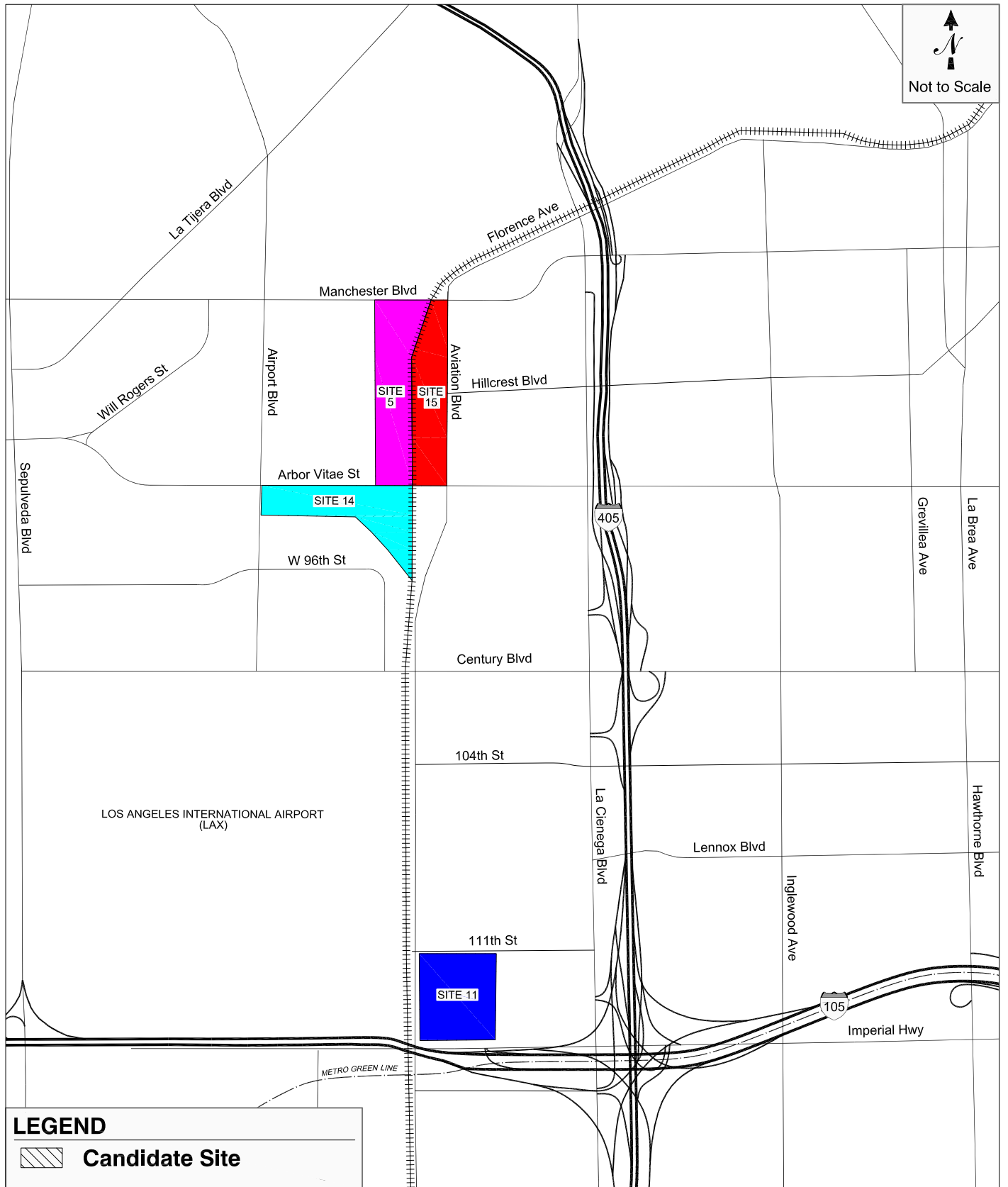
- Manchester Avenue & Sepulveda Boulevard (City of Los Angeles)
- Manchester Avenue & La Brea Boulevard (City of Inglewood)

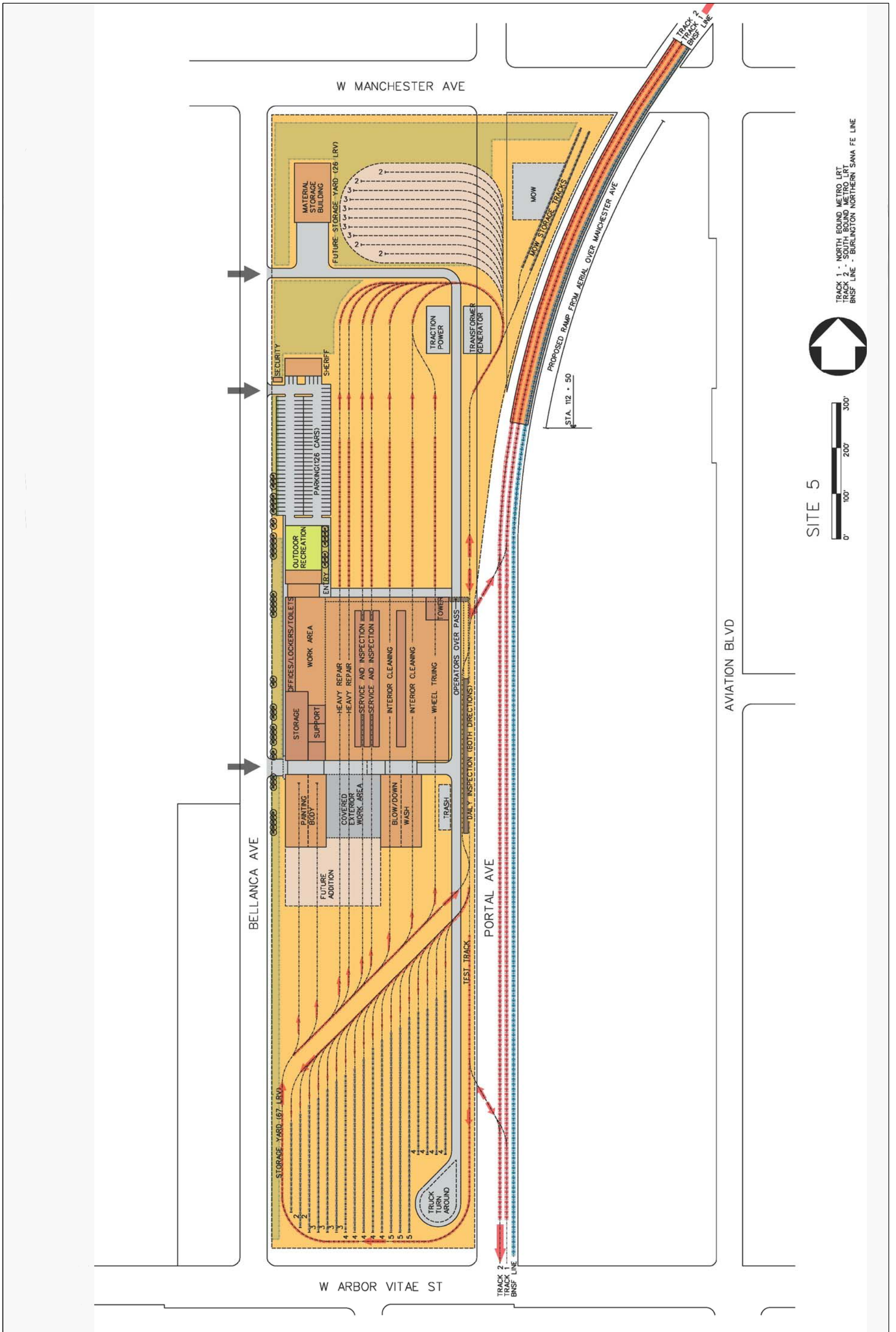
Based on the project trip generation estimates previously presented and a review of the project traffic volumes shown in Figures 24 - 27, the proposed project is not expected to add more than 50 net vehicles per hour (vph) at either of the two intersection during the AM or PM peak hours. As a result, no further CMP arterial monitoring analysis is required. Therefore, project impact on CMP arterial system is determined to be less than significant.

The mainline freeway monitoring locations nearest to the project site are:

- I-105 Freeway east of Sepulveda Boulevard
- I-405 Freeway north of La Tijera Boulevard

Based on the incremental project trip generation estimates and the project trip assignment, the proposed project would not add sufficient new traffic to exceed the freeway analysis criteria at these locations. Because incremental project-related traffic in any direction during either weekday peak hour is projected to be below the minimum criterion of 150 vph, no further CMP freeway analysis is required. Therefore, project impact on CMP freeway system is determined to be less than significant.

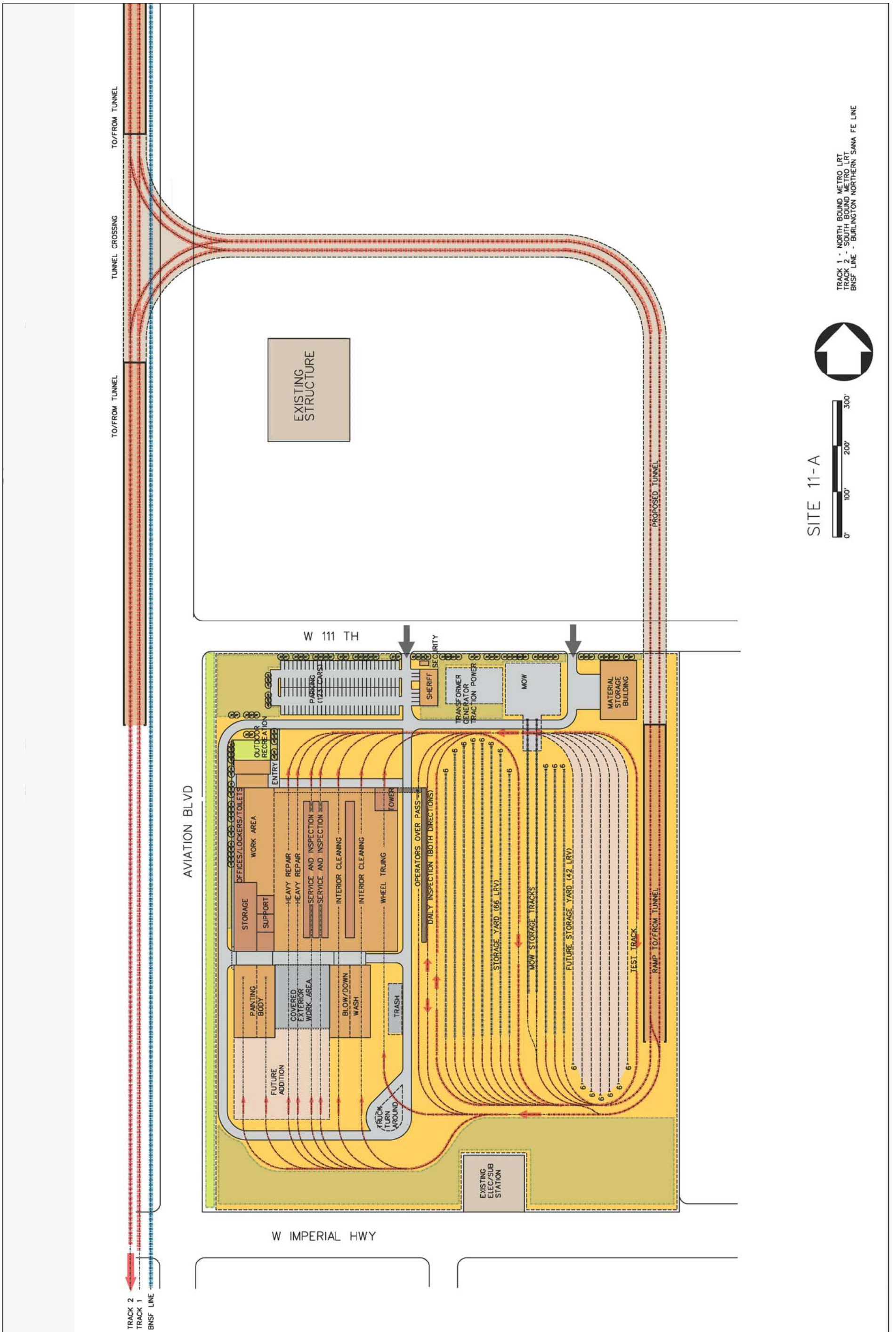




SITE 5



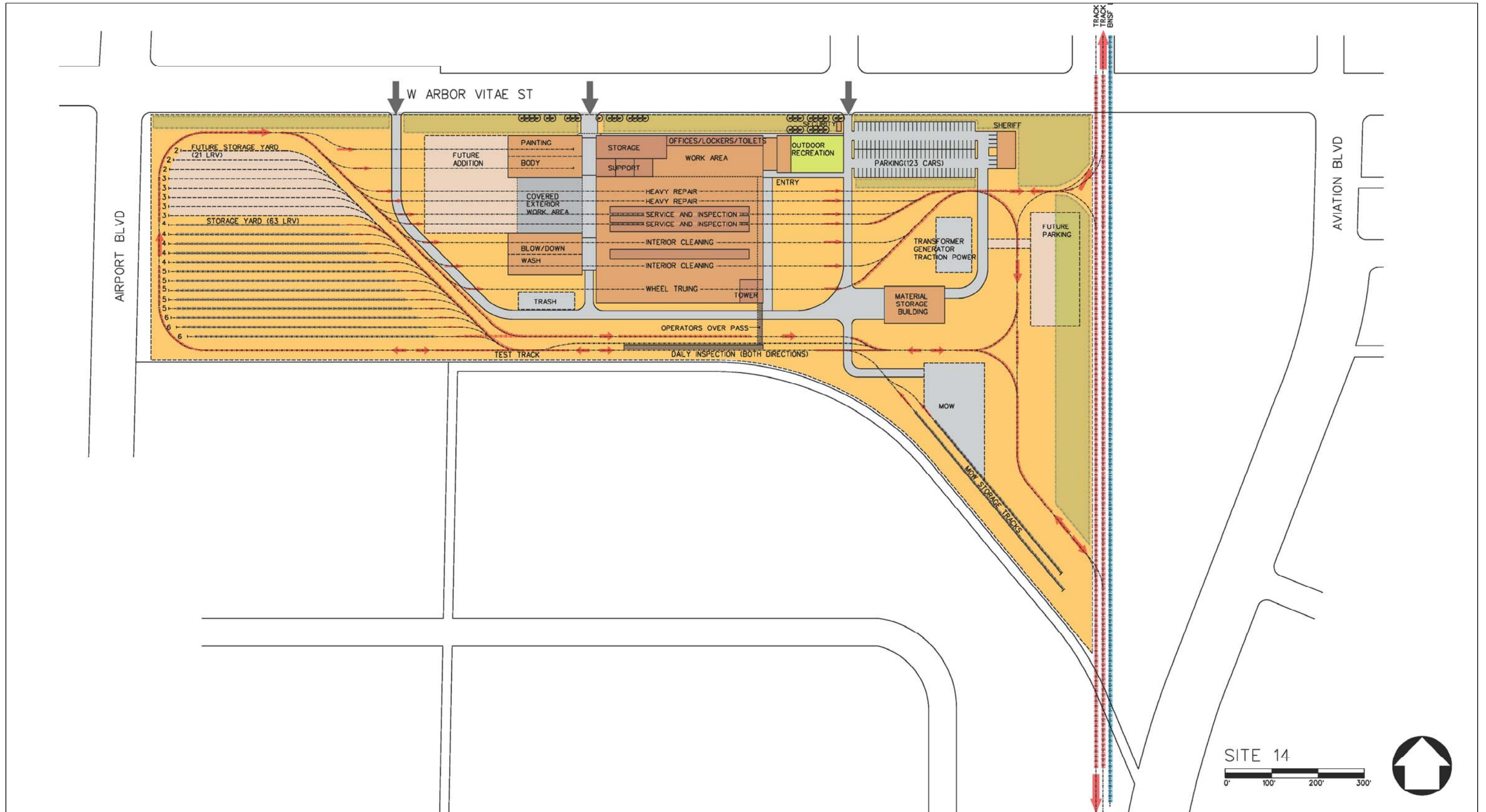
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 TRACK 2 - SOUTH BOUND METRO LRT
 BNSF LINE - BURLINGTON NORTHERN SANTA FE LINE

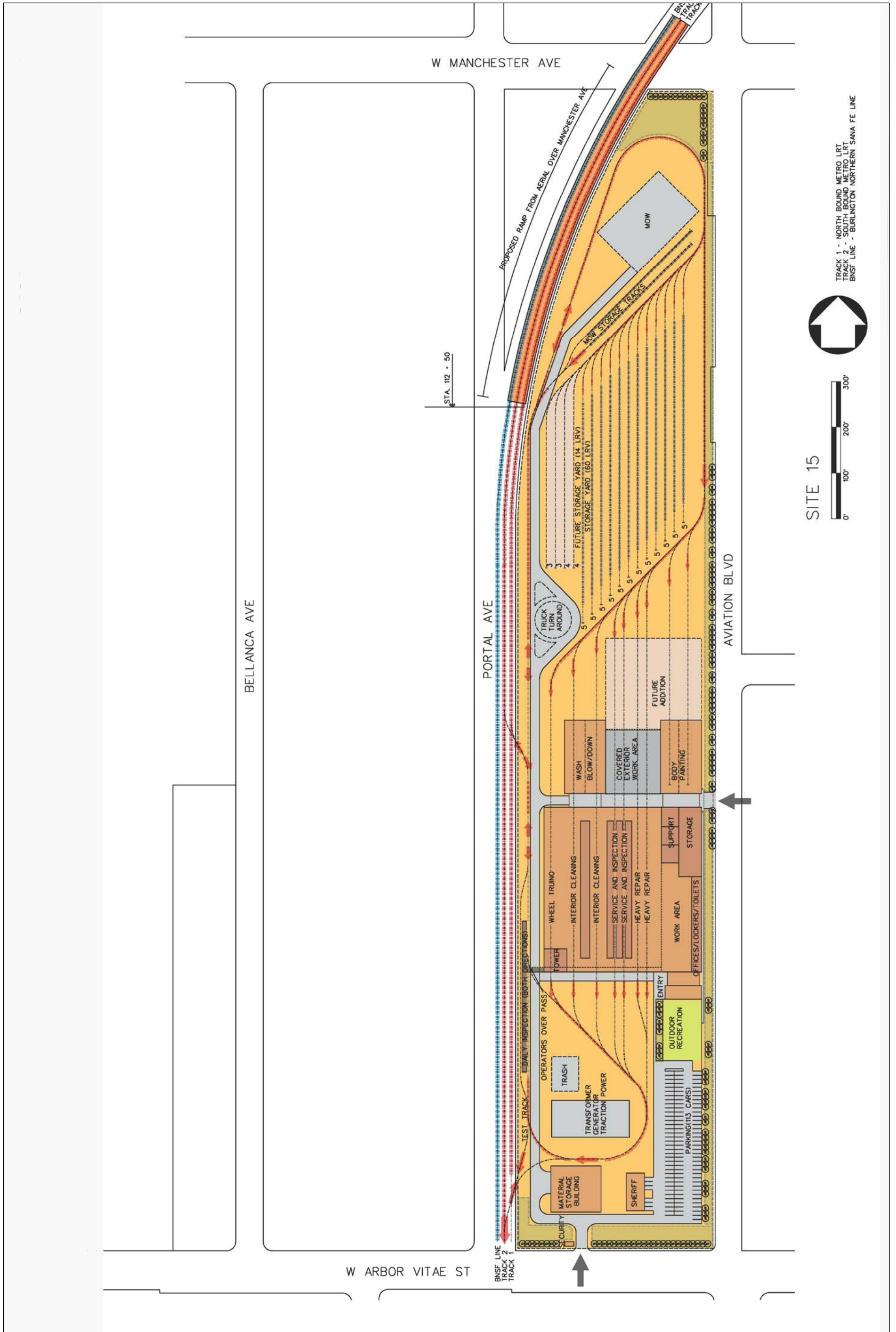


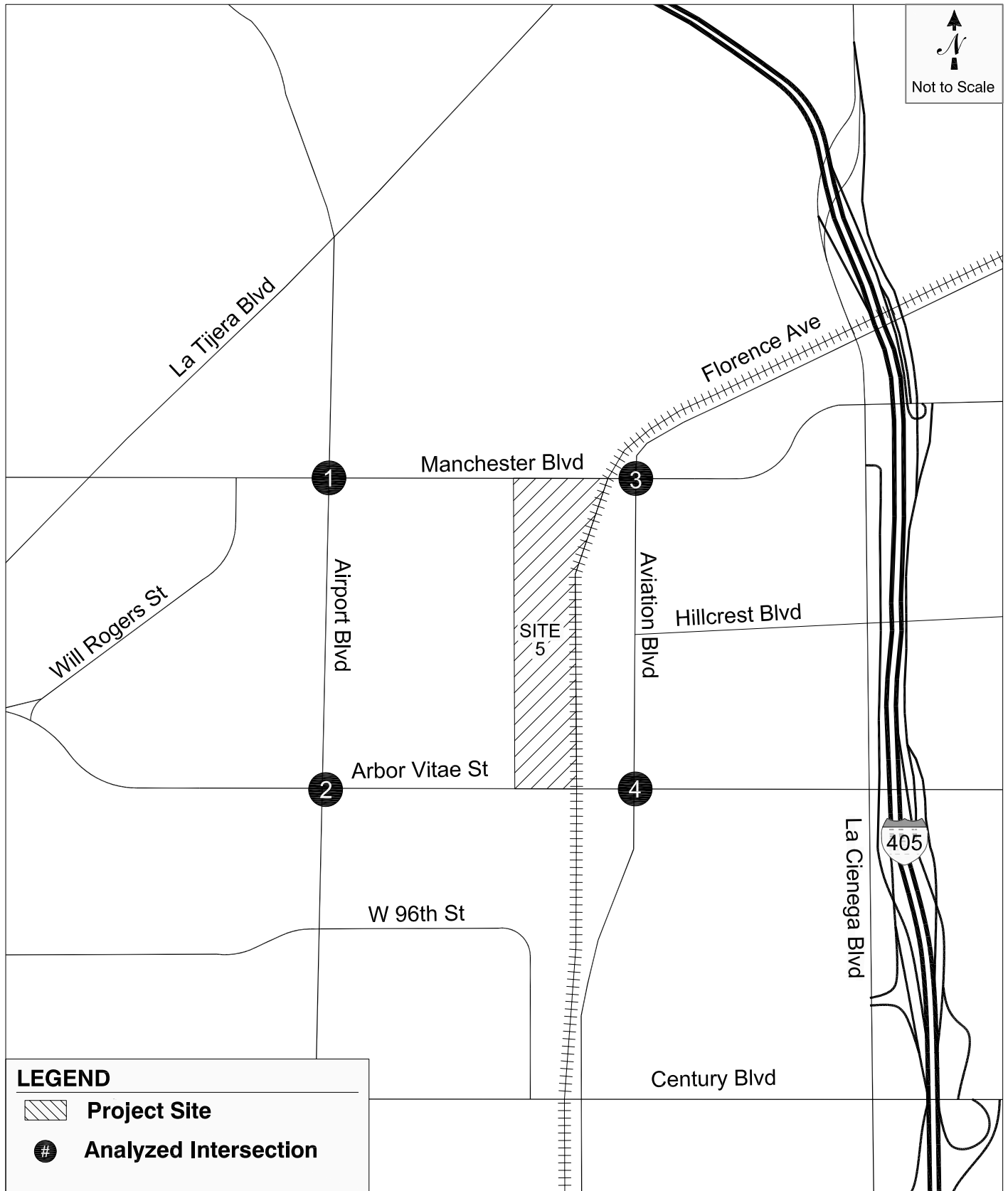
SITE 11-A

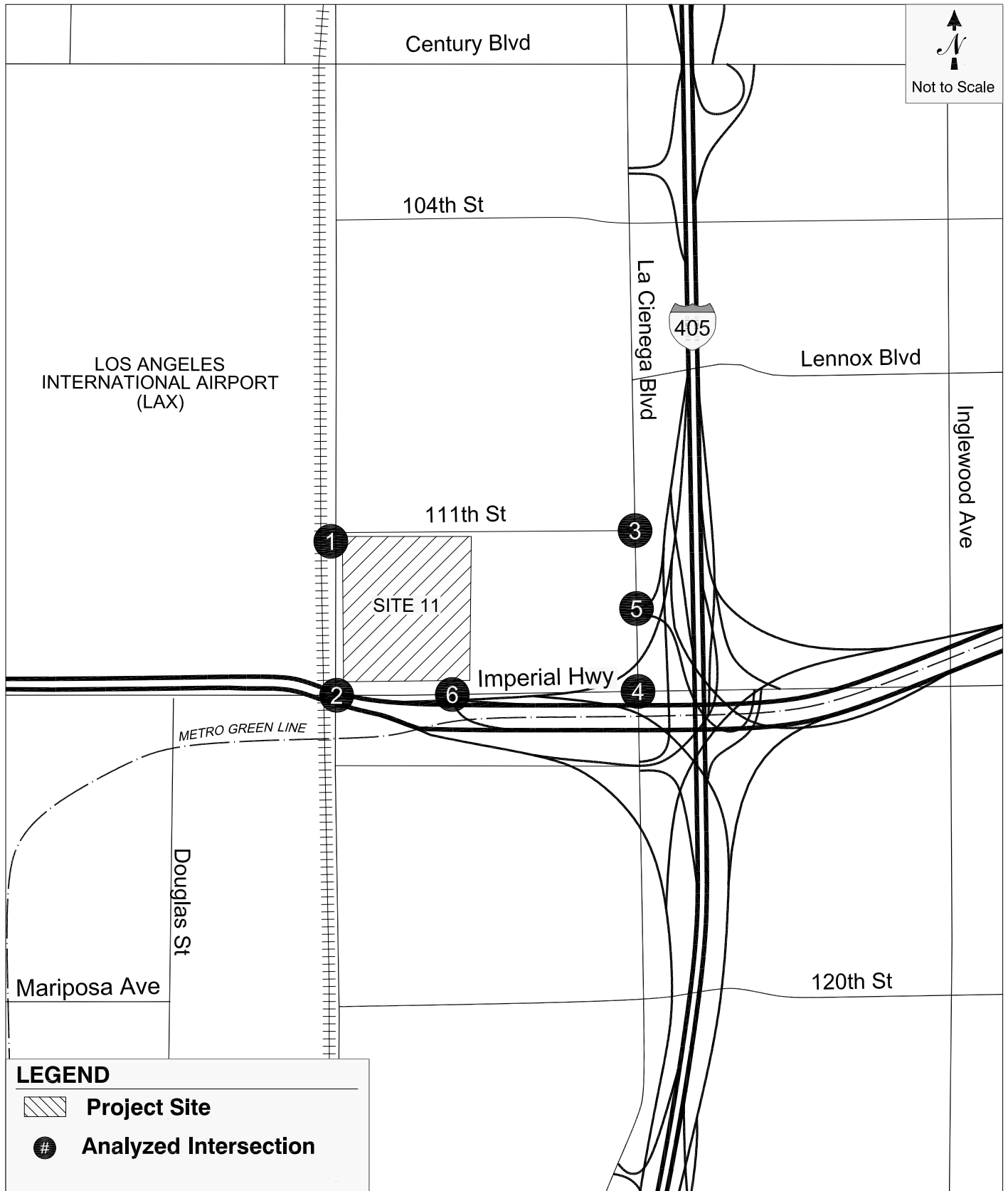


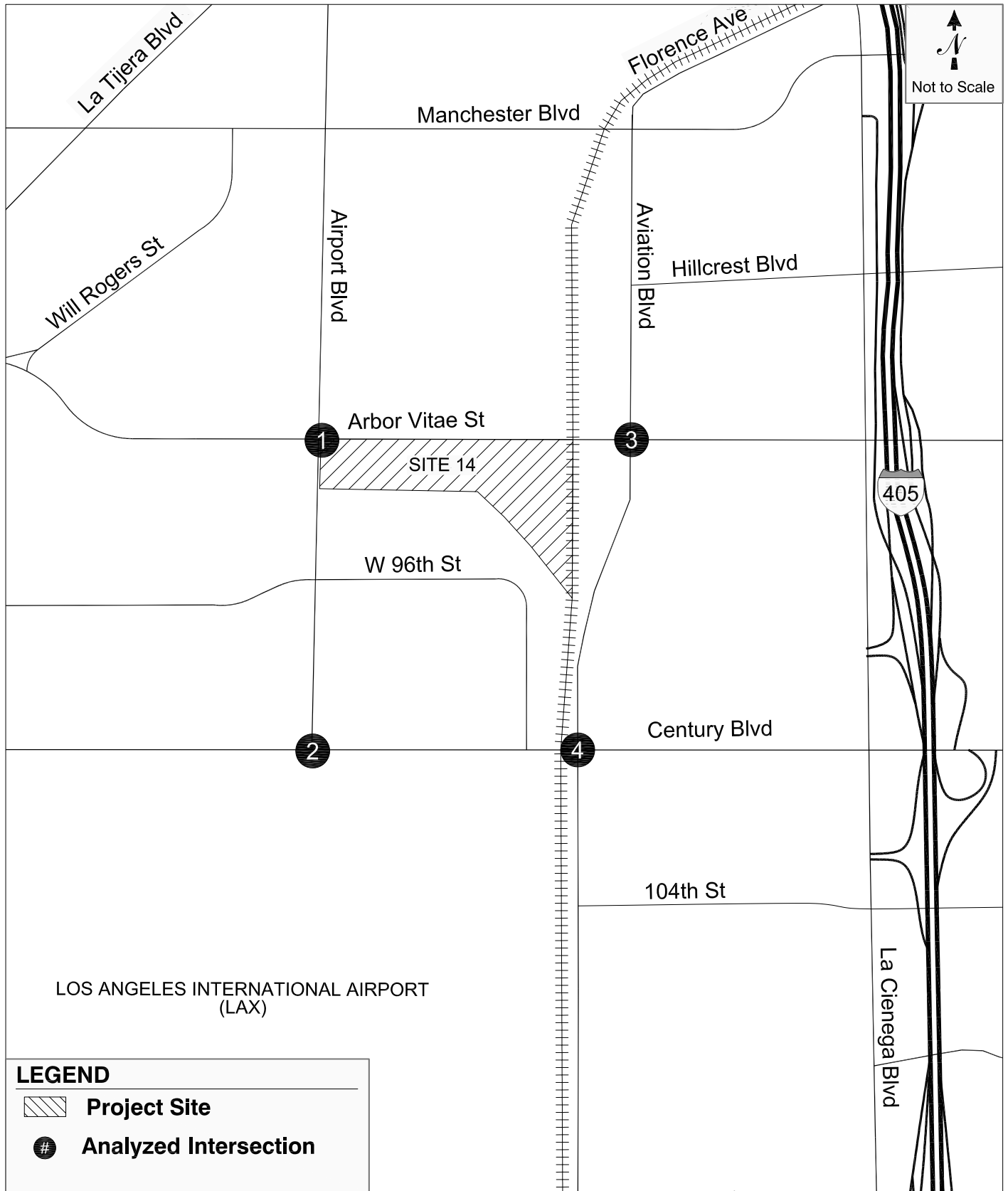
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TRACK 2 - SOUTH BOUND METRO LRT
BNSF LINE - BURLINGTON NORTHERN SANTA FE LINE

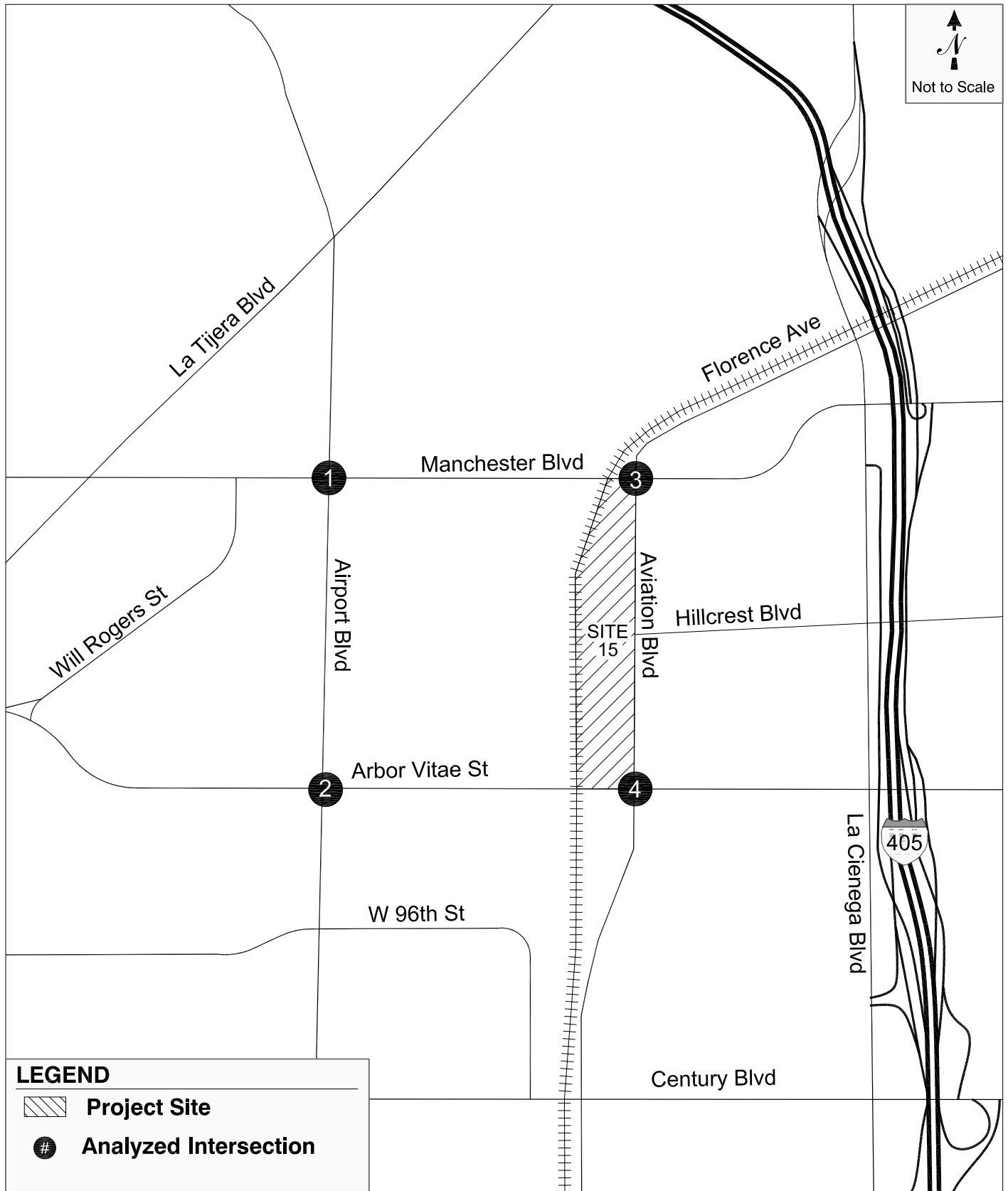




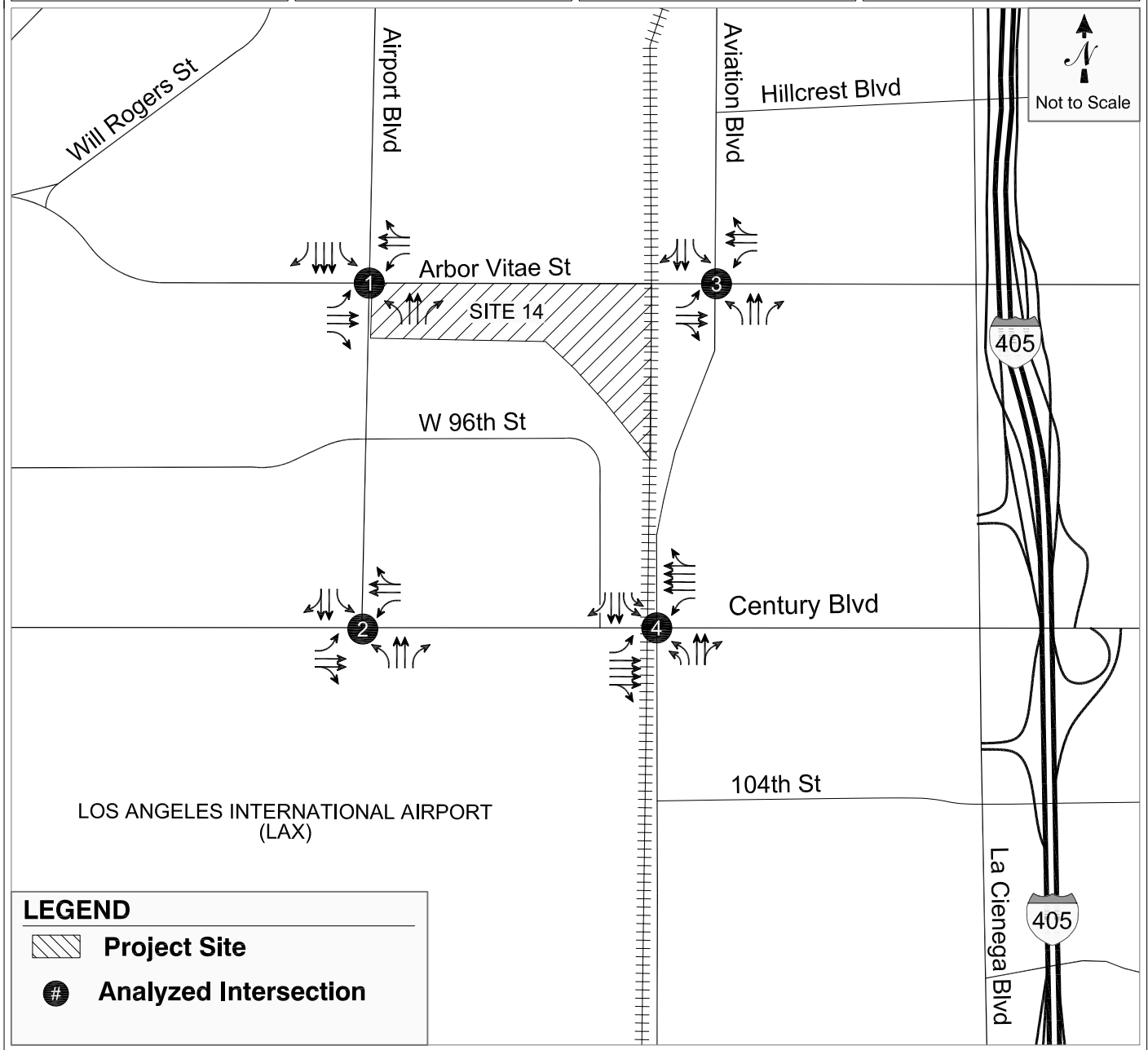




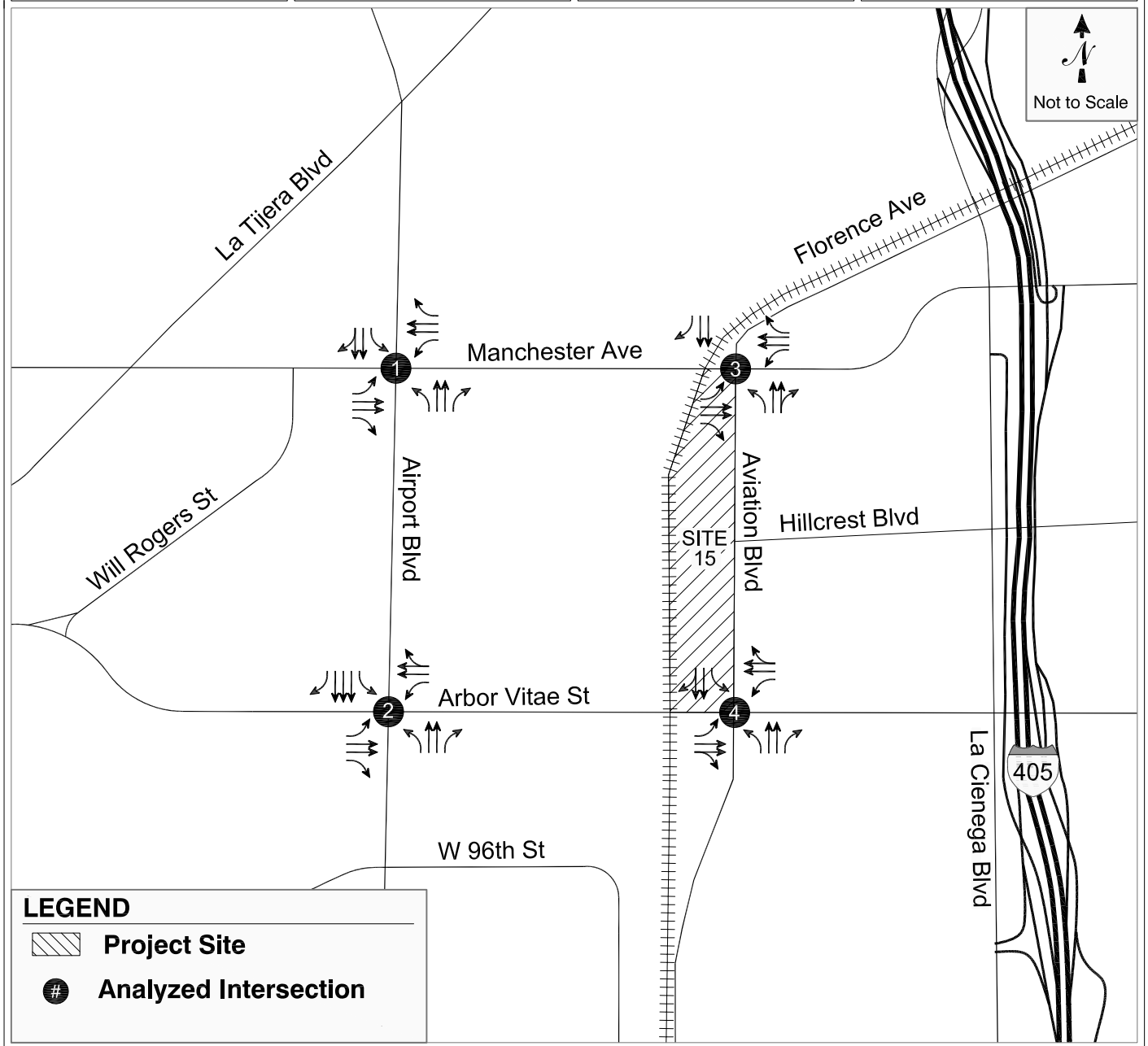




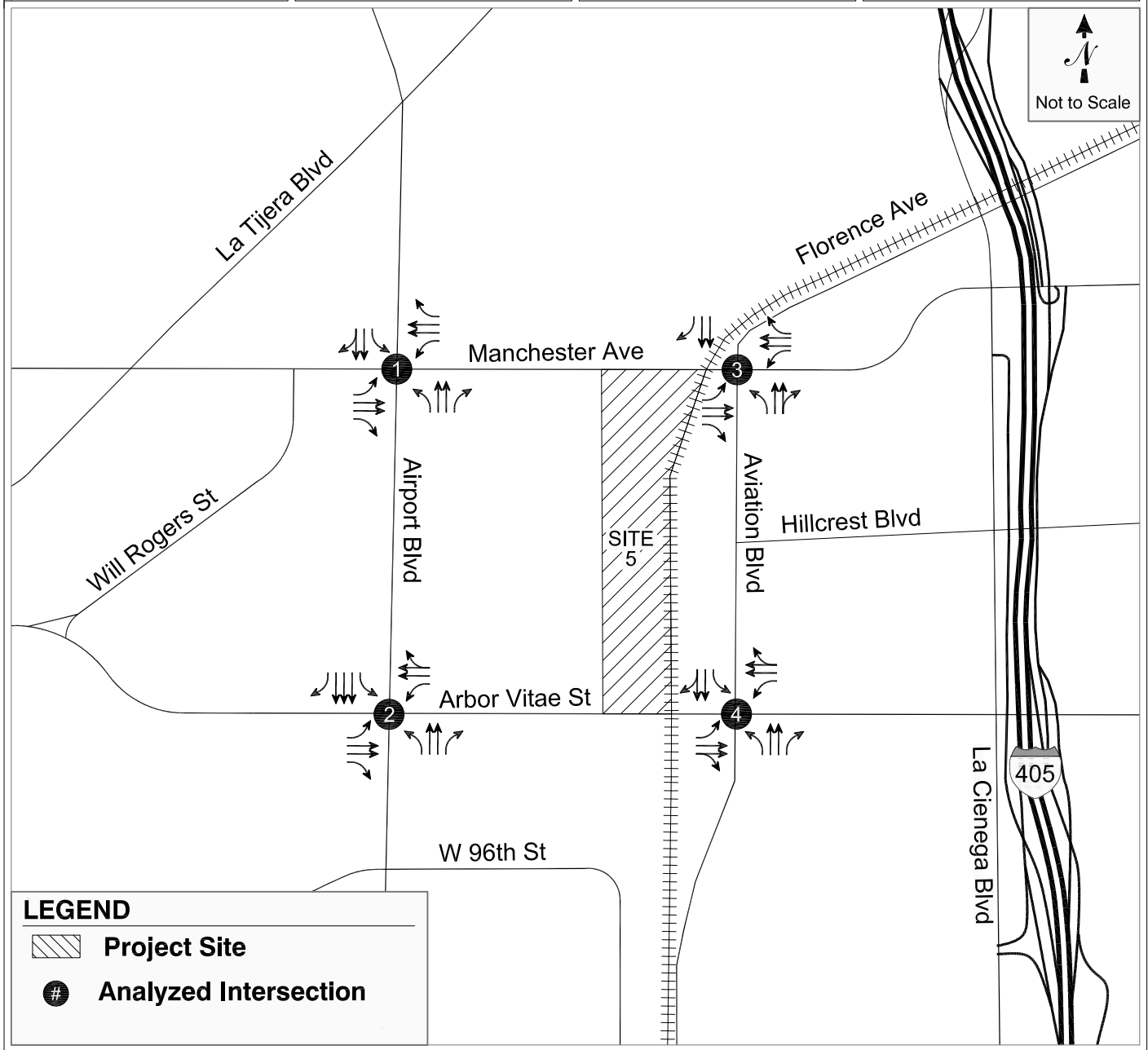
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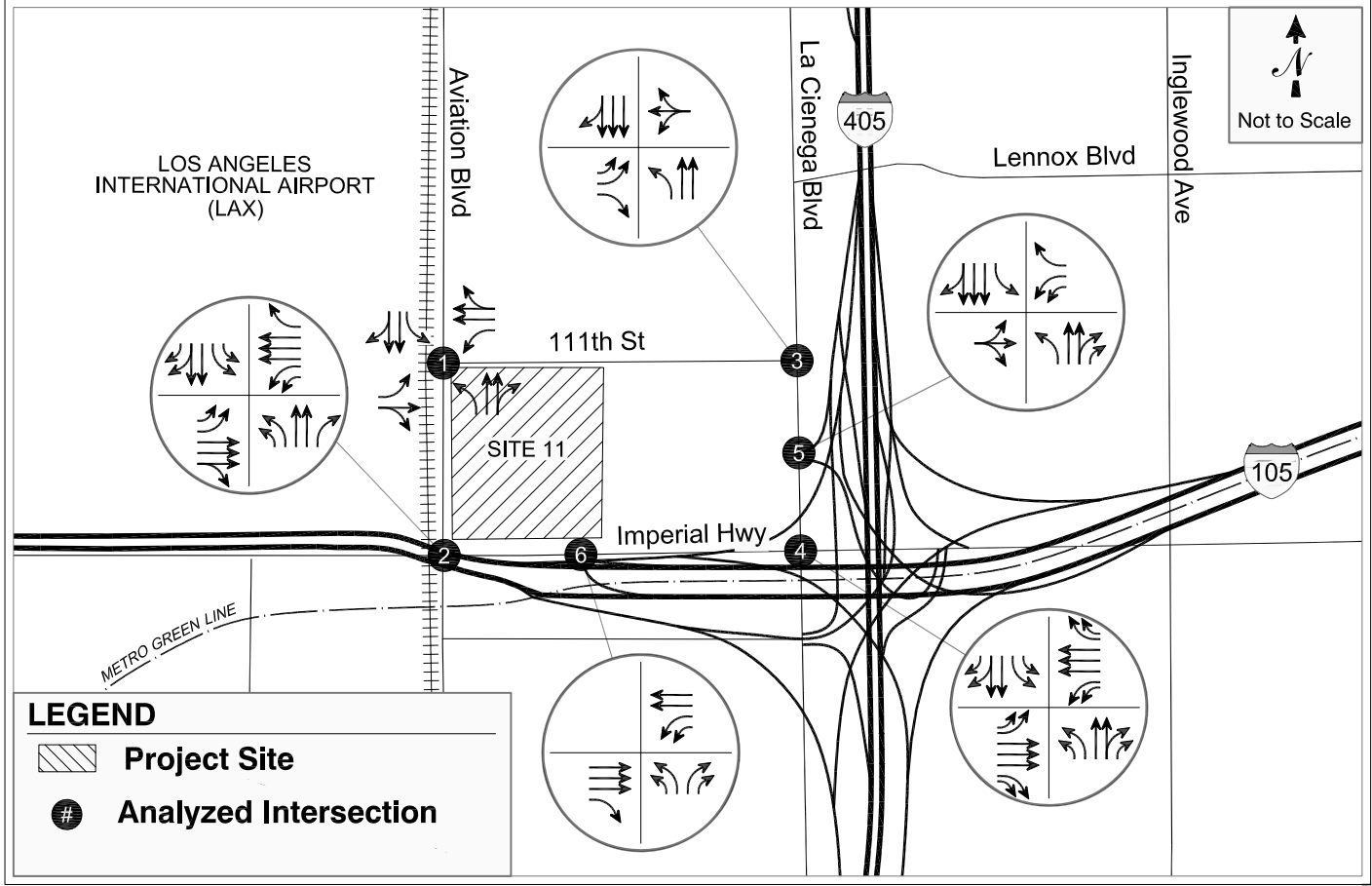
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<p>Manchester Ave</p> <p>25(124) 686(327) 60(228)</p> <p>202(163) 1,147(842) 122(201)</p> <p>22(119) 607(1,245) 50(161)</p> <p>74(275) 537(703) 116(188)</p>	<p>Arbor Vitae St</p> <p>94(83) 757(527) 78(106)</p> <p>158(135) 532(436) 154(143)</p> <p>42(115) 266(488) 122(97)</p> <p>141(197) 579(912) 119(169)</p>	<p>Manchester Ave</p> <p>323(246) 387(319)</p> <p>9(12) 939(734) 77(78)</p> <p>120(257) 545(1,120) 127(173)</p> <p>98(112) 244(377) 278(233)</p>	<p>Arbor Vitae St</p> <p>119(90) 437(405) 56(71)</p> <p>94(51) 551(380) 63(89)</p> <p>74(126) 229(745) 151(315)</p> <p>107(123) 481(622) 290(210)</p>



1. Airport Blvd & Manchester Ave	2. Airport Blvd & Arbor Vitae St	3. Aviation Blvd & Manchester Ave	4. Aviation Blvd & Arbor Vitae St
<p>Manchester Ave</p> <p>27(134) 752(363) 65(246)</p> <p>218(176) 1,239(909) 132(217)</p> <p>24(129) 656(1,345) 54(174)</p> <p>80(297) 580(759) 125(203)</p>	<p>Arbor Vitae St</p> <p>102(100) 818(569) 84(114)</p> <p>171(146) 575(471) 166(154)</p> <p>45(124) 287(527) 132(105)</p> <p>152(213) 625(985) 129(183)</p>	<p>Manchester Ave</p> <p>349(266) 418(345)</p> <p>10(13) 1,014(793) 83(84)</p> <p>130(278) 589(1,210) 137(187)</p> <p>106(121) 284(407) 300(252)</p>	<p>Arbor Vitae St</p> <p>128(97) 472(437) 60(17)</p> <p>102(55) 595(410) 68(96)</p> <p>80(136) 247(805) 163(340)</p> <p>116(133) 519(672) 270(227)</p>



<p>1. Aviation Blvd & 111th St</p>	<p>2. Aviation Blvd & Imperial Hwy</p>	<p>3. La Cienega Blvd & 111th St</p>	<p>4. La Cienega Blvd & Imperial Hwy</p>
<p>5. La Cienega Blvd & I-405 SB Ramps</p>	<p>6. I-405 EB On/WB Off-Ramps & Imperial Hwy</p>		



1. Airport Blvd & Manchester Ave	2. Airport Blvd & Arbor Vitae St	3. Aviation Blvd & Manchester Ave	4. Aviation Blvd & Arbor Vitae St
<p>Manchester Ave</p> <p>27(134) 752(363) 65(246)</p> <p>218(176) 1,239(909) 132(217)</p> <p>24(129) 656(1,345) 54(174)</p> <p>80(297) 580(759) 125(203)</p>	<p>Arbor Vitae St</p> <p>102(100) 818(569) 84(114)</p> <p>171(146) 575(471) 166(154)</p> <p>45(124) 287(527) 132(105)</p> <p>152(213) 625(985) 129(183)</p>	<p>Manchester Ave</p> <p>349(266) 418(345)</p> <p>10(13) 1,014(793) 83(84)</p> <p>130(278) 589(1,210) 137(187)</p> <p>106(121) 284(407) 300(252)</p>	<p>Arbor Vitae St</p> <p>128(97) 472(437) 60(17)</p> <p>102(55) 595(410) 68(96)</p> <p>80(136) 247(805) 163(340)</p> <p>116(133) 519(672) 270(227)</p>

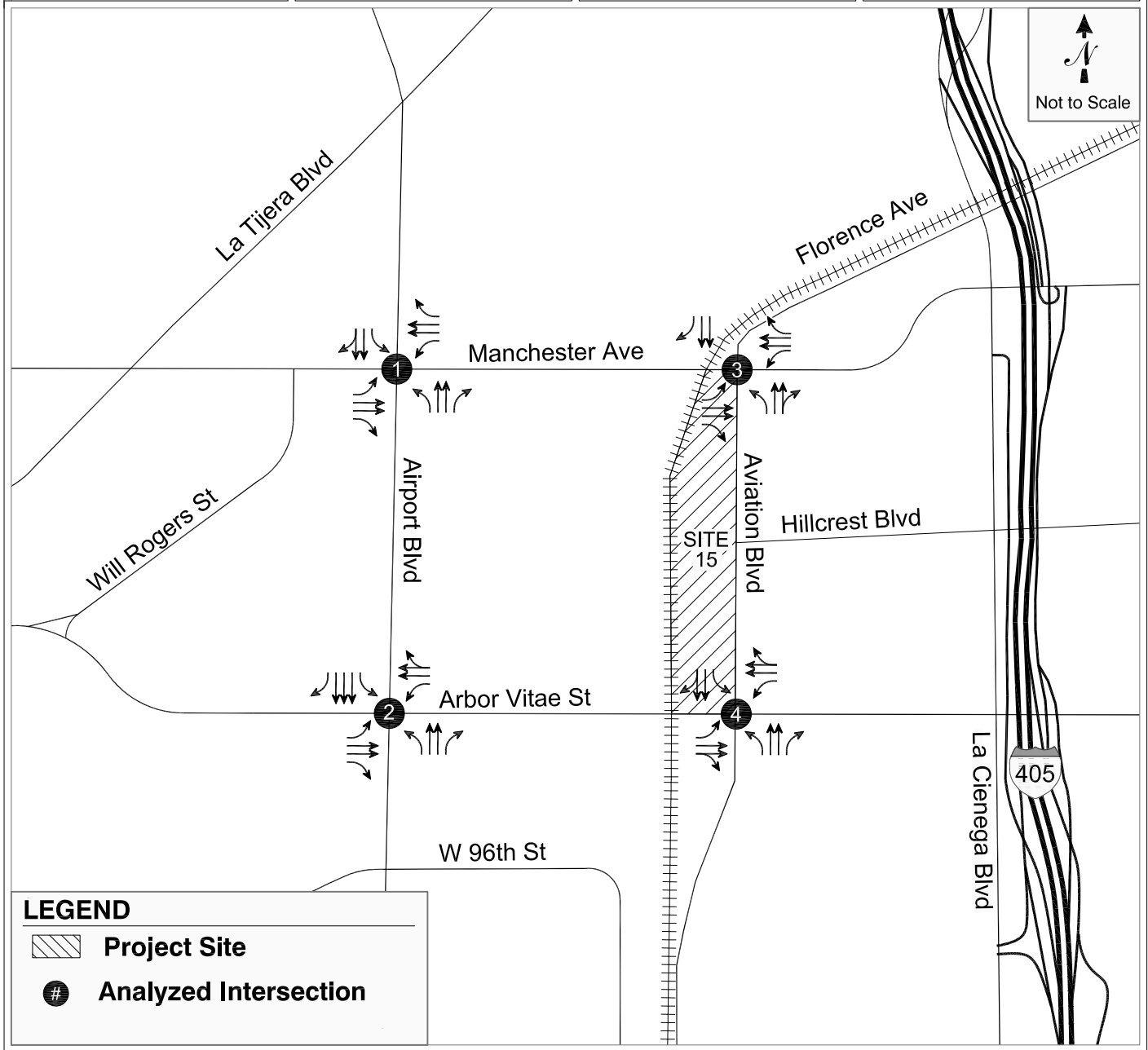
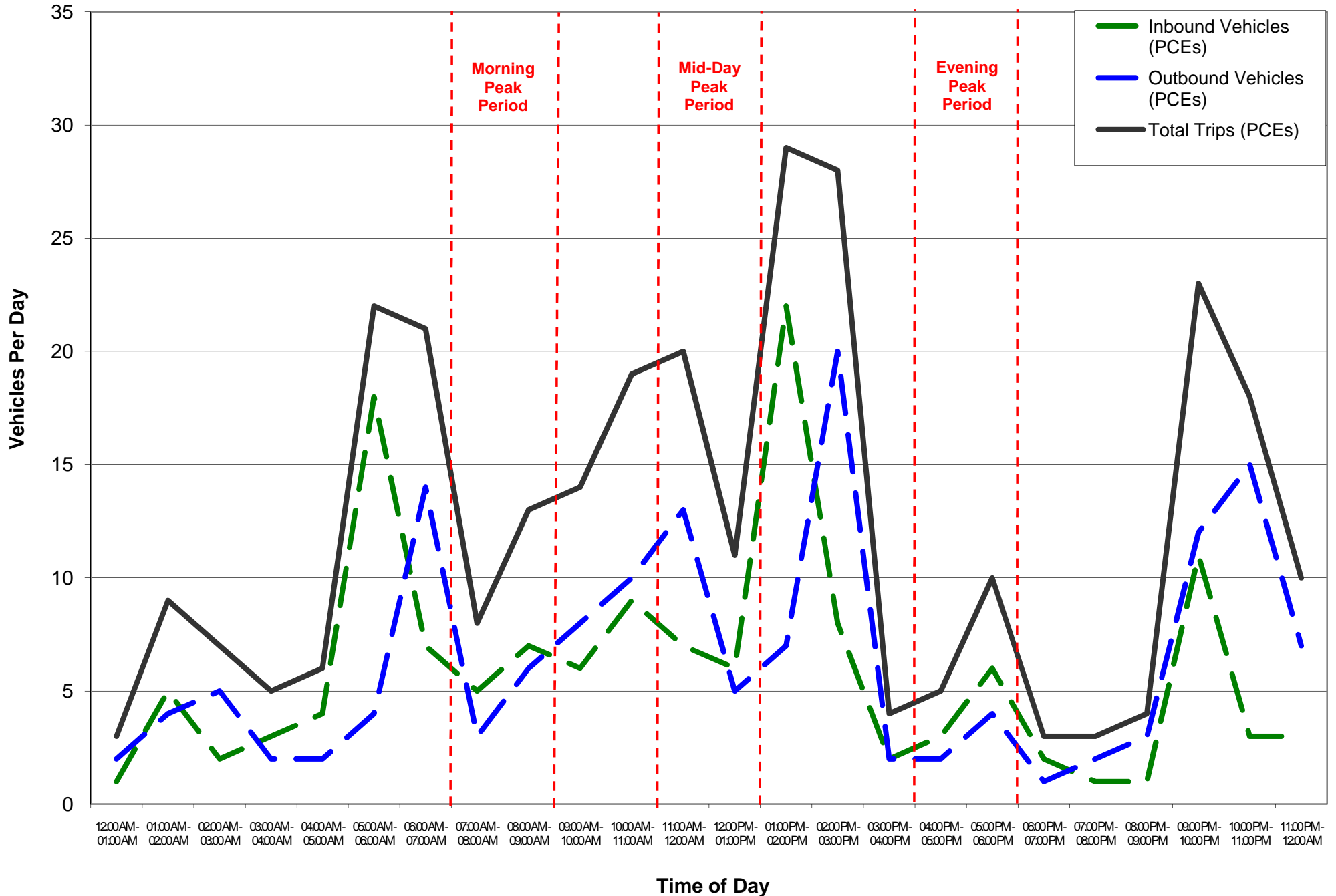
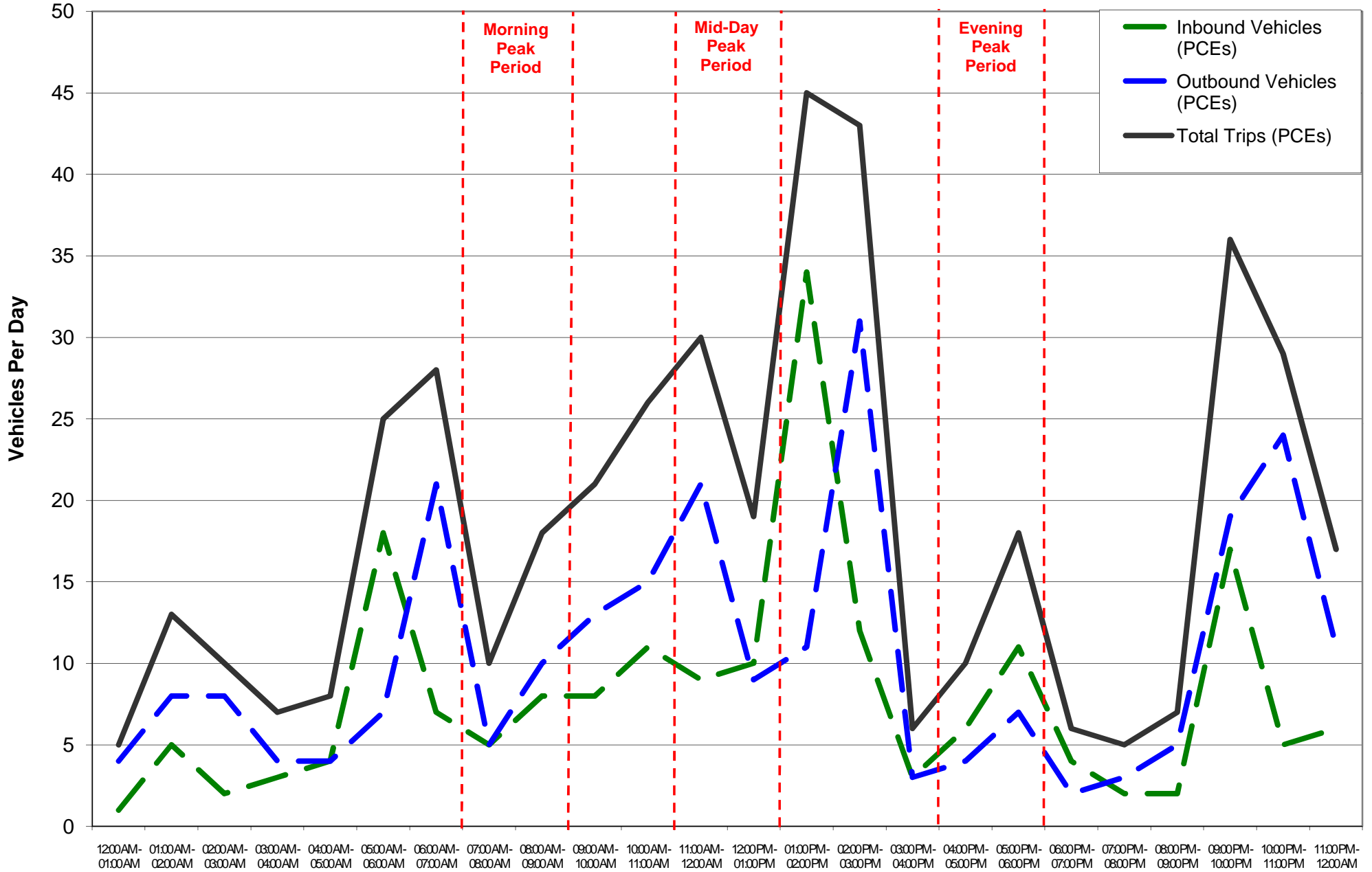


FIGURE 18
MTA DIVISION 22 TRAFFIC COUNT DATA



Traffic count conducted on Thursday, June 10, 2010 at MTA Division 22 Metro Green Line O & M Facility located at 14724 Aviation Blvd, Lawndale, CA 90260
PCEs - Passenger Car Equivalent

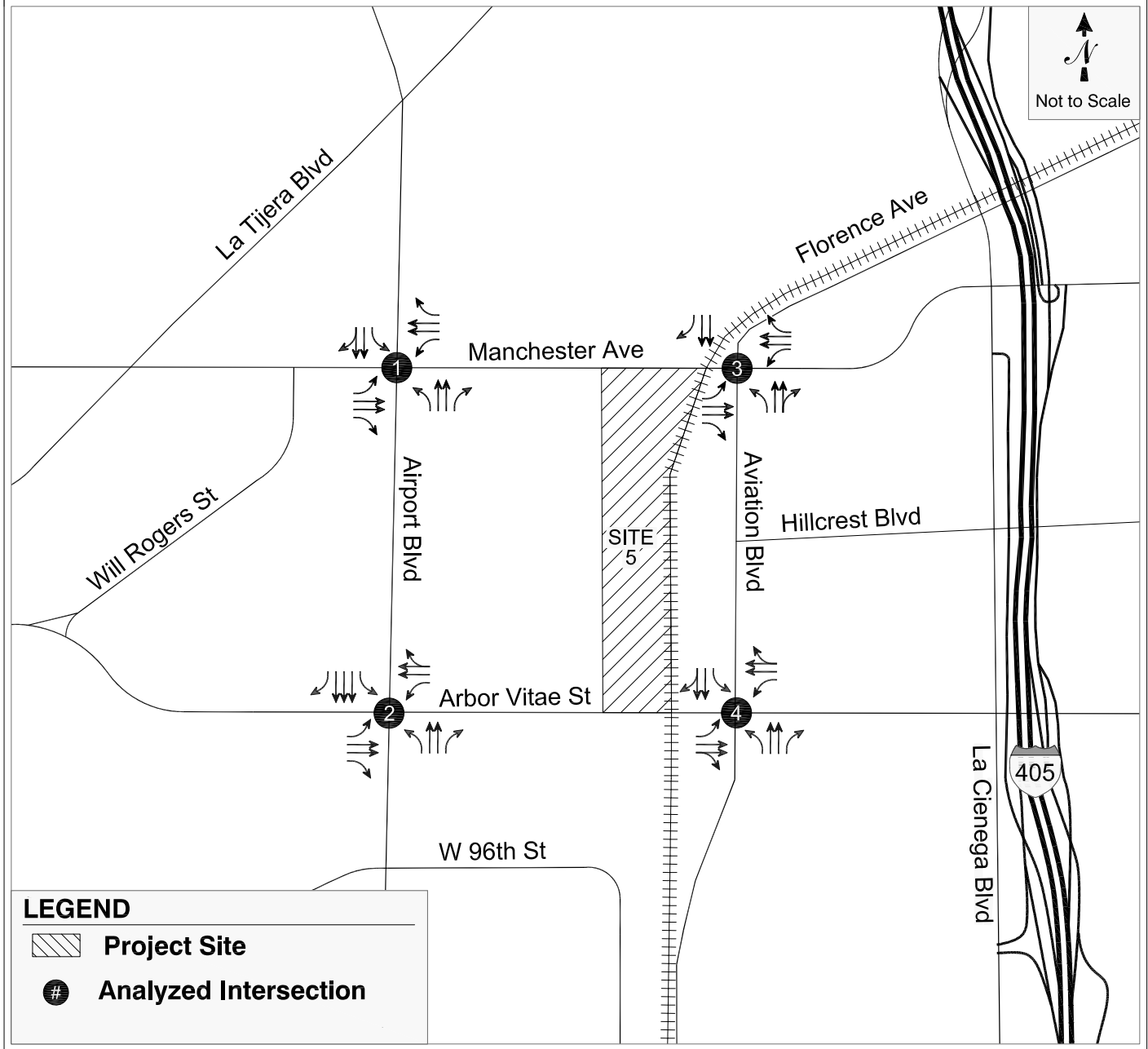
FIGURE 19
CRENSHAW/LAX TRANSIT CORRIDOR LRT MAINTAINANCE FACILITY TRIP GENERATION PROJECTION



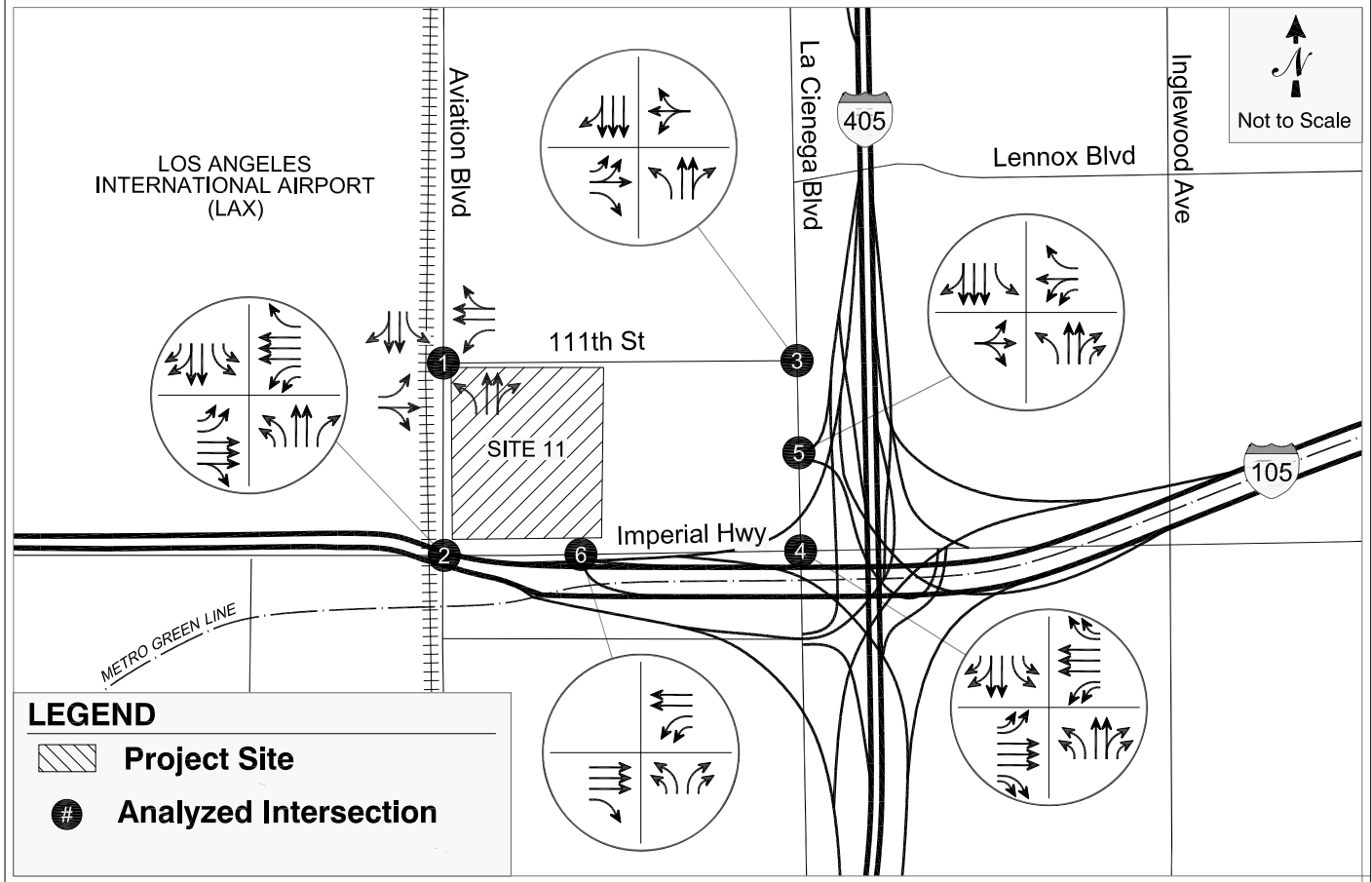
Time of Day

Traffic projections based on Traffic counts collected at MTA Division 22 Metro Green Line O & M Facility located at 14724 Aviation Blvd, Lawndale, CA 90260
 PCEs - Passenger Car Equivalent

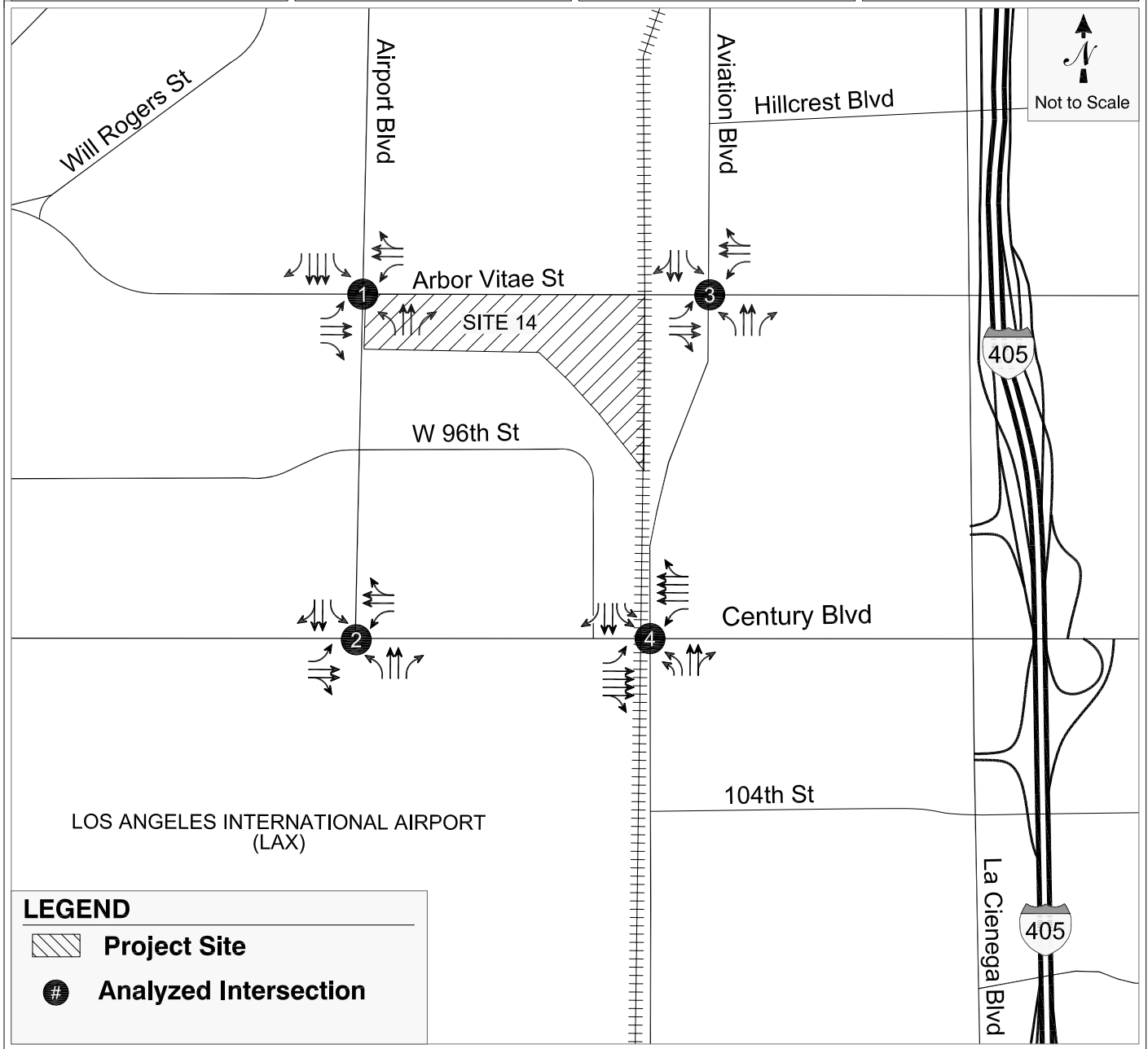
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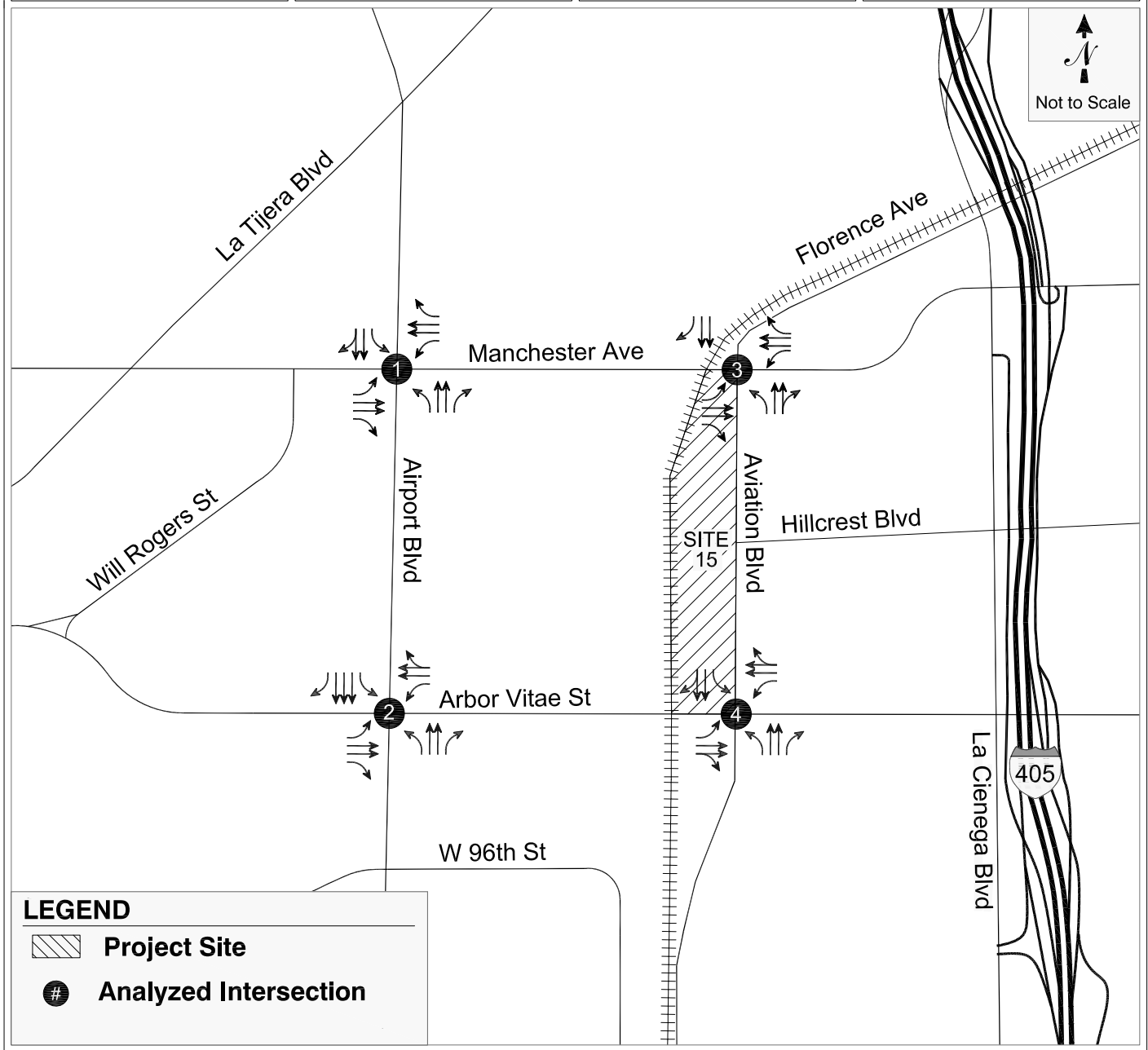
<p>1. Aviation Blvd & 111th St</p>	<p>2. Aviation Blvd & Imperial Hwy</p>	<p>3. La Cienega Blvd & 111th St</p>	<p>4. La Cienega Blvd & Imperial Hwy</p>
<p>5. La Cienega Blvd & I-405 SB Ramps</p>	<p>6. I-105 EB On/WB Off-Ramps & Imperial Hwy</p>		



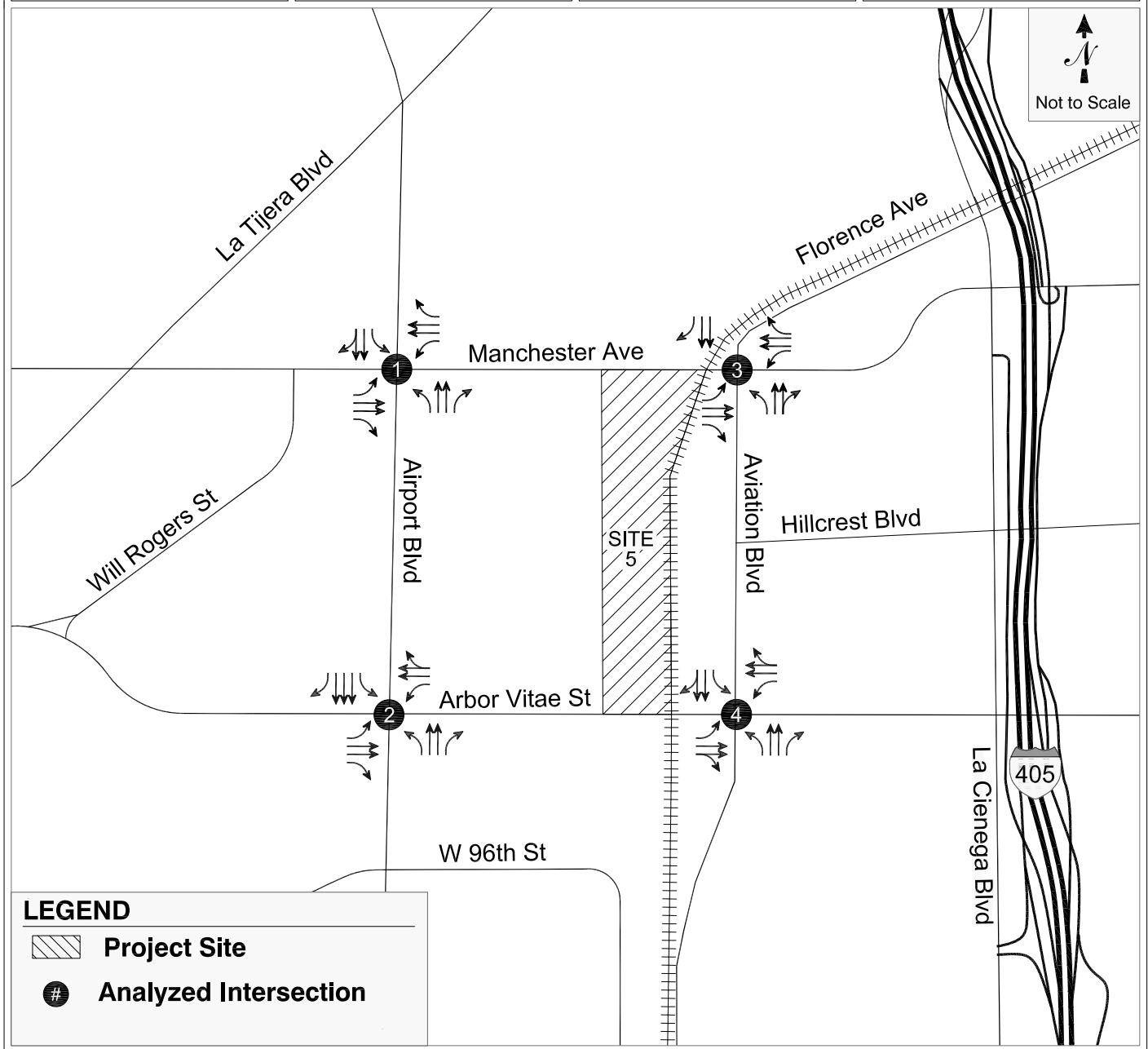
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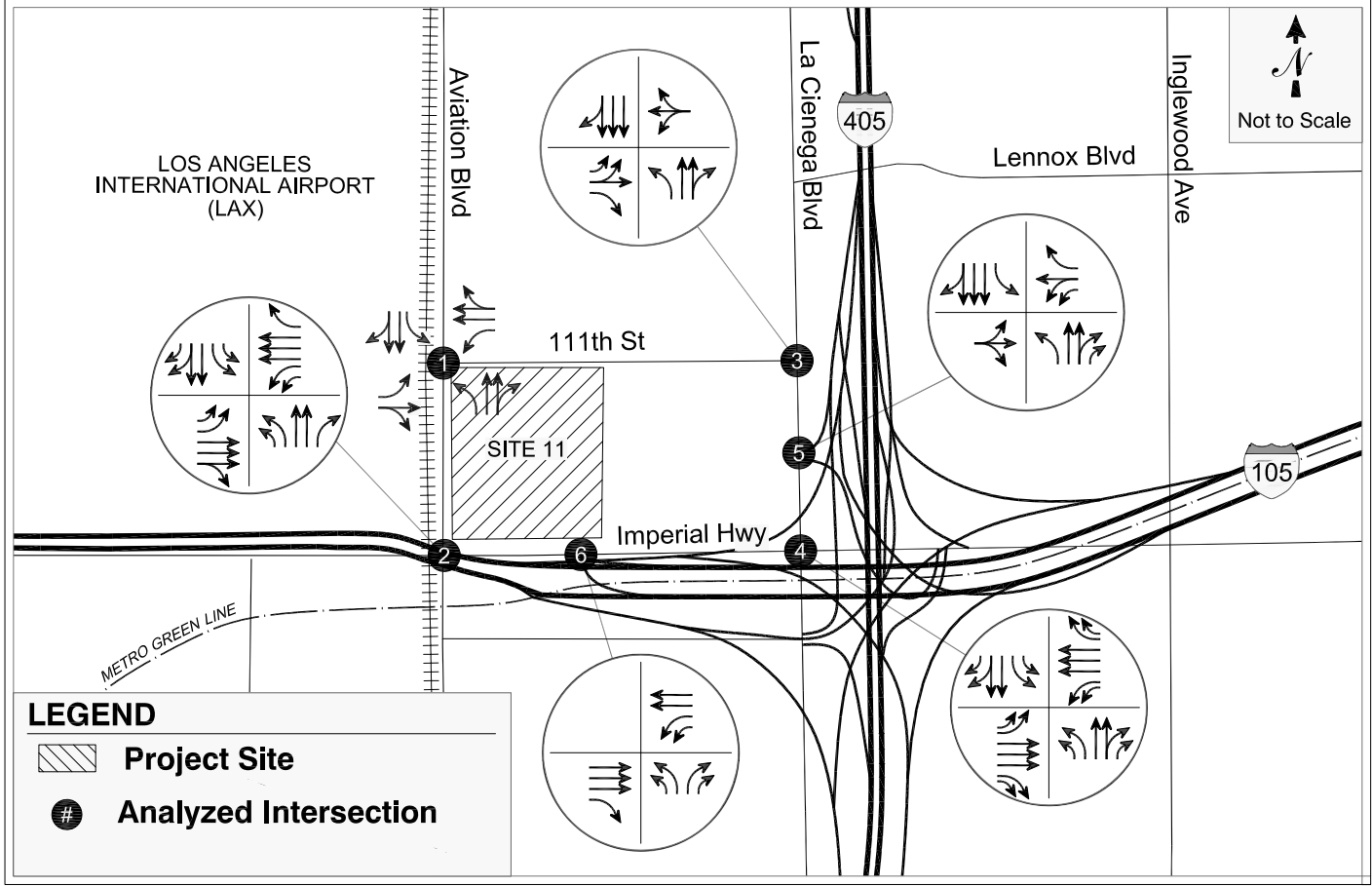
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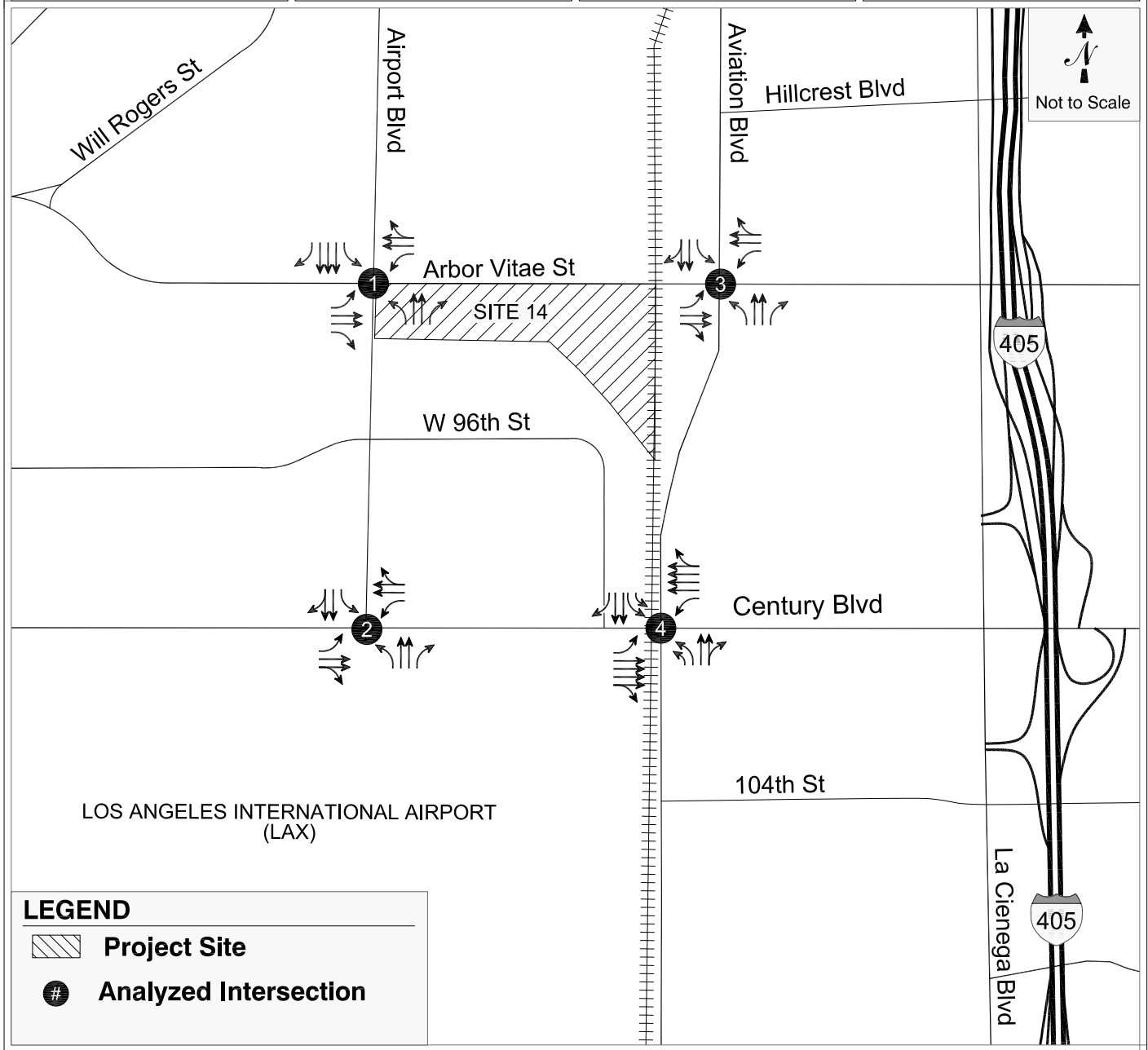
1. Airport Blvd & Manchester Ave	2. Airport Blvd & Arbor Vitae St	3. Aviation Blvd & Manchester Ave	4. Aviation Blvd & Arbor Vitae St
<p>Manchester Ave</p> <p>27(134) 752(363) 65(246)</p> <p>218(176) 1,240(910) 132(217)</p> <p>24(129) 657(1,346) 54(174)</p> <p>80(297) 580(759) 125(203)</p>	<p>Arbor Vitae St</p> <p>102(100) 818(569) 84(114)</p> <p>171(146) 576(472) 166(154)</p> <p>45(124) 288(528) 132(105)</p> <p>152(213) 625(985) 129(183)</p>	<p>Manchester Ave</p> <p>350(267) 418(345)</p> <p>10(13) 1,019(799) 83(84)</p> <p>131(279) 595(1,217) 137(187)</p> <p>106(121) 284(407) 300(252)</p>	<p>Arbor Vitae St</p> <p>128(97) 472(437) 60(17)</p> <p>102(55) 595(410) 68(96)</p> <p>80(136) 248(806) 163(340)</p> <p>116(133) 519(672) 270(227)</p>



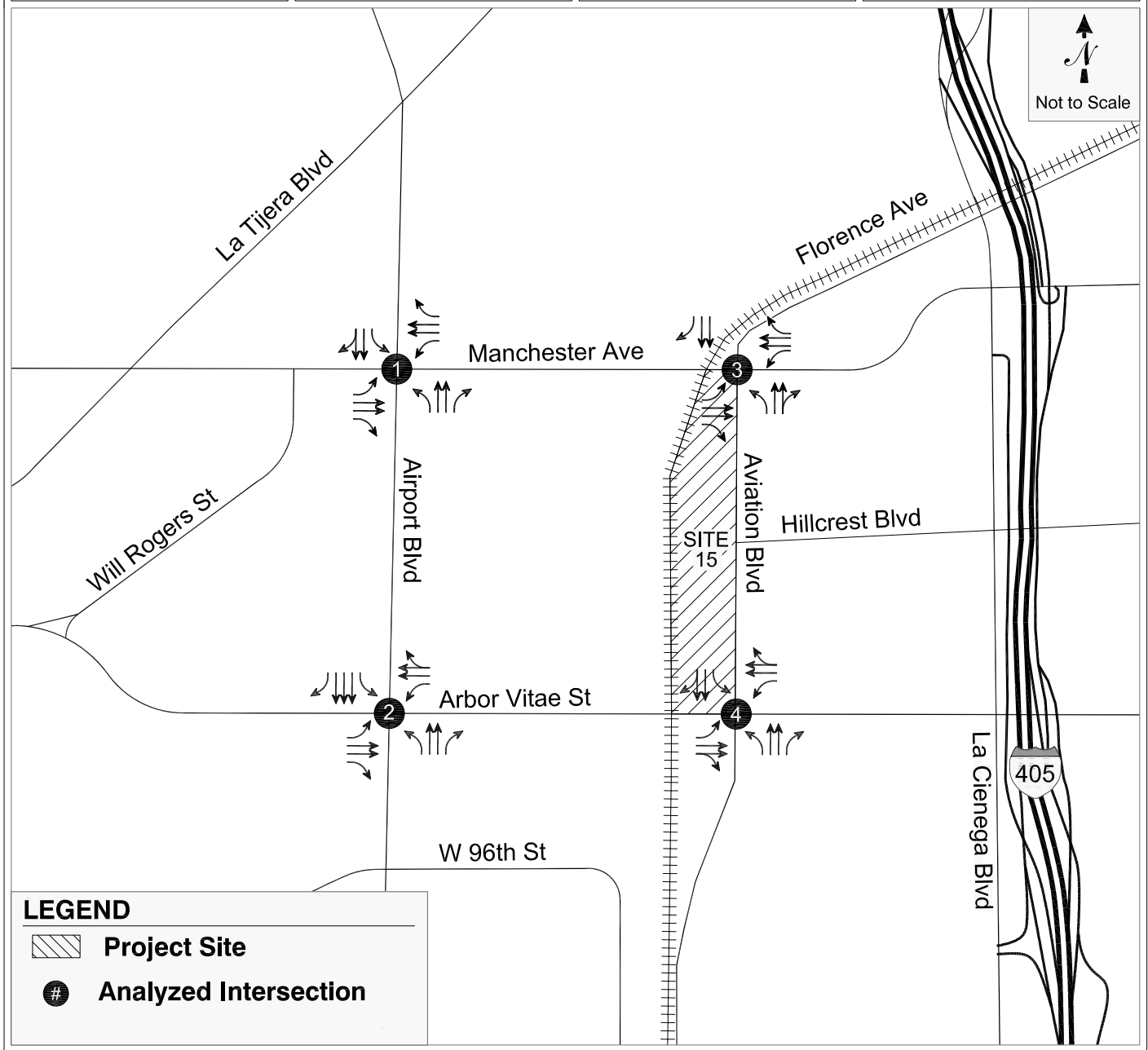
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<p>5. La Cienega Blvd & I-405 SB Ramps</p>	<p>6. I-105 EB On/WB Off-Ramps & Imperial Hwy</p>		



1. Aviation Blvd & 111th St	2. Aviation Blvd & Imperial Hwy	3. La Cienega Blvd & 111th St	4. La Cienega Blvd & Imperial Hwy



1. Airport Blvd & Manchester Ave	2. Airport Blvd & Arbor Vitae St	3. Aviation Blvd & Manchester Ave	4. Aviation Blvd & Arbor Vitae St
<p>Manchester Ave</p> <p>27(134) 752(365) 66(247)</p> <p>219(177) 1,239(909) 132(217)</p> <p>24(129) 656(1,345) 54(174)</p> <p>80(297) 580(759) 125(203)</p>	<p>Arbor Vitae St</p> <p>102(100) 818(569) 84(114)</p> <p>171(146) 576(472) 166(154)</p> <p>45(124) 288(528) 132(105)</p> <p>152(213) 625(985) 129(183)</p>	<p>Manchester Ave</p> <p>349(266) 418(346)</p> <p>10(13) 1,014(793) 87(89)</p> <p>130(278) 589(1,210) 138(188)</p> <p>111(125) 285(407) 301(253)</p>	<p>Arbor Vitae St</p> <p>130(98) 472(437) 62(79)</p> <p>104(58) 595(410) 68(96)</p> <p>81(137) 247(805) 163(340)</p> <p>116(133) 519(672) 270(227)</p>



**TABLE 1
LEVEL OF SERVICE DEFINITIONS FOR SIGNALIZED INTERSECTIONS**

Level of Service	Volume/Capacity Ratio	Definition
A	0.000 - 0.600	EXCELLENT. No vehicle waits longer than one red light and no approach phase is fully used.
B	0.601 - 0.700	VERY GOOD. An occasional approach phase is fully utilized; many drivers begin to feel somewhat restricted within groups of vehicles.
C	0.701 - 0.800	GOOD. Occasionally drivers may have to wait through more than one red light; backups may develop behind turning vehicles.
D	0.801 - 0.900	FAIR. Delays may be substantial during portions of the rush hours, but enough lower volume periods occur to permit clearing of developing lines, preventing excessive backups.
E	0.901 - 1.000	POOR. Represents the most vehicles intersection approaches can accommodate; may be long lines of waiting vehicles through several signal cycles.
F	>1.000	FAILURE. Backups from nearby locations or on cross streets may restrict or prevent movement of vehicles out of the intersection approaches. Tremendous delays with continuously increasing queue lengths.

Source: *Highway Capacity Manual, Special Report 209*, Transportation Research Board, 1994.

**TABLE 2
EXISTING BASE YEAR (2010) INTERSECTION LEVEL OF
SERVICE ANALYSIS**

Intersection	Peak Hour	Existing Base Year (Year 2010) Estimates	
		V/C or Delay	LOS
SITE 5			
*1 Manchester Av Airport Bl	A.M. P.M.	0.680 0.921	B E
*2 Arbor Vitae St Airport Bl	A.M. P.M.	0.451 0.600	A A
*3 Manchester Av Aviation Bl	A.M. P.M.	0.723 0.650	C B
*4 Arbor Vitae St Aviation Bl	A.M. P.M.	0.517 0.618	A B
SITE 11			
*1 111th St Aviation Bl	A.M. P.M.	0.615 0.431	B A
*2 Imperial Hwy Aviation Bl	A.M. P.M.	0.821 0.754	D C
*3 111th St La Cienega Bl	A.M. P.M.	0.264 0.311	A A
*4 Imperial Hwy La Cienega Bl	A.M. P.M.	0.404 0.647	A B
*5 I-405 SB On/Off Ramps La Cienega Bl	A.M. P.M.	0.400 0.344	A A
*6 Imperial Hwy I-105 EB-On/WB-Off Ramps	A.M. P.M.	0.628 0.560	B A
SITE 14			
*1 Arbor Vitae St Airport Bl	A.M. P.M.	0.451 0.600	A A
*2 Century Bl Airport Bl	A.M. P.M.	0.535 0.464	A A
*3 Arbor Vitae St Aviation Bl	A.M. P.M.	0.517 0.618	A B
*4 Century Bl Aviation Bl	A.M. P.M.	0.751 0.644	C B
SITE 15			
*1 Manchester Av Airport Bl	A.M. P.M.	0.680 0.921	B E
*2 Arbor Vitae St Airport Bl	A.M. P.M.	0.451 0.600	A A
*3 Manchester Av Aviation Bl	A.M. P.M.	0.723 0.650	C B
*4 Arbor Vitae St Aviation Bl	A.M. P.M.	0.517 0.618	A B

Notes: Intersections analyzed using Critical Movement Analysis (CMA) methodology.

* Intersection is currently operating under ATSAC & ATCS system.

**TABLE 3
TRAFFIC DATA FROM MTA DIVISION 22 SURVEY**

Traffic counts data by Each Hour of the Day

Time Period	Inbound (PCEs) [1]	Outbound (PCEs) [1]	Total (PCEs) [1]
12:00 AM - 01:00 AM	1	2	3
01:00 AM - 02:00 AM	5	4	9
02:00 AM - 03:00 AM	2	5	7
03:00 AM - 04:00 AM	3	2	5
04:00 AM - 05:00 AM	4	2	6
05:00 AM - 06:00 AM	18	4	22
06:00 AM - 07:00 AM	7	14	21
07:00 AM - 08:00 AM	5	3	8
08:00 AM - 09:00 AM	7	6	13
09:00 AM - 10:00 AM	6	8	14
10:00 AM - 11:00 AM	9	10	19
11:00 AM - 12:00 AM	7	13	20
12:00 PM - 01:00 PM	6	5	11
01:00 PM - 02:00 PM	22	7	29
02:00 PM - 03:00 PM	8	20	28
03:00 PM - 04:00 PM	2	2	4
04:00 PM - 05:00 PM	3	2	5
05:00 PM - 06:00 PM	6	4	10
06:00 PM - 07:00 PM	2	1	3
07:00 PM - 08:00 PM	1	2	3
08:00 PM - 09:00 PM	1	3	4
09:00 PM - 10:00 PM	11	12	23
10:00 PM - 11:00 PM	3	15	18
11:00 PM - 12:00 AM	3	7	10
TOTAL	142	153	295

Morning Peak Period	7:00 - 8:00	7:15 - 8:15	7:30 - 8:30	7:45-8:45	8:00 - 9:00
Trips (PCEs) [1]	8	9	8	11	13

Evening Peak Period	4:00 - 5:00	4:15 - 5:15	4:30 - 5:30	4:45 - 5:45	5:00 - 6:00
Trips (PCEs) [1]	5	6	10	11	10

	Inbound	Outbound	Total
Morning Peak Hour Trips (PCEs)	7	6	13
Evening Peak Hour Trips (PCEs)	6	5	11

Note:

Source: 24-hour classified video counts were conducted on Thursday June 10, 2010 at Metro Division 22 Green Line LRT Maintenance Facility located at 14724 Aviation Boulevard, Lawndale, California.

[1] - A Passenger Car Equivalent (PCE) factor of 2.0 was applied to truck count

**TABLE 4
PROPOSED CRENSHAW O & M FACILITY TRIP GENERATION PROJECTIONS**

Traffic Projection by Each Hour of the Day [2]

Time Period	Inbound (PCEs) [1]	Outbound (PCEs) [1]	Total (PCEs) [1]
12:00 AM - 01:00 AM	1	4	5
01:00 AM - 02:00 AM	5	8	13
02:00 AM - 03:00 AM	2	8	10
03:00 AM - 04:00 AM	3	4	7
04:00 AM - 05:00 AM	4	4	8
05:00 AM - 06:00 AM	18	7	25
06:00 AM - 07:00 AM	7	21	28
07:00 AM - 08:00 AM	5	5	10
08:00 AM - 09:00 AM	8	10	18
09:00 AM - 10:00 AM	8	13	21
10:00 AM - 11:00 AM	11	15	26
11:00 AM - 12:00 AM	9	21	30
12:00 PM - 01:00 PM	10	9	19
01:00 PM - 02:00 PM	34	11	45
02:00 PM - 03:00 PM	12	31	43
03:00 PM - 04:00 PM	3	3	6
04:00 PM - 05:00 PM	6	4	10
05:00 PM - 06:00 PM	11	7	18
06:00 PM - 07:00 PM	4	2	6
07:00 PM - 08:00 PM	2	3	5
08:00 PM - 09:00 PM	2	5	7
09:00 PM - 10:00 PM	17	19	36
10:00 PM - 11:00 PM	5	24	29
11:00 PM - 12:00 AM	6	11	17
Total	193	249	442

Morning Peak Period	7:00 - 8:00	7:15 - 8:15	7:30 - 8:30	7:45-8:45	8:00 - 9:00
Trips (PCEs) [1]	10	12	11	15	18

Evening Peak Period	4:00 - 5:00	4:15 - 5:15	4:30 - 5:30	4:45 - 5:45	5:00 - 6:00
Trips (PCEs) [1]	10	11	18	20	18

	Inbound	Outbound	Total
Morning Peak Hour Trips (PCEs)	8	10	18
Evening Peak Hour Trips (PCEs)	11	9	20

Note:

[1] - A Passenger Car Equivalent (PCE) factor of 2.0 was applied to truck count

[2] - Metro Division 22 LRT Maintenance Facility currently serves 39-LRV fleet. AM and PM peak hour traffic was adjusted with a factor of 1.54 (60/39) to adjust for the 60 LRV service capacity that are proposed at the Crenshaw/LAX Transit Corridor LRT Maintenance Facility.

**TABLE 5
FUTURE (YEAR 2018) INTERSECTION LEVEL OF SERVICE AND SIGNIFICANT IMPACT ANALYSIS**

Intersection	Peak Hour	Future Base (Year 2018) Without Project		Future Base (Year 2018) With Project		Change in V/C	Significant Impact?
		V/C or Delay	LOS	V/C or Delay	LOS		
SITE 5							
*1 Manchester Av Airport Bl	A.M.	0.743	C	0.743	C	0.000	NO
	P.M.	1.003	F	1.003	F	0.000	NO
*2 Arbor Vitae St Airport Bl	A.M.	0.496	A	0.497	A	0.001	NO
	P.M.	0.656	B	0.656	B	0.000	NO
*3 Manchester Av Aviation Bl	A.M.	0.788	C	0.791	C	0.003	NO
	P.M.	0.710	C	0.713	C	0.003	NO
*4 Arbor Vitae St Aviation Bl	A.M.	0.567	A	0.567	A	0.000	NO
	P.M.	0.675	B	0.675	B	0.000	NO
SITE 11							
*1 111th St Aviation Bl	A.M.	0.672	B	0.673	B	0.001	NO
	P.M.	0.475	A	0.475	A	0.000	NO
*2 Imperial Hwy Aviation Bl	A.M.	0.894	D	0.897	D	0.003	NO
	P.M.	0.822	D	0.824	D	0.002	NO
*3 111th St La Cienega Bl	A.M.	0.292	A	0.295	A	0.003	NO
	P.M.	0.344	A	0.349	A	0.005	NO
*4 Imperial Hwy La Cienega Bl	A.M.	0.444	A	0.444	A	0.000	NO
	P.M.	0.707	C	0.707	C	0.000	NO
*5 I-405 SB On/Off Ramps La Cienega Bl	A.M.	0.440	A	0.443	A	0.003	NO
	P.M.	0.379	A	0.381	A	0.002	NO
*6 Imperial Hwy I-105 EB-On/WB-Off Ramps	A.M.	0.687	B	0.687	B	0.000	NO
	P.M.	0.613	B	0.640	B	0.027	NO
SITE 14							
*1 Arbor Vitae St Airport Bl	A.M.	0.496	A	0.497	A	0.001	NO
	P.M.	0.656	B	0.657	B	0.001	NO
*2 Century Bl Airport Bl	A.M.	0.587	A	0.587	A	0.000	NO
	P.M.	0.509	A	0.509	A	0.000	NO
*3 Arbor Vitae St Aviation Bl	A.M.	0.567	A	0.569	A	0.002	NO
	P.M.	0.675	B	0.679	B	0.004	NO
*4 Century Bl Aviation Bl	A.M.	0.819	D	0.820	D	0.001	NO
	P.M.	0.704	C	0.704	C	0.000	NO
SITE 15							
*1 Manchester Av Airport Bl	A.M.	0.743	C	0.743	C	0.000	NO
	P.M.	1.003	F	1.003	F	0.000	NO
*2 Arbor Vitae St Airport Bl	A.M.	0.496	A	0.497	A	0.001	NO
	P.M.	0.656	B	0.656	B	0.000	NO
*3 Manchester Av Aviation Bl	A.M.	0.788	C	0.789	C	0.001	NO
	P.M.	0.710	C	0.715	C	0.005	NO
*4 Arbor Vitae St Aviation Bl	A.M.	0.567	A	0.568	A	0.001	NO
	P.M.	0.675	B	0.676	B	0.001	NO

Notes: Intersections analyzed using Critical Movement Analysis (CMA) methodology.

* Intersection is currently operating under ATSAC & ATCS system.

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Air Quality Calculations

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SCAQMD Data

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**2006 AIR QUALITY
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**

2006

Source/Receptor Area No. Location	Station No.	Carbon Monoxide ^{a)}			Ozone ^{b)}										Nitrogen Dioxide ^{c)}			Sulfur Dioxide ^{d)}				
		No. Days of Data	Max. Conc. in ppm 1-hour	Max. Conc. in ppm 8-hour	No. Days of Data	Max. Conc. in ppm 1-hour	Max. Conc. in ppm 8-hour	Fourth High Conc. ppm 8-hour	No. Days Standard Exceeded					No. Days of Data	Max. Conc. in ppm 1-hour	Max. Conc. in ppm 24-hour	Annual Average Conc. ppm AAM	No. Days of Data	Max. Conc. in ppm 1-hour	Max. Conc. in ppm 24-hour	Annual Average Conc. ppm AAM	
									Health Advisory	Federal	State	≥ 0.15 ppm 1-hour	> 0.12 ppm 1-hour									> 0.08 ppm 8-hour	> 0.09 ppm 1-hour	> 0.07 ppm 8-hour
LOS ANGELES COUNTY																						
1	Central LA	087	362	3	2.6	362	0.11	0.079	0.077	0	0	0	8	4	360	0.11	0.06	0.0288	365	0.03	0.006	0.0019
2	Northwest Coastal LA County	091	365	3	2.0	365	0.10	0.074	0.069	0	0	0	3	0	365	0.08	0.05	0.0173	--	--	--	--
3	Southwest Coastal LA County	820	363	3	2.3	360	0.08	0.066	0.062	0	0	0	0	0	351	0.10	0.05	0.0155	363	0.02	0.006	0.0020
4	South Coastal LA County 1	072	360	4	3.4	364	0.08	0.058	0.058	0	0	0	0	0	357	0.10	0.05	0.0215	364	0.03	0.010	0.0012
4	South Coastal LA County 2	077	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6	West San Fernando Valley	074	365	5	3.4	361	0.16	0.108	0.105	1	6	17	32	39	363	0.07	0.04	0.0174	--	--	--	--
7	East San Fernando Valley	069	365	4	3.5	365	0.17	0.128	0.099	2	6	12	25	23	365	0.10	0.05	0.0274	360	0.01	0.004	0.0006
8	West San Gabriel Valley	088	360	4	2.8	365	0.15	0.117	0.095	1	5	7	25	24	365	0.12	0.06	0.0245	--	--	--	--
9	East San Gabriel Valley 1	060	365	2	1.7	364	0.17	0.120	0.091	2	7	10	23	19	365	0.11	0.07	0.0258	--	--	--	--
9	East San Gabriel Valley 2	591	363	2	2.0	363	0.18	0.128	0.107	2	10	15	37	31	362	0.10	0.06	0.0206	--	--	--	--
10	Pomona/Walnut Valley	075	365	3	2.1	365	0.15	0.128	0.109	2	9	16	32	30	365	0.10	0.06	0.0307	--	--	--	--
11	South San Gabriel Valley	085	232*	3*	2.7*	250*	0.13*	0.095*	0.080*	0*	1*	3*	9*	5*	204*	0.10*	0.06*	0.0283*	--	--	--	--
12	South Central LA County	084	365	8	6.4	365	0.09	0.066	0.064	0	0	0	0	0	363	0.14	0.08	0.0306	--	--	--	--
13	Santa Clarita Valley	090	363	2	1.3	359	0.16	0.120	0.112	1	20	40	62	64	359	0.08	0.04	0.0184	--	--	--	--
ORANGE COUNTY																						
16	North Orange County	3177	362	6	3.0	362	0.15	0.114	0.092	1	3	4	8	9	361	0.09	0.05	0.0224	--	--	--	--
17	Central Orange County	3176	365	5	3.0	365	0.11	0.088	0.072	0	0	1	5	3	343	0.11	0.06	0.0197	--	--	--	--
18	North Coastal Orange County	3195	365	4	3.0	365	0.07	0.064	0.062	0	0	0	0	0	361	0.10	0.05	0.0145	353	0.01	0.004	0.0013
19	Saddleback Valley	3812	365	2	1.8	356	0.12	0.105	0.092	0	0	6	13	17	--	--	--	--	--	--	--	--
RIVERSIDE COUNTY																						
22	Norco/Corona	4155	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
23	Metropolitan Riverside County 1	4144	365	3	2.1	365	0.15	0.116	0.113	1	8	30	45	59	365	0.08	0.05	0.0199	365	0.01	0.004	0.0013
23	Metropolitan Riverside County 2	4146	365	4	2.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
23	Mira Loma	5214	364	4	2.7	364	0.16	0.119	0.107	1	4	25	39	48	332	0.08	0.05	0.0194	--	--	--	--
24	Perris Valley	4149	--	--	--	351	0.17	0.122	0.114	3	12	53	76	84	--	--	--	--	--	--	--	--
25	Lake Elsinore	4158	362	1	1.0	362	0.14	0.109	0.102	0	3	24	40	58	352	0.07	0.05	0.0151	--	--	--	--
29	Banning Airport	4164	--	--	--	357	0.14	0.115	0.104	0	8	44	57	78	355	0.11	0.04	0.0161	--	--	--	--
30	Coachella Valley 1**	4137	365	2	1.0	361	0.13	0.109	0.101	0	2	23	37	67	359	0.09	0.05	0.0103	--	--	--	--
30	Coachella Valley 2**	4157	--	--	--	364	0.10	0.089	0.087	0	0	7	4	29	--	--	--	--	--	--	--	--
SAN BERNARDINO COUNTY																						
32	Northwest San Bernardino Valley	5175	360	3	1.8	365	0.17	0.130	0.114	2	14	25	50	54	337	0.10	0.07	0.0310	--	--	--	--
33	Southwest San Bernardino Valley	5817	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
34	Central San Bernardino Valley 1	5197	365	3	2.0	361	0.16	0.123	0.116	1	12	29	47	49	362	0.09	0.06	0.0270	365	0.01	0.003	0.0019
34	Central San Bernardino Valley 2	5203	364	3	2.3	362	0.15	0.127	0.119	3	10	29	52	57	362	0.09	0.05	0.0252	--	--	--	--
35	East San Bernardino Valley	5204	--	--	--	365	0.16	0.135	0.125	5	11	36	60	64	--	--	--	--	--	--	--	--
37	Central San Bernardino Mountains	5181	--	--	--	365	0.16	0.142	0.112	2	9	59	71	96	--	--	--	--	--	--	--	--
38	East San Bernardino Mountains	5818	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DISTRICT MAXIMUM			8	6.4		0.18	0.142	0.125	5	20	59	76	96		0.14	0.08	0.0310		0.03	0.010	0.0020	
SOUTH COAST AIR BASIN			8	6.4		0.18	0.142	0.125	10	35	86	102	121		0.14	0.08	0.0310		0.03	0.010	0.0020	

ppm - Parts Per Million parts of air, by volume.

AAM = Annual Arithmetic Mean

-- - Pollutant not monitored.

* Less than 12 full months of data. May not be representative.

** Salton Sea Air Basin.

a) - The federal 8-hour standard (8-hour average CO > 9 ppm) and state 8-hour standard (8-hour average CO > 9.0 ppm) were not exceeded.

The federal and state 1-hour standards (35 ppm and 20 ppm) were not exceeded, either.

b) - The federal 1-hour ozone standard was revoked and replaced by the 8-hour average ozone standard effective June 15, 2005.

The 8-hour average California ozone standard of 0.07 ppm was established effective May 17, 2006.

c) - The state standard is 1-hour average NO₂ > 0.25 ppm. The federal standard is annual arithmetic mean NO₂ > 0.0534 ppm. Air Resources Board has approved to lower the NO₂ 1-hour standard to 0.18 ppm and establish a new annual standard of 0.030 ppm. The revisions are expected to become effective later in 2007.

d) - The state standards are 1-hour average SO₂ > 0.25 ppm and 24-hour average SO₂ > 0.04 ppm. The federal standards are annual arithmetic mean SO₂ > 0.03 ppm, 24-hour average > 0.14 ppm, and 3-hour average > 0.50 ppm. The federal and state SO₂ standards were not exceeded.



**South Coast
Air Quality Management District**
21865 Copley Drive
Diamond Bar, CA 91765-4182
www.aqmd.gov

The map showing the locations of source/receptor areas can be accessed via the Internet at <http://www.aqmd.gov/telemweb/areamap.aspx>. Locations of source/receptor areas are shown on the "South Coast Air Quality Management District Air Monitoring Areas" map available free of charge from SCAQMD Public Information.

**2006 AIR QUALITY
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**

2006

Source/Receptor Area No. Location	Station No.	Suspended Particulates PM10 ^{e)}					Fine Particulates PM2.5 ^{f)}					Particulates TSP ^{g)}			Lead ^{g)}		Sulfate ^{g)}		
		No. Days	Max. Conc. in $\mu\text{g}/\text{m}^3$ 24-hour	No. (%) Samples Exceeding Standard		Annual Average $\mu\text{g}/\text{m}^3$ ^{AAM^{h)}}	No. Days of	Max. Conc. in $\mu\text{g}/\text{m}^3$ 24-hour	98th Percentile Conc. in $\mu\text{g}/\text{m}^3$ 24-hour	No. (%) Samples Exceeding Standard		Annual Averages $\mu\text{g}/\text{m}^3$ ^{AAM^{j)}}	No. Days of	Max. Conc. in $\mu\text{g}/\text{m}^3$ 24-hour	Annual Average Conc. $\mu\text{g}/\text{m}^3$ ^{AAM^{j)}}	Max. Monthly Average Conc. $\mu\text{g}/\text{m}^3$ ^{Conc. k)}	Max. Quarterly Average Conc. $\mu\text{g}/\text{m}^3$ ^{Conc. k)}	Max. Conc. in $\mu\text{g}/\text{m}^3$ 24-hour	Standard State $\mu\text{g}/\text{m}^3$ ^{Standard ≥ 25}
				Federal	State					Federal ⁱ⁾	Federal ⁱ⁾								
LOS ANGELES COUNTY																			
1 Central LA	087	59	59	0	3(5.1)	30.3	330	56.2	38.9	11(3.3)	0	15.6	59	109	63.3	0.02	0.01	18.2	0
2 Northwest Coastal LA County	091	--	--	--	--	--	--	--	--	--	--	--	56	76	40.2	--	--	12.2	0
3 Southwest Coastal LA County	820	51	45	0	0	26.5	--	--	--	--	--	--	56	84	43.1	0.01	0.01	13.6	0
4 South Coastal LA County 1	072	61	78	0	6(9.8)	31.1	290*	58.5*	34.9*	5(1.7)*	0*	14.2*	62	157	62.9	0.01	0.01	17.8	0
4 South Coastal LA County 2	077	58	117	0	19(32.7)	45.0	320	53.6	35.3	6(1.9)	0	14.5	59	192	71.1	0.01	0.01	18.8	0
6 West San Fernando Valley	074	--	--	--	--	--	92	44.1	32.0	1(1.1)	0	12.9	--	--	--	--	--	--	--
7 East San Fernando Valley	069	54	71	0	10(18.5)	35.6	104	50.7	43.4	6(5.8)	0	16.6	--	--	--	--	--	--	--
8 West San Gabriel Valley	088	--	--	--	--	--	113	45.9	32.1	1(0.9)	0	13.4	60	123	42.8	--	--	28.7	1(1.7)
9 East San Gabriel Valley 1	060	58	81	0	7(12.1)	31.9	278*	52.8*	38.5*	8(2.9)*	0*	15.5*	59	142	68.4	--	--	20.8	0
9 East San Gabriel Valley 2	591	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10 Pomona/Walnut Valley	075	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11 South San Gabriel Valley	085	--	--	--	--	--	116	72.2	43.1	7(6)	1(0.9)	16.7	58	768	79.3	0.03	0.02	28.6	1(1.7)
12 South Central LA County	084	--	--	--	--	--	107	55.0	44.5	4(3.7)	0	16.7	58	147	68.4	0.02	0.02	24.1	0
13 Santa Clarita Valley	090	58	53	0	1(1.7)	23.4	--	--	--	--	--	--	--	--	--	--	--	--	--
ORANGE COUNTY																			
16 North Orange County	3177	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
17 Central Orange County	3176	56	104	0	7(12.5)	33.4	330	56.2	40.5	8(2.4)	0	14.1	--	--	--	--	--	--	--
18 North Coastal Orange County	3195	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
19 Saddleback Valley	3812	50	57	0	1(2.0)	22.8	106	47.0	25.7	1(0.9)	0	11.0	--	--	--	--	--	--	--
RIVERSIDE COUNTY																			
22 Norco/Corona	4155	57	74	0	10(17.5)	36.5	--	--	--	--	--	--	--	--	--	--	--	--	--
23 Metropolitan Riverside County 1	4144	118	109	0	71(60.2)	54.4	300	68.5	53.7	32(10.7)	1(0.3)	19.0	59	169	91.2	0.01	0.01	10.8	0
23 Metropolitan Riverside County 2	4146	--	--	--	--	--	105	55.3	47.7	9(8.6)	0	17.0	59	131	72.9	0.01	0.01	9.9	0
23 Mira Loma	5214	59	124	0	41(69.5)	64.0	113	63.0	52.5	14(12.4)	0	20.6	--	--	--	--	--	--	--
24 Perris Valley	4149	54	125	0	19(35.2)	45.0	--	--	--	--	--	--	--	--	--	--	--	--	--
25 Lake Elsinore	4158	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
29 Banning Airport	4164	55	75	0	8(14.6)	31.1	--	--	--	--	--	--	--	--	--	--	--	--	--
30 Coachella Valley 1**	4137	57	73+	0+	2(3.5)+	24.5+	111	24.8	15.9	0	0	7.7	--	--	--	--	--	--	--
30 Coachella Valley 2**	4157	115	122+	0+	57(49.6)+	52.7+	107	24.3	19.1	0	0	9.5	--	--	--	--	--	--	--
SAN BERNARDINO COUNTY																			
32 Northwest San Bernardino Valley	5175	--	--	--	--	--	--	--	--	--	--	--	58	105	54.6	0.01	0.01	9.1	0
33 Southwest San Bernardino Valley	5817	62	78	0	17(27.4)	42.3	107	53.7	41.5	7(6.5)	0	18.5	--	--	--	--	--	--	--
34 Central San Bernardino Valley 1	5197	60	142	0	31(51.7)	53.5	112	52.6	43.8	7(6.3)	0	17.6	59	190	101.0	--	--	10.3	0
34 Central San Bernardino Valley 2	5203	57	92	0	24(42.1)	46.0	102	55.0	48.4	8(7.8)	0	17.8	54	174	87.0	0.02	0.01	11.0	0
35 East San Bernardino Valley	5204	60	103	0	12(20.0)	36.2	--	--	--	--	--	--	--	--	--	--	--	--	--
37 Central San Bernardino Mountains	5181	58	63	0	1(1.7)	26.2	--	--	--	--	--	--	--	--	--	--	--	--	--
38 East San Bernardino Mountains	5818	--	--	--	--	--	42*	40.1*	40.1*	1(2.4)*	0*	11.2*	--	--	--	--	--	--	--
DISTRICT MAXIMUM			142+	0+	71	64.0		72.2	53.7	32	1	20.6		768	101.0	0.03	0.02	28.7	1
SOUTH COAST AIR BASIN			142+	0+	75	64.0		72.2	53.7	32	1	20.6		768	101.0	0.03	0.02	28.7	1

$\mu\text{g}/\text{m}^3$ - Micrograms per cubic meter of air

AAM - Annual Arithmetic Mean

-- - Pollutant not monitored

* Less than 12 full months of data. May not be representative.

** Salton Sea Air Basin.

e) - PM10 samples were collected every 6 days at all sites except for Station Numbers 4144 and 4157 where samples were collected every 3 days.

f) - PM2.5 samples were collected every 3 days at all sites except for the following sites: Station Numbers 060, 072, 077, 087, 3176, and 4144 where samples were taken every day, and Station Number 5818 where samples were taken every 6 days.

g) - Total suspended particulates, lead, and sulfate were determined from samples collected every 6 days by the high volume sampler method, on glass fiber filter media.

h) - Federal annual PM10 standard (AAM > 50 $\mu\text{g}/\text{m}^3$) was revoked effective December 17, 2006. State standard is annual average (AAM) > 20 $\mu\text{g}/\text{m}^3$.

i) - U.S. EPA has revised the federal 24-hour PM2.5 standard from 65 $\mu\text{g}/\text{m}^3$ to 35 $\mu\text{g}/\text{m}^3$; effective December 17, 2006.

j) - Federal PM2.5 standard is annual average (AAM) > 15 $\mu\text{g}/\text{m}^3$. State standard is annual average (AAM) > 12 $\mu\text{g}/\text{m}^3$.

k) - Federal lead standard is quarterly average > 1.5 $\mu\text{g}/\text{m}^3$; and state standard is monthly average $\geq 1.5 \mu\text{g}/\text{m}^3$. No location exceeded lead standards.

Maximum monthly and quarterly lead concentrations at special monitoring sites immediately downwind of stationary lead sources were 0.24 $\mu\text{g}/\text{m}^3$ and 0.22 $\mu\text{g}/\text{m}^3$, respectively, both recorded at Central Los Angeles.

+ - The data for the samples collected on a high-wind day (July 16, 2006) at Palm Springs and Indio (226 $\mu\text{g}/\text{m}^3$ and 313 $\mu\text{g}/\text{m}^3$, respectively) were excluded in accordance with EPA's Natural Events Policy.



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**2007 AIR QUALITY
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**

2007

Source/Receptor Area No. Location	Station No. State Code District Code		Carbon Monoxide ^{a)}			Ozone										Nitrogen Dioxide ^{d)}			Sulfur Dioxide ^{e)}				
			No. Days of Data	Max. Conc. in ppm 1-hour	Max. Conc. in ppm 8-hour	No. Days of Data	Max. Conc. in ppm 1-hour	Max. Conc. in ppm 8-hour	Fourth High Conc. ppm 8-hour	No. Days Standard Exceeded					No. Days of Data	Max. Conc. in ppm 1-hour	Annual Average AAM Conc. ppm	No. Days of Data	Max. Conc. in ppm 1-hour	Max. Conc. in ppm 24-hour	Annual Average AAM Conc. ppm		
										Health Advisory ≥ 0.15 ppm 1-hour	Federal ^{b)}			State ^{c)}									
											> 0.12 ppm 1-hour	> 0.08 ppm 8-hour	> 0.075 ppm 8-hour	> 0.09 ppm 1-hour								> 0.070 ppm 8-hour	
LOS ANGELES COUNTY																							
1	Central LA	70087	087	359	3	2.2	355	0.115	0.102	0.072	0	0	2	3	3	6	360	0.10	0.0299	351	0.01	0.003	0.0009
2	Northwest Coastal LA County	70091	091	365	3	1.9	360	0.117	0.087	0.067	0	0	1	2	2	2	353	0.08	0.0200	--	--	--	--
3	Southwest Coastal LA County	70111	820	361	3	2.4	361	0.087	0.074	0.066	0	0	0	0	0	1	331*	0.08	0.0140	361	0.02	0.009	0.0028
4	South Coastal LA County 1	70072	072	347*	3	2.6	365	0.099	0.073	0.056	0	0	0	0	1	1	365	0.11	0.0207	365	0.11	0.011	0.0027
4	South Coastal LA County 2	70110	077	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6	West San Fernando Valley	70074	074	358	4	2.8	358	0.129	0.104	0.092	0	1	8	28	21	43	358	0.08	0.0186	--	--	--	--
7	East San Fernando Valley	70069	069	365	4	2.8	365	0.116	0.096	0.088	0	0	6	13	13	19	363	0.09	0.0289	365	0.01	0.003	0.0010
8	West San Gabriel Valley	70088	088	365	3	2.4	365	0.149	0.100	0.089	0	3	6	11	13	21	365	0.09	0.0246	--	--	--	--
9	East San Gabriel Valley 1	70060	060	365	3	2.0	365	0.158	0.112	0.096	1	3	13	20	22	28	365	0.12	0.0253	--	--	--	--
9	East San Gabriel Valley 2	70591	591	365	2	2.0	364	0.147	0.116	0.104	0	3	14	26	25	40	365	0.11	0.0227	--	--	--	--
10	Pomona/Walnut Valley	70075	075	365	3	2.1	365	0.153	0.108	0.102	1	2	10	18	19	25	365	0.10	0.0318	--	--	--	--
11	South San Gabriel Valley	70185	085	365	5	2.9	364	0.135	0.100	0.079	0	2	2	5	6	9	361	0.11	0.0249	--	--	--	--
12	South Central LA County	70084	084	365	8	5.1	365	0.102	0.077	0.056	0	0	0	1	1	2	365	0.10	0.0291	--	--	--	--
13	Santa Clarita Valley	70090	090	361	2	1.2	357	0.135	0.110	0.101	0	2	16	44	31	64	339*	0.08	0.0196	--	--	--	--
ORANGE COUNTY																							
16	North Orange County	30177	3177	360	6	3.3	365	0.152	0.107	0.082	1	1	2	8	7	9	365	0.08	0.0219	--	--	--	--
17	Central Orange County	30178	3176	346*	4	2.9	365	0.127	0.099	0.073	0	1	1	1	2	7	359	0.10	0.0208	--	--	--	--
18	North Coastal Orange County	30195	3195	362	5	3.1	362	0.082	0.072	0.065	0	0	0	0	0	2	362	0.07	0.0132	358	0.01	0.004	0.0010
19	Saddleback Valley	30002	3812	364	3	2.1	365	0.108	0.089	0.080	0	0	2	5	5	10	--	--	--	--	--	--	--
RIVERSIDE COUNTY																							
22	Norco/Corona	33155	4155	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
23	Metropolitan Riverside County 1	33144	4144	364	4	2.9	365	0.131	0.111	0.099	0	2	15	46	31	69	364	0.07	0.0206	323*	0.02	0.002	0.0017
23	Metropolitan Riverside County 2	33146	4146	365	4	2.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
23	Mira Loma	33165	5214	359	3	2.1	360	0.118	0.104	0.092	0	0	10	23	16	48	349*	0.07	0.0181	--	--	--	--
24	Perris Valley	33149	4149	--	--	--	365	0.139	0.116	0.103	0	4	37	73	66	88	--	--	--	--	--	--	--
25	Lake Elsinore	33158	4158	365	2	2.3	359	0.130	0.108	0.097	0	3	19	35	26	55	358	0.06	0.0174	--	--	--	--
29	Banning Airport	33164	4164	--	--	--	365	0.129	0.113	0.095	0	1	12	43	28	63	363	0.08	0.0147	--	--	--	--
30	Coachella Valley 1**	33137	4137	365	2	1.0	365	0.126	0.101	0.097	0	1	20	58	29	83	365	0.06	0.0103	--	--	--	--
30	Coachella Valley 2**	33155	4157	--	--	--	365	0.106	0.094	0.087	0	0	6	29	8	48	--	--	--	--	--	--	--
SAN BERNARDINO COUNTY																							
32	Northwest San Bernardino Valley	36175	5175	365	2	1.6	365	0.145	0.115	0.112	0	7	18	35	32	55	327*	0.10	0.0276	--	--	--	--
33	Southwest San Bernardino Valley	36025	5817	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
34	Central San Bernardino Valley 1	36197	5197	359	3	1.8	359	0.144	0.122	0.112	0	9	19	43	40	60	358	0.09	0.0239	359	0.01	0.004	0.0019
34	Central San Bernardino Valley 2	36203	5203	365	4	2.3	365	0.153	0.121	0.117	1	8	24	51	48	74	351	0.08	0.0245	--	--	--	--
35	East San Bernardino Valley	36204	5204	--	--	--	365	0.149	0.124	0.112	0	7	25	58	54	79	--	--	--	--	--	--	--
37	Central San Bernardino Mountains	36181	5181	--	--	--	365	0.171	0.137	0.126	4	13	59	93	67	115	--	--	--	--	--	--	--
38	East San Bernardino Mountains	36001	5818	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DISTRICT MAXIMUM					8	5.1		0.171	0.137	0.126	4	13	59	93	67	115		0.12	0.0318		0.11	0.011	0.0028
SOUTH COAST AIR BASIN					8	5.1		0.171	0.137	0.126	5	18	79	108	96	128		0.12	0.0318		0.11	0.011	0.0028

ppm - Parts Per Million parts of air, by volume.

AAM = Annual Arithmetic Mean

-- Pollutant not monitored.

* Less than 12 full months of data; may not be representative.

** Salton Sea Air Basin.

a) - The federal 8-hour standard (8-hour average CO > 9 ppm) and state 8-hour standard (8-hour average CO > 9.0 ppm) were not exceeded.

The federal and state 1-hour standards (35 ppm and 20 ppm) were not exceeded, either.

b) - The federal 1-hour ozone standard was revoked and replaced by the 8-hour average ozone standard effective June 15, 2005. U.S. EPA has revised the federal

8-hour ozone standard from 0.084 ppm to 0.075 ppm, effective May 27, 2008.

c) - The 8-hour average California ozone standard of 0.070 ppm was established effective May 17, 2006.

d) - The federal standard is annual arithmetic mean NO₂ > 0.0534 ppm. California Air Resources Board has revised the NO₂ 1-hour state standard from 0.25 ppm to 0.18 ppm

and has established a new annual standard of 0.030 ppm, effective March 20, 2008.

e) - The state standards are 1-hour average SO₂ > 0.25 ppm and 24-hour average SO₂ > 0.04 ppm. The federal standards are annual

arithmetic mean SO₂ > 0.03 ppm, 24-hour average > 0.14 ppm, and 3-hour average > 0.50 ppm. The federal and state SO₂ standards were not exceeded.



**South Coast
Air Quality Management District**
21865 Copley Drive
Diamond Bar, CA 91765-4182
www.aqmd.gov

The map showing the locations of source/receptor areas can be accessed via the Internet at <http://www.aqmd.gov/telemweb/areamap.aspx>. Locations of source/receptor areas are shown on the "South Coast Air Quality Management District Air Monitoring Areas" map available free of charge from SCAQMD Public Information.

Due to technical difficulties, lead and sulfate data are not available and will be provided at a later time.

**2007 AIR QUALITY
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**

2007 Station No. Source/Receptor Area No. Location State District				Suspended Particulates PM10 ^{d)}				Fine Particulates PM2.5 ^{g)}					Particulates ^{h)}			Lead ^{h)}		Sulfate ^{h)}			
				No. Days of Data	Max. Conc. in µg/m ³ 24-hour	No. (%) Samples Exceeding Standards		Annual Average Conc. ⁱ⁾ µg/m ³	No. Days of Data	Max. Conc. in µg/m ³ 24-hour	98 th Percentile Conc. in µg/m ³ 24-hour	No. (%) Samples Exceeding Federal Standard		Annual Average Conc. ^{k)} µg/m ³	No. Days of Data	Max. Conc. in µg/m ³ 24-hour	Annual Average Conc. (AAM) ³ µg/m ³	Max. Monthly Average Conc. ^{l)} µg/m ³	Max. Quarterly Average Conc. ^{l)} µg/m ³	Max. Conc. ^{l)} in µg/m ³ 24-hour	%Samples Exceeding State Standard ≥ 25 µg/m ³ 24-hour
						> 150 µg/m ³ 24-hour	> 50 µg/m ³ 24-hour					Current > 35 ^{j)} µg/m ³ 24-hour	Old > 65 ^{j)} µg/m ³ 24-hour								
LOS ANGELES COUNTY																					
1	Central LA	70087	087	57	78	0	5(9)	33.3	324	64.2	51.2	20(0.6)	0	16.8	58	194	73.5				
2	Northwest Coastal LA County	70091	091	--	--	--	--	--	--	--	--	--	--	--	57	180	57.6				
3	Southwest Coastal LA County	70111	820	56	96	0	2(4)	27.7	--	--	--	--	--	--	55	286	51.8				
4	South Coastal LA County 1	70072	072	58	75+	0+	5(9)+	30.2+	332	82.9	40.8	12(3.6)	1(0.3)	14.6	59	732	76.5				
4	South Coastal LA County 2	70110	077	57	123+	0+	17(30)+	41.7+	326	68.0	33.7	6(1.8)	1(0.3)	13.7	58	694	79.4				
6	West San Fernando Valley	70074	074	--	--	--	--	--	95	43.3	33.4	1(1.1)	0	13.1	--	--	--				
7	East San Fernando Valley	70069	069	55	109	0	11(20)	40.0	98	56.5	47.7	9(9.2)	0	16.8	--	--	--				
8	West San Gabriel Valley	70088	088	--	--	--	--	--	108	68.9	45.4	3(2.8)	1(0.9)	14.3	56	123	46.3				
9	East San Gabriel Valley 1	70060	060	57	83+	0+	11(19)+	35.6+	292*	63.8	49.3	19(6.5)	0	15.9	58	243	77.8				
9	East San Gabriel Valley 2	70591	591	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
10	Pomona/Walnut Valley	70075	075	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
11	South San Gabriel Valley	70185	085	--	--	--	--	--	101	63.6	49.5	5(5.0)	0	16.7	55	196	76.0				
12	South Central LA County	70084	084	--	--	--	--	--	106	49.0	46.1	4(3.8)	0	15.9	59	327	78.8				
13	Santa Clarita Valley	70090	090	58	131+	0+	5(9)+	29.9+	--	--	--	--	--	--	--	--	--				
ORANGE COUNTY																					
16	North Orange County	30177	3177	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
17	Central Orange County	30178	3176	59	75+	0+	5(9)+	31.0+	336	79.4	46.5	14(4.2)	1(0.3)	14.5	--	--	--				
18	North Coastal Orange County	30195	3195	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
19	Saddleback Valley	30002	3812	58	74	0	3(5)	23.0	98	46.9	35.0	2(2.0)	0	11.3	--	--	--				
RIVERSIDE COUNTY																					
22	Norco/Corona	33155	4155	59	93+	0+	10(17)+	39.6+	--	--	--	--	--	--	--	--	--				
23	Metropolitan Riverside County 1	33144	4144	116	118+	0+	66(51)+	54.7+	295*	75.7	54.3	33(11.2)	3(1.0)	19.1	57	237	111.0				
23	Metropolitan Riverside County 2	33146	4146	--	--	--	--	--	101	68.6	57.3	8(7.9)	1(1.0)	18.1	60	674	88.9				
23	Mira Loma	33165	5214	56	142	0	41(73)	68.5	110	69.7	60.1	13(11.8)	1(0.9)	21.0	--	--	--				
24	Perris Valley	33149	4149	59	120+	0+	32(54)+	54.8+	--	--	--	--	--	--	--	--	--				
25	Lake Elsinore	33158	4158	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
29	Banning Airport	33164	4164	49*	78	0	7(14)	33.3	--	--	--	--	--	--	--	--	--				
30	Coachella Valley 1**	33137	4137	55	83	0	6(11)	30.5	104	32.5	20.5	0	0	8.7	--	--	--				
30	Coachella Valley 2**	33155	4157	87*	146+	0+	51(59)+	53.5+	97	26.8	26.5	0	0	9.8	--	--	--				
SAN BERNARDINO COUNTY																					
32	Northwest San Bernardino Valley	36175	5175	--	--	--	--	--	--	--	--	--	--	--	60	206	63.5				
33	Southwest San Bernardino Valley	36025	5817	58	115+	0+	14(24)+	43.4+	102	72.8	53.0	6(5.9)	1(1.0)	17.9	--	--	--				
34	Central San Bernardino Valley 1	36197	5197	58	111+	0+	33(57)+	54.9+	107	77.5	64.9	10(9.3)	2(1.9)	19.0	58	242	96.2				
34	Central San Bernardino Valley 2	36203	5203	58	136+	0+	28(48)+	51.4+	99	72.1	68.4	11(11.1)	3(3.0)	18.3	59	536	106.9				
35	East San Bernardino Valley	36204	5204	60	97	0	19(32)	39.7	--	--	--	--	--	--	--	--	--				
37	Central San Bernardino Mountains	36181	5181	54	89	0	2(4)	27.2	--	--	--	--	--	--	--	--	--				
38	East San Bernardino Mountains	36001	5818	--	--	--	--	--	54	45.4	34.0	1(1.9)	0	10.4	--	--	--				
DISTRICT MAXIMUM					146+	0+	66+	68.5+		82.9	68.4	33	3	21.0		732	111.0				
SOUTH COAST AIR BASIN					142+	0+	79+	68.5+		82.9	68.4	48	8	21.0		732	111.0				

µg/m³ - Micrograms per cubic meter of air.

AAM = Annual Arithmetic Mean

-- Pollutant not monitored.

* Less than 12 full months of data; may not be representative.

** Salton Sea Air Basin.

f) - PM10 samples were collected every 6 days at all sites except for Station Numbers 4144 and 4157 where samples were collected every 3 days.

g) - PM2.5 samples were collected every 3 days at all sites except for the following sites: Station Numbers 060, 072, 077, 087, 3176, and 4144 where samples were taken every day, and Station Number 5818 where samples were taken every 6 days.

h) - Total suspended particulates, lead, and sulfate were determined from samples collected every 6 days by the high volume sampler method, on glass fiber filter media.

i) - Federal annual PM10 standard (AAM > 50 µg/m³) was revoked effective December 17, 2006. State standard is annual average (AAM) > 20 µg/m³.

j) - U.S. EPA has revised the federal 24-hour PM2.5 standard from 65 µg/m³ to 35 µg/m³; effective December 17, 2006.

k) - Federal PM2.5 standard is annual average (AAM) > 15 µg/m³. State standard is annual average (AAM) > 12 µg/m³.

l) - Federal lead standard is quarterly average > 1.5 µg/m³; and state standard is monthly average ≥ 1.5 µg/m³. Lead and sulfate data analysis is incomplete and data is not available at this time.

+ - The following PM10 data samples were excluded from compliance consideration in accordance with the EPA Exceptional Event Regulation: 210 and 157 µg/m³ on March 22 and April 6, respectively, at Coachella Valley 2 (high wind events); 167 µg/m³ on April 12 at Perris Valley (high wind event); 165 and 155 µg/m³ on July 5 at East San Gabriel 1 and Central San Bernardino Valley 1, respectively (fireworks displays); and high concentration throughout the District on October 21, with a maximum concentration of 559 µg/m³ at Metropolitan Riverside County 1 (high wind and wildfire event).



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**2008 AIR QUALITY
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**

2008

Source/Receptor Area No. Location	Station No.		Carbon Monoxide ^{a)}			Ozone									Nitrogen Dioxide ^{d)}			Sulfur Dioxide ^{e)}						
	State Code	District Code	No. Days of Data	Max. Conc. in ppm 1-hour	Max. Conc. in ppm 8-hour	No. Days of Data	Max. Conc. in ppm 1-hour	Max. Conc. in ppm 8-hour	Fourth High Conc. ppm 8-hour	Health Advisory ppm 1-hour	No. Days Standard Exceeded					No. Days of Data	Max. Conc. in ppm 1-hour	Annual Average AAM Conc. ppm	No. Days of Data	Max. Conc. in ppm 1-hour	Max. Conc. in ppm 24-hour	Annual Average AAM Conc. ppm		
											> 0.12 ppm 1-hour	> 0.08 ppm 8-hour	> 0.075 ppm 8-hour	> 0.09 ppm 1-hour	> 0.070 ppm 8-hour									
											Federal ^{b)}		State ^{c)}											
										ppm	ppm	ppm	ppm	ppm										
LOS ANGELES COUNTY																								
1	Central LA	70087	087	366	3	2.1	356	0.109	0.090	0.073	0	0	1	3	3	7	343	0.12	0.0275	366	0.01	0.002	0.0003	
2	Northwest Coastal LA County	70091	091	366	3	2.0	366	0.11	0.097	0.073	0	0	1	2	3	8	364	0.09	0.0184	--	--	--	--	
3	Southwest Coastal LA County	70111	820	358	4	2.5	360	0.086	0.075	0.065	0	0	0	0	0	1	359	0.10	0.0143	357	0.02	0.005	0.0014	
4	South Coastal LA County 1	70072	072	366	3	2.6	366	0.093	0.074	0.064	0	0	0	0	0	1	366	0.13	0.0208	366	0.09	0.012	0.0022	
4	South Coastal LA County 2	70110	077	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
6	West San Fernando Valley	70074	074	366	4	2.9	366	0.123	0.103	0.095	0	0	14	25	23	40	366	0.09	0.0180	--	--	--	--	
7	East San Fernando Valley	70069	069	366	3	2.6	366	0.133	0.109	0.092	0	1	8	17	20	35	364	0.11	0.0285	366	0.01	0.003	0.0008	
8	West San Gabriel Valley	70088	088	366	3	2.1	366	0.122	0.100	0.091	0	0	6	16	16	26	365	0.11	0.0235	--	--	--	--	
9	East San Gabriel Valley 1	70060	060	366	2	1.6	366	0.135	0.111	0.101	0	7	14	28	34	39	366	0.10	0.0230	--	--	--	--	
9	East San Gabriel Valley 2	70591	591	366	3	3.0	366	0.156	0.118	0.112	2	12	25	45	48	61	366	0.10	0.0182	--	--	--	--	
10	Pomona/Walnut Valley	70075	075	366	3	2.0	366	0.141	0.110	0.100	0	5	19	35	32	47	366	0.11	0.0302	--	--	--	--	
11	South San Gabriel Valley	70185	085	357	3	2.1	366	0.107	0.093	0.077	0	0	1	5	7	13	341	0.10	0.0263	--	--	--	--	
12	South Central LA County	70084	084	310*	6*	4.3*	310*	0.078*	0.060*	0.055*	0*	0*	0*	0*	0*	0*	305*	0.12*	0.0301*	--	--	--	--	
13	Santa Clarita Valley	70090	090	363	2	1.1	363	0.160	0.131	0.108	2	8	35	60	54	81	363	0.07	0.0165	--	--	--	--	
ORANGE COUNTY																								
16	North Orange County	30177	3177	366	5	2.9	366	0.104	0.084	0.078	0	0	0	5	7	15	361	0.09	0.0206	--	--	--	--	
17	Central Orange County	30178	3176	366	4	3.6	366	0.105	0.086	0.076	0	0	1	4	2	10	366	0.09	0.0203	--	--	--	--	
18	North Coastal Orange County	30195	3195	366	3	2.0	366	0.094	0.079	0.075	0	0	0	3	0	6	365	0.08	0.0132	366	0.01	0.003	0.0011	
19	Saddleback Valley	30002	3812	365	2	1.1	365	0.118	0.104	0.092	0	0	6	15	9	25	--	--	--	--	--	--	--	
RIVERSIDE COUNTY																								
22	Norco/Corona	33155	4155	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
23	Metropolitan Riverside County 1	33144	4144	366	3	2.0	366	0.146	0.116	0.111	0	8	38	64	54	88	366	0.09	0.0192	366	0.01	0.003	0.0009	
23	Metropolitan Riverside County 2	33146	4146	366	7	2.0	--	--	--	--	--	--	--	--	--	--	70*	0.09*	0.0258*	--	--	--	--	
23	Mira Loma	33165	5214	366	3	1.9	366	0.135	0.107	0.104	0	4	23	47	38	62	366	0.10	0.0174	--	--	--	--	
24	Perris Valley	33149	4149	--	--	--	366	0.142	0.114	0.106	0	4	41	77	65	94	--	--	--	--	--	--	--	
25	Lake Elsinore	33158	4158	365	1	1.0	365	0.139	0.118	0.108	0	6	32	69	49	92	362	0.06	0.0129	--	--	--	--	
29	Banning Airport	33164	4164	--	--	--	365	0.149	0.120	0.108	0	10	45	74	57	95	366	0.08	0.0128	--	--	--	--	
30	Coachella Valley 1**	33137	4137	366	1	0.6	366	0.11	0.101	0.098	0	0	20	51	26	70	366	0.05	0.0093	--	--	--	--	
30	Coachella Valley 2**	33155	4157	--	--	--	355	0.12	0.092	0.090	0	0	11	27	11	44	--	--	--	--	--	--	--	
SAN BERNARDINO COUNTY																								
32	Northwest San Bernardino Valley	36175	5175	365	2	1.6	365	0.155	0.122	0.111	2	9	30	50	51	65	365	0.09	0.0235	--	--	--	--	
33	Southwest San Bernardino Valley	36025	5817	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
34	Central San Bernardino Valley 1	36197	5197	363	2	1.9	364	0.162	0.124	0.111	1	8	35	58	55	82	364	0.10	0.0207	364	0.01	0.003	0.0018	
34	Central San Bernardino Valley 2	36203	5203	366	2	1.8	366	0.157	0.122	0.113	2	11	43	62	62	90	366	0.09	0.0217	--	--	--	--	
35	East San Bernardino Valley	36204	5204	--	--	--	366	0.154	0.120	0.112	1	12	50	75	72	100	--	--	--	--	--	--	--	
37	Central San Bernardino Mountains	36181	5181	--	--	--	362	0.176	0.126	0.120	2	16	67	97	78	115	--	--	--	--	--	--	--	
38	East San Bernardino Mountains	36001	5818	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DISTRICT MAXIMUM				366	7	4.3	366	0.176	0.131	0.120	2	17	75	97	79	115		0.13	0.0302		0.09	0.012	0.0022	
SOUTH COAST AIR BASIN					7	4.3		0.176	0.131	0.120	7	28	80	120	102	140		0.13	0.0302		0.09	0.012	0.0022	

ppm - Parts Per Million parts of air, by volume. AAM = Annual Arithmetic Mean -- Pollutant not monitored.

* Less than 12 full months of data; may not be representative.

** Salton Sea Air Basin.

a) - The federal 8-hour standard (8-hour average CO > 9 ppm) and state 8-hour standard (8-hour average CO > 9.0 ppm) were not exceeded.

The federal and state 1-hour standards (35 ppm and 20 ppm) were not exceeded, either.

b) - The federal 1-hour ozone standard was revoked and replaced by the 8-hour average ozone standard effective June 15, 2005. U.S. EPA has revised the federal 8-hour ozone standard from 0.084 ppm to 0.075 ppm, effective May 27, 2008.

c) - The 8-hour average California ozone standard of 0.070 ppm was established effective May 17, 2006.

d) - The federal standard is annual arithmetic mean NO₂ > 0.0534 ppm. California Air Resources Board has revised the NO₂ 1-hour state standard from 0.25 ppm to 0.18 ppm and has established a new annual standard of 0.030 ppm, effective March 20, 2008.

e) - The state standards are 1-hour average SO₂ > 0.25 ppm and 24-hour average SO₂ > 0.04 ppm. The federal standards are annual arithmetic mean SO₂ > 0.03 ppm, 24-hour average > 0.14 ppm, and 3-hour average > 0.50 ppm. The federal and state SO₂ standards were not exceeded.



**South Coast
Air Quality Management District**
21865 Copley Drive
Diamond Bar, CA 91765-4182
www.aqmd.gov

The map showing the locations of source/receptor areas can be accessed via the Internet at <http://www.aqmd.gov/telemweb/areamap.aspx>. Locations of source/receptor areas are shown on the "South Coast Air Quality Management District Air Monitoring Areas" map available free of charge from SCAQMD Public Information.

**2008 AIR QUALITY
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**

2008

No.	Source/Receptor Area Location	Station No.		Suspended Particulates PM10 ^{f)}					Fine Particulates PM2.5 ^{g)}					Particulates TSP ^{h)}		Lead ^{h)}		Sulfate ^{h)}			
		State Code	District Code	No. Days of Data	Max. Conc. in µg/m ³ 24-hour	No. (%) Samples Exceeding Standards		Annual Average Conc. ^e (AAM) µg/m ³	No. Days of Data	Max. Conc. in µg/m ³ 24-hour	98 th Percentile Conc. in µg/m ³ 24-hour	No. (%) Samples Exceeding Federal Standard		Annual Average Conc. ^{k)} (AAM) µg/m ³	No. Days of Data	Max. Conc. in µg/m ³ 24-hour	Annual Average Conc. (AAM) µg/m ³	Max. Monthly Average Conc. ^{l)} µg/m ³	Max. Quarterly Average Conc. ^{l)} µg/m ³	Max. Conc. in µg/m ³ 24-hour	% Samples Exceeding State Standard ≥ 25 µg/m ³ 24-hour
		Federal µg/m ³ 24-hour	State µg/m ³ 24-hour			Current > 35 ^{j)} µg/m ³ 24-hour	Old > 65 ^{j)} µg/m ³ 24-hour														
LOS ANGELES COUNTY																					
1	Central LA	70087	087	42*	66*	0*	3(7%)*	32.2*	337	78.3	40.4	10(3.0)	1(0.3)	15.7							
2	Northwest Coastal LA County	70091	091	--	--	--	--	--	--	--	--	--	--	--							
3	Southwest Coastal LA County	70111	820	60	50	0	0(0%)	25.6	--	--	--	--	--	--							
4	South Coastal LA County 1	70072	072	57	62	0	1(2%)	29.1	346	57.2	38.9	8(2.3)	0	14.2							
4	South Coastal LA County 2	70110	077	58	81	0	9(16%)	35.8	349	60.9	36.4	7(2.0)	0	13.7							
6	West San Fernando Valley	70074	074	--	--	--	--	--	113	50.5	26.2	2(1.8)	0	11.9							
7	East San Fernando Valley	70069	069	54	66	0	7(13%)	35.6	116	57.5	34.6	2(1.7)	0	14.1							
8	West San Gabriel Valley	70088	088	--	--	--	--	--	118	66.0	32.1	2(1.7)	1(0.9)	12.9							
9	East San Gabriel Valley 1	70060	060	49	98	0	13(27%)	35.3	321	53.1	34.8	5(1.6)	0	14.1							
9	East San Gabriel Valley 2	70591	591	--	--	--	--	--	--	--	--	--	--	--							
10	Pomona/Walnut Valley	70075	075	--	--	--	--	--	--	--	--	--	--	--							
11	South San Gabriel Valley	70185	085	--	--	--	--	--	114	47.3	38.0	4(3.5)	0	15.0							
12	South Central LA County	70084	084	--	--	--	--	--	118	44.2	36.5	3(2.5)	0	15.5							
13	Santa Clarita Valley	70090	090	57	91	0	2(4%)	25.8	--	--	--	--	--	--							
ORANGE COUNTY																					
16	North Orange County	30177	3177	--	--	--	--	--	--	--	--	--	--	--							
17	Central Orange County	30178	3176	58	61	0	3(5%)	28.6	336	67.9	39.4	13(3.9)	1(0.3)	13.7							
18	North Coastal Orange County	30195	3195	--	--	--	--	--	--	--	--	--	--	--							
19	Saddleback Valley	30002	3812	55	42	0	0(0%)	22.6	120	32.6	27.1	0	0	10.4							
RIVERSIDE COUNTY																					
22	Norco/Corona	33155	4155	61	86	0	9(15%)	34.4	--	--	--	--	--	--							
23	Metropolitan Riverside County 1	33144	4144	119	115	0	49(41%)	47.0	348	57.7	41.5	14(4.0)	0	16.4							
23	Metropolitan Riverside County 2	33146	4146	61	135	0	35(57%)	57.4	116	43.0	39.1	4(3.4)	0	13.4							
23	Mira Loma	33165	5214	--	--	--	--	--	111	50.9	47.1	10(9.0)	0	18.2							
24	Perris Valley	33149	4149	45*	85*	0*	12(27%)*	38.3*	--	--	--	--	--	--							
25	Lake Elsinore	33158	4158	--	--	--	--	--	--	--	--	--	--	--							
29	Banning Airport	33164	4164	56	51	0	1(2%)	26.1	--	--	--	--	--	--							
30	Coachella Valley 1**	33137	4137	52	75	0	4(8%)	24.0	110	18.1	17.1	0	0	7.2							
30	Coachella Valley 2**	33157	4157	114	128	0	27(24%)	39.9	113	21.6	18.8	0	0	8.4							
SAN BERNARDINO COUNTY																					
32	Northwest San Bernardino Valley	36175	5175	--	--	--	--	--	--	--	--	--	--	--							
33	Southwest San Bernardino Valley	36025	5817	62	90	0	15(24%)	38.8	113	54.2	45.0	6(5.3)	0	15.8							
34	Central San Bernardino Valley 1	36197	5197	60	75	0	14(23%)	40.3	112	49.0	47.1	6(5.4)	0	15.4							
34	Central San Bernardino Valley 2	36203	5203	60	76	0	19(32%)	42.7	110	43.5	40.1	3(2.7)	0	13.5							
35	East San Bernardino Valley	36204	5204	61	58	0	4(7%)	29.0	--	--	--	--	--	--							
37	Central San Bernardino Mountains	36181	5181	46	46	0	0(0%)	25.0	--	--	--	--	--	--							
38	East San Bernardino Mountains	36001	5818	--	--	--	--	--	58	36.8	33.3	1(1.7)	0	9.2							
DISTRICT MAXIMUM					135	0	59	57.4		78.3	47.1	14	1	18.2							
SOUTH COAST AIR BASIN					135	0	68	57.4		78.3	47.1	28	2	18.2							

µg/m³ - Micrograms per cubic meter of air.

AAM = Annual Arithmetic Mean

-- - Pollutant not monitored.

* Less than 12 full months of data; may not be representative.

** Salton Sea Air Basin.

f) - PM10 samples were collected every 6 days at all sites except for Station Numbers 4144 and 4157 where samples were collected every 3 days.

g) - PM2.5 samples were collected every 3 days at all sites except for the following sites: Station Numbers 060, 072, 077, 087, 3176, and 4144 where samples were taken every day, and Station Number 5818 where samples were taken every 6 days.

h) - Total suspended particulates, lead, and sulfate were determined from samples collected every 6 days by the high volume sampler method, on glass fiber filter media.

i) - Federal annual PM10 standard (AAM > 50 µg/m³) was revoked effective December 17, 2006. State standard is annual average (AAM) > 20 µg/m³.

j) - U.S. EPA has revised the federal 24-hour PM2.5 standard from 65 µg/m³ to 35 µg/m³; effective December 17, 2006.

k) - Federal PM2.5 standard is annual average (AAM) > 15 µg/m³. State standard is annual average (AAM) > 12 µg/m³.

l) - Federal lead standard is quarterly average > 1.5 µg/m³; and state standard is monthly average ≥ 1.5 µg/m³. U.S. EPA has established the federal standard of 0.15 µg/m³, rolling 3-month average, as of October 15, 2008.



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Carbon Monoxide Modeling

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Title : BURDEN 2008 & 2030
 Version : Emfac2007 V2.3 Nov 1 2006
 Run Date : 2008/09/16 10:48:07
 Scen Year: 2030 -- All model years in the range 1986 to 2030 selected
 Season : Annual
 Area : Los Angeles County Average
 I/M Stat : Enhanced Interim (2005) -- Using I/M schedule for area 59 Los Angeles (SC)
 Emissions: Tons Per Day

----- Light Duty Passenger Cars -----																----- Light Duty Trucks -----				----- Medium Duty Trucks -----				----- Heavy Duty Trucks -----			
	Non-cat			Total	Non-cat			Total	Non-cat			Total	Non-cat			Total	Non-cat			Total	Urban Buses	Motor-cycles	All Vehicles				
	Non-cat	Cat	Diesel		Non-cat	Cat	Diesel		Non-cat	Cat	Diesel		Non-cat	Cat	Diesel		Non-cat	Cat	Diesel					Trucks	Trucks	Trucks	
Vehicles	0.	4001890.	254.	4002150.	0.	2217610.	1718.	2219330.	0.	890264.	39215.	929479.	0.	85967.	85967.	111390.	197357.	5439.	178673.	7532420.							
VMT/1000	0.	127668.	5.	127673.	0.	76242.	43.	76285.	0.	31776.	1859.	33634.	0.	1765.	1765.	11757.	13522.	594.	1307.	253015.							
Trips	0.	24723600.	1198.	24724800.	0.	13511000.	8091.	13519100.	0.	8715590.	490349.	9205940.	0.	836623.	836623.	1996980.	2833610.	21758.	357311.	50662400.							
----- Total Organic Gas Emissions -----																											
Run Exh	0.00	2.78	0.00	2.78	0.00	3.17	0.00	3.18	0.00	1.68	0.18	1.86	0.00	0.16	0.16	3.24	3.39	0.33	4.25	15.79							
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.01	0.16	0.00	0.04	0.04	0.60	0.64	0.00	0.00	0.81							
Start Ex	0.00	1.79	0.00	1.79	0.00	1.86	0.00	1.86	0.00	2.11	0.00	2.11	0.00	0.51	0.51	0.00	0.51	0.03	0.87	7.17							
Total Ex	0.00	4.57	0.00	4.57	0.00	5.03	0.00	5.03	0.00	3.95	0.18	4.13	0.00	0.71	0.71	3.83	4.55	0.36	5.12	23.76							
Diurnal	0.00	0.91	0.00	0.91	0.00	1.02	0.00	1.02	0.00	0.42	0.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.34	2.69							
Hot Soak	0.00	2.39	0.00	2.39	0.00	2.03	0.00	2.03	0.00	0.92	0.00	0.92	0.00	0.02	0.02	0.00	0.02	0.00	0.12	5.48							
Running	0.00	5.73	0.00	5.73	0.00	7.60	0.00	7.60	0.00	4.50	0.00	4.50	0.00	0.28	0.28	0.00	0.28	0.02	0.44	18.57							
Resting	0.00	0.93	0.00	0.93	0.00	1.10	0.00	1.10	0.00	0.46	0.00	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.18	2.67							
Total	0.00	14.52	0.00	14.52	0.00	16.78	0.00	16.78	0.00	10.25	0.18	10.43	0.00	1.02	1.02	3.83	4.86	0.39	6.20	53.17							
----- Carbon Monoxide Emissions -----																											
Run Exh	0.00	84.99	0.00	85.00	0.00	92.75	0.03	92.78	0.00	44.93	1.52	46.45	0.00	4.28	4.28	18.43	22.71	2.62	32.67	282.23							
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.94	0.04	0.98	0.00	0.26	0.26	2.92	3.18	0.00	0.00	4.15							
Start Ex	0.00	27.47	0.00	27.47	0.00	27.47	0.00	27.47	0.00	26.79	0.00	26.79	0.00	8.08	8.08	0.00	8.08	0.33	4.09	94.23							
Total Ex	0.00	112.46	0.00	112.47	0.00	120.22	0.03	120.25	0.00	72.65	1.56	74.21	0.00	12.62	12.62	21.34	33.97	2.96	36.77	380.62							
----- Oxides of Nitrogen Emissions -----																											
Run Exh	0.00	6.20	0.01	6.21	0.00	7.97	0.07	8.04	0.00	4.84	3.04	7.87	0.00	0.90	0.90	32.24	33.13	5.12	1.59	61.97							
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.11	0.12	0.00	0.00	0.00	8.60	8.60	0.00	0.00	8.72							
Start Ex	0.00	1.40	0.00	1.40	0.00	1.79	0.00	1.79	0.00	7.09	0.00	7.09	0.00	1.13	1.13	0.00	1.13	0.05	0.12	11.58							
Total Ex	0.00	7.60	0.01	7.60	0.00	9.76	0.07	9.83	0.00	11.94	3.15	15.09	0.00	2.03	2.03	40.84	42.87	5.17	1.72	82.27							
----- Carbon Dioxide Emissions (000) -----																											
Run Exh	0.00	55.83	0.00	55.83	0.00	42.67	0.02	42.69	0.00	24.46	1.06	25.52	0.00	1.37	1.37	22.51	23.88	1.17	0.25	149.34							
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.04	0.00	0.01	0.01	0.46	0.47	0.00	0.00	0.51							
Start Ex	0.00	1.91	0.00	1.91	0.00	1.33	0.00	1.33	0.00	0.83	0.00	0.83	0.00	0.03	0.03	0.00	0.03	0.00	0.02	4.12							
Total Ex	0.00	57.73	0.00	57.74	0.00	44.01	0.02	44.02	0.00	25.32	1.07	26.39	0.00	1.41	1.41	22.97	24.38	1.18	0.27	153.97							
----- PM10 Emissions -----																											
Run Exh	0.00	1.95	0.00	1.95	0.00	2.71	0.00	2.71	0.00	1.11	0.04	1.15	0.00	0.01	0.01	1.72	1.74	0.10	0.03	7.68							
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.02							
Start Ex	0.00	0.17	0.00	0.17	0.00	0.20	0.00	0.20	0.00	0.10	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48							
Total Ex	0.00	2.12	0.00	2.12	0.00	2.91	0.00	2.91	0.00	1.21	0.04	1.25	0.00	0.02	0.02	1.74	1.76	0.10	0.03	8.18							
TireWear	0.00	1.13	0.00	1.13	0.00	0.67	0.00	0.67	0.00	0.31	0.02	0.33	0.00	0.02	0.02	0.35	0.38	0.01	0.01	2.52							
BrakeWr	0.00	1.77	0.00	1.77	0.00	1.05	0.00	1.05	0.00	0.44	0.03	0.47	0.00	0.03	0.03	0.29	0.32	0.01	0.01	3.62							
Total	0.00	5.02	0.00	5.02	0.00	4.64	0.00	4.64	0.00	1.95	0.09	2.05	0.00	0.07	0.07	2.39	2.46	0.11	0.05	14.32							
Lead	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
SOx	0.00	0.56	0.00	0.56	0.00	0.42	0.00	0.42	0.00	0.24	0.01	0.25	0.00	0.01	0.01	0.22	0.23	0.01	0.00	1.48							
----- Fuel Consumption (000 gallons) -----																											
Gasoline	0.00	5929.99	0.00	5929.99	0.00	4525.98	0.00	4525.98	0.00	2604.83	0.00	2604.83	0.00	146.55	146.55	0.00	146.55	20.51	34.87	13262.73							
Diesel	0.00	0.00	0.16	0.16	0.00	0.00	1.47	1.47	0.00	0.00	96.16	96.16	0.00	0.00	0.00	2067.46	2067.46	88.10	0.00	2253.36							

Title : Crenshaw-Prairie Transit
 Version : Emfac2007 V2.3 Nov 1 2006
 Run Date : 2008/01/30 15:29:19
 Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
 Season : January
 Area : Los Angeles County Average
 I/M Stat : Enhanced Interim (2005) -- Using I/M schedule for area 59 Los Angeles (SC)
 Emissions: Tons Per Day

	Light Duty Passenger Cars				Light Duty Trucks				Medium Duty Trucks				Heavy Duty Trucks			Urban Buses	Motorcycles	All Vehicles		
	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Diesel	Total	Gasoline	Diesel	Total					
Vehicles	53488.	331959.	10057.	338313.	28066.	171110.	13597.	175276.	9384.	660504.	23882.	693770.	5831.	53389.	59220.	73865.	133086.	4283.	135702.	610274.
VMT/1000	878.	114657.	222.	115757.	665.	63801.	439.	64905.	211.	26031.	1266.	27508.	56.	1395.	1451.	7774.	9225.	467.	1001.	218863.
Trips	216127.	21008800.	55414.	21280400.	115372.	10857700.	83427.	11056500.	84436.	6489850.	287862.	6862150.	102177.	714404.	816581.	1324740.	2141330.	17131.	271376.	41628900.
Total Organic Gas Emissions																				
Run Exh	7.33	12.61	0.06	19.99	5.75	9.11	0.06	14.91	1.97	6.63	0.26	8.85	0.51	1.61	2.12	10.09	12.21	0.66	4.59	61.22
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.13	0.00	0.04	0.05	0.77	0.82	0.00	0.00	0.95
Start Ex	1.61	15.11	0.00	16.72	0.86	8.47	0.00	9.33	0.78	7.61	0.00	8.39	1.79	1.65	3.45	0.00	3.45	0.02	0.96	38.86
Total Ex	8.93	27.72	0.06	36.71	6.61	17.57	0.06	24.24	2.75	14.37	0.26	17.38	2.31	3.30	5.61	10.86	16.48	0.69	5.55	101.03
Diurnal	0.14	1.24	0.00	1.38	0.07	0.58	0.00	0.65	0.01	0.21	0.00	0.22	0.00	0.01	0.01	0.00	0.01	0.00	0.11	2.37
Hot Soak	0.95	4.40	0.00	5.36	0.52	2.04	0.00	2.55	0.11	0.88	0.00	0.99	0.07	0.03	0.10	0.00	0.10	0.00	0.20	9.20
Running	4.83	14.57	0.00	19.40	1.69	11.97	0.00	13.66	0.34	6.33	0.00	6.67	0.57	0.40	0.98	0.00	0.98	0.02	1.03	41.76
Resting	0.09	0.78	0.00	0.87	0.05	0.37	0.00	0.42	0.01	0.14	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.06	1.50
Total	14.95	48.71	0.06	63.72	8.94	32.53	0.06	41.53	3.21	21.93	0.26	25.39	2.96	3.74	6.70	10.86	17.56	0.71	6.95	155.86
Carbon Monoxide Emissions																				
Run Exh	82.73	295.04	0.22	377.99	62.91	228.13	0.34	291.37	33.28	116.02	1.20	150.50	14.80	26.59	41.39	38.03	79.42	4.50	55.27	959.06
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.73	0.02	0.77	0.03	0.23	0.26	3.21	3.47	0.00	0.00	4.24
Start Ex	7.50	166.27	0.00	173.77	4.07	103.63	0.00	107.70	4.52	91.52	0.00	96.03	12.89	27.88	40.77	0.00	40.77	0.33	3.21	421.82
Total Ex	90.22	461.32	0.22	551.76	66.98	331.76	0.34	399.07	37.81	208.27	1.22	247.30	27.72	54.71	82.42	41.24	123.66	4.83	58.48	1385.11
Oxides of Nitrogen Emissions																				
Run Exh	4.71	33.76	0.37	38.85	3.54	34.84	0.74	39.12	1.55	23.02	8.91	33.48	0.42	6.91	7.33	136.64	143.97	9.78	1.58	266.78
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.06	0.07	0.00	0.00	0.00	4.96	4.96	0.00	0.00	5.03
Start Ex	0.36	9.49	0.00	9.86	0.19	7.74	0.00	7.93	0.13	10.25	0.00	10.38	0.22	2.85	3.06	0.00	3.06	0.03	0.10	31.37
Total Ex	5.07	43.26	0.37	48.70	3.73	42.58	0.74	47.05	1.69	33.28	8.97	43.94	0.64	9.76	10.40	141.60	152.00	9.81	1.68	303.18
Carbon Dioxide Emissions (000)																				
Run Exh	0.52	49.54	0.09	50.15	0.39	34.16	0.17	34.73	0.16	19.22	0.72	20.10	0.04	1.04	1.08	14.77	15.85	1.21	0.15	122.19
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.03	0.00	0.01	0.01	0.30	0.30	0.00	0.00	0.33
Start Ex	0.05	1.69	0.00	1.74	0.03	1.08	0.00	1.10	0.02	0.62	0.00	0.64	0.02	0.03	0.05	0.00	0.05	0.00	0.02	3.55
Total Ex	0.57	51.23	0.09	51.89	0.42	35.24	0.17	35.83	0.18	19.86	0.73	20.77	0.07	1.08	1.14	15.06	16.21	1.21	0.16	126.07
PM10 Emissions																				
Run Exh	0.03	1.40	0.04	1.47	0.03	1.56	0.03	1.62	0.01	0.65	0.06	0.72	0.00	0.01	0.02	5.72	5.74	0.15	0.05	9.74
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.12	0.00	0.00	0.12
Start Ex	0.00	0.13	0.00	0.13	0.00	0.13	0.00	0.13	0.00	0.06	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.33
Total Ex	0.04	1.53	0.04	1.61	0.03	1.69	0.03	1.75	0.01	0.71	0.06	0.78	0.00	0.02	0.02	5.85	5.86	0.15	0.05	10.20
TireWear	0.01	1.01	0.00	1.02	0.01	0.56	0.00	0.57	0.00	0.25	0.02	0.27	0.00	0.02	0.02	0.23	0.25	0.00	0.00	2.11
BrakeWr	0.01	1.59	0.00	1.60	0.01	0.88	0.01	0.90	0.00	0.36	0.02	0.38	0.00	0.02	0.02	0.19	0.21	0.01	0.01	3.10
Total	0.06	4.13	0.04	4.23	0.04	3.13	0.04	3.22	0.01	1.31	0.10	1.42	0.00	0.06	0.06	6.26	6.32	0.16	0.06	15.42
Lead	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOx	0.01	0.50	0.00	0.51	0.01	0.34	0.00	0.35	0.00	0.19	0.01	0.20	0.00	0.01	0.01	0.14	0.16	0.01	0.00	1.23
Fuel Consumption (000 gallons)																				
Gasoline	75.47	5327.65	0.00	5403.13	55.79	3666.61	0.00	3722.39	25.21	2071.53	0.00	2096.75	11.87	120.29	132.16	0.00	132.16	9.71	27.67	11391.81
Diesel	0.00	0.00	8.03	8.03	0.00	0.00	15.19	15.19	0.00	0.00	65.40	65.40	0.00	0.00	0.00	1355.56	1355.56	101.16	0.00	1545.34

Title : Crenshaw-Prairie Transit
 Version : Emfac2007 V2.3 Nov 1 2006
 Run Date : 2008/01/30 15:29:19
 Scen Year: 2030 -- All model years in the range 1986 to 2030 selected
 Season : January

Area : Los Angeles County Average
 I/M Stat : Enhanced Interim (2005) -- Using I/M schedule for area 59 Los Angeles (SC)
 Emissions: Tons Per Day

	Light Duty Passenger Cars				Light Duty Trucks				Medium Duty Trucks				Heavy Duty Trucks			Urban Buses	Motor-cycles	All Vehicles		
	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Diesel	Total	Gasoline Trucks	Diesel Trucks	Total HD Trucks					
Vehicles	0.	4001890.	254.	4002150.	0.	2217610.	1718.	2219330.	0.	890264.	39215.	929479.	0.	85967.	85967.	111390.	197357.	5439.	178673.	7532420.
VMT/1000	0.	127668.	5.	127673.	0.	76242.	43.	76285.	0.	31776.	1859.	33634.	0.	1765.	1765.	11757.	13522.	594.	1307.	253015.
Trips	0.	24723600.	1198.	24724800.	0.	13511000.	8091.	13519100.	0.	8715590.	490349.	9205940.	0.	836623.	836623.	1996980.	2833610.	21758.	357311.	50662400.
----- Total Organic Gas Emissions -----																				
Run Exh	0.00	2.68	0.00	2.68	0.00	3.06	0.00	3.07	0.00	1.62	0.18	1.80	0.00	0.15	0.15	3.24	3.39	0.33	4.40	15.66
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.01	0.16	0.00	0.04	0.04	0.65	0.69	0.00	0.00	0.85
Start Ex	0.00	2.14	0.00	2.14	0.00	2.21	0.00	2.21	0.00	2.49	0.00	2.49	0.00	0.60	0.60	0.00	0.60	0.03	1.02	8.49
Total Ex	0.00	4.82	0.00	4.82	0.00	5.27	0.00	5.28	0.00	4.27	0.18	4.45	0.00	0.79	0.79	3.88	4.68	0.37	5.42	25.01
Diurnal	0.00	0.54	0.00	0.54	0.00	0.55	0.00	0.55	0.00	0.22	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.14	1.45
Hot Soak	0.00	2.46	0.00	2.46	0.00	2.08	0.00	2.08	0.00	0.95	0.00	0.95	0.00	0.02	0.02	0.00	0.02	0.00	0.14	5.65
Running	0.00	6.84	0.00	6.84	0.00	9.33	0.00	9.33	0.00	5.36	0.00	5.36	0.00	0.31	0.31	0.00	0.31	0.03	0.56	22.43
Resting	0.00	0.59	0.00	0.59	0.00	0.65	0.00	0.65	0.00	0.27	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.07	1.58
Total	0.00	15.24	0.00	15.24	0.00	17.88	0.00	17.89	0.00	11.07	0.18	11.25	0.00	1.13	1.13	3.88	5.01	0.39	6.32	56.11
----- Carbon Monoxide Emissions -----																				
Run Exh	0.00	82.03	0.00	82.03	0.00	89.66	0.03	89.70	0.00	43.44	1.52	44.96	0.00	4.17	4.17	18.43	22.60	2.58	35.44	277.30
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.94	0.04	0.98	0.00	0.26	0.26	3.92	4.18	0.00	0.00	5.16
Start Ex	0.00	34.63	0.00	34.63	0.00	34.62	0.00	34.62	0.00	34.27	0.00	34.27	0.00	10.47	10.47	0.00	10.47	0.41	4.92	119.33
Total Ex	0.00	116.66	0.00	116.66	0.00	124.29	0.03	124.32	0.00	78.65	1.56	80.21	0.00	14.91	14.91	22.35	37.26	2.99	40.36	401.79
----- Oxides of Nitrogen Emissions -----																				
Run Exh	0.00	7.13	0.01	7.13	0.00	9.17	0.07	9.24	0.00	5.53	3.17	8.70	0.00	1.01	1.01	33.72	34.73	5.38	1.80	66.99
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.11	0.12	0.00	0.00	0.00	8.21	8.22	0.00	0.00	8.34
Start Ex	0.00	1.52	0.00	1.52	0.00	1.94	0.00	1.94	0.00	7.52	0.00	7.52	0.00	1.19	1.19	0.00	1.19	0.06	0.13	12.35
Total Ex	0.00	8.64	0.01	8.65	0.00	11.11	0.07	11.18	0.00	13.06	3.28	16.34	0.00	2.20	2.20	41.94	44.14	5.44	1.93	87.68
----- Carbon Dioxide Emissions (000) -----																				
Run Exh	0.00	54.45	0.00	54.45	0.00	41.66	0.02	41.68	0.00	23.98	1.06	25.05	0.00	1.37	1.37	22.51	23.88	1.17	0.25	146.47
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.04	0.00	0.01	0.01	0.43	0.44	0.00	0.00	0.48
Start Ex	0.00	1.91	0.00	1.91	0.00	1.33	0.00	1.33	0.00	0.83	0.00	0.83	0.00	0.03	0.03	0.00	0.03	0.00	0.02	4.12
Total Ex	0.00	56.35	0.00	56.36	0.00	42.99	0.02	43.01	0.00	24.85	1.07	25.91	0.00	1.41	1.41	22.94	24.35	1.18	0.27	151.07
----- PM10 Emissions -----																				
Run Exh	0.00	1.95	0.00	1.95	0.00	2.71	0.00	2.71	0.00	1.11	0.04	1.15	0.00	0.01	0.01	1.72	1.74	0.10	0.03	7.68
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.02
Start Ex	0.00	0.17	0.00	0.17	0.00	0.20	0.00	0.20	0.00	0.10	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48
Total Ex	0.00	2.12	0.00	2.12	0.00	2.91	0.00	2.91	0.00	1.21	0.04	1.25	0.00	0.02	0.02	1.74	1.76	0.10	0.03	8.18
TireWear	0.00	1.13	0.00	1.13	0.00	0.67	0.00	0.67	0.00	0.31	0.02	0.33	0.00	0.02	0.02	0.35	0.38	0.01	0.01	2.52
BrakeWr	0.00	1.77	0.00	1.77	0.00	1.05	0.00	1.05	0.00	0.44	0.03	0.47	0.00	0.03	0.03	0.29	0.32	0.01	0.01	3.62
Total	0.00	5.02	0.00	5.02	0.00	4.64	0.00	4.64	0.00	1.95	0.09	2.05	0.00	0.07	0.07	2.39	2.46	0.11	0.05	14.32
Lead	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOx	0.00	0.54	0.00	0.54	0.00	0.41	0.00	0.41	0.00	0.24	0.01	0.25	0.00	0.01	0.01	0.22	0.23	0.01	0.00	1.45
----- Fuel Consumption (000 gallons) -----																				
Gasoline	0.00	5789.53	0.00	5789.53	0.00	4422.97	0.00	4422.97	0.00	2557.54	0.00	2557.54	0.00	146.95	146.95	0.00	146.95	20.52	35.54	12973.04
Diesel	0.00	0.00	0.16	0.16	0.00	0.00	1.47	1.47	0.00	0.00	96.16	96.16	0.00	0.00	0.00	2064.45	2064.45	88.10	0.00	2250.35

TAHA AIR QUALITY ASSUMPTIONS & INPUTS

Project:	Crenshaw Prairie Transit
Project Number:	2006-126
Existing Year:	2008
Analysis Year:	2030
Existing VMT (from EMFAC2007):	218,863,000
Project VMT (from EMFAC2007):	253,015,000
EMFAC Model:	EMFAC2002
Existing CO Emissions:	1,290.690
Project Year CO Emissions:	380.620
Persistence Factor:	0.7
Existing 8-Hr Ambient CO Concentration (ppm):	3.10
Existing 1-Hr Ambient CO Concentration (ppm):	4.00

EMFAC Assumptions	
Season/Month:	Annual
Temperature:	63°F
Speed:	20 mph
Source: Transportation Project-Level Carbon Monoxide Protocol, 12/1997	

CAL3QHC INPUTS			
Project Scenario:	Existing	Future Pre-Project	Future Project
Project Year:	2008	2030	2030
Average Time (seconds):	60	60	60
Surface Roughness Factor:	100	100	100
Emissions Factor - Free Flow Link (g/veh-mile):	4.746	1.166	1.166
Emissions Factor - Idle (g/veh-hr):	5.129	5.472	5.472
Saturation Flow Rate (veh/hr):	1600	1600	1600
Receptor Height (Z-Coordinate) (feet):	5.4	5.4	5.4
Wind Speed (m/s):	1	1	1
Stability Class:	F	F	F
Ambient 1-Hr CO Concentration (ppm):	4.00	1.36	1.36
Ambient 8-Hr CO Concentration (ppm):	3.10	1.06	1.06

JOB: D:\00Projects\Crenshaw Prairie Transit\A

RUN: Aviation/Century - Existing 2008

DATE : 9/16/ 8
 TIME : 13:58:48

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. nba	*	524.0	.0	524.0	500.0	*	500.	360. AG	1319.	4.8	.0	68.0	
2. nbd	*	524.0	500.0	524.0	1000.0	*	500.	360. AG	978.	4.8	.0	44.0	
3. nbq	*	524.0	440.0	524.0	377.0	*	63.	180. AG	32.	100.0	.0	48.0	.62 3.2
4. sba	*	476.0	1000.0	476.0	500.0	*	500.	180. AG	692.	4.8	.0	68.0	
5. sbd	*	476.0	500.0	476.0	.0	*	500.	180. AG	764.	4.8	.0	44.0	
6. sbq	*	476.0	560.0	476.0	526.9	*	33.	180. AG	32.	100.0	.0	48.0	.32 1.7
7. eba	*	.0	470.0	500.0	470.0	*	500.	90. AG	1276.	4.8	.0	80.0	
8. ebd	*	500.0	470.0	1000.0	470.0	*	500.	90. AG	1091.	4.8	.0	68.0	
9. ebq	*	452.0	470.0	421.3	470.0	*	31.	270. AG	25.	100.0	.0	80.0	.29 1.6
10. wba	*	1000.0	530.0	500.0	530.0	*	500.	270. AG	1867.	4.8	.0	80.0	
11. wbd	*	500.0	530.0	.0	530.0	*	500.	270. AG	2321.	4.8	.0	68.0	
12. wbq	*	548.0	530.0	592.9	530.0	*	45.	90. AG	25.	100.0	.0	60.0	.42 2.3

JOB: D:\00Projects\Crenshaw Prairie Transit\A

RUN: Aviation/Century - Existing 2008

DATE : 9/16/ 8
 TIME : 13:58:48

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	35	3.0	1319	1600	5.13	3	3
6. sbq	*	60	35	3.0	692	1600	5.13	3	3
9. ebq	*	60	22	3.0	1276	1600	5.13	3	3
12. wbq	*	60	22	3.0	1867	1600	5.13	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	442.0	570.0	5.4	*
2. ne	*	558.0	570.0	5.4	*
3. sw	*	442.0	430.0	5.4	*
4. se	*	558.0	430.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION REC1	CONCENTRATION REC2	CONCENTRATION REC3	CONCENTRATION REC4
0.	.2	.1	.6	.7
10.	.4	.0	.8	.3
20.	.4	.0	.8	.3
30.	.3	.0	.7	.4
40.	.2	.0	.5	.4
50.	.2	.0	.7	.4
60.	.2	.0	.6	.4
70.	.2	.0	.8	.6
80.	.2	.1	.8	.5
90.	.5	.4	.6	.2
100.	.9	.7	.3	.0
110.	1.0	.7	.3	.0
120.	.8	.5	.3	.0
130.	.9	.4	.3	.0
140.	.8	.4	.3	.0
150.	1.0	.5	.4	.0
160.	.8	.5	.4	.0
170.	.9	.4	.3	.1
180.	.6	.8	.1	.3
190.	.4	.9	.0	.6
200.	.4	.8	.0	.6
210.	.4	.8	.0	.5
220.	.5	.8	.0	.5
230.	.5	.6	.0	.4
240.	.7	.9	.0	.4
250.	.8	1.1	.0	.4
260.	.9	1.2	.1	.4
270.	.3	.7	.3	.6
280.	.0	.2	.6	1.1
290.	.0	.2	.6	.9
300.	.0	.2	.6	.8
310.	.0	.3	.5	.7
320.	.0	.3	.4	.6
330.	.0	.3	.4	.8
340.	.0	.4	.5	.8
350.	.0	.4	.5	.9
360.	.2	.1	.6	.7
MAX	1.0	1.2	.8	1.1
DEGR.	110	260	10	280

THE HIGHEST CONCENTRATION OF 1.20 PPM OCCURRED AT RECEPTOR REC2 .

JOB: D:\00Projects\Crenshaw Prairie Transit\A

RUN: Aviation/Century - No Build 2030

DATE : 9/16/ 8
 TIME : 14: 2:17

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. nba	*	524.0	.0	524.0	500.0	*	500.	360. AG	1717.	1.2	.0	68.0	
2. nbd	*	524.0	500.0	524.0	1000.0	*	500.	360. AG	1139.	1.2	.0	44.0	
3. nbq	*	524.0	440.0	524.0	332.8	*	107.	180. AG	35.	100.0	.0	48.0	.85 5.4
4. sba	*	476.0	1000.0	476.0	500.0	*	500.	180. AG	883.	1.2	.0	68.0	
5. sbd	*	476.0	500.0	476.0	.0	*	500.	180. AG	896.	1.2	.0	44.0	
6. sbq	*	476.0	560.0	476.0	516.7	*	43.	180. AG	35.	100.0	.0	48.0	.43 2.2
7. eba	*	.0	470.0	500.0	470.0	*	500.	90. AG	1703.	1.2	.0	80.0	
8. ebd	*	500.0	470.0	1000.0	470.0	*	500.	90. AG	1525.	1.2	.0	68.0	
9. ebq	*	452.0	470.0	413.0	470.0	*	39.	270. AG	26.	100.0	.0	80.0	.38 2.0
10. wba	*	1000.0	530.0	500.0	530.0	*	500.	270. AG	2643.	1.2	.0	80.0	
11. wbd	*	500.0	530.0	.0	530.0	*	500.	270. AG	3386.	1.2	.0	68.0	
12. wbq	*	548.0	530.0	608.6	530.0	*	61.	90. AG	26.	100.0	.0	60.0	.58 3.1

JOB: D:\00Projects\Crenshaw Prairie Transit\A

RUN: Aviation/Century - No Build 2030

DATE : 9/16/ 8
 TIME : 14: 2:17

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	36	3.0	1717	1600	5.47	3	3
6. sbq	*	60	36	3.0	883	1600	5.47	3	3
9. ebq	*	60	21	3.0	1703	1600	5.47	3	3
12. wbq	*	60	21	3.0	2643	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	442.0	570.0	5.4	*
2. ne	*	558.0	570.0	5.4	*
3. sw	*	442.0	430.0	5.4	*
4. se	*	558.0	430.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4
0.	.1	.0	.3	.2
10.	.1	.0	.4	.2
20.	.1	.0	.3	.2
30.	.0	.0	.1	.2
40.	.0	.0	.2	.2
50.	.0	.0	.2	.2
60.	.0	.0	.1	.2
70.	.0	.0	.2	.2
80.	.0	.0	.2	.1
90.	.1	.1	.2	.1
100.	.2	.2	.1	.0
110.	.4	.3	.1	.0
120.	.3	.1	.1	.0
130.	.2	.2	.1	.0
140.	.2	.2	.1	.0
150.	.4	.2	.1	.0
160.	.4	.2	.2	.0
170.	.3	.2	.1	.0
180.	.1	.3	.0	.1
190.	.1	.3	.0	.3
200.	.1	.2	.0	.2
210.	.1	.1	.0	.2
220.	.1	.1	.0	.2
230.	.1	.1	.0	.2
240.	.3	.4	.0	.2
250.	.3	.5	.0	.2
260.	.3	.3	.0	.2
270.	.1	.1	.1	.3
280.	.0	.0	.2	.4
290.	.0	.0	.2	.3
300.	.0	.0	.2	.2
310.	.0	.0	.2	.2
320.	.0	.1	.2	.2
330.	.0	.1	.3	.2
340.	.0	.1	.3	.3
350.	.0	.1	.3	.4
360.	.1	.0	.3	.2
MAX	.4	.5	.4	.4
DEGR.	110	250	10	280

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC2 .

JOB: D:\00Projects\Crenshaw Prairie Transit\A RUN: Aviation/Century - BRT 2030

DATE : 9/16/ 8
 TIME : 14: 4:10

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. nba	*	524.0	.0	524.0	500.0	*	500.	360. AG	1724.	1.2	.0	68.0	
2. nbd	*	524.0	500.0	524.0	1000.0	*	500.	360. AG	1143.	1.2	.0	44.0	
3. nbq	*	524.0	440.0	524.0	331.4	*	109.	180. AG	35.	100.0	.0	48.0	.85 5.5
4. sba	*	476.0	1000.0	476.0	500.0	*	500.	180. AG	889.	1.2	.0	68.0	
5. sbd	*	476.0	500.0	476.0	.0	*	500.	180. AG	905.	1.2	.0	44.0	
6. sbq	*	476.0	560.0	476.0	516.3	*	44.	180. AG	35.	100.0	.0	48.0	.44 2.2
7. eba	*	.0	470.0	500.0	470.0	*	500.	90. AG	1705.	1.2	.0	80.0	
8. ebd	*	500.0	470.0	1000.0	470.0	*	500.	90. AG	1524.	1.2	.0	68.0	
9. ebq	*	452.0	470.0	412.8	470.0	*	39.	270. AG	26.	100.0	.0	80.0	.38 2.0
10. wba	*	1000.0	530.0	500.0	530.0	*	500.	270. AG	2656.	1.2	.0	80.0	
11. wbd	*	500.0	530.0	.0	530.0	*	500.	270. AG	3402.	1.2	.0	68.0	
12. wbq	*	548.0	530.0	609.0	530.0	*	61.	90. AG	26.	100.0	.0	60.0	.59 3.1

JOB: D:\00Projects\Crenshaw Prairie Transit\A RUN: Aviation/Century - BRT 2030

DATE : 9/16/ 8
 TIME : 14: 4:10

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	36	3.0	1724	1600	5.47	3	3
6. sbq	*	60	36	3.0	889	1600	5.47	3	3
9. ebq	*	60	21	3.0	1705	1600	5.47	3	3
12. wbq	*	60	21	3.0	2656	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	442.0	570.0	5.4	*
2. ne	*	558.0	570.0	5.4	*
3. sw	*	442.0	430.0	5.4	*
4. se	*	558.0	430.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4
0.	.1	.0	.3	.2
10.	.1	.0	.4	.2
20.	.1	.0	.3	.2
30.	.0	.0	.1	.2
40.	.0	.0	.2	.2
50.	.0	.0	.2	.2
60.	.0	.0	.1	.2
70.	.0	.0	.2	.2
80.	.0	.0	.2	.1
90.	.1	.1	.2	.1
100.	.2	.2	.1	.0
110.	.4	.3	.1	.0
120.	.3	.1	.1	.0
130.	.2	.2	.1	.0
140.	.2	.2	.1	.0
150.	.4	.2	.1	.0
160.	.4	.2	.2	.0
170.	.3	.2	.1	.0
180.	.1	.3	.0	.1
190.	.1	.3	.0	.3
200.	.1	.2	.0	.2
210.	.1	.1	.0	.2
220.	.1	.1	.0	.2
230.	.1	.1	.0	.2
240.	.3	.4	.0	.2
250.	.3	.5	.0	.2
260.	.3	.3	.0	.2
270.	.1	.1	.1	.3
280.	.0	.0	.2	.4
290.	.0	.0	.2	.3
300.	.0	.0	.2	.2
310.	.0	.0	.2	.2
320.	.0	.1	.2	.2
330.	.0	.1	.3	.2
340.	.0	.1	.3	.3
350.	.0	.1	.3	.4
360.	.1	.0	.3	.2
MAX	.4	.5	.4	.4
DEGR.	110	250	10	280

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC2 .

JOB: D:\00Projects\Crenshaw Prairie Transit\A RUN: Aviation/Century - TSM 2030

DATE : 9/16/ 8
 TIME : 14: 6:15

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. nba	*	524.0	.0	524.0	500.0	*	500.	360. AG	1715.	1.2	.0	68.0	
2. nbd	*	524.0	500.0	524.0	1000.0	*	500.	360. AG	1142.	1.2	.0	44.0	
3. nbq	*	524.0	440.0	524.0	333.5	*	106.	180. AG	35.	100.0	.0	48.0	.85 5.4
4. sba	*	476.0	1000.0	476.0	500.0	*	500.	180. AG	880.	1.2	.0	68.0	
5. sbd	*	476.0	500.0	476.0	.0	*	500.	180. AG	895.	1.2	.0	44.0	
6. sbq	*	476.0	560.0	476.0	516.7	*	43.	180. AG	35.	100.0	.0	48.0	.43 2.2
7. eba	*	.0	470.0	500.0	470.0	*	500.	90. AG	1699.	1.2	.0	80.0	
8. ebd	*	500.0	470.0	1000.0	470.0	*	500.	90. AG	1519.	1.2	.0	68.0	
9. ebq	*	452.0	470.0	413.1	470.0	*	39.	270. AG	26.	100.0	.0	80.0	.37 2.0
10. wba	*	1000.0	530.0	500.0	530.0	*	500.	270. AG	2635.	1.2	.0	80.0	
11. wbd	*	500.0	530.0	.0	530.0	*	500.	270. AG	3373.	1.2	.0	68.0	
12. wbq	*	548.0	530.0	608.5	530.0	*	61.	90. AG	26.	100.0	.0	60.0	.58 3.1

JOB: D:\00Projects\Crenshaw Prairie Transit\A RUN: Aviation/Century - TSM 2030

DATE : 9/16/ 8
 TIME : 14: 6:15

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	36	3.0	1715	1600	5.47	3	3
6. sbq	*	60	36	3.0	880	1600	5.47	3	3
9. ebq	*	60	21	3.0	1699	1600	5.47	3	3
12. wbq	*	60	21	3.0	2635	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	442.0	570.0	5.4	*
2. ne	*	558.0	570.0	5.4	*
3. sw	*	442.0	430.0	5.4	*
4. se	*	558.0	430.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION REC1	CONCENTRATION REC2	CONCENTRATION REC3	CONCENTRATION REC4
0.	.1	.0	.3	.2
10.	.1	.0	.4	.1
20.	.1	.0	.3	.2
30.	.0	.0	.1	.2
40.	.0	.0	.2	.2
50.	.0	.0	.2	.2
60.	.0	.0	.1	.2
70.	.0	.0	.2	.2
80.	.0	.0	.2	.1
90.	.1	.1	.2	.1
100.	.2	.2	.1	.0
110.	.4	.3	.1	.0
120.	.3	.1	.1	.0
130.	.2	.2	.1	.0
140.	.2	.2	.1	.0
150.	.4	.2	.1	.0
160.	.4	.2	.2	.0
170.	.3	.2	.1	.0
180.	.1	.3	.0	.1
190.	.1	.3	.0	.3
200.	.1	.2	.0	.2
210.	.1	.1	.0	.2
220.	.1	.1	.0	.2
230.	.1	.1	.0	.2
240.	.3	.4	.0	.2
250.	.3	.5	.0	.2
260.	.3	.3	.0	.2
270.	.1	.1	.1	.3
280.	.0	.0	.2	.4
290.	.0	.0	.2	.3
300.	.0	.0	.2	.2
310.	.0	.0	.2	.2
320.	.0	.1	.2	.2
330.	.0	.1	.3	.2
340.	.0	.1	.3	.3
350.	.0	.1	.3	.4
360.	.1	.0	.3	.2
MAX	.4	.5	.4	.4
DEGR.	110	250	10	280

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC2 .

JOB: D:\00Projects\Crenshaw Prairie Transit\A RUN: Aviation/Century - LRT 2030

DATE : 9/17/ 8
 TIME : 11:12:42

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. nba	*	524.0	.0	524.0	500.0	*	500.	360. AG	1712.	1.2	.0	68.0	
2. nbd	*	524.0	500.0	524.0	1000.0	*	500.	360. AG	1137.	1.2	.0	44.0	
3. nbq	*	524.0	440.0	524.0	333.5	*	106.	180. AG	35.	100.0	.0	48.0	.85 5.4
4. sba	*	476.0	1000.0	476.0	500.0	*	500.	180. AG	878.	1.2	.0	68.0	
5. sbd	*	476.0	500.0	476.0	.0	*	500.	180. AG	890.	1.2	.0	44.0	
6. sbq	*	476.0	560.0	476.0	516.9	*	43.	180. AG	35.	100.0	.0	48.0	.43 2.2
7. eba	*	.0	470.0	500.0	470.0	*	500.	90. AG	1691.	1.2	.0	80.0	
8. ebd	*	500.0	470.0	1000.0	470.0	*	500.	90. AG	1513.	1.2	.0	68.0	
9. ebq	*	452.0	470.0	413.2	470.0	*	39.	270. AG	26.	100.0	.0	80.0	.37 2.0
10. wba	*	1000.0	530.0	500.0	530.0	*	500.	270. AG	2637.	1.2	.0	80.0	
11. wbd	*	500.0	530.0	.0	530.0	*	500.	270. AG	3378.	1.2	.0	68.0	
12. wbq	*	548.0	530.0	608.5	530.0	*	61.	90. AG	26.	100.0	.0	60.0	.58 3.1

JOB: D:\00Projects\Crenshaw Prairie Transit\A RUN: Aviation/Century - LRT 2030

DATE : 9/17/ 8
 TIME : 11:12:42

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	36	3.0	1712	1600	5.47	3	3
6. sbq	*	60	36	3.0	878	1600	5.47	3	3
9. ebq	*	60	21	3.0	1691	1600	5.47	3	3
12. wbq	*	60	21	3.0	2637	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	442.0	570.0	5.4	*
2. ne	*	558.0	570.0	5.4	*
3. sw	*	442.0	430.0	5.4	*
4. se	*	558.0	430.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION REC1	CONCENTRATION REC2	CONCENTRATION REC3	CONCENTRATION REC4
0.	.1	.0	.3	.2
10.	.1	.0	.4	.1
20.	.1	.0	.3	.2
30.	.0	.0	.1	.2
40.	.0	.0	.2	.2
50.	.0	.0	.2	.2
60.	.0	.0	.1	.2
70.	.0	.0	.2	.2
80.	.0	.0	.2	.1
90.	.1	.1	.2	.1
100.	.2	.2	.1	.0
110.	.4	.3	.1	.0
120.	.3	.1	.1	.0
130.	.2	.2	.1	.0
140.	.2	.2	.1	.0
150.	.4	.2	.1	.0
160.	.4	.2	.2	.0
170.	.3	.2	.1	.0
180.	.1	.3	.0	.1
190.	.1	.3	.0	.3
200.	.1	.2	.0	.2
210.	.1	.1	.0	.2
220.	.1	.1	.0	.2
230.	.1	.1	.0	.2
240.	.3	.4	.0	.2
250.	.3	.5	.0	.2
260.	.3	.3	.0	.2
270.	.1	.1	.1	.3
280.	.0	.0	.2	.4
290.	.0	.0	.2	.3
300.	.0	.0	.2	.2
310.	.0	.0	.2	.2
320.	.0	.1	.2	.2
330.	.0	.1	.3	.2
340.	.0	.1	.3	.3
350.	.0	.1	.3	.4
360.	.1	.0	.3	.2
MAX	.4	.5	.4	.4
DEGR.	110	250	10	280

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC2 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Adams - Existing 2008

DATE : 9/16/ 8
 TIME : 14:20: 6

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	*	524.0	.0	524.0	500.0	*	500.	360. AG	2355.	4.8	.0	68.0		
2. nbd	*	524.0	500.0	524.0	1000.0	*	500.	360. AG	2352.	4.8	.0	56.0		
3. nbq	*	524.0	464.0	524.0	402.9	*	61.	180. AG	17.	100.0	.0	48.0	.61	3.1
4. sba	*	476.0	1000.0	476.0	500.0	*	500.	180. AG	1476.	4.8	.0	68.0		
5. sbd	*	476.0	500.0	476.0	.0	*	500.	180. AG	1321.	4.5	.0	56.0		
6. sbq	*	476.0	536.0	476.0	574.3	*	38.	360. AG	17.	100.0	.0	48.0	.38	1.9
7. eba	*	.0	482.0	500.0	482.0	*	500.	90. AG	732.	4.8	.0	56.0		
8. ebd	*	500.0	482.0	1000.0	482.0	*	500.	90. AG	660.	4.8	.0	44.0		
9. ebq	*	452.0	482.0	401.3	482.0	*	51.	270. AG	26.	100.0	.0	36.0	.54	2.6
10. wba	*	1000.0	518.0	500.0	518.0	*	500.	270. AG	1258.	4.8	.0	56.0		
11. wbd	*	500.0	518.0	.0	518.0	*	500.	270. AG	1488.	4.8	.0	44.0		
12. wbq	*	548.0	518.0	685.9	518.0	*	138.	90. AG	26.	100.0	.0	36.0	.92	7.0

PAGE 2

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Adams - Existing 2008

DATE : 9/16/ 8
 TIME : 14:20: 6

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	19	3.0	2355	1600	5.13	1	3
6. sbq	*	60	19	3.0	1476	1600	5.13	3	3
9. ebq	*	60	38	3.0	732	1600	5.13	3	3
12. wbq	*	60	38	3.0	1258	1600	5.13	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	442.0	546.0	5.4	*
2. ne	*	558.0	546.0	5.4	*
3. sw	*	442.0	454.0	5.4	*
4. se	*	558.0	454.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4
0.	.4	.4	.8	.8
10.	.9	.0	1.3	.3
20.	.8	.0	1.1	.3
30.	.6	.0	.9	.4
40.	.6	.0	.8	.4
50.	.5	.0	.8	.4
60.	.5	.0	.8	.5
70.	.6	.0	.9	.4
80.	.5	.1	.9	.5
90.	.8	.4	.7	.1
100.	1.1	.7	.4	.0
110.	.9	.6	.4	.0
120.	.8	.5	.5	.0
130.	.8	.5	.5	.0
140.	1.0	.4	.5	.0
150.	1.0	.4	.6	.0
160.	1.1	.4	.8	.0
170.	1.1	.5	.7	.1
180.	.8	.9	.2	.6
190.	.4	1.4	.0	1.0
200.	.4	1.2	.0	.9
210.	.3	1.0	.0	.7
220.	.4	.9	.0	.7
230.	.4	.8	.0	.6
240.	.4	1.0	.0	.6
250.	.6	1.0	.0	.5
260.	.7	1.2	.0	.5
270.	.3	.9	.2	.9
280.	.0	.4	.5	1.0
290.	.0	.5	.5	.9
300.	.0	.6	.5	1.0
310.	.0	.6	.4	.9
320.	.0	.6	.4	1.0
330.	.0	.7	.4	1.0
340.	.0	.9	.4	1.2
350.	.1	1.0	.4	1.4
360.	.4	.4	.8	.8
MAX	1.1	1.4	1.3	1.4
DEGR.	100	190	10	350

THE HIGHEST CONCENTRATION OF 1.40 PPM OCCURRED AT RECEPTOR REC2 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Adams - No Build 2030

DATE : 9/16/ 8
 TIME : 15: 4:28

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	*	524.0	.0	524.0	500.0	*	500.	360. AG	2769.	1.2	.0	68.0		
2. nbd	*	524.0	500.0	524.0	1000.0	*	500.	360. AG	2700.	1.2	.0	56.0		
3. nbq	*	524.0	464.0	524.0	388.3	*	76.	180. AG	20.	100.0	.0	48.0	.74	3.8
4. sba	*	476.0	1000.0	476.0	500.0	*	500.	180. AG	1856.	1.2	.0	68.0		
5. sbd	*	476.0	500.0	476.0	.0	*	500.	180. AG	1616.	1.2	.0	56.0		
6. sbq	*	476.0	536.0	476.0	586.7	*	51.	360. AG	20.	100.0	.0	48.0	.50	2.6
7. eba	*	.0	482.0	500.0	482.0	*	500.	90. AG	903.	1.2	.0	56.0		
8. ebd	*	500.0	482.0	1000.0	482.0	*	500.	90. AG	839.	1.2	.0	44.0		
9. ebq	*	452.0	482.0	391.1	482.0	*	61.	270. AG	27.	100.0	.0	36.0	.63	3.1
10. wba	*	1000.0	518.0	500.0	518.0	*	500.	270. AG	1686.	1.2	.0	56.0		
11. wbd	*	500.0	518.0	.0	518.0	*	500.	270. AG	2059.	1.2	.0	44.0		
12. wbq	*	548.0	518.0	1604.3	518.0	*	1056.	90. AG	27.	100.0	.0	36.0	1.17	53.7

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Adams - No Build 2030

DATE : 9/16/ 8
 TIME : 15: 4:28

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	20	3.0	2769	1600	5.47	1	3
6. sbq	*	60	20	3.0	1856	1600	5.47	3	3
9. ebq	*	60	37	3.0	903	1600	5.47	3	3
12. wbq	*	60	37	3.0	1686	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	442.0	546.0	5.4	*
2. ne	*	558.0	546.0	5.4	*
3. sw	*	442.0	454.0	5.4	*
4. se	*	558.0	454.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	CONCENTRATION (PPM) REC2	CONCENTRATION (PPM) REC3	CONCENTRATION (PPM) REC4
0.	.1	.1	.3	.2
10.	.3	.0	.4	.1
20.	.2	.0	.3	.1
30.	.2	.0	.3	.2
40.	.2	.0	.1	.2
50.	.3	.0	.2	.2
60.	.3	.0	.2	.2
70.	.3	.0	.4	.3
80.	.3	.0	.5	.3
90.	.6	.3	.3	.1
100.	.5	.4	.2	.0
110.	.4	.3	.2	.0
120.	.2	.2	.2	.0
130.	.3	.2	.2	.0
140.	.3	.2	.2	.0
150.	.2	.2	.2	.0
160.	.3	.2	.2	.0
170.	.3	.2	.2	.0
180.	.3	.3	.1	.2
190.	.2	.5	.0	.3
200.	.2	.4	.0	.3
210.	.2	.4	.0	.4
220.	.1	.3	.0	.2
230.	.1	.2	.0	.2
240.	.1	.2	.0	.2
250.	.2	.3	.0	.2
260.	.2	.4	.0	.2
270.	.1	.2	.1	.3
280.	.0	.1	.2	.3
290.	.0	.1	.3	.2
300.	.0	.2	.3	.2
310.	.0	.2	.2	.2
320.	.0	.2	.2	.2
330.	.0	.2	.2	.3
340.	.0	.3	.2	.3
350.	.0	.3	.2	.4
360.	.1	.1	.3	.2
MAX	.6	.5	.5	.4
DEGR.	90	190	80	210

THE HIGHEST CONCENTRATION OF .60 PPM OCCURRED AT RECEPTOR REC1 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Adams - BRT 2030

DATE : 9/16/ 8
 TIME : 15: 6:20

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	*	524.0	.0	524.0	500.0	*	500.	360. AG	2711.	1.2	.0	68.0		
2. nbd	*	524.0	500.0	524.0	1000.0	*	500.	360. AG	2650.	1.2	.0	56.0		
3. nbq	*	524.0	464.0	524.0	390.0	*	74.	180. AG	20.	100.0	.0	48.0	.73	3.8
4. sba	*	476.0	1000.0	476.0	500.0	*	500.	180. AG	1813.	1.2	.0	68.0		
5. sbd	*	476.0	500.0	476.0	.0	*	500.	180. AG	1588.	1.2	.0	56.0		
6. sbq	*	476.0	536.0	476.0	585.5	*	50.	360. AG	20.	100.0	.0	48.0	.49	2.5
7. eba	*	.0	482.0	500.0	482.0	*	500.	90. AG	895.	1.2	.0	56.0		
8. ebd	*	500.0	482.0	1000.0	482.0	*	500.	90. AG	835.	1.2	.0	44.0		
9. ebq	*	452.0	482.0	391.7	482.0	*	60.	270. AG	27.	100.0	.0	36.0	.62	3.1
10. wba	*	1000.0	518.0	500.0	518.0	*	500.	270. AG	1618.	1.2	.0	56.0		
11. wbd	*	500.0	518.0	.0	518.0	*	500.	270. AG	1964.	1.2	.0	44.0		
12. wbq	*	548.0	518.0	1368.1	518.0	*	820.	90. AG	27.	100.0	.0	36.0	1.13	41.7

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Adams - BRT 2030

DATE : 9/16/ 8
 TIME : 15: 6:20

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	20	3.0	2711	1600	5.47	1	3
6. sbq	*	60	20	3.0	1813	1600	5.47	3	3
9. ebq	*	60	37	3.0	895	1600	5.47	3	3
12. wbq	*	60	37	3.0	1618	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	442.0	546.0	5.4	*
2. ne	*	558.0	546.0	5.4	*
3. sw	*	442.0	454.0	5.4	*
4. se	*	558.0	454.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4
0.	.1	.1	.3	.2
10.	.3	.0	.4	.1
20.	.2	.0	.3	.1
30.	.2	.0	.3	.2
40.	.2	.0	.1	.2
50.	.3	.0	.2	.2
60.	.3	.0	.2	.2
70.	.3	.0	.4	.3
80.	.3	.0	.5	.3
90.	.5	.2	.2	.0
100.	.5	.4	.2	.0
110.	.4	.3	.2	.0
120.	.2	.2	.2	.0
130.	.3	.2	.2	.0
140.	.3	.2	.2	.0
150.	.2	.2	.2	.0
160.	.3	.2	.2	.0
170.	.3	.2	.2	.0
180.	.3	.3	.1	.2
190.	.2	.5	.0	.3
200.	.2	.4	.0	.3
210.	.2	.4	.0	.3
220.	.1	.3	.0	.2
230.	.1	.2	.0	.2
240.	.1	.2	.0	.2
250.	.1	.3	.0	.2
260.	.2	.4	.0	.2
270.	.1	.2	.1	.3
280.	.0	.1	.2	.3
290.	.0	.1	.2	.2
300.	.0	.2	.3	.2
310.	.0	.2	.2	.1
320.	.0	.2	.2	.2
330.	.0	.2	.2	.3
340.	.0	.3	.2	.3
350.	.0	.3	.2	.4
360.	.1	.1	.3	.2
MAX	.5	.5	.5	.4
DEGR.	90	190	80	350

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC3 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Adams - TSM 2030

DATE : 9/16/ 8
 TIME : 15: 8:35

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	*	524.0	.0	524.0	500.0	*	500.	360. AG	2740.	1.2	.0	68.0		
2. nbd	*	524.0	500.0	524.0	1000.0	*	500.	360. AG	2670.	1.2	.0	56.0		
3. nbq	*	524.0	464.0	524.0	389.1	*	75.	180. AG	20.	100.0	.0	48.0	.73	3.8
4. sba	*	476.0	1000.0	476.0	500.0	*	500.	180. AG	1838.	1.2	.0	68.0		
5. sbd	*	476.0	500.0	476.0	.0	*	500.	180. AG	1602.	1.2	.0	56.0		
6. sbq	*	476.0	536.0	476.0	586.2	*	50.	360. AG	20.	100.0	.0	48.0	.49	2.5
7. eba	*	.0	482.0	500.0	482.0	*	500.	90. AG	899.	1.2	.0	56.0		
8. ebd	*	500.0	482.0	1000.0	482.0	*	500.	90. AG	837.	1.2	.0	44.0		
9. ebq	*	452.0	482.0	391.5	482.0	*	60.	270. AG	27.	100.0	.0	36.0	.62	3.1
10. wba	*	1000.0	518.0	500.0	518.0	*	500.	270. AG	1667.	1.2	.0	56.0		
11. wbd	*	500.0	518.0	.0	518.0	*	500.	270. AG	2035.	1.2	.0	44.0		
12. wbq	*	548.0	518.0	1532.4	518.0	*	984.	90. AG	27.	100.0	.0	36.0	1.16	50.0

PAGE 2

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Adams - TSM 2030

DATE : 9/16/ 8
 TIME : 15: 8:35

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	20	3.0	2740	1600	5.47	1	3
6. sbq	*	60	20	3.0	1838	1600	5.47	3	3
9. ebq	*	60	37	3.0	899	1600	5.47	3	3
12. wbq	*	60	37	3.0	1667	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	442.0	546.0	5.4	*
2. ne	*	558.0	546.0	5.4	*
3. sw	*	442.0	454.0	5.4	*
4. se	*	558.0	454.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION REC1	CONCENTRATION REC2	CONCENTRATION REC3	CONCENTRATION REC4
0.	.1	.1	.3	.2
10.	.3	.0	.4	.1
20.	.2	.0	.3	.1
30.	.2	.0	.3	.2
40.	.2	.0	.1	.2
50.	.3	.0	.2	.2
60.	.3	.0	.2	.2
70.	.3	.0	.4	.3
80.	.3	.0	.5	.3
90.	.5	.3	.3	.1
100.	.5	.4	.2	.0
110.	.4	.3	.2	.0
120.	.2	.2	.2	.0
130.	.3	.2	.2	.0
140.	.3	.2	.2	.0
150.	.2	.2	.2	.0
160.	.3	.2	.2	.0
170.	.3	.2	.2	.0
180.	.3	.3	.1	.2
190.	.2	.5	.0	.3
200.	.2	.4	.0	.3
210.	.2	.4	.0	.3
220.	.1	.3	.0	.2
230.	.1	.2	.0	.2
240.	.1	.2	.0	.2
250.	.2	.3	.0	.2
260.	.2	.4	.0	.2
270.	.1	.2	.1	.3
280.	.0	.1	.2	.3
290.	.0	.1	.2	.2
300.	.0	.2	.3	.2
310.	.0	.2	.2	.2
320.	.0	.2	.2	.2
330.	.0	.2	.2	.3
340.	.0	.3	.2	.3
350.	.0	.3	.2	.4
360.	.1	.1	.3	.2
MAX	.5	.5	.5	.4
DEGR.	90	190	80	350

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC3 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Adams -LRT 2030

DATE : 9/17/ 8
 TIME : 11:14:46

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	*	524.0	.0	524.0	500.0	*	500.	360. AG	2741.	1.2	.0	68.0		
2. nbd	*	524.0	500.0	524.0	1000.0	*	500.	360. AG	2686.	1.2	.0	56.0		
3. nbq	*	524.0	464.0	524.0	389.1	*	75.	180. AG	20.	100.0	.0	48.0	.73	3.8
4. sba	*	476.0	1000.0	476.0	500.0	*	500.	180. AG	1842.	1.2	.0	68.0		
5. sbd	*	476.0	500.0	476.0	.0	*	500.	180. AG	1640.	1.2	.0	56.0		
6. sbq	*	476.0	536.0	476.0	586.3	*	50.	360. AG	20.	100.0	.0	48.0	.49	2.6
7. eba	*	.0	482.0	500.0	482.0	*	500.	90. AG	916.	1.2	.0	56.0		
8. ebd	*	500.0	482.0	1000.0	482.0	*	500.	90. AG	831.	1.2	.0	44.0		
9. ebq	*	452.0	482.0	390.3	482.0	*	62.	270. AG	27.	100.0	.0	36.0	.64	3.1
10. wba	*	1000.0	518.0	500.0	518.0	*	500.	270. AG	1618.	1.2	.0	56.0		
11. wbd	*	500.0	518.0	.0	518.0	*	500.	270. AG	1960.	1.2	.0	44.0		
12. wbq	*	548.0	518.0	1368.1	518.0	*	820.	90. AG	27.	100.0	.0	36.0	1.13	41.7

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Adams -LRT 2030

DATE : 9/17/ 8
 TIME : 11:14:46

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	20	3.0	2741	1600	5.47	1	3
6. sbq	*	60	20	3.0	1842	1600	5.47	3	3
9. ebq	*	60	37	3.0	916	1600	5.47	3	3
12. wbq	*	60	37	3.0	1618	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	442.0	546.0	5.4	*
2. ne	*	558.0	546.0	5.4	*
3. sw	*	442.0	454.0	5.4	*
4. se	*	558.0	454.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION REC1	CONCENTRATION REC2	CONCENTRATION REC3	CONCENTRATION REC4
0.	.1	.1	.3	.2
10.	.3	.0	.4	.1
20.	.2	.0	.3	.1
30.	.2	.0	.3	.2
40.	.2	.0	.1	.2
50.	.3	.0	.2	.2
60.	.3	.0	.2	.2
70.	.3	.0	.4	.3
80.	.3	.0	.5	.3
90.	.5	.2	.2	.0
100.	.5	.4	.2	.0
110.	.4	.3	.2	.0
120.	.2	.2	.2	.0
130.	.3	.2	.2	.0
140.	.3	.2	.2	.0
150.	.3	.2	.2	.0
160.	.3	.2	.2	.0
170.	.3	.2	.2	.0
180.	.3	.3	.1	.2
190.	.2	.5	.0	.3
200.	.2	.4	.0	.3
210.	.2	.4	.0	.3
220.	.1	.3	.0	.3
230.	.1	.2	.0	.2
240.	.1	.2	.0	.2
250.	.1	.3	.0	.2
260.	.2	.4	.0	.2
270.	.1	.2	.1	.3
280.	.0	.1	.2	.3
290.	.0	.1	.3	.2
300.	.0	.2	.3	.2
310.	.0	.2	.2	.1
320.	.0	.2	.2	.2
330.	.0	.2	.2	.3
340.	.0	.3	.2	.3
350.	.0	.3	.2	.4
360.	.1	.1	.3	.2
MAX	.5	.5	.5	.4
DEGR.	90	190	80	350

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC3 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C

RUN: Crenshaw/Jefferson - Existing 2008

DATE : 9/16/ 8
 TIME : 15:22:12

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. nba	*	524.0	.0	524.0	500.0	*	500.	360. AG	2231.	4.8	.0	68.0	
2. nbd	*	524.0	500.0	524.0	1000.0	*	500.	360. AG	2075.	4.8	.0	56.0	
3. nbq	*	524.0	464.0	524.0	421.4	*	43.	180. AG	13.	100.0	.0	48.0	.51 2.2
4. sba	*	476.0	1000.0	476.0	500.0	*	500.	180. AG	1895.	4.8	.0	68.0	
5. sbd	*	476.0	500.0	476.0	.0	*	500.	180. AG	1925.	4.8	.0	56.0	
6. sbq	*	476.0	536.0	476.0	572.2	*	36.	360. AG	13.	100.0	.0	48.0	.43 1.8
7. eba	*	.0	482.0	500.0	482.0	*	500.	90. AG	553.	4.8	.0	56.0	
8. ebd	*	500.0	482.0	1000.0	482.0	*	500.	90. AG	630.	4.8	.0	44.0	
9. ebq	*	452.0	482.0	408.7	482.0	*	43.	270. AG	30.	100.0	.0	36.0	.58 2.2
10. wba	*	1000.0	518.0	500.0	518.0	*	500.	270. AG	742.	4.8	.0	56.0	
11. wbd	*	500.0	518.0	.0	518.0	*	500.	270. AG	791.	4.8	.0	44.0	
12. wbq	*	548.0	518.0	616.8	518.0	*	69.	90. AG	30.	100.0	.0	36.0	.77 3.5

PAGE 2

JOB: D:\00Projects\Crenshaw Prairie Transit\C

RUN: Crenshaw/Jefferson - Existing 2008

DATE : 9/16/ 8
 TIME : 15:22:12

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	14	3.0	2231	1600	5.13	3	3
6. sbq	*	60	14	3.0	1895	1600	5.13	3	3
9. ebq	*	60	43	3.0	553	1600	5.13	3	3
12. wbq	*	60	43	3.0	742	1600	5.13	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	442.0	546.0	5.4	*
2. ne	*	558.0	546.0	5.4	*
3. sw	*	442.0	454.0	5.4	*
4. se	*	558.0	454.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4
0.	.5	.4	.7	.8
10.	.9	.0	1.3	.3
20.	.8	.0	1.1	.3
30.	.7	.0	.9	.3
40.	.7	.0	.7	.2
50.	.5	.0	.9	.2
60.	.5	.0	.8	.2
70.	.5	.0	.8	.3
80.	.5	.0	.9	.3
90.	.7	.2	.6	.1
100.	1.0	.4	.5	.0
110.	.8	.4	.5	.0
120.	.8	.4	.6	.0
130.	.8	.3	.6	.0
140.	.7	.3	.7	.0
150.	.9	.3	.7	.0
160.	1.2	.3	1.0	.0
170.	1.3	.4	1.0	.1
180.	.9	.8	.3	.6
190.	.3	1.4	.0	1.0
200.	.3	1.1	.0	.9
210.	.2	1.0	.0	.8
220.	.2	.7	.0	.6
230.	.3	.8	.0	.6
240.	.3	.8	.0	.5
250.	.3	.8	.0	.5
260.	.4	1.0	.0	.5
270.	.2	.8	.2	.6
280.	.0	.5	.3	.8
290.	.0	.5	.3	.8
300.	.0	.5	.2	.7
310.	.0	.5	.3	.8
320.	.0	.6	.3	.8
330.	.0	.8	.3	1.0
340.	.0	.9	.3	1.1
350.	.1	.9	.4	1.4
360.	.5	.4	.7	.8
MAX	1.3	1.4	1.3	1.4
DEGR.	170	190	10	350

THE HIGHEST CONCENTRATION OF 1.40 PPM OCCURRED AT RECEPTOR REC2 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C

RUN: Crenshaw/Jefferson - No Build 2030

DATE : 9/16/ 8
 TIME : 15:25:28

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. nba	*	524.0	.0	524.0	500.0	*	500.	360. AG	2676.	1.2	.0	68.0	
2. nbd	*	524.0	500.0	524.0	1000.0	*	500.	360. AG	2469.	1.2	.0	56.0	
3. nbq	*	524.0	464.0	524.0	412.8	*	51.	180. AG	14.	100.0	.0	48.0	.61 2.6
4. sba	*	476.0	1000.0	476.0	500.0	*	500.	180. AG	2218.	1.2	.0	68.0	
5. sbd	*	476.0	500.0	476.0	.0	*	500.	180. AG	2242.	1.2	.0	56.0	
6. sbq	*	476.0	536.0	476.0	578.4	*	42.	360. AG	14.	100.0	.0	48.0	.51 2.2
7. eba	*	.0	482.0	500.0	482.0	*	500.	90. AG	686.	1.2	.0	56.0	
8. ebd	*	500.0	482.0	1000.0	482.0	*	500.	90. AG	789.	1.2	.0	44.0	
9. ebq	*	452.0	482.0	393.2	482.0	*	59.	270. AG	32.	100.0	.0	36.0	.71 3.0
10. wba	*	1000.0	518.0	500.0	518.0	*	500.	270. AG	929.	1.2	.0	56.0	
11. wbd	*	500.0	518.0	.0	518.0	*	500.	270. AG	1008.	1.2	.0	44.0	
12. wbq	*	548.0	518.0	688.0	518.0	*	140.	90. AG	32.	100.0	.0	36.0	.97 7.1

JOB: D:\00Projects\Crenshaw Prairie Transit\C

RUN: Crenshaw/Jefferson - No Build 2030

DATE : 9/16/ 8
 TIME : 15:25:28

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	14	3.0	2676	1600	5.47	3	3
6. sbq	*	60	14	3.0	2218	1600	5.47	3	3
9. ebq	*	60	43	3.0	685	1600	5.47	3	3
12. wbq	*	60	43	3.0	929	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	442.0	546.0	5.4	*
2. ne	*	558.0	546.0	5.4	*
3. sw	*	442.0	454.0	5.4	*
4. se	*	558.0	454.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4
0.	.1	.1	.2	.2
10.	.3	.0	.4	.1
20.	.3	.0	.3	.1
30.	.2	.0	.3	.1
40.	.2	.0	.2	.1
50.	.2	.0	.2	.1
60.	.2	.0	.2	.1
70.	.2	.0	.3	.1
80.	.2	.0	.3	.1
90.	.3	.1	.2	.0
100.	.4	.2	.2	.0
110.	.2	.3	.2	.0
120.	.1	.2	.2	.0
130.	.2	.1	.2	.0
140.	.2	.1	.2	.0
150.	.3	.1	.2	.0
160.	.3	.1	.3	.0
170.	.3	.1	.3	.0
180.	.2	.2	.1	.2
190.	.1	.4	.0	.3
200.	.1	.3	.0	.3
210.	.1	.3	.0	.2
220.	.0	.3	.0	.2
230.	.0	.1	.0	.2
240.	.1	.1	.0	.2
250.	.1	.1	.0	.2
260.	.1	.3	.0	.2
270.	.0	.3	.0	.2
280.	.0	.2	.1	.4
290.	.0	.2	.2	.2
300.	.0	.2	.1	.1
310.	.0	.2	.1	.1
320.	.0	.2	.1	.2
330.	.0	.2	.1	.3
340.	.0	.3	.1	.3
350.	.0	.3	.1	.4
360.	.1	.1	.2	.2
MAX	.4	.4	.4	.4
DEGR	100	190	10	280

THE HIGHEST CONCENTRATION OF .40 PPM OCCURRED AT RECEPTOR REC3 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Jefferson - BRT 2030

DATE : 9/16/ 8
 TIME : 15:27:55

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	*	524.0	.0	524.0	500.0	*	500.	360. AG	2654.	1.2	.0	68.0		
2. nbd	*	524.0	500.0	524.0	1000.0	*	500.	360. AG	2455.	1.2	.0	56.0		
3. nbq	*	524.0	464.0	524.0	413.2	*	51.	180. AG	14.	100.0	.0	48.0	.61	2.6
4. sba	*	476.0	1000.0	476.0	500.0	*	500.	180. AG	2187.	1.2	.0	68.0		
5. sbd	*	476.0	500.0	476.0	.0	*	500.	180. AG	2211.	1.2	.0	56.0		
6. sbq	*	476.0	536.0	476.0	577.8	*	42.	360. AG	14.	100.0	.0	48.0	.50	2.1
7. eba	*	.0	482.0	500.0	482.0	*	500.	90. AG	682.	1.2	.0	56.0		
8. ebd	*	500.0	482.0	1000.0	482.0	*	500.	90. AG	787.	1.2	.0	44.0		
9. ebq	*	452.0	482.0	393.7	482.0	*	58.	270. AG	32.	100.0	.0	36.0	.71	3.0
10. wba	*	1000.0	518.0	500.0	518.0	*	500.	270. AG	895.	1.2	.0	56.0		
11. wbd	*	500.0	518.0	.0	518.0	*	500.	270. AG	965.	1.2	.0	44.0		
12. wbq	*	548.0	518.0	668.1	518.0	*	120.	90. AG	32.	100.0	.0	36.0	.93	6.1

PAGE 2

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Jefferson - BRT 2030

DATE : 9/16/ 8
 TIME : 15:27:55

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	14	3.0	2654	1600	5.47	3	3
6. sbq	*	60	14	3.0	2187	1600	5.47	3	3
9. ebq	*	60	43	3.0	682	1600	5.47	3	3
12. wbq	*	60	43	3.0	895	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	442.0	546.0	5.4	*
2. ne	*	558.0	546.0	5.4	*
3. sw	*	442.0	454.0	5.4	*
4. se	*	558.0	454.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4
0.	.1	.1	.2	.2
10.	.3	.0	.4	.1
20.	.3	.0	.3	.1
30.	.2	.0	.3	.1
40.	.2	.0	.2	.1
50.	.2	.0	.2	.1
60.	.2	.0	.2	.1
70.	.2	.0	.3	.1
80.	.2	.0	.3	.1
90.	.3	.1	.2	.0
100.	.4	.2	.2	.0
110.	.2	.2	.2	.0
120.	.1	.2	.2	.0
130.	.2	.1	.2	.0
140.	.2	.1	.2	.0
150.	.3	.1	.2	.0
160.	.3	.1	.3	.0
170.	.3	.1	.3	.0
180.	.2	.2	.1	.2
190.	.1	.4	.0	.3
200.	.1	.2	.0	.3
210.	.1	.3	.0	.2
220.	.0	.3	.0	.2
230.	.0	.1	.0	.2
240.	.1	.1	.0	.2
250.	.1	.1	.0	.2
260.	.1	.3	.0	.2
270.	.0	.3	.0	.2
280.	.0	.2	.1	.4
290.	.0	.2	.2	.1
300.	.0	.2	.1	.1
310.	.0	.2	.1	.1
320.	.0	.2	.1	.2
330.	.0	.2	.1	.3
340.	.0	.3	.1	.3
350.	.0	.3	.1	.4
360.	.1	.1	.2	.2
MAX	.4	.4	.4	.4
DEGR.	100	190	10	280

THE HIGHEST CONCENTRATION OF .40 PPM OCCURRED AT RECEPTOR REC3 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Jefferson - TSM 2030

DATE : 9/16/ 8
 TIME : 15:32:47

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	*	524.0	.0	524.0	500.0	*	500.	360. AG	2665.	1.2	.0	68.0		
2. nbd	*	524.0	500.0	524.0	1000.0	*	500.	360. AG	2457.	1.2	.0	56.0		
3. nbq	*	524.0	464.0	524.0	413.0	*	51.	180. AG	14.	100.0	.0	48.0	.61	2.6
4. sba	*	476.0	1000.0	476.0	500.0	*	500.	180. AG	2219.	1.2	.0	68.0		
5. sbd	*	476.0	500.0	476.0	.0	*	500.	180. AG	2242.	1.2	.0	56.0		
6. sbq	*	476.0	536.0	476.0	578.4	*	42.	360. AG	14.	100.0	.0	48.0	.51	2.2
7. eba	*	.0	482.0	500.0	482.0	*	500.	90. AG	686.	1.2	.0	56.0		
8. ebd	*	500.0	482.0	1000.0	482.0	*	500.	90. AG	792.	1.2	.0	44.0		
9. ebq	*	452.0	482.0	393.2	482.0	*	59.	270. AG	32.	100.0	.0	36.0	.71	3.0
10. wba	*	1000.0	518.0	500.0	518.0	*	500.	270. AG	924.	1.2	.0	56.0		
11. wbd	*	500.0	518.0	.0	518.0	*	500.	270. AG	1003.	1.2	.0	44.0		
12. wbq	*	548.0	518.0	686.0	518.0	*	138.	90. AG	32.	100.0	.0	36.0	.97	7.0

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Jefferson - TSM 2030

DATE : 9/16/ 8
 TIME : 15:32:47

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	14	3.0	2665	1600	5.47	3	3
6. sbq	*	60	14	3.0	2219	1600	5.47	3	3
9. ebq	*	60	43	3.0	686	1600	5.47	3	3
12. wbq	*	60	43	3.0	924	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	442.0	546.0	5.4	*
2. ne	*	558.0	546.0	5.4	*
3. sw	*	442.0	454.0	5.4	*
4. se	*	558.0	454.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION REC1	CONCENTRATION REC2	CONCENTRATION REC3	CONCENTRATION REC4
0.	.1	.1	.2	.2
10.	.3	.0	.4	.1
20.	.3	.0	.3	.1
30.	.2	.0	.3	.1
40.	.2	.0	.2	.1
50.	.2	.0	.2	.1
60.	.2	.0	.2	.1
70.	.2	.0	.3	.1
80.	.2	.0	.3	.1
90.	.3	.1	.2	.0
100.	.4	.2	.2	.0
110.	.2	.3	.2	.0
120.	.1	.2	.2	.0
130.	.2	.1	.2	.0
140.	.2	.1	.2	.0
150.	.3	.1	.2	.0
160.	.3	.1	.3	.0
170.	.3	.1	.3	.0
180.	.2	.2	.1	.2
190.	.1	.4	.0	.3
200.	.1	.3	.0	.3
210.	.1	.3	.0	.2
220.	.0	.3	.0	.2
230.	.0	.1	.0	.2
240.	.1	.1	.0	.2
250.	.1	.1	.0	.2
260.	.1	.3	.0	.2
270.	.0	.3	.0	.2
280.	.0	.2	.1	.4
290.	.0	.2	.2	.2
300.	.0	.2	.1	.1
310.	.0	.2	.1	.1
320.	.0	.2	.1	.2
330.	.0	.2	.1	.3
340.	.0	.3	.1	.3
350.	.0	.3	.1	.4
360.	.1	.1	.2	.2
MAX	.4	.4	.4	.4
DEGR.	100	190	10	280

THE HIGHEST CONCENTRATION OF .40 PPM OCCURRED AT RECEPTOR REC3 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Jefferson - LRT 2030

DATE : 9/17/ 8
 TIME : 11:17:47

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	*	524.0	.0	524.0	500.0	*	500.	360. AG	2727.	1.2	.0	68.0		
2. nbd	*	524.0	500.0	524.0	1000.0	*	500.	360. AG	2494.	1.2	.0	56.0		
3. nbq	*	524.0	464.0	524.0	411.9	*	52.	180. AG	14.	100.0	.0	48.0	.62	2.6
4. sba	*	476.0	1000.0	476.0	500.0	*	500.	180. AG	2207.	1.2	.0	68.0		
5. sbd	*	476.0	500.0	476.0	.0	*	500.	180. AG	2232.	1.2	.0	56.0		
6. sbq	*	476.0	536.0	476.0	578.2	*	42.	360. AG	14.	100.0	.0	48.0	.50	2.1
7. eba	*	.0	482.0	500.0	482.0	*	500.	90. AG	690.	1.2	.0	56.0		
8. ebd	*	500.0	482.0	1000.0	482.0	*	500.	90. AG	808.	1.2	.0	44.0		
9. ebq	*	452.0	482.0	392.3	482.0	*	60.	270. AG	32.	100.0	.0	36.0	.72	3.0
10. wba	*	1000.0	518.0	500.0	518.0	*	500.	270. AG	897.	1.2	.0	56.0		
11. wbd	*	500.0	518.0	.0	518.0	*	500.	270. AG	987.	1.2	.0	44.0		
12. wbq	*	548.0	518.0	669.7	518.0	*	122.	90. AG	32.	100.0	.0	36.0	.94	6.2

PAGE 2

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Jefferson - LRT 2030

DATE : 9/17/ 8
 TIME : 11:17:47

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	14	3.0	2727	1600	5.47	3	3
6. sbq	*	60	14	3.0	2207	1600	5.47	3	3
9. ebq	*	60	43	3.0	690	1600	5.47	3	3
12. wbq	*	60	43	3.0	897	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	442.0	546.0	5.4	*
2. ne	*	558.0	546.0	5.4	*
3. sw	*	442.0	454.0	5.4	*
4. se	*	558.0	454.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION REC1	CONCENTRATION REC2	CONCENTRATION REC3	CONCENTRATION REC4
0.	.1	.1	.2	.2
10.	.3	.0	.4	.1
20.	.3	.0	.2	.1
30.	.2	.0	.3	.1
40.	.2	.0	.2	.1
50.	.2	.0	.2	.1
60.	.2	.0	.2	.1
70.	.2	.0	.3	.1
80.	.2	.0	.3	.1
90.	.3	.1	.2	.0
100.	.4	.2	.2	.0
110.	.2	.2	.2	.0
120.	.1	.2	.2	.0
130.	.2	.1	.2	.0
140.	.2	.1	.2	.0
150.	.3	.1	.2	.0
160.	.3	.1	.3	.0
170.	.3	.1	.3	.0
180.	.2	.2	.1	.2
190.	.1	.4	.0	.4
200.	.1	.3	.0	.3
210.	.1	.3	.0	.2
220.	.0	.3	.0	.2
230.	.0	.1	.0	.2
240.	.1	.1	.0	.2
250.	.1	.1	.0	.2
260.	.1	.3	.0	.2
270.	.0	.3	.0	.2
280.	.0	.2	.1	.4
290.	.0	.2	.2	.2
300.	.0	.2	.1	.1
310.	.0	.2	.1	.1
320.	.0	.2	.1	.2
330.	.0	.2	.1	.3
340.	.0	.3	.1	.3
350.	.0	.3	.1	.4
360.	.1	.1	.2	.2
MAX	.4	.4	.4	.4
DEGR.	100	190	10	190

THE HIGHEST CONCENTRATION OF .40 PPM OCCURRED AT RECEPTOR REC3 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C

RUN: Crenshaw/Slauson - Existing 2008

DATE : 9/16/ 8
 TIME : 16:23:50

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. nba	*	530.0	.0	530.0	500.0	*	500.	360. AG	1802.	4.8	.0	80.0	
2. nbd	*	530.0	500.0	530.0	1000.0	*	500.	360. AG	1733.	4.8	.0	56.0	
3. nbq	*	530.0	464.0	530.0	422.7	*	41.	180. AG	24.	100.0	.0	60.0	.40 2.1
4. sba	*	476.0	1000.0	476.0	500.0	*	500.	180. AG	1413.	4.8	.0	68.0	
5. sbd	*	476.0	500.0	476.0	.0	*	500.	180. AG	1218.	4.8	.0	56.0	
6. sbq	*	476.0	536.0	476.0	576.5	*	41.	360. AG	19.	100.0	.0	48.0	.39 2.1
7. eba	*	.0	482.0	500.0	482.0	*	500.	90. AG	814.	4.8	.0	56.0	
8. ebd	*	500.0	482.0	1000.0	482.0	*	500.	90. AG	891.	4.8	.0	44.0	
9. ebq	*	452.0	482.0	398.7	482.0	*	53.	270. AG	25.	100.0	.0	36.0	.54 2.7
10. wba	*	1000.0	518.0	500.0	518.0	*	500.	270. AG	1064.	4.8	.0	56.0	
11. wbd	*	500.0	518.0	.0	518.0	*	500.	270. AG	1251.	4.8	.0	44.0	
12. wbq	*	560.0	518.0	630.9	518.0	*	71.	90. AG	25.	100.0	.0	36.0	.70 3.6

JOB: D:\00Projects\Crenshaw Prairie Transit\C

RUN: Crenshaw/Slauson - Existing 2008

DATE : 9/16/ 8
 TIME : 16:23:50

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	21	3.0	1802	1600	5.13	3	3
6. sbq	*	60	21	3.0	1413	1600	5.13	3	3
9. ebq	*	60	36	3.0	814	1600	5.13	3	3
12. wbq	*	60	36	3.0	1064	1600	5.13	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	442.0	546.0	5.4	*
2. ne	*	570.0	546.0	5.4	*
3. sw	*	442.0	454.0	5.4	*
4. se	*	570.0	454.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4
0.	.4	.2	.6	.5
10.	.7	.0	1.0	.3
20.	.7	.0	.9	.3
30.	.5	.0	.7	.3
40.	.5	.0	.7	.3
50.	.4	.0	.7	.3
60.	.5	.0	.8	.4
70.	.5	.0	.9	.5
80.	.5	.1	1.0	.5
90.	.8	.3	.8	.2
100.	1.0	.5	.4	.0
110.	.9	.6	.4	.0
120.	.8	.5	.4	.0
130.	.7	.4	.4	.0
140.	.8	.4	.4	.0
150.	1.0	.4	.6	.0
160.	1.0	.4	.7	.0
170.	1.0	.4	.6	.1
180.	.6	.7	.2	.4
190.	.4	1.0	.0	.7
200.	.4	1.0	.0	.7
210.	.3	.8	.0	.6
220.	.3	.8	.0	.4
230.	.3	.8	.0	.4
240.	.4	.8	.0	.5
250.	.6	.9	.0	.4
260.	.6	1.1	.0	.4
270.	.3	.7	.2	.8
280.	.0	.3	.5	.8
290.	.0	.3	.5	.8
300.	.0	.5	.5	.7
310.	.0	.4	.5	.8
320.	.0	.5	.3	.8
330.	.0	.6	.3	.8
340.	.0	.7	.3	1.0
350.	.1	.6	.3	1.0
360.	.4	.2	.6	.5
MAX	1.0	1.1	1.0	1.0
DEGR.	160	260	10	340

THE HIGHEST CONCENTRATION OF 1.10 PPM OCCURRED AT RECEPTOR REC2 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C

RUN: Crenshaw/Slauson - No Build 2030

DATE : 9/16/ 8
 TIME : 16:46:15

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	*	530.0	.0	530.0	500.0	*	500.	360. AG	2083.	1.2	.0	80.0		
2. nbd	*	530.0	500.0	530.0	1000.0	*	500.	360. AG	1957.	1.2	.0	56.0		
3. nbq	*	530.0	464.0	530.0	414.0	*	50.	180. AG	27.	100.0	.0	60.0	.47	2.5
4. sba	*	476.0	1000.0	476.0	500.0	*	500.	180. AG	1773.	1.2	.0	68.0		
5. sbd	*	476.0	500.0	476.0	.0	*	500.	180. AG	1518.	1.2	.0	56.0		
6. sbq	*	476.0	536.0	476.0	589.3	*	53.	360. AG	22.	100.0	.0	48.0	.50	2.7
7. eba	*	.0	482.0	500.0	482.0	*	500.	90. AG	1012.	1.2	.0	56.0		
8. ebd	*	500.0	482.0	1000.0	482.0	*	500.	90. AG	1127.	1.2	.0	44.0		
9. ebq	*	452.0	482.0	387.5	482.0	*	64.	270. AG	26.	100.0	.0	36.0	.63	3.3
10. wba	*	1000.0	518.0	500.0	518.0	*	500.	270. AG	1341.	1.2	.0	56.0		
11. wbd	*	500.0	518.0	.0	518.0	*	500.	270. AG	1607.	1.2	.0	44.0		
12. wbq	*	560.0	518.0	665.8	518.0	*	106.	90. AG	26.	100.0	.0	36.0	.84	5.4

JOB: D:\00Projects\Crenshaw Prairie Transit\C

RUN: Crenshaw/Slauson - No Build 2030

DATE : 9/16/ 8
 TIME : 16:46:15

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	22	3.0	2083	1600	5.47	3	3
6. sbq	*	60	22	3.0	1773	1600	5.47	3	3
9. ebq	*	60	35	3.0	1012	1600	5.47	3	3
12. wbq	*	60	35	3.0	1341	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	442.0	546.0	5.4	*
2. ne	*	570.0	546.0	5.4	*
3. sw	*	442.0	454.0	5.4	*
4. se	*	570.0	454.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION REC1	CONCENTRATION REC2	CONCENTRATION REC3	CONCENTRATION REC4
0.	.1	.1	.2	.1
10.	.2	.0	.3	.1
20.	.2	.0	.2	.1
30.	.2	.0	.2	.1
40.	.3	.0	.1	.1
50.	.2	.0	.1	.2
60.	.3	.0	.1	.2
70.	.3	.0	.3	.2
80.	.2	.0	.4	.2
90.	.3	.1	.3	.1
100.	.4	.2	.3	.0
110.	.4	.3	.2	.0
120.	.2	.2	.2	.0
130.	.2	.2	.2	.0
140.	.3	.2	.2	.0
150.	.2	.2	.2	.0
160.	.3	.1	.2	.0
170.	.3	.1	.2	.0
180.	.2	.3	.1	.1
190.	.2	.2	.0	.2
200.	.2	.2	.0	.2
210.	.2	.2	.0	.1
220.	.1	.1	.0	.1
230.	.1	.2	.0	.2
240.	.1	.2	.0	.2
250.	.1	.3	.0	.2
260.	.2	.2	.0	.2
270.	.1	.2	.1	.3
280.	.0	.1	.2	.4
290.	.0	.1	.3	.2
300.	.0	.1	.3	.3
310.	.0	.1	.3	.2
320.	.0	.2	.1	.2
330.	.0	.2	.1	.2
340.	.0	.2	.1	.2
350.	.0	.1	.1	.1
360.	.1	.1	.2	.1
MAX	.4	.3	.4	.4
DEGR.	100	110	80	280

THE HIGHEST CONCENTRATION OF .40 PPM OCCURRED AT RECEPTOR REC3 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Slauson - BRT 2030

DATE : 9/16/ 8
 TIME : 16:51:33

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. nba	*	530.0	.0	530.0	500.0	*	500.	360. AG	1996.	1.2	.0	80.0	
2. nbd	*	530.0	500.0	530.0	1000.0	*	500.	360. AG	1853.	1.2	.0	56.0	
3. nbq	*	530.0	464.0	530.0	416.0	*	48.	180. AG	27.	100.0	.0	60.0	.45 2.4
4. sba	*	476.0	1000.0	476.0	500.0	*	500.	180. AG	1709.	1.2	.0	68.0	
5. sbd	*	476.0	500.0	476.0	.0	*	500.	180. AG	1441.	1.2	.0	56.0	
6. sbq	*	476.0	536.0	476.0	587.4	*	51.	360. AG	22.	100.0	.0	48.0	.49 2.6
7. eba	*	.0	482.0	500.0	482.0	*	500.	90. AG	996.	1.2	.0	56.0	
8. ebd	*	500.0	482.0	1000.0	482.0	*	500.	90. AG	1124.	1.2	.0	44.0	
9. ebq	*	452.0	482.0	388.5	482.0	*	64.	270. AG	26.	100.0	.0	36.0	.62 3.2
10. wba	*	1000.0	518.0	500.0	518.0	*	500.	270. AG	1330.	1.2	.0	56.0	
11. wbd	*	500.0	518.0	.0	518.0	*	500.	270. AG	1613.	1.2	.0	44.0	
12. wbq	*	560.0	518.0	663.2	518.0	*	103.	90. AG	26.	100.0	.0	36.0	.83 5.2

PAGE 2

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Slauson - BRT 2030

DATE : 9/16/ 8
 TIME : 16:51:33

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	22	3.0	1996	1600	5.47	3	3
6. sbq	*	60	22	3.0	1709	1600	5.47	3	3
9. ebq	*	60	35	3.0	996	1600	5.47	3	3
12. wbq	*	60	35	3.0	1330	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	442.0	546.0	5.4	*
2. ne	*	570.0	546.0	5.4	*
3. sw	*	442.0	454.0	5.4	*
4. se	*	570.0	454.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION REC1	CONCENTRATION REC2	CONCENTRATION REC3	CONCENTRATION REC4
0.	.1	.1	.2	.1
10.	.2	.0	.3	.1
20.	.2	.0	.2	.1
30.	.2	.0	.2	.1
40.	.2	.0	.1	.1
50.	.2	.0	.0	.2
60.	.2	.0	.1	.2
70.	.2	.0	.3	.2
80.	.2	.0	.3	.2
90.	.3	.1	.2	.1
100.	.4	.2	.1	.0
110.	.4	.3	.2	.0
120.	.2	.2	.2	.0
130.	.2	.2	.2	.0
140.	.3	.2	.2	.0
150.	.2	.2	.2	.0
160.	.3	.1	.2	.0
170.	.3	.1	.2	.0
180.	.2	.3	.1	.1
190.	.2	.2	.0	.2
200.	.2	.2	.0	.2
210.	.2	.2	.0	.1
220.	.1	.1	.0	.1
230.	.1	.2	.0	.2
240.	.1	.2	.0	.2
250.	.1	.3	.0	.2
260.	.2	.2	.0	.2
270.	.1	.2	.1	.3
280.	.0	.1	.2	.4
290.	.0	.1	.3	.2
300.	.0	.1	.3	.3
310.	.0	.1	.2	.2
320.	.0	.2	.1	.1
330.	.0	.2	.1	.2
340.	.0	.2	.1	.2
350.	.0	.1	.1	.1
360.	.1	.1	.2	.1
MAX	.4	.3	.3	.4
DEGR.	100	110	10	280

THE HIGHEST CONCENTRATION OF .40 PPM OCCURRED AT RECEPTOR REC1 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Slauson - TSM 2030

DATE : 9/16/ 8
 TIME : 17:10:23

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	*	530.0	.0	530.0	500.0	*	500.	360. AG	2062.	1.2	.0	80.0		
2. nbd	*	530.0	500.0	530.0	1000.0	*	500.	360. AG	1931.	1.2	.0	56.0		
3. nbq	*	530.0	464.0	530.0	414.4	*	50.	180. AG	27.	100.0	.0	60.0	.47	2.5
4. sba	*	476.0	1000.0	476.0	500.0	*	500.	180. AG	1766.	1.2	.0	68.0		
5. sbd	*	476.0	500.0	476.0	.0	*	500.	180. AG	1508.	1.2	.0	56.0		
6. sbq	*	476.0	536.0	476.0	589.1	*	53.	360. AG	22.	100.0	.0	48.0	.50	2.7
7. eba	*	.0	482.0	500.0	482.0	*	500.	90. AG	1006.	1.2	.0	56.0		
8. ebd	*	500.0	482.0	1000.0	482.0	*	500.	90. AG	1123.	1.2	.0	44.0		
9. ebq	*	452.0	482.0	387.9	482.0	*	64.	270. AG	26.	100.0	.0	36.0	.63	3.3
10. wba	*	1000.0	518.0	500.0	518.0	*	500.	270. AG	1340.	1.2	.0	56.0		
11. wbd	*	500.0	518.0	.0	518.0	*	500.	270. AG	1612.	1.2	.0	44.0		
12. wbq	*	560.0	518.0	665.1	518.0	*	105.	90. AG	26.	100.0	.0	36.0	.84	5.3

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Slauson - TSM 2030

DATE : 9/16/ 8
 TIME : 17:10:23

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	22	3.0	2062	1600	5.47	3	3
6. sbq	*	60	22	3.0	1766	1600	5.47	3	3
9. ebq	*	60	35	3.0	1006	1600	5.47	3	3
12. wbq	*	60	35	3.0	1340	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	442.0	546.0	5.4	*
2. ne	*	570.0	546.0	5.4	*
3. sw	*	442.0	454.0	5.4	*
4. se	*	570.0	454.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION REC1	CONCENTRATION REC2	CONCENTRATION REC3	CONCENTRATION REC4
0.	.1	.1	.2	.1
10.	.2	.0	.3	.1
20.	.2	.0	.2	.1
30.	.2	.0	.2	.1
40.	.3	.0	.1	.1
50.	.2	.0	.1	.2
60.	.2	.0	.1	.2
70.	.2	.0	.3	.2
80.	.2	.0	.3	.2
90.	.3	.1	.3	.1
100.	.4	.2	.2	.0
110.	.4	.3	.2	.0
120.	.2	.2	.2	.0
130.	.2	.2	.2	.0
140.	.3	.2	.2	.0
150.	.2	.2	.2	.0
160.	.3	.1	.2	.0
170.	.3	.1	.2	.0
180.	.2	.3	.1	.1
190.	.2	.2	.0	.2
200.	.2	.2	.0	.2
210.	.2	.2	.0	.1
220.	.1	.1	.0	.1
230.	.1	.2	.0	.2
240.	.1	.2	.0	.2
250.	.1	.3	.0	.2
260.	.2	.2	.0	.2
270.	.1	.2	.1	.3
280.	.0	.1	.2	.4
290.	.0	.1	.3	.2
300.	.0	.1	.3	.3
310.	.0	.1	.2	.2
320.	.0	.2	.1	.1
330.	.0	.2	.1	.2
340.	.0	.2	.1	.2
350.	.0	.1	.1	.1
360.	.1	.1	.2	.1
MAX	.4	.3	.3	.4
DEGR.	100	110	10	280

THE HIGHEST CONCENTRATION OF .40 PPM OCCURRED AT RECEPTOR REC1 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Slauson - LRT 2030

DATE : 9/17/ 8
 TIME : 11:20:54

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. nba	*	530.0	.0	530.0	500.0	*	500.	360. AG	2074.	1.2	.0	80.0	
2. nbd	*	530.0	500.0	530.0	1000.0	*	500.	360. AG	1947.	1.2	.0	56.0	
3. nbq	*	530.0	464.0	530.0	416.5	*	48.	180. AG	26.	100.0	.0	60.0	.46 2.4
4. sba	*	476.0	1000.0	476.0	500.0	*	500.	180. AG	1810.	1.2	.0	68.0	
5. sbd	*	476.0	500.0	476.0	.0	*	500.	180. AG	1553.	1.2	.0	56.0	
6. sbq	*	476.0	536.0	476.0	587.9	*	52.	360. AG	21.	100.0	.0	48.0	.50 2.6
7. eba	*	.0	482.0	500.0	482.0	*	500.	90. AG	1005.	1.2	.0	56.0	
8. ebd	*	500.0	482.0	1000.0	482.0	*	500.	90. AG	1119.	1.2	.0	44.0	
9. ebq	*	452.0	482.0	386.1	482.0	*	66.	270. AG	26.	100.0	.0	36.0	.66 3.3
10. wba	*	1000.0	518.0	500.0	518.0	*	500.	270. AG	1343.	1.2	.0	56.0	
11. wbd	*	500.0	518.0	.0	518.0	*	500.	270. AG	1613.	1.2	.0	44.0	
12. wbq	*	560.0	518.0	681.7	518.0	*	122.	90. AG	26.	100.0	.0	36.0	.88 6.2

PAGE 2

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Slauson - LRT 2030

DATE : 9/17/ 8
 TIME : 11:20:54

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	21	3.0	2074	1600	5.47	3	3
6. sbq	*	60	21	3.0	1810	1600	5.47	3	3
9. ebq	*	60	36	3.0	1005	1600	5.47	3	3
12. wbq	*	60	36	3.0	1343	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	442.0	546.0	5.4	*
2. ne	*	570.0	546.0	5.4	*
3. sw	*	442.0	454.0	5.4	*
4. se	*	570.0	454.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION REC1	CONCENTRATION REC2	CONCENTRATION REC3	CONCENTRATION REC4
0.	.1	.1	.2	.2
10.	.2	.0	.3	.1
20.	.2	.0	.2	.1
30.	.2	.0	.2	.1
40.	.2	.0	.1	.1
50.	.2	.0	.1	.2
60.	.3	.0	.1	.2
70.	.2	.0	.3	.2
80.	.2	.0	.4	.2
90.	.3	.1	.3	.1
100.	.4	.2	.1	.0
110.	.4	.3	.2	.0
120.	.2	.2	.2	.0
130.	.2	.2	.2	.0
140.	.3	.2	.2	.0
150.	.2	.2	.2	.0
160.	.3	.1	.2	.0
170.	.3	.1	.2	.0
180.	.3	.3	.1	.1
190.	.2	.2	.0	.2
200.	.2	.2	.0	.2
210.	.2	.3	.0	.2
220.	.1	.1	.0	.1
230.	.1	.2	.0	.2
240.	.1	.2	.0	.2
250.	.1	.3	.0	.2
260.	.2	.2	.0	.2
270.	.1	.2	.1	.3
280.	.0	.1	.2	.3
290.	.0	.1	.3	.2
300.	.0	.1	.3	.3
310.	.0	.1	.2	.2
320.	.0	.2	.1	.2
330.	.0	.2	.1	.2
340.	.0	.2	.1	.2
350.	.0	.1	.1	.1
360.	.1	.1	.2	.2
MAX	.4	.3	.4	.3
DEGR.	100	110	80	270

THE HIGHEST CONCENTRATION OF .40 PPM OCCURRED AT RECEPTOR REC3 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C

RUN: Crenshaw/Stocker - Existing 2008

DATE : 9/16/ 8
 TIME : 17:21:19

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. nba	*	524.0	.0	524.0	500.0	*	500.	360. AG	1780.	4.8	.0	68.0	
2. nbd	*	524.0	500.0	524.0	1000.0	*	500.	360. AG	2027.	4.8	.0	56.0	
3. nbq	*	524.0	452.0	524.0	413.1	*	39.	180. AG	15.	100.0	.0	48.0	.43 2.0
4. sba	*	476.0	1000.0	476.0	500.0	*	500.	180. AG	1913.	4.8	.0	68.0	
5. sbd	*	476.0	500.0	476.0	.0	*	500.	180. AG	1817.	4.8	.0	56.0	
6. sbq	*	476.0	536.0	476.0	577.8	*	42.	360. AG	15.	100.0	.0	48.0	.46 2.1
7. eba	*	.0	476.0	500.0	476.0	*	500.	90. AG	986.	4.8	.0	68.0	
8. ebd	*	500.0	476.0	1000.0	476.0	*	500.	90. AG	387.	4.8	.0	44.0	
9. ebq	*	452.0	476.0	395.7	476.0	*	56.	270. AG	38.	100.0	.0	48.0	.66 2.9
10. wba	*	1000.0	518.0	500.0	518.0	*	500.	270. AG	468.	4.8	.0	56.0	
11. wbd	*	500.0	518.0	.0	518.0	*	500.	270. AG	916.	4.8	.0	44.0	
12. wbq	*	548.0	518.0	583.0	518.0	*	35.	90. AG	28.	100.0	.0	36.0	.42 1.8

JOB: D:\00Projects\Crenshaw Prairie Transit\C

RUN: Crenshaw/Stocker - Existing 2008

DATE : 9/16/ 8
 TIME : 17:21:19

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	16	3.0	1780	1600	5.13	3	3
6. sbq	*	60	16	3.0	1913	1600	5.13	3	3
9. ebq	*	60	41	3.0	986	1600	5.13	3	3
12. wbq	*	60	41	3.0	468	1600	5.13	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	442.0	546.0	5.4	*
2. ne	*	558.0	546.0	5.4	*
3. sw	*	442.0	442.0	5.4	*
4. se	*	558.0	442.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION REC1	CONCENTRATION REC2	CONCENTRATION REC3	CONCENTRATION REC4
0.	.5	.4	.7	.6
10.	.9	.0	1.3	.1
20.	.9	.0	1.0	.2
30.	.7	.0	1.0	.2
40.	.7	.0	.7	.2
50.	.5	.0	.7	.2
60.	.5	.0	.7	.2
70.	.5	.0	.8	.2
80.	.5	.0	.8	.2
90.	.6	.1	.7	.1
100.	.8	.3	.5	.0
110.	.8	.2	.5	.0
120.	.7	.2	.5	.0
130.	.8	.2	.5	.0
140.	.8	.2	.5	.0
150.	.9	.2	.7	.0
160.	1.1	.2	.8	.0
170.	1.3	.2	.8	.1
180.	.7	.6	.3	.4
190.	.3	1.1	.0	.9
200.	.3	1.0	.0	.8
210.	.3	.8	.0	.7
220.	.3	.7	.0	.5
230.	.3	.8	.0	.5
240.	.4	.9	.0	.5
250.	.5	1.0	.0	.5
260.	.5	1.1	.0	.4
270.	.2	.7	.2	.7
280.	.0	.5	.5	1.0
290.	.0	.5	.6	1.0
300.	.0	.5	.4	.7
310.	.0	.5	.4	.8
320.	.0	.6	.4	.8
330.	.0	.7	.3	.8
340.	.0	.9	.3	1.0
350.	.1	.9	.4	1.2
360.	.5	.4	.7	.6
MAX	1.3	1.1	1.3	1.2
DEGR.	170	190	10	350

THE HIGHEST CONCENTRATION OF 1.30 PPM OCCURRED AT RECEPTOR REC3 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C

RUN: Crenshaw/Stocker - No Build 2030

DATE : 9/16/ 8
 TIME : 17:23:47

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	*	524.0	.0	524.0	500.0	*	500.	360. AG	2150.	1.2	.0	68.0		
2. nbd	*	524.0	500.0	524.0	1000.0	*	500.	360. AG	2438.	1.2	.0	56.0		
3. nbq	*	524.0	452.0	524.0	405.0	*	47.	180. AG	16.	100.0	.0	48.0	.52	2.4
4. sba	*	476.0	1000.0	476.0	500.0	*	500.	180. AG	2237.	1.2	.0	68.0		
5. sbd	*	476.0	500.0	476.0	.0	*	500.	180. AG	2094.	1.2	.0	56.0		
6. sbq	*	476.0	536.0	476.0	584.9	*	49.	360. AG	16.	100.0	.0	48.0	.54	2.5
7. eba	*	.0	476.0	500.0	476.0	*	500.	90. AG	1197.	1.2	.0	68.0		
8. ebd	*	500.0	476.0	1000.0	476.0	*	500.	90. AG	488.	1.2	.0	44.0		
9. ebq	*	452.0	476.0	370.9	476.0	*	81.	270. AG	40.	100.0	.0	48.0	.80	4.1
10. wba	*	1000.0	518.0	500.0	518.0	*	500.	270. AG	576.	1.2	.0	56.0		
11. wbd	*	500.0	518.0	.0	518.0	*	500.	270. AG	1140.	1.2	.0	44.0		
12. wbq	*	548.0	518.0	591.0	518.0	*	43.	90. AG	30.	100.0	.0	36.0	.51	2.2

JOB: D:\00Projects\Crenshaw Prairie Transit\C

RUN: Crenshaw/Stocker - No Build 2030

DATE : 9/16/ 8
 TIME : 17:23:47

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	16	3.0	2150	1600	5.47	3	3
6. sbq	*	60	16	3.0	2237	1600	5.47	3	3
9. ebq	*	60	41	3.0	1197	1600	5.47	3	3
12. wbq	*	60	41	3.0	576	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	442.0	546.0	5.4	*
2. ne	*	558.0	546.0	5.4	*
3. sw	*	442.0	442.0	5.4	*
4. se	*	558.0	442.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION REC1	CONCENTRATION REC2	CONCENTRATION REC3	CONCENTRATION REC4
0.	.1	.1	.2	.2
10.	.3	.0	.4	.1
20.	.3	.0	.3	.0
30.	.2	.0	.3	.0
40.	.2	.0	.2	.0
50.	.2	.0	.1	.0
60.	.2	.0	.1	.0
70.	.2	.0	.2	.0
80.	.2	.0	.2	.0
90.	.2	.0	.2	.0
100.	.2	.1	.2	.0
110.	.2	.0	.2	.0
120.	.1	.0	.2	.0
130.	.2	.1	.2	.0
140.	.2	.1	.2	.0
150.	.3	.1	.2	.0
160.	.3	.1	.2	.0
170.	.3	.1	.3	.0
180.	.2	.2	.1	.1
190.	.1	.4	.0	.3
200.	.1	.2	.0	.3
210.	.1	.3	.0	.2
220.	.1	.2	.0	.2
230.	.1	.1	.0	.2
240.	.1	.2	.0	.2
250.	.2	.5	.0	.2
260.	.1	.4	.0	.2
270.	.1	.3	.1	.3
280.	.0	.2	.1	.4
290.	.0	.2	.2	.4
300.	.0	.2	.2	.1
310.	.0	.2	.2	.1
320.	.0	.2	.1	.2
330.	.0	.2	.1	.3
340.	.0	.3	.1	.3
350.	.0	.3	.1	.4
360.	.1	.1	.2	.2
MAX	.3	.5	.4	.4
DEGR.	10	250	10	280

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC2 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Stocker - BRT 2030

DATE : 9/17/ 8
 TIME : 11:23:41

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. nba	*	524.0	.0	524.0	500.0	*	500.	360. AG	2145.	1.2	.0	68.0	
2. nbd	*	524.0	500.0	524.0	1000.0	*	500.	360. AG	2431.	1.2	.0	56.0	
3. nbq	*	524.0	452.0	524.0	405.1	*	47.	180. AG	16.	100.0	.0	48.0	.52 2.4
4. sba	*	476.0	1000.0	476.0	500.0	*	500.	180. AG	2260.	1.2	.0	68.0	
5. sbd	*	476.0	500.0	476.0	.0	*	500.	180. AG	2115.	1.2	.0	56.0	
6. sbq	*	476.0	536.0	476.0	585.4	*	49.	360. AG	16.	100.0	.0	48.0	.54 2.5
7. eba	*	.0	476.0	500.0	476.0	*	500.	90. AG	1193.	1.2	.0	68.0	
8. ebd	*	500.0	476.0	1000.0	476.0	*	500.	90. AG	486.	1.2	.0	44.0	
9. ebq	*	452.0	476.0	371.5	476.0	*	80.	270. AG	40.	100.0	.0	48.0	.80 4.1
10. wba	*	1000.0	518.0	500.0	518.0	*	500.	270. AG	574.	1.2	.0	56.0	
11. wbd	*	500.0	518.0	.0	518.0	*	500.	270. AG	1140.	1.2	.0	44.0	
12. wbq	*	548.0	518.0	590.8	518.0	*	43.	90. AG	30.	100.0	.0	36.0	.51 2.2

PAGE 2

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Stocker - BRT 2030

DATE : 9/17/ 8
 TIME : 11:23:41

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	16	3.0	2145	1600	5.47	3	3
6. sbq	*	60	16	3.0	2260	1600	5.47	3	3
9. ebq	*	60	41	3.0	1193	1600	5.47	3	3
12. wbq	*	60	41	3.0	574	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	442.0	546.0	5.4	*
2. ne	*	558.0	546.0	5.4	*
3. sw	*	442.0	442.0	5.4	*
4. se	*	558.0	442.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	CONCENTRATION (PPM) REC2	CONCENTRATION (PPM) REC3	CONCENTRATION (PPM) REC4
0.	.1	.1	.2	.2
10.	.3	.0	.4	.1
20.	.3	.0	.3	.0
30.	.2	.0	.3	.0
40.	.2	.0	.2	.0
50.	.2	.0	.1	.0
60.	.2	.0	.1	.0
70.	.2	.0	.2	.0
80.	.2	.0	.2	.0
90.	.2	.0	.2	.0
100.	.2	.1	.2	.0
110.	.2	.0	.2	.0
120.	.1	.0	.2	.0
130.	.2	.1	.2	.0
140.	.2	.1	.2	.0
150.	.3	.1	.2	.0
160.	.3	.1	.3	.0
170.	.3	.1	.3	.0
180.	.2	.2	.1	.1
190.	.1	.4	.0	.3
200.	.1	.2	.0	.3
210.	.1	.3	.0	.2
220.	.1	.2	.0	.2
230.	.1	.1	.0	.2
240.	.1	.2	.0	.2
250.	.2	.5	.0	.2
260.	.1	.4	.0	.2
270.	.1	.3	.1	.3
280.	.0	.2	.1	.4
290.	.0	.2	.2	.4
300.	.0	.2	.2	.1
310.	.0	.2	.2	.1
320.	.0	.2	.1	.2
330.	.0	.2	.1	.3
340.	.0	.3	.1	.3
350.	.0	.3	.1	.4
360.	.1	.1	.2	.2
MAX	.3	.5	.4	.4
DEGR.	10	250	10	280

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC2 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Stocker - TSM 2030

DATE : 9/16/ 8
 TIME : 17:29:46

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. nba	*	524.0	.0	524.0	500.0	*	500.	360. AG	2143.	1.2	.0	68.0	
2. nbd	*	524.0	500.0	524.0	1000.0	*	500.	360. AG	2428.	1.2	.0	56.0	
3. nbq	*	524.0	452.0	524.0	405.2	*	47.	180. AG	16.	100.0	.0	48.0	.51 2.4
4. sba	*	476.0	1000.0	476.0	500.0	*	500.	180. AG	2231.	1.2	.0	68.0	
5. sbd	*	476.0	500.0	476.0	.0	*	500.	180. AG	2087.	1.2	.0	56.0	
6. sbq	*	476.0	536.0	476.0	584.7	*	49.	360. AG	16.	100.0	.0	48.0	.54 2.5
7. eba	*	.0	476.0	500.0	476.0	*	500.	90. AG	1193.	1.2	.0	68.0	
8. ebd	*	500.0	476.0	1000.0	476.0	*	500.	90. AG	487.	1.2	.0	44.0	
9. ebq	*	452.0	476.0	371.5	476.0	*	80.	270. AG	40.	100.0	.0	48.0	.80 4.1
10. wba	*	1000.0	518.0	500.0	518.0	*	500.	270. AG	575.	1.2	.0	56.0	
11. wbd	*	500.0	518.0	.0	518.0	*	500.	270. AG	1140.	1.2	.0	44.0	
12. wbq	*	548.0	518.0	590.8	518.0	*	43.	90. AG	30.	100.0	.0	36.0	.51 2.2

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Stocker - TSM 2030

DATE : 9/16/ 8
 TIME : 17:29:46

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	16	3.0	2143	1600	5.47	3	3
6. sbq	*	60	16	3.0	2231	1600	5.47	3	3
9. ebq	*	60	41	3.0	1193	1600	5.47	3	3
12. wbq	*	60	41	3.0	575	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	442.0	546.0	5.4	*
2. ne	*	558.0	546.0	5.4	*
3. sw	*	442.0	442.0	5.4	*
4. se	*	558.0	442.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION REC1	CONCENTRATION REC2	CONCENTRATION REC3	CONCENTRATION REC4
0.	.1	.1	.2	.2
10.	.3	.0	.4	.1
20.	.3	.0	.3	.0
30.	.2	.0	.3	.0
40.	.2	.0	.2	.0
50.	.2	.0	.1	.0
60.	.2	.0	.1	.0
70.	.2	.0	.2	.0
80.	.2	.0	.2	.0
90.	.2	.0	.2	.0
100.	.2	.1	.2	.0
110.	.2	.0	.2	.0
120.	.1	.0	.2	.0
130.	.2	.1	.2	.0
140.	.2	.1	.2	.0
150.	.3	.1	.2	.0
160.	.3	.1	.2	.0
170.	.3	.1	.3	.0
180.	.2	.2	.1	.1
190.	.1	.4	.0	.3
200.	.1	.2	.0	.3
210.	.1	.3	.0	.2
220.	.1	.2	.0	.2
230.	.1	.1	.0	.2
240.	.1	.2	.0	.2
250.	.2	.5	.0	.2
260.	.1	.4	.0	.2
270.	.1	.3	.1	.3
280.	.0	.2	.1	.4
290.	.0	.2	.2	.4
300.	.0	.2	.2	.1
310.	.0	.2	.2	.1
320.	.0	.2	.1	.2
330.	.0	.2	.1	.3
340.	.0	.3	.1	.3
350.	.0	.3	.1	.4
360.	.1	.1	.2	.2
MAX	.3	.5	.4	.4
DEGR.	10	250	10	280

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC2 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Stocker - LRT 2030

DATE : 9/17/ 8
 TIME : 11:23:17

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. nba	*	524.0	.0	524.0	500.0	*	500.	360. AG	2145.	1.2	.0	68.0	
2. nbd	*	524.0	500.0	524.0	1000.0	*	500.	360. AG	2431.	1.2	.0	56.0	
3. nbq	*	524.0	452.0	524.0	405.1	*	47.	180. AG	16.	100.0	.0	48.0	.52 2.4
4. sba	*	476.0	1000.0	476.0	500.0	*	500.	180. AG	2260.	1.2	.0	68.0	
5. sbd	*	476.0	500.0	476.0	.0	*	500.	180. AG	2115.	1.2	.0	56.0	
6. sbq	*	476.0	536.0	476.0	585.4	*	49.	360. AG	16.	100.0	.0	48.0	.54 2.5
7. eba	*	.0	476.0	500.0	476.0	*	500.	90. AG	1193.	1.2	.0	68.0	
8. ebd	*	500.0	476.0	1000.0	476.0	*	500.	90. AG	486.	1.2	.0	44.0	
9. ebq	*	452.0	476.0	371.5	476.0	*	80.	270. AG	40.	100.0	.0	48.0	.80 4.1
10. wba	*	1000.0	518.0	500.0	518.0	*	500.	270. AG	574.	1.2	.0	56.0	
11. wbd	*	500.0	518.0	.0	518.0	*	500.	270. AG	1140.	1.2	.0	44.0	
12. wbq	*	548.0	518.0	590.8	518.0	*	43.	90. AG	30.	100.0	.0	36.0	.51 2.2

JOB: D:\00Projects\Crenshaw Prairie Transit\C RUN: Crenshaw/Stocker - LRT 2030

DATE : 9/17/ 8
 TIME : 11:23:17

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	16	3.0	2145	1600	5.47	3	3
6. sbq	*	60	16	3.0	2260	1600	5.47	3	3
9. ebq	*	60	41	3.0	1193	1600	5.47	3	3
12. wbq	*	60	41	3.0	574	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	442.0	546.0	5.4	*
2. ne	*	558.0	546.0	5.4	*
3. sw	*	442.0	442.0	5.4	*
4. se	*	558.0	442.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION (PPM) REC1	CONCENTRATION (PPM) REC2	CONCENTRATION (PPM) REC3	CONCENTRATION (PPM) REC4
0.	.1	.1	.2	.2
10.	.3	.0	.4	.1
20.	.3	.0	.3	.0
30.	.2	.0	.3	.0
40.	.2	.0	.2	.0
50.	.2	.0	.1	.0
60.	.2	.0	.1	.0
70.	.2	.0	.2	.0
80.	.2	.0	.2	.0
90.	.2	.0	.2	.0
100.	.2	.1	.2	.0
110.	.2	.0	.2	.0
120.	.1	.0	.2	.0
130.	.2	.1	.2	.0
140.	.2	.1	.2	.0
150.	.3	.1	.2	.0
160.	.3	.1	.3	.0
170.	.3	.1	.3	.0
180.	.2	.2	.1	.1
190.	.1	.4	.0	.3
200.	.1	.2	.0	.3
210.	.1	.3	.0	.2
220.	.1	.2	.0	.2
230.	.1	.1	.0	.2
240.	.1	.2	.0	.2
250.	.2	.5	.0	.2
260.	.1	.4	.0	.2
270.	.1	.3	.1	.3
280.	.0	.2	.1	.4
290.	.0	.2	.2	.4
300.	.0	.2	.2	.1
310.	.0	.2	.2	.1
320.	.0	.2	.1	.2
330.	.0	.2	.1	.3
340.	.0	.3	.1	.3
350.	.0	.3	.1	.4
360.	.1	.1	.2	.2
MAX	.3	.5	.4	.4
DEGR.	10	250	10	280

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC2 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C

RUN: Crenshaw/Washington - Existing 2008

DATE : 9/16/ 8
 TIME : 17:53: 1

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	*	524.0	.0	524.0	500.0	*	500.	360. AG	2180.	4.8	.0	68.0		
2. nbd	*	524.0	500.0	524.0	1000.0	*	500.	360. AG	2035.	4.8	.0	44.0		
3. nbq	*	524.0	452.0	524.0	380.5	*	72.	180. AG	22.	100.0	.0	48.0	.66	3.6
4. sba	*	476.0	1000.0	476.0	500.0	*	500.	180. AG	946.	4.8	.0	68.0		
5. sbd	*	476.0	500.0	476.0	.0	*	500.	180. AG	1130.	4.8	.0	44.0		
6. sbq	*	476.0	548.0	476.0	590.6	*	43.	360. AG	30.	100.0	.0	48.0	.40	2.2
7. eba	*	.0	476.0	500.0	476.0	*	500.	90. AG	932.	4.8	.0	68.0		
8. ebd	*	500.0	476.0	1000.0	476.0	*	500.	90. AG	910.	4.8	.0	44.0		
9. ebq	*	452.0	476.0	410.0	476.0	*	42.	270. AG	30.	100.0	.0	48.0	.40	2.1
10. wba	*	1000.0	524.0	500.0	524.0	*	500.	270. AG	1372.	4.8	.0	68.0		
11. wbd	*	500.0	524.0	.0	524.0	*	500.	270. AG	1355.	4.8	.0	44.0		
12. wbq	*	548.0	524.0	609.9	524.0	*	62.	90. AG	30.	100.0	.0	48.0	.59	3.1

JOB: D:\00Projects\Crenshaw Prairie Transit\C

RUN: Crenshaw/Washington - Existing 2008

DATE : 9/16/ 8
 TIME : 17:53: 1

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	24	3.0	2180	1600	5.13	3	3
6. sbq	*	60	33	3.0	946	1600	5.13	3	3
9. ebq	*	60	33	3.0	932	1600	5.13	3	3
12. wbq	*	60	33	3.0	1372	1600	5.13	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	442.0	558.0	5.4	*
2. ne	*	558.0	558.0	5.4	*
3. sw	*	442.0	442.0	5.4	*
4. se	*	558.0	442.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION REC1	CONCENTRATION REC2	CONCENTRATION REC3	CONCENTRATION REC4
0.	.2	.3	.5	.7
10.	.6	.0	.9	.3
20.	.6	.0	.8	.3
30.	.5	.0	.7	.3
40.	.5	.0	.6	.4
50.	.5	.0	.6	.4
60.	.4	.0	.9	.4
70.	.4	.0	.9	.4
80.	.4	.1	1.0	.5
90.	.7	.3	.7	.1
100.	.9	.6	.4	.0
110.	.7	.5	.4	.0
120.	.8	.5	.5	.0
130.	.8	.5	.5	.0
140.	.6	.4	.5	.0
150.	.8	.4	.5	.0
160.	1.0	.4	.7	.0
170.	1.1	.5	.6	.1
180.	.8	.9	.2	.5
190.	.4	1.2	.0	.9
200.	.3	1.1	.0	.8
210.	.3	1.0	.0	.8
220.	.3	.8	.0	.6
230.	.4	.8	.0	.6
240.	.4	.8	.0	.5
250.	.6	1.1	.0	.5
260.	.5	1.0	.0	.5
270.	.2	.8	.2	.7
280.	.0	.5	.4	.9
290.	.0	.4	.5	.9
300.	.0	.4	.4	.8
310.	.0	.4	.4	.7
320.	.0	.5	.4	.8
330.	.0	.5	.3	.8
340.	.0	.7	.3	1.1
350.	.0	.7	.3	1.1
360.	.2	.3	.5	.7
MAX	1.1	1.2	1.0	1.1
DEGR.	170	190	80	340

THE HIGHEST CONCENTRATION OF 1.20 PPM OCCURRED AT RECEPTOR REC2 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C

RUN: Crenshaw/Washington - No Build 2030

DATE : 9/16/ 8
 TIME : 17:55:14

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. nba	*	524.0	.0	524.0	500.0	*	500.	360. AG	2552.	1.2	.0	68.0	
2. nbd	*	524.0	500.0	524.0	1000.0	*	500.	360. AG	2336.	1.2	.0	44.0	
3. nbq	*	524.0	452.0	524.0	346.9	*	105.	180. AG	25.	100.0	.0	48.0	.83 5.3
4. sba	*	476.0	1000.0	476.0	500.0	*	500.	180. AG	1172.	1.2	.0	68.0	
5. sbd	*	476.0	500.0	476.0	.0	*	500.	180. AG	1382.	1.2	.0	44.0	
6. sbq	*	476.0	548.0	476.0	589.7	*	42.	360. AG	25.	100.0	.0	48.0	.38 2.1
7. eba	*	.0	476.0	500.0	476.0	*	500.	90. AG	1165.	1.2	.0	68.0	
8. ebd	*	500.0	476.0	1000.0	476.0	*	500.	90. AG	1155.	1.2	.0	44.0	
9. ebq	*	452.0	476.0	402.7	476.0	*	49.	270. AG	30.	100.0	.0	48.0	.46 2.5
10. wba	*	1000.0	524.0	500.0	524.0	*	500.	270. AG	1859.	1.2	.0	68.0	
11. wbd	*	500.0	524.0	.0	524.0	*	500.	270. AG	1875.	1.2	.0	44.0	
12. wbq	*	548.0	524.0	627.7	524.0	*	80.	90. AG	30.	100.0	.0	48.0	.73 4.0

JOB: D:\00Projects\Crenshaw Prairie Transit\C

RUN: Crenshaw/Washington - No Build 2030

DATE : 9/16/ 8
 TIME : 17:55:14

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	26	3.0	2552	1600	5.47	3	3
6. sbq	*	60	26	3.0	1172	1600	5.47	3	3
9. ebq	*	60	31	3.0	1165	1600	5.47	3	3
12. wbq	*	60	31	3.0	1859	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	442.0	558.0	5.4	*
2. ne	*	558.0	558.0	5.4	*
3. sw	*	442.0	442.0	5.4	*
4. se	*	558.0	442.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION REC1	CONCENTRATION REC2	CONCENTRATION REC3	CONCENTRATION REC4
0.	.1	.1	.2	.2
10.	.2	.0	.3	.1
20.	.2	.0	.2	.1
30.	.2	.0	.1	.2
40.	.2	.0	.2	.1
50.	.2	.0	.1	.2
60.	.2	.0	.4	.2
70.	.2	.0	.3	.2
80.	.2	.0	.3	.2
90.	.3	.1	.1	.0
100.	.4	.2	.2	.0
110.	.2	.2	.2	.0
120.	.1	.2	.3	.0
130.	.1	.2	.3	.0
140.	.2	.2	.2	.0
150.	.2	.2	.2	.0
160.	.3	.2	.2	.0
170.	.3	.2	.2	.0
180.	.3	.3	.0	.2
190.	.2	.5	.0	.2
200.	.1	.3	.0	.4
210.	.1	.3	.0	.2
220.	.1	.2	.0	.2
230.	.1	.2	.0	.2
240.	.1	.2	.0	.2
250.	.1	.3	.0	.2
260.	.1	.2	.0	.2
270.	.1	.2	.1	.3
280.	.0	.1	.1	.4
290.	.0	.1	.2	.3
300.	.0	.1	.2	.2
310.	.0	.1	.3	.2
320.	.0	.1	.1	.1
330.	.0	.1	.1	.2
340.	.0	.2	.1	.3
350.	.0	.2	.1	.3
360.	.1	.1	.2	.2
MAX	.4	.5	.4	.4
DEGR.	100	190	60	200

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC2 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C

RUN: Crenshaw/Washington - BRT 2030

DATE : 9/16/ 8
 TIME : 17:56:58

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	*	524.0	.0	524.0	500.0	*	500.	360. AG	2504.	1.2	.0	68.0		
2. nbd	*	524.0	500.0	524.0	1000.0	*	500.	360. AG	2294.	1.2	.0	44.0		
3. nbq	*	524.0	452.0	524.0	360.9	*	91.	180. AG	24.	100.0	.0	48.0	.78	4.6
4. sba	*	476.0	1000.0	476.0	500.0	*	500.	180. AG	1149.	1.2	.0	68.0		
5. sbd	*	476.0	500.0	476.0	.0	*	500.	180. AG	1357.	1.2	.0	44.0		
6. sbq	*	476.0	548.0	476.0	587.2	*	39.	360. AG	24.	100.0	.0	48.0	.36	2.0
7. eba	*	.0	476.0	500.0	476.0	*	500.	90. AG	1158.	1.2	.0	68.0		
8. ebd	*	500.0	476.0	1000.0	476.0	*	500.	90. AG	1153.	1.2	.0	44.0		
9. ebq	*	452.0	476.0	401.4	476.0	*	51.	270. AG	31.	100.0	.0	48.0	.47	2.6
10. wba	*	1000.0	524.0	500.0	524.0	*	500.	270. AG	1781.	1.2	.0	68.0		
11. wbd	*	500.0	524.0	.0	524.0	*	500.	270. AG	1788.	1.2	.0	44.0		
12. wbq	*	548.0	524.0	627.4	524.0	*	79.	90. AG	31.	100.0	.0	48.0	.73	4.0

JOB: D:\00Projects\Crenshaw Prairie Transit\C

RUN: Crenshaw/Washington - BRT 2030

DATE : 9/16/ 8
 TIME : 17:56:58

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	25	3.0	2504	1600	5.47	3	3
6. sbq	*	60	25	3.0	1149	1600	5.47	3	3
9. ebq	*	60	32	3.0	1158	1600	5.47	3	3
12. wbq	*	60	32	3.0	1781	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	442.0	558.0	5.4	*
2. ne	*	558.0	558.0	5.4	*
3. sw	*	442.0	442.0	5.4	*
4. se	*	558.0	442.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION REC1	CONCENTRATION REC2	CONCENTRATION REC3	CONCENTRATION REC4
0.	.1	.1	.2	.2
10.	.2	.0	.3	.1
20.	.2	.0	.2	.1
30.	.2	.0	.1	.2
40.	.2	.0	.2	.1
50.	.1	.0	.1	.2
60.	.2	.0	.3	.2
70.	.2	.0	.3	.2
80.	.2	.0	.3	.1
90.	.3	.1	.1	.0
100.	.4	.2	.1	.0
110.	.3	.2	.2	.0
120.	.1	.2	.3	.0
130.	.1	.2	.2	.0
140.	.2	.2	.2	.0
150.	.2	.2	.2	.0
160.	.3	.2	.2	.0
170.	.3	.2	.2	.0
180.	.3	.3	.0	.2
190.	.2	.5	.0	.2
200.	.2	.3	.0	.4
210.	.1	.3	.0	.2
220.	.1	.2	.0	.2
230.	.1	.2	.0	.2
240.	.1	.2	.0	.2
250.	.1	.3	.0	.2
260.	.1	.2	.0	.2
270.	.1	.2	.1	.3
280.	.0	.1	.1	.4
290.	.0	.1	.2	.3
300.	.0	.1	.3	.2
310.	.0	.1	.3	.1
320.	.0	.1	.1	.1
330.	.0	.1	.1	.2
340.	.0	.2	.1	.2
350.	.0	.2	.1	.3
360.	.1	.1	.2	.2
MAX	.4	.5	.3	.4
DEGR.	100	190	10	200

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC2 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C

RUN: Crenshaw/Washington - TSM 2030

DATE : 9/16/ 8
 TIME : 18: 4:35

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. nba	*	524.0	.0	524.0	500.0	*	500.	360. AG	2526.	1.2	.0	68.0	
2. nbd	*	524.0	500.0	524.0	1000.0	*	500.	360. AG	2310.	1.2	.0	44.0	
3. nbq	*	524.0	452.0	524.0	350.0	*	102.	180. AG	25.	100.0	.0	48.0	.82 5.2
4. sba	*	476.0	1000.0	476.0	500.0	*	500.	180. AG	1161.	1.2	.0	68.0	
5. sbd	*	476.0	500.0	476.0	.0	*	500.	180. AG	1370.	1.2	.0	44.0	
6. sbq	*	476.0	548.0	476.0	589.2	*	41.	360. AG	25.	100.0	.0	48.0	.38 2.1
7. eba	*	.0	476.0	500.0	476.0	*	500.	90. AG	1161.	1.2	.0	68.0	
8. ebd	*	500.0	476.0	1000.0	476.0	*	500.	90. AG	1154.	1.2	.0	44.0	
9. ebq	*	452.0	476.0	402.8	476.0	*	49.	270. AG	30.	100.0	.0	48.0	.45 2.5
10. wba	*	1000.0	524.0	500.0	524.0	*	500.	270. AG	1839.	1.2	.0	68.0	
11. wbd	*	500.0	524.0	.0	524.0	*	500.	270. AG	1853.	1.2	.0	44.0	
12. wbq	*	548.0	524.0	626.1	524.0	*	78.	90. AG	30.	100.0	.0	48.0	.72 4.0

JOB: D:\00Projects\Crenshaw Prairie Transit\C

RUN: Crenshaw/Washington - TSM 2030

DATE : 9/16/ 8
 TIME : 18: 4:35

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	26	3.0	2526	1600	5.47	3	3
6. sbq	*	60	26	3.0	1161	1600	5.47	3	3
9. ebq	*	60	31	3.0	1161	1600	5.47	3	3
12. wbq	*	60	31	3.0	1839	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	442.0	558.0	5.4	*
2. ne	*	558.0	558.0	5.4	*
3. sw	*	442.0	442.0	5.4	*
4. se	*	558.0	442.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION REC1	CONCENTRATION REC2	CONCENTRATION REC3	CONCENTRATION REC4
0.	.1	.1	.2	.2
10.	.2	.0	.3	.1
20.	.2	.0	.2	.1
30.	.2	.0	.1	.2
40.	.2	.0	.2	.1
50.	.2	.0	.1	.2
60.	.2	.0	.4	.2
70.	.2	.0	.3	.2
80.	.2	.0	.3	.1
90.	.3	.1	.1	.0
100.	.4	.2	.2	.0
110.	.2	.2	.2	.0
120.	.1	.2	.3	.0
130.	.1	.2	.3	.0
140.	.2	.2	.2	.0
150.	.2	.2	.2	.0
160.	.3	.2	.2	.0
170.	.3	.2	.2	.0
180.	.3	.3	.0	.2
190.	.2	.5	.0	.2
200.	.1	.3	.0	.4
210.	.1	.3	.0	.2
220.	.1	.2	.0	.2
230.	.1	.2	.0	.2
240.	.1	.2	.0	.2
250.	.1	.3	.0	.2
260.	.1	.2	.0	.2
270.	.1	.2	.1	.3
280.	.0	.1	.1	.4
290.	.0	.1	.2	.3
300.	.0	.1	.2	.2
310.	.0	.1	.3	.2
320.	.0	.1	.1	.1
330.	.0	.1	.1	.2
340.	.0	.2	.1	.2
350.	.0	.2	.1	.3
360.	.1	.1	.2	.2
MAX	.4	.5	.4	.4
DEGR.	100	190	60	200

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC2 .

JOB: D:\00Projects\Crenshaw Prairie Transit\C

RUN: Crenshaw/Washington - LRT 2030

DATE : 9/17/ 8
 TIME : 11:26:57

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	*	524.0	.0	524.0	500.0	*	500.	360. AG	2531.	1.2	.0	68.0		
2. nbd	*	524.0	500.0	524.0	1000.0	*	500.	360. AG	2325.	1.2	.0	44.0		
3. nbq	*	524.0	452.0	524.0	358.8	*	93.	180. AG	24.	100.0	.0	48.0	.79	4.7
4. sba	*	476.0	1000.0	476.0	500.0	*	500.	180. AG	1176.	1.2	.0	68.0		
5. sbd	*	476.0	500.0	476.0	.0	*	500.	180. AG	1388.	1.2	.0	44.0		
6. sbq	*	476.0	548.0	476.0	588.2	*	40.	360. AG	24.	100.0	.0	48.0	.37	2.0
7. eba	*	.0	476.0	500.0	476.0	*	500.	90. AG	1155.	1.2	.0	68.0		
8. ebd	*	500.0	476.0	1000.0	476.0	*	500.	90. AG	1145.	1.2	.0	44.0		
9. ebq	*	452.0	476.0	401.6	476.0	*	50.	270. AG	31.	100.0	.0	48.0	.47	2.6
10. wba	*	1000.0	524.0	500.0	524.0	*	500.	270. AG	1781.	1.2	.0	68.0		
11. wbd	*	500.0	524.0	.0	524.0	*	500.	270. AG	1785.	1.2	.0	44.0		
12. wbq	*	548.0	524.0	627.4	524.0	*	79.	90. AG	31.	100.0	.0	48.0	.73	4.0

JOB: D:\00Projects\Crenshaw Prairie Transit\C

RUN: Crenshaw/Washington - LRT 2030

DATE : 9/17/ 8
 TIME : 11:26:57

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	25	3.0	2531	1600	5.47	3	3
6. sbq	*	60	25	3.0	1176	1600	5.47	3	3
9. ebq	*	60	32	3.0	1155	1600	5.47	3	3
12. wbq	*	60	32	3.0	1781	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	442.0	558.0	5.4	*
2. ne	*	558.0	558.0	5.4	*
3. sw	*	442.0	442.0	5.4	*
4. se	*	558.0	442.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION REC1	CONCENTRATION REC2	CONCENTRATION REC3	CONCENTRATION REC4
0.	.1	.1	.2	.2
10.	.2	.0	.3	.1
20.	.2	.0	.2	.1
30.	.2	.0	.1	.2
40.	.2	.0	.2	.1
50.	.1	.0	.1	.2
60.	.2	.0	.4	.2
70.	.2	.0	.3	.2
80.	.2	.0	.3	.1
90.	.3	.1	.1	.0
100.	.4	.2	.1	.0
110.	.3	.2	.2	.0
120.	.1	.2	.3	.0
130.	.1	.2	.2	.0
140.	.2	.2	.2	.0
150.	.2	.2	.2	.0
160.	.3	.2	.2	.0
170.	.3	.2	.2	.0
180.	.3	.3	.0	.2
190.	.2	.5	.0	.2
200.	.2	.3	.0	.4
210.	.1	.3	.0	.2
220.	.1	.2	.0	.2
230.	.1	.2	.0	.2
240.	.1	.2	.0	.2
250.	.1	.3	.0	.2
260.	.1	.2	.0	.2
270.	.1	.2	.1	.3
280.	.0	.1	.1	.4
290.	.0	.1	.2	.3
300.	.0	.1	.3	.2
310.	.0	.1	.3	.1
320.	.0	.1	.1	.1
330.	.0	.1	.1	.2
340.	.0	.2	.1	.3
350.	.0	.2	.1	.3
360.	.1	.1	.2	.2
MAX	.4	.5	.4	.4
DEGR.	100	190	60	200

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC2 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L

RUN: La Brea/Jefferson - Existing 2008

DATE : 9/16/ 8
 TIME : 18:12:57

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. nba	* 1719.2	.0	1719.2	1640.4	* 1640.	360. AG	2013.	4.8	.0	****	
2. nbd	* 1719.2	1640.4	1719.2	3280.8	* 1640.	360. AG	1829.	4.8	.0	****	
3. nbq	* 1719.2	1482.9	1719.2	1430.7	* 52.	180. AG	17.	100.0	.0	****	.52 2.7
4. sba	* 1561.7	3280.8	1561.7	1640.4	* 1640.	180. AG	2285.	4.8	.0	****	
5. sbd	* 1561.7	1640.4	1561.7	.0	* 1640.	180. AG	2629.	4.8	.0	****	
6. sbq	* 1561.7	1758.5	1561.7	1817.9	* 59.	360. AG	17.	100.0	.0	****	.60 3.0
7. eba	* .0	1561.7	1640.4	1561.7	* 1640.	90. AG	1415.	4.8	.0	****	
8. ebd	* 1640.4	1561.7	3280.8	1561.7	* 1640.	90. AG	1166.	4.8	.0	****	
9. ebq	* 1482.9	1561.7	1399.5	1561.7	* 83.	270. AG	35.	100.0	.0	****	.78 4.2
10. wba	* 3280.8	1699.5	1640.4	1699.5	* 1640.	270. AG	669.	4.8	.0	****	
11. wbd	* 1640.4	1699.5	.0	1699.5	* 1640.	270. AG	758.	4.8	.0	****	
12. wbq	* 1797.9	1699.5	1844.2	1699.5	* 46.	90. AG	26.	100.0	.0	****	.49 2.4

PAGE 2

JOB: D:\00Projects\Crenshaw Prairie Transit\L

RUN: La Brea/Jefferson - Existing 2008

DATE : 9/16/ 8
 TIME : 18:12:57

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	* 60	19	3.0	2013	1600	5.13	3	3
6. sbq	* 60	19	3.0	2285	1600	5.13	3	3
9. ebq	* 60	38	3.0	1415	1600	5.13	3	3
12. wbq	* 60	38	3.0	669	1600	5.13	3	3

RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z	*
1. nw	* 1450.1	1791.3	17.7	*
2. ne	* 1830.7	1791.3	17.7	*
3. sw	* 1450.1	1450.1	17.7	*
4. se	* 1830.7	1450.1	17.7	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION REC1	CONCENTRATION REC2	CONCENTRATION REC3	CONCENTRATION REC4
0.	.3	.2	.3	.4
10.	.5	.0	.7	.1
20.	.5	.0	.6	.1
30.	.3	.0	.4	.1
40.	.3	.0	.5	.1
50.	.3	.0	.4	.1
60.	.3	.0	.6	.2
70.	.2	.0	.6	.3
80.	.2	.0	.7	.2
90.	.3	.1	.4	.1
100.	.4	.2	.3	.0
110.	.4	.2	.3	.0
120.	.4	.2	.3	.0
130.	.4	.2	.3	.0
140.	.4	.2	.3	.0
150.	.6	.1	.4	.0
160.	.7	.1	.6	.0
170.	.9	.1	.6	.0
180.	.4	.3	.2	.2
190.	.1	.6	.0	.6
200.	.1	.6	.0	.5
210.	.2	.5	.0	.4
220.	.2	.5	.0	.4
230.	.2	.4	.0	.3
240.	.2	.4	.0	.2
250.	.2	.4	.0	.2
260.	.3	.4	.0	.2
270.	.1	.3	.2	.4
280.	.0	.2	.4	.5
290.	.0	.2	.3	.4
300.	.0	.2	.2	.5
310.	.0	.2	.2	.4
320.	.0	.3	.1	.3
330.	.0	.4	.1	.5
340.	.0	.5	.1	.6
350.	.0	.5	.1	.7
360.	.3	.2	.3	.4
MAX	.9	.6	.7	.7
DEGR.	170	190	10	350

THE HIGHEST CONCENTRATION OF .90 PPM OCCURRED AT RECEPTOR REC1 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L

RUN: La Brea/Jefferson - No Build 2030

DATE : 9/16/ 8
 TIME : 18:15:19

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	* 1719.2	.0	1719.2	1640.4	* 1640.	360. AG	2419.	1.2	.0	****		
2. nbd	* 1719.2	1640.4	1719.2	3280.8	* 1640.	360. AG	2176.	1.2	.0	****		
3. nbq	* 1719.2	1482.9	1719.2	1420.2	* 63.	180. AG	19.	100.0	.0	****	.63	3.2
4. sba	* 1561.7	3280.8	1561.7	1640.4	* 1640.	180. AG	2677.	1.2	.0	****		
5. sbd	* 1561.7	1640.4	1561.7	.0	* 1640.	180. AG	3061.	1.2	.0	****		
6. sbq	* 1561.7	1758.5	1561.7	1828.0	* 70.	360. AG	19.	100.0	.0	****	.70	3.5
7. eba	* .0	1561.7	1640.4	1561.7	* 1640.	90. AG	1728.	1.2	.0	****		
8. ebd	* 1640.4	1561.7	3280.8	1561.7	* 1640.	90. AG	1460.	1.2	.0	****		
9. ebq	* 1482.9	1561.7	1325.8	1561.7	* 157.	270. AG	37.	100.0	.0	****	.95	8.0
10. wba	* 3280.8	1699.5	1640.4	1699.5	* 1640.	270. AG	839.	1.2	.0	****		
11. wbd	* 1640.4	1699.5	.0	1699.5	* 1640.	270. AG	966.	1.2	.0	****		
12. wbq	* 1797.9	1699.5	1855.9	1699.5	* 58.	90. AG	28.	100.0	.0	****	.62	2.9

JOB: D:\00Projects\Crenshaw Prairie Transit\L

RUN: La Brea/Jefferson - No Build 2030

DATE : 9/16/ 8
 TIME : 18:15:19

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	* 60	19	3.0	2419	1600	5.47	3	3
6. sbq	* 60	19	3.0	2677	1600	5.47	3	3
9. ebq	* 60	38	3.0	1728	1600	5.47	3	3
12. wbq	* 60	38	3.0	839	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z	*
1. nw	* 1450.1	1791.3	17.7	*
2. ne	* 1830.7	1791.3	17.7	*
3. sw	* 1450.1	1450.1	17.7	*
4. se	* 1830.7	1450.1	17.7	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4
0.	.1	.0	.1	.1
10.	.1	.0	.1	.0
20.	.1	.0	.1	.0
30.	.1	.0	.0	.0
40.	.1	.0	.0	.0
50.	.0	.0	.1	.0
60.	.0	.0	.1	.0
70.	.0	.0	.0	.1
80.	.0	.0	.1	.1
90.	.0	.0	.0	.0
100.	.0	.0	.0	.0
110.	.0	.0	.0	.0
120.	.0	.0	.1	.0
130.	.0	.0	.1	.0
140.	.0	.0	.1	.0
150.	.0	.0	.1	.0
160.	.2	.0	.2	.0
170.	.1	.0	.1	.0
180.	.1	.1	.1	.1
190.	.0	.2	.0	.1
200.	.0	.2	.0	.2
210.	.0	.1	.0	.2
220.	.0	.0	.0	.1
230.	.0	.0	.0	.0
240.	.0	.0	.0	.0
250.	.0	.0	.0	.0
260.	.1	.0	.0	.0
270.	.0	.0	.1	.0
280.	.0	.0	.1	.1
290.	.0	.0	.1	.0
300.	.0	.0	.0	.0
310.	.0	.0	.0	.0
320.	.0	.0	.0	.0
330.	.0	.1	.1	.0
340.	.0	.2	.1	.2
350.	.0	.1	.0	.2
360.	.1	.0	.1	.1
MAX	.2	.2	.2	.2
DEGR.	160	190	160	200

THE HIGHEST CONCENTRATION OF .20 PPM OCCURRED AT RECEPTOR REC1 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Jefferson - BRT 2030

DATE : 9/16/ 8
 TIME : 18:16:53

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. nba	* 1719.2	.0	1719.2	1640.4	* 1640.	360. AG	2400.	1.2	.0	****	
2. nbd	* 1719.2	1640.4	1719.2	3280.8	* 1640.	360. AG	2163.	1.2	.0	****	
3. nbq	* 1719.2	1482.9	1719.2	1420.6	* 62.	180. AG	19.	100.0	.0	****	.63 3.2
4. sba	* 1561.7	3280.8	1561.7	1640.4	* 1640.	180. AG	2640.	1.2	.0	****	
5. sbd	* 1561.7	1640.4	1561.7	.0	* 1640.	180. AG	3021.	1.2	.0	****	
6. sbq	* 1561.7	1758.5	1561.7	1827.1	* 69.	360. AG	19.	100.0	.0	****	.69 3.5
7. eba	* .0	1561.7	1640.4	1561.7	* 1640.	90. AG	1719.	1.2	.0	****	
8. ebd	* 1640.4	1561.7	3280.8	1561.7	* 1640.	90. AG	1458.	1.2	.0	****	
9. ebq	* 1482.9	1561.7	1330.6	1561.7	* 152.	270. AG	37.	100.0	.0	****	.95 7.7
10. wba	* 3280.8	1699.5	1640.4	1699.5	* 1640.	270. AG	808.	1.2	.0	****	
11. wbd	* 1640.4	1699.5	.0	1699.5	* 1640.	270. AG	925.	1.2	.0	****	
12. wbq	* 1797.9	1699.5	1853.8	1699.5	* 56.	90. AG	28.	100.0	.0	****	.59 2.8

PAGE 2

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Jefferson - BRT 2030

DATE : 9/16/ 8
 TIME : 18:16:53

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	* 60	19	3.0	2400	1600	5.47	3	3
6. sbq	* 60	19	3.0	2640	1600	5.47	3	3
9. ebq	* 60	38	3.0	1719	1600	5.47	3	3
12. wbq	* 60	38	3.0	808	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z	*
1. nw	* 1450.1	1791.3	17.7	*
2. ne	* 1830.7	1791.3	17.7	*
3. sw	* 1450.1	1450.1	17.7	*
4. se	* 1830.7	1450.1	17.7	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION REC1	CONCENTRATION REC2	CONCENTRATION REC3	CONCENTRATION REC4
0.	.1	.0	.1	.1
10.	.1	.0	.1	.0
20.	.1	.0	.1	.0
30.	.1	.0	.0	.0
40.	.1	.0	.0	.0
50.	.0	.0	.1	.0
60.	.0	.0	.1	.0
70.	.0	.0	.0	.1
80.	.0	.0	.1	.1
90.	.0	.0	.0	.0
100.	.0	.0	.0	.0
110.	.0	.0	.0	.0
120.	.0	.0	.1	.0
130.	.0	.0	.1	.0
140.	.0	.0	.1	.0
150.	.0	.0	.1	.0
160.	.2	.0	.2	.0
170.	.1	.0	.1	.0
180.	.1	.1	.1	.1
190.	.0	.2	.0	.1
200.	.0	.2	.0	.2
210.	.0	.1	.0	.2
220.	.0	.0	.0	.1
230.	.0	.0	.0	.0
240.	.0	.0	.0	.0
250.	.0	.0	.0	.0
260.	.0	.0	.0	.0
270.	.0	.0	.1	.0
280.	.0	.0	.1	.1
290.	.0	.0	.1	.0
300.	.0	.0	.0	.0
310.	.0	.0	.0	.0
320.	.0	.0	.0	.0
330.	.0	.1	.1	.0
340.	.0	.2	.1	.2
350.	.0	.1	.0	.2
360.	.1	.0	.1	.1
MAX	.2	.2	.2	.2
DEGR.	160	190	160	200

THE HIGHEST CONCENTRATION OF .20 PPM OCCURRED AT RECEPTOR REC1 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Jefferson - TSM 2030

DATE : 9/16/ 8
 TIME : 18:18:26

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	* X1	Y1	X2	Y2	* LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. nba	* 1719.2	.0	1719.2	1640.4	* 1640.	360. AG	2410.	1.2	.0	****	
2. nbd	* 1719.2	1640.4	1719.2	3280.8	* 1640.	360. AG	2165.	1.2	.0	****	
3. nbq	* 1719.2	1482.9	1719.2	1420.4	* 63.	180. AG	19.	100.0	.0	****	.63 3.2
4. sba	* 1561.7	3280.8	1561.7	1640.4	* 1640.	180. AG	2677.	1.2	.0	****	
5. sbd	* 1561.7	1640.4	1561.7	.0	* 1640.	180. AG	3061.	1.2	.0	****	
6. sbq	* 1561.7	1758.5	1561.7	1828.0	* 70.	360. AG	19.	100.0	.0	****	.70 3.5
7. eba	* .0	1561.7	1640.4	1561.7	* 1640.	90. AG	1731.	1.2	.0	****	
8. ebd	* 1640.4	1561.7	3280.8	1561.7	* 1640.	90. AG	1466.	1.2	.0	****	
9. ebq	* 1482.9	1561.7	1325.8	1561.7	* 157.	270. AG	37.	100.0	.0	****	.95 8.0
10. wba	* 3280.8	1699.5	1640.4	1699.5	* 1640.	270. AG	834.	1.2	.0	****	
11. wbd	* 1640.4	1699.5	.0	1699.5	* 1640.	270. AG	960.	1.2	.0	****	
12. wbq	* 1797.9	1699.5	1855.7	1699.5	* 58.	90. AG	28.	100.0	.0	****	.61 2.9

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Jefferson - TSM 2030

DATE : 9/16/ 8
 TIME : 18:18:26

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	* CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	* 60	19	3.0	2410	1600	5.47	3	3
6. sbq	* 60	19	3.0	2677	1600	5.47	3	3
9. ebq	* 60	38	3.0	1731	1600	5.47	3	3
12. wbq	* 60	38	3.0	834	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	* X	Y	Z	*
1. nw	* 1450.1	1791.3	17.7	*
2. ne	* 1830.7	1791.3	17.7	*
3. sw	* 1450.1	1450.1	17.7	*
4. se	* 1830.7	1450.1	17.7	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION REC1	CONCENTRATION REC2	CONCENTRATION REC3	CONCENTRATION REC4
0.	.1	.0	.1	.1
10.	.1	.0	.1	.0
20.	.1	.0	.1	.0
30.	.1	.0	.0	.0
40.	.1	.0	.0	.0
50.	.0	.0	.1	.0
60.	.0	.0	.1	.0
70.	.0	.0	.0	.1
80.	.0	.0	.1	.1
90.	.0	.0	.0	.0
100.	.0	.0	.0	.0
110.	.0	.0	.0	.0
120.	.0	.0	.1	.0
130.	.0	.0	.1	.0
140.	.0	.0	.1	.0
150.	.0	.0	.1	.0
160.	.2	.0	.2	.0
170.	.1	.0	.1	.0
180.	.1	.1	.1	.1
190.	.0	.2	.0	.1
200.	.0	.2	.0	.2
210.	.0	.1	.0	.2
220.	.0	.0	.0	.1
230.	.0	.0	.0	.0
240.	.0	.0	.0	.0
250.	.0	.0	.0	.0
260.	.1	.0	.0	.0
270.	.0	.0	.1	.0
280.	.0	.0	.1	.1
290.	.0	.0	.1	.0
300.	.0	.0	.0	.0
310.	.0	.0	.0	.0
320.	.0	.0	.0	.0
330.	.0	.1	.1	.0
340.	.0	.2	.1	.2
350.	.0	.1	.0	.2
360.	.1	.0	.1	.1
MAX	.2	.2	.2	.2
DEGR.	160	190	160	200

THE HIGHEST CONCENTRATION OF .20 PPM OCCURRED AT RECEPTOR REC1 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Jefferson - LRT 2030

DATE : 9/17/ 8
 TIME : 11:28:52

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	*	1719.2	.0	1719.2	1640.4	*	1640.	360. AG	2401.	1.2	.0	****		
2. nbd	*	1719.2	1640.4	1719.2	3280.8	*	1640.	360. AG	2162.	1.2	.0	****		
3. nbq	*	1719.2	1482.9	1719.2	1420.6	*	62.	180. AG	19.	100.0	.0	****	.63	3.2
4. sba	*	1561.7	3280.8	1561.7	1640.4	*	1640.	180. AG	2663.	1.2	.0	****		
5. sbd	*	1561.7	1640.4	1561.7	.0	*	1640.	180. AG	3048.	1.2	.0	****		
6. sbq	*	1561.7	1758.5	1561.7	1827.6	*	69.	360. AG	19.	100.0	.0	****	.69	3.5
7. eba	*	.0	1561.7	1640.4	1561.7	*	1640.	90. AG	1736.	1.2	.0	****		
8. ebd	*	1640.4	1561.7	3280.8	1561.7	*	1640.	90. AG	1474.	1.2	.0	****		
9. ebq	*	1482.9	1561.7	1322.5	1561.7	*	160.	270. AG	37.	100.0	.0	****	.96	8.2
10. wba	*	3280.8	1699.5	1640.4	1699.5	*	1640.	270. AG	810.	1.2	.0	****		
11. wbd	*	1640.4	1699.5	.0	1699.5	*	1640.	270. AG	926.	1.2	.0	****		
12. wbq	*	1797.9	1699.5	1854.0	1699.5	*	56.	90. AG	28.	100.0	.0	****	.60	2.9

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Jefferson - LRT 2030

DATE : 9/17/ 8
 TIME : 11:28:52

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	19	3.0	2401	1600	5.47	3	3
6. sbq	*	60	19	3.0	2663	1600	5.47	3	3
9. ebq	*	60	38	3.0	1736	1600	5.47	3	3
12. wbq	*	60	38	3.0	810	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	1450.1	1791.3	17.7	*
2. ne	*	1830.7	1791.3	17.7	*
3. sw	*	1450.1	1450.1	17.7	*
4. se	*	1830.7	1450.1	17.7	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION REC1	CONCENTRATION REC2	CONCENTRATION REC3	CONCENTRATION REC4
0.	.1	.0	.1	.1
10.	.1	.0	.1	.0
20.	.1	.0	.1	.0
30.	.1	.0	.0	.0
40.	.1	.0	.0	.0
50.	.0	.0	.1	.0
60.	.0	.0	.1	.0
70.	.0	.0	.0	.1
80.	.0	.0	.1	.1
90.	.0	.0	.0	.0
100.	.0	.0	.0	.0
110.	.0	.0	.0	.0
120.	.0	.0	.1	.0
130.	.0	.0	.1	.0
140.	.0	.0	.1	.0
150.	.0	.0	.1	.0
160.	.2	.0	.2	.0
170.	.1	.0	.1	.0
180.	.1	.1	.1	.1
190.	.0	.2	.0	.1
200.	.0	.2	.0	.2
210.	.0	.1	.0	.2
220.	.0	.0	.0	.1
230.	.0	.0	.0	.0
240.	.0	.0	.0	.0
250.	.0	.0	.0	.0
260.	.0	.0	.0	.0
270.	.0	.0	.1	.0
280.	.0	.0	.1	.1
290.	.0	.0	.1	.0
300.	.0	.0	.0	.0
310.	.0	.0	.0	.0
320.	.0	.0	.0	.0
330.	.0	.1	.1	.0
340.	.0	.2	.1	.2
350.	.0	.1	.0	.2
360.	.1	.0	.1	.1
MAX	.2	.2	.2	.2
DEGR.	160	190	160	200

THE HIGHEST CONCENTRATION OF .20 PPM OCCURRED AT RECEPTOR REC1 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Rodeo - Existing 2008

DATE : 9/17/ 8
 TIME : 9:38: 0

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	*	524.0	.0	524.0	500.0	*	500.	360. AG	1789.	4.8	.0	68.0		
2. nbd	*	524.0	500.0	524.0	1000.0	*	500.	360. AG	2055.	4.8	.0	56.0		
3. nbq	*	524.0	452.0	524.0	398.2	*	54.	180. AG	20.	100.0	.0	48.0	.51	2.7
4. sba	*	470.0	1000.0	470.0	500.0	*	500.	180. AG	2571.	4.8	.0	80.0		
5. sbd	*	470.0	500.0	470.0	.0	*	500.	180. AG	2310.	4.8	.0	56.0		
6. sbq	*	470.0	548.0	470.0	609.8	*	62.	360. AG	25.	100.0	.0	60.0	.58	3.1
7. eba	*	.0	476.0	500.0	476.0	*	500.	90. AG	1362.	4.8	.0	68.0		
8. ebd	*	500.0	476.0	1000.0	476.0	*	500.	90. AG	1544.	4.8	.0	44.0		
9. ebq	*	440.0	476.0	374.9	476.0	*	65.	270. AG	32.	100.0	.0	48.0	.64	3.3
10. wba	*	1000.0	524.0	500.0	524.0	*	500.	270. AG	1286.	4.8	.0	68.0		
11. wbd	*	500.0	524.0	.0	524.0	*	500.	270. AG	1099.	4.8	.0	44.0		
12. wbq	*	548.0	524.0	609.4	524.0	*	61.	90. AG	32.	100.0	.0	48.0	.60	3.1

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Rodeo - Existing 2008

DATE : 9/17/ 8
 TIME : 9:38: 0

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	22	3.0	1789	1600	5.13	3	3
6. sbq	*	60	22	3.0	2571	1600	5.13	3	3
9. ebq	*	60	35	3.0	1362	1600	5.13	3	3
12. wbq	*	60	35	3.0	1286	1600	5.13	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	430.0	558.0	5.4	*
2. ne	*	558.0	558.0	5.4	*
3. sw	*	430.0	442.0	5.4	*
4. se	*	558.0	442.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4
0.	.5	.4	.9	1.0
10.	1.1	.0	1.3	.4
20.	1.0	.0	1.3	.4
30.	.8	.0	1.1	.3
40.	.8	.0	1.1	.4
50.	.7	.0	.9	.5
60.	.7	.0	1.0	.5
70.	.6	.0	1.2	.6
80.	.6	.1	1.4	.6
90.	1.0	.3	.9	.2
100.	1.1	.7	.5	.0
110.	1.2	.7	.5	.0
120.	1.1	.6	.5	.0
130.	.9	.5	.6	.0
140.	1.0	.5	.6	.0
150.	1.1	.5	.7	.0
160.	1.4	.5	.9	.0
170.	1.3	.4	.8	.1
180.	.9	.8	.3	.4
190.	.3	1.3	.0	.9
200.	.4	1.3	.0	.9
210.	.5	1.1	.0	.7
220.	.4	1.1	.0	.6
230.	.4	.9	.0	.6
240.	.4	1.1	.0	.6
250.	.5	1.2	.0	.6
260.	.4	1.2	.1	.6
270.	.1	.9	.3	.9
280.	.0	.7	.6	1.1
290.	.0	.6	.7	1.0
300.	.0	.6	.6	1.0
310.	.0	.6	.5	1.0
320.	.0	.7	.4	1.1
330.	.0	.9	.4	1.1
340.	.0	1.0	.4	1.3
350.	.1	1.0	.5	1.4
360.	.5	.4	.9	1.0
MAX	1.4	1.3	1.4	1.4
DEGR.	160	190	80	350

THE HIGHEST CONCENTRATION OF 1.40 PPM OCCURRED AT RECEPTOR REC3 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Rodeo - No Build 2030

DATE : 9/17/ 8
 TIME : 9:45: 3

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. nba	*	524.0	.0	524.0	500.0	*	500.	360. AG	2161.	1.2	.0	68.0	
2. nbd	*	524.0	500.0	524.0	1000.0	*	500.	360. AG	2471.	1.2	.0	56.0	
3. nbq	*	524.0	452.0	524.0	387.0	*	65.	180. AG	22.	100.0	.0	48.0	.61 3.3
4. sba	*	470.0	1000.0	470.0	500.0	*	500.	180. AG	3017.	1.2	.0	80.0	
5. sbd	*	470.0	500.0	470.0	.0	*	500.	180. AG	2662.	1.2	.0	56.0	
6. sbq	*	470.0	548.0	470.0	620.5	*	73.	360. AG	27.	100.0	.0	60.0	.69 3.7
7. eba	*	.0	476.0	500.0	476.0	*	500.	90. AG	1697.	1.2	.0	68.0	
8. ebd	*	500.0	476.0	1000.0	476.0	*	500.	90. AG	1946.	1.2	.0	44.0	
9. ebq	*	440.0	476.0	347.4	476.0	*	93.	270. AG	34.	100.0	.0	48.0	.80 4.7
10. wba	*	1000.0	524.0	500.0	524.0	*	500.	270. AG	1571.	1.2	.0	68.0	
11. wbd	*	500.0	524.0	.0	524.0	*	500.	270. AG	1367.	1.2	.0	44.0	
12. wbq	*	548.0	524.0	626.8	524.0	*	79.	90. AG	34.	100.0	.0	48.0	.74 4.0

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Rodeo - No Build 2030

DATE : 9/17/ 8
 TIME : 9:45: 3

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	22	3.0	2161	1600	5.47	3	3
6. sbq	*	60	22	3.0	3017	1600	5.47	3	3
9. ebq	*	60	35	3.0	1697	1600	5.47	3	3
12. wbq	*	60	35	3.0	1571	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	430.0	558.0	5.4	*
2. ne	*	558.0	558.0	5.4	*
3. sw	*	430.0	442.0	5.4	*
4. se	*	558.0	442.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION REC1	CONCENTRATION REC2	CONCENTRATION REC3	CONCENTRATION REC4
0.	.2	.1	.3	.3
10.	.3	.0	.5	.2
20.	.3	.0	.3	.2
30.	.4	.0	.4	.2
40.	.3	.0	.3	.1
50.	.3	.0	.2	.1
60.	.3	.0	.4	.2
70.	.3	.0	.4	.2
80.	.3	.0	.4	.1
90.	.4	.1	.3	.1
100.	.6	.1	.1	.0
110.	.4	.3	.2	.0
120.	.3	.3	.2	.0
130.	.2	.3	.2	.0
140.	.3	.2	.2	.0
150.	.4	.2	.2	.0
160.	.3	.2	.3	.0
170.	.4	.2	.2	.0
180.	.2	.3	.1	.1
190.	.1	.5	.0	.3
200.	.1	.4	.0	.3
210.	.2	.4	.0	.3
220.	.2	.3	.0	.3
230.	.2	.2	.0	.3
240.	.2	.4	.0	.3
250.	.2	.4	.0	.3
260.	.1	.4	.0	.3
270.	.0	.3	.1	.4
280.	.0	.3	.2	.4
290.	.0	.3	.3	.4
300.	.0	.2	.2	.2
310.	.0	.2	.2	.3
320.	.0	.2	.2	.3
330.	.0	.2	.2	.4
340.	.0	.3	.2	.4
350.	.0	.3	.2	.5
360.	.2	.1	.3	.3
MAX	.6	.5	.5	.5
DEGR.	100	190	10	350

THE HIGHEST CONCENTRATION OF .60 PPM OCCURRED AT RECEPTOR REC1 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Rodeo - BRT 2030

DATE : 9/17/ 8
 TIME : 9:52:40

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. nba	*	524.0	.0	524.0	500.0	*	500.	360. AG	2099.	1.2	.0	68.0	
2. nbd	*	524.0	500.0	524.0	1000.0	*	500.	360. AG	2387.	1.2	.0	56.0	
3. nbq	*	524.0	452.0	524.0	389.0	*	63.	180. AG	22.	100.0	.0	48.0	.60 3.2
4. sba	*	470.0	1000.0	470.0	500.0	*	500.	180. AG	2932.	1.2	.0	80.0	
5. sbd	*	470.0	500.0	470.0	.0	*	500.	180. AG	2565.	1.2	.0	56.0	
6. sbq	*	470.0	548.0	470.0	618.5	*	70.	360. AG	27.	100.0	.0	60.0	.67 3.6
7. eba	*	.0	476.0	500.0	476.0	*	500.	90. AG	1686.	1.2	.0	68.0	
8. ebd	*	500.0	476.0	1000.0	476.0	*	500.	90. AG	1948.	1.2	.0	44.0	
9. ebq	*	440.0	476.0	348.8	476.0	*	91.	270. AG	34.	100.0	.0	48.0	.79 4.6
10. wba	*	1000.0	524.0	500.0	524.0	*	500.	270. AG	1557.	1.2	.0	68.0	
11. wbd	*	500.0	524.0	.0	524.0	*	500.	270. AG	1374.	1.2	.0	44.0	
12. wbq	*	548.0	524.0	625.7	524.0	*	78.	90. AG	34.	100.0	.0	48.0	.73 3.9

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Rodeo - BRT 2030

DATE : 9/17/ 8
 TIME : 9:52:40

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	22	3.0	2099	1600	5.47	3	3
6. sbq	*	60	22	3.0	2932	1600	5.47	3	3
9. ebq	*	60	35	3.0	1686	1600	5.47	3	3
12. wbq	*	60	35	3.0	1557	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	430.0	558.0	5.4	*
2. ne	*	558.0	558.0	5.4	*
3. sw	*	430.0	442.0	5.4	*
4. se	*	558.0	442.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION REC1	CONCENTRATION REC2	CONCENTRATION REC3	CONCENTRATION REC4
0.	.2	.1	.3	.3
10.	.2	.0	.5	.2
20.	.3	.0	.3	.2
30.	.3	.0	.4	.2
40.	.3	.0	.3	.1
50.	.3	.0	.2	.1
60.	.3	.0	.4	.2
70.	.3	.0	.4	.2
80.	.3	.0	.3	.1
90.	.4	.1	.2	.1
100.	.6	.1	.1	.0
110.	.4	.3	.2	.0
120.	.3	.3	.2	.0
130.	.2	.3	.2	.0
140.	.3	.3	.2	.0
150.	.4	.2	.2	.0
160.	.3	.2	.3	.0
170.	.4	.2	.2	.0
180.	.2	.3	.1	.1
190.	.1	.5	.0	.3
200.	.1	.4	.0	.2
210.	.2	.3	.0	.3
220.	.2	.3	.0	.3
230.	.2	.2	.0	.3
240.	.2	.4	.0	.3
250.	.2	.4	.0	.3
260.	.1	.4	.0	.3
270.	.0	.3	.1	.4
280.	.0	.3	.2	.4
290.	.0	.3	.3	.4
300.	.0	.2	.2	.2
310.	.0	.2	.2	.3
320.	.0	.2	.2	.3
330.	.0	.2	.2	.4
340.	.0	.3	.2	.4
350.	.0	.3	.2	.5
360.	.2	.1	.3	.3
MAX	.6	.5	.5	.5
DEGR.	100	190	10	350

THE HIGHEST CONCENTRATION OF .60 PPM OCCURRED AT RECEPTOR REC1 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Rodeo - TSM 2030

DATE : 9/17/ 8
 TIME : 9:56:39

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. nba	*	524.0	.0	524.0	500.0	*	500.	360. AG	2154.	1.2	.0	68.0	
2. nbd	*	524.0	500.0	524.0	1000.0	*	500.	360. AG	2461.	1.2	.0	56.0	
3. nbq	*	524.0	452.0	524.0	387.3	*	65.	180. AG	22.	100.0	.0	48.0	.61 3.3
4. sba	*	470.0	1000.0	470.0	500.0	*	500.	180. AG	3008.	1.2	.0	80.0	
5. sbd	*	470.0	500.0	470.0	.0	*	500.	180. AG	2653.	1.2	.0	56.0	
6. sbq	*	470.0	548.0	470.0	620.3	*	72.	360. AG	27.	100.0	.0	60.0	.68 3.7
7. eba	*	.0	476.0	500.0	476.0	*	500.	90. AG	1694.	1.2	.0	68.0	
8. ebd	*	500.0	476.0	1000.0	476.0	*	500.	90. AG	1943.	1.2	.0	44.0	
9. ebq	*	440.0	476.0	347.9	476.0	*	92.	270. AG	34.	100.0	.0	48.0	.79 4.7
10. wba	*	1000.0	524.0	500.0	524.0	*	500.	270. AG	1568.	1.2	.0	68.0	
11. wbd	*	500.0	524.0	.0	524.0	*	500.	270. AG	1367.	1.2	.0	44.0	
12. wbq	*	548.0	524.0	626.8	524.0	*	79.	90. AG	34.	100.0	.0	48.0	.74 4.0

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Rodeo - TSM 2030

DATE : 9/17/ 8
 TIME : 9:56:39

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	22	3.0	2154	1600	5.47	3	3
6. sbq	*	60	22	3.0	3008	1600	5.47	3	3
9. ebq	*	60	35	3.0	1694	1600	5.47	3	3
12. wbq	*	60	35	3.0	1568	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	430.0	558.0	5.4	*
2. ne	*	558.0	558.0	5.4	*
3. sw	*	430.0	442.0	5.4	*
4. se	*	558.0	442.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION REC1	CONCENTRATION REC2	CONCENTRATION REC3	CONCENTRATION REC4
0.	.2	.1	.3	.3
10.	.2	.0	.5	.2
20.	.3	.0	.3	.2
30.	.4	.0	.4	.2
40.	.3	.0	.3	.1
50.	.3	.0	.2	.1
60.	.3	.0	.4	.2
70.	.3	.0	.4	.2
80.	.3	.0	.3	.1
90.	.4	.1	.3	.1
100.	.6	.1	.1	.0
110.	.4	.3	.2	.0
120.	.3	.3	.2	.0
130.	.2	.3	.2	.0
140.	.3	.2	.2	.0
150.	.4	.2	.2	.0
160.	.3	.2	.3	.0
170.	.4	.2	.2	.0
180.	.2	.3	.1	.1
190.	.1	.5	.0	.3
200.	.1	.4	.0	.3
210.	.2	.4	.0	.3
220.	.2	.3	.0	.3
230.	.2	.2	.0	.3
240.	.2	.4	.0	.3
250.	.2	.4	.0	.3
260.	.1	.4	.0	.3
270.	.0	.3	.1	.4
280.	.0	.3	.2	.4
290.	.0	.3	.3	.4
300.	.0	.2	.2	.2
310.	.0	.2	.2	.3
320.	.0	.2	.2	.3
330.	.0	.2	.2	.4
340.	.0	.3	.2	.4
350.	.0	.3	.2	.5
360.	.2	.1	.3	.3
MAX	.6	.5	.5	.5
DEGR.	100	190	10	350

THE HIGHEST CONCENTRATION OF .60 PPM OCCURRED AT RECEPTOR REC1 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Rodeo - LRT 2030

DATE : 9/17/ 8
 TIME : 11:30:49

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. nba	*	524.0	.0	524.0	500.0	*	500.	360. AG	2157.	1.2	.0	68.0	
2. nbd	*	524.0	500.0	524.0	1000.0	*	500.	360. AG	2465.	1.2	.0	56.0	
3. nbq	*	524.0	452.0	524.0	387.2	*	65.	180. AG	22.	100.0	.0	48.0	.61 3.3
4. sba	*	470.0	1000.0	470.0	500.0	*	500.	180. AG	3002.	1.2	.0	80.0	
5. sbd	*	470.0	500.0	470.0	.0	*	500.	180. AG	2648.	1.2	.0	56.0	
6. sbq	*	470.0	548.0	470.0	620.2	*	72.	360. AG	27.	100.0	.0	60.0	.68 3.7
7. eba	*	.0	476.0	500.0	476.0	*	500.	90. AG	1691.	1.2	.0	68.0	
8. ebd	*	500.0	476.0	1000.0	476.0	*	500.	90. AG	1939.	1.2	.0	44.0	
9. ebq	*	440.0	476.0	348.3	476.0	*	92.	270. AG	34.	100.0	.0	48.0	.79 4.7
10. wba	*	1000.0	524.0	500.0	524.0	*	500.	270. AG	1570.	1.2	.0	68.0	
11. wbd	*	500.0	524.0	.0	524.0	*	500.	270. AG	1368.	1.2	.0	44.0	
12. wbq	*	548.0	524.0	626.8	524.0	*	79.	90. AG	34.	100.0	.0	48.0	.74 4.0

PAGE 2

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Rodeo - LRT 2030

DATE : 9/17/ 8
 TIME : 11:30:49

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	22	3.0	2157	1600	5.47	3	3
6. sbq	*	60	22	3.0	3002	1600	5.47	3	3
9. ebq	*	60	35	3.0	1691	1600	5.47	3	3
12. wbq	*	60	35	3.0	1570	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	430.0	558.0	5.4	*
2. ne	*	558.0	558.0	5.4	*
3. sw	*	430.0	442.0	5.4	*
4. se	*	558.0	442.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION REC1	CONCENTRATION REC2	CONCENTRATION REC3	CONCENTRATION REC4
0.	.2	.1	.3	.3
10.	.2	.0	.5	.2
20.	.3	.0	.3	.2
30.	.4	.0	.4	.2
40.	.3	.0	.3	.1
50.	.3	.0	.2	.1
60.	.3	.0	.4	.2
70.	.3	.0	.4	.2
80.	.3	.0	.4	.1
90.	.4	.1	.3	.1
100.	.6	.1	.1	.0
110.	.4	.3	.2	.0
120.	.3	.3	.2	.0
130.	.2	.3	.2	.0
140.	.3	.2	.2	.0
150.	.4	.2	.2	.0
160.	.3	.2	.3	.0
170.	.4	.2	.2	.0
180.	.2	.3	.1	.1
190.	.1	.5	.0	.3
200.	.1	.4	.0	.3
210.	.2	.4	.0	.3
220.	.2	.3	.0	.3
230.	.2	.2	.0	.3
240.	.2	.4	.0	.3
250.	.2	.4	.0	.3
260.	.1	.4	.0	.3
270.	.0	.3	.1	.4
280.	.0	.3	.2	.4
290.	.0	.3	.3	.4
300.	.0	.2	.2	.2
310.	.0	.2	.2	.3
320.	.0	.2	.2	.3
330.	.0	.2	.2	.4
340.	.0	.3	.2	.4
350.	.0	.3	.2	.5
360.	.2	.1	.3	.3
MAX	.6	.5	.5	.5
DEGR.	100	190	10	350

THE HIGHEST CONCENTRATION OF .60 PPM OCCURRED AT RECEPTOR REC1 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L

RUN: La Brea/Slauson - Existing 2008

DATE : 9/17/ 8
 TIME : 10:34:15

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. nba	*	524.0	.0	524.0	500.0	*	500.	360. AG	1269.	4.8	.0	68.0	
2. nbd	*	524.0	500.0	524.0	1000.0	*	500.	360. AG	1271.	4.8	.0	56.0	
3. nbq	*	524.0	452.0	524.0	398.3	*	54.	180. AG	28.	100.0	.0	48.0	.50 2.7
4. sba	*	476.0	1000.0	476.0	500.0	*	500.	180. AG	1320.	4.8	.0	68.0	
5. sbd	*	476.0	500.0	476.0	.0	*	500.	180. AG	1264.	4.8	.0	44.0	
6. sbq	*	476.0	548.0	476.0	603.9	*	56.	360. AG	28.	100.0	.0	48.0	.52 2.8
7. eba	*	.0	476.0	500.0	476.0	*	500.	90. AG	1883.	4.8	.0	68.0	
8. ebd	*	500.0	476.0	1000.0	476.0	*	500.	90. AG	1771.	4.8	.0	56.0	
9. ebq	*	452.0	476.0	385.2	476.0	*	67.	270. AG	24.	100.0	.0	48.0	.61 3.4
10. wba	*	1000.0	524.0	500.0	524.0	*	500.	270. AG	1170.	4.8	.0	68.0	
11. wbd	*	500.0	524.0	.0	524.0	*	500.	270. AG	1336.	4.8	.0	56.0	
12. wbq	*	548.0	524.0	589.5	524.0	*	42.	90. AG	24.	100.0	.0	48.0	.38 2.1

JOB: D:\00Projects\Crenshaw Prairie Transit\L

RUN: La Brea/Slauson - Existing 2008

DATE : 9/17/ 8
 TIME : 10:34:15

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	31	3.0	1269	1600	5.13	3	3
6. sbq	*	60	31	3.0	1320	1600	5.13	3	3
9. ebq	*	60	26	3.0	1883	1600	5.13	3	3
12. wbq	*	60	26	3.0	1170	1600	5.13	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	442.0	558.0	5.4	*
2. ne	*	558.0	558.0	5.4	*
3. sw	*	442.0	442.0	5.4	*
4. se	*	558.0	442.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4
0.	.3	.2	.8	.7
10.	.6	.0	1.1	.3
20.	.6	.0	.9	.3
30.	.6	.0	.9	.4
40.	.5	.0	.9	.4
50.	.4	.0	.9	.4
60.	.4	.0	.9	.6
70.	.4	.0	1.0	.7
80.	.4	.1	1.2	.7
90.	.6	.3	.7	.3
100.	1.0	.6	.4	.0
110.	.9	.6	.4	.0
120.	.9	.6	.3	.0
130.	.9	.4	.3	.0
140.	.7	.5	.4	.0
150.	1.0	.5	.5	.0
160.	1.0	.5	.5	.0
170.	1.1	.5	.5	.1
180.	.7	.8	.2	.3
190.	.4	1.2	.0	.6
200.	.5	.9	.0	.6
210.	.4	.9	.0	.6
220.	.4	.8	.0	.5
230.	.4	.9	.0	.4
240.	.6	.9	.0	.4
250.	.7	.9	.0	.4
260.	.7	1.1	.1	.4
270.	.2	.7	.5	.8
280.	.0	.4	.8	1.3
290.	.0	.4	.7	1.0
300.	.0	.4	.7	.9
310.	.0	.4	.7	.9
320.	.0	.4	.5	.9
330.	.0	.5	.5	.9
340.	.0	.6	.5	.8
350.	.1	.5	.5	1.0
360.	.3	.2	.8	.7
MAX	1.1	1.2	1.2	1.3
DEGR.	170	190	80	280

THE HIGHEST CONCENTRATION OF 1.30 PPM OCCURRED AT RECEPTOR REC4 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L

RUN: La Brea/Slauson - No Build 2030

DATE : 9/17/ 8
 TIME : 10:36:52

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. nba	*	524.0	.0	524.0	500.0	*	500.	360. AG	1539.	1.2	.0	68.0	
2. nbd	*	524.0	500.0	524.0	1000.0	*	500.	360. AG	1529.	1.2	.0	56.0	
3. nbq	*	524.0	452.0	524.0	386.9	*	65.	180. AG	30.	100.0	.0	48.0	.60 3.3
4. sba	*	476.0	1000.0	476.0	500.0	*	500.	180. AG	1551.	1.2	.0	68.0	
5. sbd	*	476.0	500.0	476.0	.0	*	500.	180. AG	1457.	1.2	.0	44.0	
6. sbq	*	476.0	548.0	476.0	613.6	*	66.	360. AG	30.	100.0	.0	48.0	.61 3.3
7. eba	*	.0	476.0	500.0	476.0	*	500.	90. AG	2350.	1.2	.0	68.0	
8. ebd	*	500.0	476.0	1000.0	476.0	*	500.	90. AG	2231.	1.2	.0	56.0	
9. ebq	*	452.0	476.0	366.1	476.0	*	86.	270. AG	25.	100.0	.0	48.0	.76 4.4
10. wba	*	1000.0	524.0	500.0	524.0	*	500.	270. AG	1440.	1.2	.0	68.0	
11. wbd	*	500.0	524.0	.0	524.0	*	500.	270. AG	1663.	1.2	.0	56.0	
12. wbq	*	548.0	524.0	599.2	524.0	*	51.	90. AG	25.	100.0	.0	48.0	.47 2.6

JOB: D:\00Projects\Crenshaw Prairie Transit\L

RUN: La Brea/Slauson - No Build 2030

DATE : 9/17/ 8
 TIME : 10:36:52

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	31	3.0	1539	1600	5.47	3	3
6. sbq	*	60	31	3.0	1551	1600	5.47	3	3
9. ebq	*	60	26	3.0	2350	1600	5.47	3	3
12. wbq	*	60	26	3.0	1440	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	442.0	558.0	5.4	*
2. ne	*	558.0	558.0	5.4	*
3. sw	*	442.0	442.0	5.4	*
4. se	*	558.0	442.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4
0.	.1	.1	.3	.2
10.	.1	.0	.5	.2
20.	.3	.0	.3	.1
30.	.3	.0	.2	.1
40.	.2	.0	.2	.1
50.	.2	.0	.2	.1
60.	.2	.0	.4	.2
70.	.2	.0	.3	.3
80.	.2	.0	.4	.2
90.	.3	.1	.3	.1
100.	.4	.2	.1	.0
110.	.3	.2	.1	.0
120.	.3	.2	.1	.0
130.	.3	.3	.1	.0
140.	.2	.3	.1	.0
150.	.2	.3	.2	.0
160.	.4	.3	.2	.0
170.	.4	.2	.1	.0
180.	.3	.4	.0	.1
190.	.3	.5	.0	.1
200.	.3	.4	.0	.3
210.	.3	.1	.0	.2
220.	.2	.2	.0	.2
230.	.2	.3	.0	.2
240.	.2	.2	.0	.2
250.	.2	.3	.0	.2
260.	.2	.3	.0	.2
270.	.1	.3	.1	.3
280.	.0	.2	.2	.6
290.	.0	.2	.4	.4
300.	.0	.1	.3	.4
310.	.0	.1	.3	.2
320.	.0	.1	.2	.2
330.	.0	.2	.2	.2
340.	.0	.2	.2	.3
350.	.0	.1	.2	.3
360.	.1	.1	.3	.2
MAX	.4	.5	.5	.6
DEGR.	100	190	10	280

THE HIGHEST CONCENTRATION OF .60 PPM OCCURRED AT RECEPTOR REC4 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Slauson - BRT 2030

DATE : 9/17/ 8
 TIME : 10:39: 2

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	*	524.0	.0	524.0	500.0	*	500.	360. AG	1500.	1.2	.0	68.0		
2. nbd	*	524.0	500.0	524.0	1000.0	*	500.	360. AG	1476.	1.2	.0	56.0		
3. nbq	*	524.0	452.0	524.0	386.4	*	66.	180. AG	31.	100.0	.0	48.0	.61	3.3
4. sba	*	476.0	1000.0	476.0	500.0	*	500.	180. AG	1509.	1.2	.0	68.0		
5. sbd	*	476.0	500.0	476.0	.0	*	500.	180. AG	1403.	1.2	.0	44.0		
6. sbq	*	476.0	548.0	476.0	614.0	*	66.	360. AG	31.	100.0	.0	48.0	.62	3.4
7. eba	*	.0	476.0	500.0	476.0	*	500.	90. AG	2338.	1.2	.0	68.0		
8. ebd	*	500.0	476.0	1000.0	476.0	*	500.	90. AG	2234.	1.2	.0	56.0		
9. ebq	*	452.0	476.0	372.2	476.0	*	80.	270. AG	24.	100.0	.0	48.0	.73	4.1
10. wba	*	1000.0	524.0	500.0	524.0	*	500.	270. AG	1436.	1.2	.0	68.0		
11. wbd	*	500.0	524.0	.0	524.0	*	500.	270. AG	1670.	1.2	.0	56.0		
12. wbq	*	548.0	524.0	597.1	524.0	*	49.	90. AG	24.	100.0	.0	48.0	.45	2.5

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Slauson - BRT 2030

DATE : 9/17/ 8
 TIME : 10:39: 2

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	32	3.0	1500	1600	5.47	3	3
6. sbq	*	60	32	3.0	1509	1600	5.47	3	3
9. ebq	*	60	25	3.0	2338	1600	5.47	3	3
12. wbq	*	60	25	3.0	1436	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	442.0	558.0	5.4	*
2. ne	*	558.0	558.0	5.4	*
3. sw	*	442.0	442.0	5.4	*
4. se	*	558.0	442.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION REC1	CONCENTRATION REC2	CONCENTRATION REC3	CONCENTRATION REC4
0.	.1	.1	.3	.2
10.	.1	.0	.5	.1
20.	.3	.0	.3	.1
30.	.3	.0	.2	.1
40.	.2	.0	.2	.1
50.	.2	.0	.2	.1
60.	.2	.0	.4	.2
70.	.2	.0	.3	.3
80.	.2	.0	.4	.2
90.	.3	.1	.2	.1
100.	.4	.2	.1	.0
110.	.3	.2	.1	.0
120.	.3	.2	.2	.0
130.	.3	.3	.1	.0
140.	.2	.3	.1	.0
150.	.2	.3	.2	.0
160.	.4	.3	.2	.0
170.	.4	.2	.1	.0
180.	.3	.4	.0	.1
190.	.2	.4	.0	.1
200.	.3	.4	.0	.3
210.	.3	.1	.0	.2
220.	.2	.2	.0	.2
230.	.2	.3	.0	.2
240.	.2	.2	.0	.2
250.	.2	.3	.0	.2
260.	.2	.3	.0	.2
270.	.1	.3	.1	.3
280.	.0	.2	.2	.5
290.	.0	.2	.4	.4
300.	.0	.2	.3	.4
310.	.0	.1	.3	.2
320.	.0	.1	.2	.2
330.	.0	.2	.2	.2
340.	.0	.2	.2	.3
350.	.0	.1	.2	.3
360.	.1	.1	.3	.2
MAX	.4	.4	.5	.5
DEGR.	100	180	10	280

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC3 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Slauson - TSM 2030

DATE : 9/17/ 8
 TIME : 10:40:45

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. nba	*	524.0	.0	524.0	500.0	*	500.	360. AG	1534.	1.2	.0	68.0	
2. nbd	*	524.0	500.0	524.0	1000.0	*	500.	360. AG	1522.	1.2	.0	56.0	
3. nbq	*	524.0	452.0	524.0	387.1	*	65.	180. AG	30.	100.0	.0	48.0	.60 3.3
4. sba	*	476.0	1000.0	476.0	500.0	*	500.	180. AG	1546.	1.2	.0	68.0	
5. sbd	*	476.0	500.0	476.0	.0	*	500.	180. AG	1451.	1.2	.0	44.0	
6. sbq	*	476.0	548.0	476.0	613.4	*	65.	360. AG	30.	100.0	.0	48.0	.60 3.3
7. eba	*	.0	476.0	500.0	476.0	*	500.	90. AG	2346.	1.2	.0	68.0	
8. ebd	*	500.0	476.0	1000.0	476.0	*	500.	90. AG	2229.	1.2	.0	56.0	
9. ebq	*	452.0	476.0	366.4	476.0	*	86.	270. AG	25.	100.0	.0	48.0	.76 4.3
10. wba	*	1000.0	524.0	500.0	524.0	*	500.	270. AG	1437.	1.2	.0	68.0	
11. wbd	*	500.0	524.0	.0	524.0	*	500.	270. AG	1661.	1.2	.0	56.0	
12. wbq	*	548.0	524.0	599.0	524.0	*	51.	90. AG	25.	100.0	.0	48.0	.46 2.6

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Slauson - TSM 2030

DATE : 9/17/ 8
 TIME : 10:40:45

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	31	3.0	1534	1600	5.47	3	3
6. sbq	*	60	31	3.0	1546	1600	5.47	3	3
9. ebq	*	60	26	3.0	2346	1600	5.47	3	3
12. wbq	*	60	26	3.0	1437	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	442.0	558.0	5.4	*
2. ne	*	558.0	558.0	5.4	*
3. sw	*	442.0	442.0	5.4	*
4. se	*	558.0	442.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION REC1	CONCENTRATION REC2	CONCENTRATION REC3	CONCENTRATION REC4
0.	.1	.1	.3	.2
10.	.1	.0	.5	.2
20.	.3	.0	.3	.1
30.	.3	.0	.2	.1
40.	.2	.0	.2	.1
50.	.2	.0	.2	.1
60.	.2	.0	.4	.2
70.	.2	.0	.3	.3
80.	.2	.0	.4	.2
90.	.3	.1	.3	.1
100.	.4	.2	.1	.0
110.	.3	.2	.1	.0
120.	.3	.2	.1	.0
130.	.3	.3	.1	.0
140.	.2	.3	.1	.0
150.	.2	.3	.2	.0
160.	.4	.3	.2	.0
170.	.4	.2	.1	.0
180.	.3	.4	.0	.1
190.	.3	.5	.0	.1
200.	.3	.4	.0	.3
210.	.3	.1	.0	.2
220.	.2	.2	.0	.2
230.	.2	.3	.0	.2
240.	.2	.2	.0	.2
250.	.2	.3	.0	.2
260.	.2	.3	.0	.2
270.	.1	.3	.1	.3
280.	.0	.2	.2	.6
290.	.0	.2	.4	.4
300.	.0	.1	.3	.4
310.	.0	.1	.3	.2
320.	.0	.1	.2	.2
330.	.0	.2	.2	.2
340.	.0	.2	.2	.3
350.	.0	.1	.2	.3
360.	.1	.1	.3	.2
MAX	.4	.5	.5	.6
DEGR.	100	190	10	280

THE HIGHEST CONCENTRATION OF .60 PPM OCCURRED AT RECEPTOR REC4 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Slauson - LRT 2030

DATE : 9/17/ 8
 TIME : 11:33:45

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. nba	*	524.0	.0	524.0	500.0	*	500.	360. AG	1583.	1.2	.0	68.0	
2. nbd	*	524.0	500.0	524.0	1000.0	*	500.	360. AG	1572.	1.2	.0	56.0	
3. nbq	*	524.0	452.0	524.0	385.0	*	67.	180. AG	30.	100.0	.0	48.0	.62 3.4
4. sba	*	476.0	1000.0	476.0	500.0	*	500.	180. AG	1545.	1.2	.0	68.0	
5. sbd	*	476.0	500.0	476.0	.0	*	500.	180. AG	1449.	1.2	.0	44.0	
6. sbq	*	476.0	548.0	476.0	613.4	*	65.	360. AG	30.	100.0	.0	48.0	.60 3.3
7. eba	*	.0	476.0	500.0	476.0	*	500.	90. AG	2341.	1.2	.0	68.0	
8. ebd	*	500.0	476.0	1000.0	476.0	*	500.	90. AG	2224.	1.2	.0	56.0	
9. ebq	*	452.0	476.0	366.8	476.0	*	85.	270. AG	25.	100.0	.0	48.0	.76 4.3
10. wba	*	1000.0	524.0	500.0	524.0	*	500.	270. AG	1439.	1.2	.0	68.0	
11. wbd	*	500.0	524.0	.0	524.0	*	500.	270. AG	1663.	1.2	.0	56.0	
12. wbq	*	548.0	524.0	599.0	524.0	*	51.	90. AG	25.	100.0	.0	48.0	.46 2.6

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: La Brea/Slauson - LRT 2030

DATE : 9/17/ 8
 TIME : 11:33:45

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	31	3.0	1583	1600	5.47	3	3
6. sbq	*	60	31	3.0	1545	1600	5.47	3	3
9. ebq	*	60	26	3.0	2341	1600	5.47	3	3
12. wbq	*	60	26	3.0	1439	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	442.0	558.0	5.4	*
2. ne	*	558.0	558.0	5.4	*
3. sw	*	442.0	442.0	5.4	*
4. se	*	558.0	442.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION REC1	CONCENTRATION REC2	CONCENTRATION REC3	CONCENTRATION REC4
0.	.1	.1	.3	.2
10.	.1	.0	.5	.2
20.	.3	.0	.3	.1
30.	.3	.0	.2	.1
40.	.2	.0	.2	.1
50.	.2	.0	.2	.1
60.	.2	.0	.4	.2
70.	.2	.0	.3	.3
80.	.2	.0	.4	.2
90.	.3	.1	.3	.1
100.	.4	.2	.1	.0
110.	.3	.2	.1	.0
120.	.3	.2	.2	.0
130.	.3	.3	.1	.0
140.	.2	.3	.1	.0
150.	.2	.3	.2	.0
160.	.4	.3	.2	.0
170.	.4	.2	.1	.0
180.	.3	.4	.0	.1
190.	.3	.5	.0	.1
200.	.3	.4	.0	.3
210.	.3	.1	.0	.2
220.	.2	.2	.0	.2
230.	.2	.3	.0	.2
240.	.2	.2	.0	.2
250.	.2	.3	.0	.2
260.	.2	.3	.0	.2
270.	.1	.3	.1	.3
280.	.0	.2	.2	.6
290.	.0	.2	.4	.4
300.	.0	.1	.3	.4
310.	.0	.1	.3	.2
320.	.0	.1	.2	.2
330.	.0	.2	.2	.2
340.	.0	.2	.2	.3
350.	.0	.1	.2	.3
360.	.1	.1	.3	.2
MAX	.4	.5	.5	.6
DEGR.	100	190	10	280

THE HIGHEST CONCENTRATION OF .60 PPM OCCURRED AT RECEPTOR REC4 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L

RUN: Wilton/Wilshire - Existing 2008

DATE : 9/17/ 8
 TIME : 10:48: 7

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. nba	*	518.0	.0	518.0	500.0	*	500.	360. AG	904.	4.8	.0	56.0	
2. nbd	*	518.0	500.0	518.0	1000.0	*	500.	360. AG	961.	4.8	.0	44.0	
3. nbq	*	518.0	452.0	518.0	397.7	*	54.	180. AG	23.	100.0	.0	36.0	.51 2.8
4. sba	*	482.0	1000.0	482.0	500.0	*	500.	180. AG	1324.	4.8	.0	56.0	
5. sbd	*	482.0	500.0	482.0	.0	*	500.	180. AG	1390.	4.8	.0	44.0	
6. sbq	*	482.0	548.0	482.0	632.3	*	84.	360. AG	23.	100.0	.0	36.0	.75 4.3
7. eba	*	.0	476.0	500.0	476.0	*	500.	90. AG	1841.	4.8	.0	68.0	
8. ebd	*	500.0	476.0	1000.0	476.0	*	500.	90. AG	1698.	4.8	.0	56.0	
9. ebq	*	464.0	476.0	403.6	476.0	*	60.	270. AG	22.	100.0	.0	48.0	.56 3.1
10. wba	*	1000.0	524.0	500.0	524.0	*	500.	270. AG	1334.	4.8	.0	68.0	
11. wbd	*	500.0	524.0	.0	524.0	*	500.	270. AG	1354.	4.8	.0	56.0	
12. wbq	*	536.0	524.0	579.7	524.0	*	44.	90. AG	22.	100.0	.0	48.0	.40 2.2

JOB: D:\00Projects\Crenshaw Prairie Transit\L

RUN: Wilton/Wilshire - Existing 2008

DATE : 9/17/ 8
 TIME : 10:48: 7

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	33	3.0	904	1600	5.13	3	3
6. sbq	*	60	33	3.0	1324	1600	5.13	3	3
9. ebq	*	60	24	3.0	1841	1600	5.13	3	3
12. wbq	*	60	24	3.0	1334	1600	5.13	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	454.0	558.0	5.4	*
2. ne	*	546.0	558.0	5.4	*
3. sw	*	454.0	442.0	5.4	*
4. se	*	546.0	442.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	REC1	REC2	REC3	REC4
0.	.4	.2	.8	.7
10.	.7	.0	1.2	.3
20.	.7	.0	1.0	.3
30.	.5	.0	.9	.5
40.	.5	.0	.8	.5
50.	.4	.0	.8	.5
60.	.4	.0	.9	.6
70.	.4	.0	1.1	.7
80.	.4	.1	1.2	.8
90.	.7	.3	.7	.3
100.	1.1	.7	.3	.0
110.	1.0	.7	.4	.0
120.	.8	.5	.3	.0
130.	.8	.5	.3	.0
140.	.7	.5	.4	.0
150.	.8	.5	.4	.0
160.	1.0	.5	.6	.0
170.	1.3	.5	.6	.1
180.	.8	.8	.3	.3
190.	.4	1.1	.0	.6
200.	.4	1.0	.0	.6
210.	.4	.9	.0	.5
220.	.4	.8	.0	.5
230.	.4	.9	.0	.5
240.	.6	.9	.0	.4
250.	.7	.9	.0	.4
260.	.7	1.0	.1	.4
270.	.2	.6	.5	.8
280.	.0	.2	.8	1.2
290.	.0	.4	.7	1.0
300.	.0	.5	.6	.9
310.	.0	.4	.6	.9
320.	.0	.4	.5	.7
330.	.0	.4	.5	.9
340.	.0	.6	.5	.9
350.	.1	.6	.5	1.0
360.	.4	.2	.8	.7
MAX	1.3	1.1	1.2	1.2
DEGR.	170	190	10	280

THE HIGHEST CONCENTRATION OF 1.30 PPM OCCURRED AT RECEPTOR REC1 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L

RUN: Wilton/Wilshire - No Build 2030

DATE : 9/17/ 8
 TIME : 10:50:45

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. nba	*	518.0	.0	518.0	500.0	*	500.	360. AG	1063.	1.2	.0	56.0	
2. nbd	*	518.0	500.0	518.0	1000.0	*	500.	360. AG	1104.	1.2	.0	44.0	
3. nbq	*	518.0	452.0	518.0	386.2	*	66.	180. AG	25.	100.0	.0	36.0	.63 3.3
4. sba	*	482.0	1000.0	482.0	500.0	*	500.	180. AG	1637.	1.2	.0	56.0	
5. sbd	*	482.0	500.0	482.0	.0	*	500.	180. AG	1700.	1.2	.0	44.0	
6. sbq	*	482.0	548.0	482.0	739.4	*	191.	360. AG	25.	100.0	.0	36.0	.97 9.7
7. eba	*	.0	476.0	500.0	476.0	*	500.	90. AG	2317.	1.2	.0	68.0	
8. ebd	*	500.0	476.0	1000.0	476.0	*	500.	90. AG	2156.	1.2	.0	56.0	
9. ebq	*	464.0	476.0	391.2	476.0	*	73.	270. AG	22.	100.0	.0	48.0	.68 3.7
10. wba	*	1000.0	524.0	500.0	524.0	*	500.	270. AG	1817.	1.2	.0	68.0	
11. wbd	*	500.0	524.0	.0	524.0	*	500.	270. AG	1874.	1.2	.0	56.0	
12. wbq	*	536.0	524.0	593.1	524.0	*	57.	90. AG	22.	100.0	.0	48.0	.53 2.9

JOB: D:\00Projects\Crenshaw Prairie Transit\L

RUN: Wilton/Wilshire - No Build 2030

DATE : 9/17/ 8
 TIME : 10:50:45

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	34	3.0	1063	1600	5.47	3	3
6. sbq	*	60	34	3.0	1637	1600	5.47	3	3
9. ebq	*	60	23	3.0	2317	1600	5.47	3	3
12. wbq	*	60	23	3.0	1817	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	454.0	558.0	5.4	*
2. ne	*	546.0	558.0	5.4	*
3. sw	*	454.0	442.0	5.4	*
4. se	*	546.0	442.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION REC1	CONCENTRATION REC2	CONCENTRATION REC3	CONCENTRATION REC4
0.	.1	.1	.4	.2
10.	.3	.0	.5	.1
20.	.3	.0	.4	.1
30.	.2	.0	.2	.2
40.	.2	.0	.2	.2
50.	.2	.0	.3	.2
60.	.2	.0	.4	.2
70.	.2	.0	.4	.3
80.	.2	.0	.5	.3
90.	.3	.1	.2	.1
100.	.4	.3	.2	.0
110.	.3	.2	.2	.0
120.	.3	.2	.2	.0
130.	.3	.3	.1	.0
140.	.2	.3	.1	.0
150.	.2	.3	.1	.0
160.	.5	.3	.2	.0
170.	.5	.3	.2	.0
180.	.3	.4	.1	.1
190.	.2	.5	.0	.2
200.	.2	.2	.0	.3
210.	.2	.2	.0	.3
220.	.2	.2	.0	.3
230.	.2	.2	.0	.1
240.	.2	.2	.0	.2
250.	.2	.2	.0	.1
260.	.3	.2	.0	.1
270.	.1	.1	.1	.2
280.	.0	.1	.3	.4
290.	.0	.1	.3	.2
300.	.0	.2	.3	.3
310.	.0	.2	.3	.2
320.	.0	.3	.2	.1
330.	.0	.3	.3	.2
340.	.0	.3	.2	.3
350.	.0	.2	.2	.3
360.	.1	.1	.4	.2
MAX	.5	.5	.5	.4
DEGR.	160	190	10	280

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC3 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: Wilton/Wilshire - BRT 2030

DATE : 9/17/ 8
 TIME : 10:52:31

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	*	518.0	.0	518.0	500.0	*	500.	360. AG	1041.	1.2	.0	56.0		
2. nbd	*	518.0	500.0	518.0	1000.0	*	500.	360. AG	1082.	1.2	.0	44.0		
3. nbq	*	518.0	452.0	518.0	387.5	*	65.	180. AG	25.	100.0	.0	36.0	.62	3.3
4. sba	*	482.0	1000.0	482.0	500.0	*	500.	180. AG	1605.	1.2	.0	56.0		
5. sbd	*	482.0	500.0	482.0	.0	*	500.	180. AG	1671.	1.2	.0	44.0		
6. sbq	*	482.0	548.0	482.0	722.5	*	174.	360. AG	25.	100.0	.0	36.0	.96	8.9
7. eba	*	.0	476.0	500.0	476.0	*	500.	90. AG	2307.	1.2	.0	68.0		
8. ebd	*	500.0	476.0	1000.0	476.0	*	500.	90. AG	2151.	1.2	.0	56.0		
9. ebq	*	464.0	476.0	391.6	476.0	*	72.	270. AG	22.	100.0	.0	48.0	.68	3.7
10. wba	*	1000.0	524.0	500.0	524.0	*	500.	270. AG	1738.	1.2	.0	68.0		
11. wbd	*	500.0	524.0	.0	524.0	*	500.	270. AG	1787.	1.2	.0	56.0		
12. wbq	*	536.0	524.0	590.6	524.0	*	55.	90. AG	22.	100.0	.0	48.0	.51	2.8

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: Wilton/Wilshire - BRT 2030

DATE : 9/17/ 8
 TIME : 10:52:31

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	34	3.0	1041	1600	5.47	3	3
6. sbq	*	60	34	3.0	1605	1600	5.47	3	3
9. ebq	*	60	23	3.0	2307	1600	5.47	3	3
12. wbq	*	60	23	3.0	1738	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	454.0	558.0	5.4	*
2. ne	*	546.0	558.0	5.4	*
3. sw	*	454.0	442.0	5.4	*
4. se	*	546.0	442.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION REC1	CONCENTRATION REC2	CONCENTRATION REC3	CONCENTRATION REC4
0.	.1	.1	.3	.2
10.	.3	.0	.4	.1
20.	.2	.0	.3	.1
30.	.2	.0	.2	.1
40.	.2	.0	.2	.1
50.	.2	.0	.2	.2
60.	.2	.0	.4	.2
70.	.2	.0	.4	.3
80.	.2	.0	.5	.2
90.	.3	.1	.2	.1
100.	.4	.3	.2	.0
110.	.3	.2	.2	.0
120.	.3	.2	.2	.0
130.	.3	.3	.1	.0
140.	.2	.3	.1	.0
150.	.2	.3	.1	.0
160.	.4	.3	.1	.0
170.	.4	.3	.2	.0
180.	.3	.4	.1	.1
190.	.2	.5	.0	.2
200.	.2	.2	.0	.3
210.	.2	.2	.0	.3
220.	.2	.2	.0	.3
230.	.2	.2	.0	.1
240.	.2	.2	.0	.1
250.	.2	.2	.0	.1
260.	.3	.2	.0	.1
270.	.1	.1	.1	.2
280.	.0	.1	.2	.4
290.	.0	.1	.3	.2
300.	.0	.1	.3	.3
310.	.0	.2	.3	.2
320.	.0	.3	.2	.1
330.	.0	.3	.2	.2
340.	.0	.2	.2	.3
350.	.0	.2	.2	.3
360.	.1	.1	.3	.2
MAX	.4	.5	.5	.4
DEGR.	100	190	80	280

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC3 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: Wilton/Wilshire - TSM 2030

DATE : 9/17/ 8
 TIME : 10:54: 4

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C QUEUE (VEH)
1. nba	*	518.0	.0	518.0	500.0	*	500.	360. AG	1052.	1.2	.0	56.0	
2. nbd	*	518.0	500.0	518.0	1000.0	*	500.	360. AG	1091.	1.2	.0	44.0	
3. nbq	*	518.0	452.0	518.0	385.0	*	67.	180. AG	26.	100.0	.0	36.0	.66 3.4
4. sba	*	482.0	1000.0	482.0	500.0	*	500.	180. AG	1622.	1.2	.0	56.0	
5. sbd	*	482.0	500.0	482.0	.0	*	500.	180. AG	1685.	1.2	.0	44.0	
6. sbq	*	482.0	548.0	482.0	834.7	*	287.	360. AG	26.	100.0	.0	36.0	1.01 14.6
7. eba	*	.0	476.0	500.0	476.0	*	500.	90. AG	2312.	1.2	.0	68.0	
8. ebd	*	500.0	476.0	1000.0	476.0	*	500.	90. AG	2154.	1.2	.0	56.0	
9. ebq	*	464.0	476.0	394.5	476.0	*	70.	270. AG	22.	100.0	.0	48.0	.66 3.5
10. wba	*	1000.0	524.0	500.0	524.0	*	500.	270. AG	1796.	1.2	.0	68.0	
11. wbd	*	500.0	524.0	.0	524.0	*	500.	270. AG	1852.	1.2	.0	56.0	
12. wbq	*	536.0	524.0	590.0	524.0	*	54.	90. AG	22.	100.0	.0	48.0	.51 2.7

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: Wilton/Wilshire - TSM 2030

DATE : 9/17/ 8
 TIME : 10:54: 4

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	35	3.0	1052	1600	5.47	3	3
6. sbq	*	60	35	3.0	1622	1600	5.47	3	3
9. ebq	*	60	22	3.0	2312	1600	5.47	3	3
12. wbq	*	60	22	3.0	1796	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	454.0	558.0	5.4	*
2. ne	*	546.0	558.0	5.4	*
3. sw	*	454.0	442.0	5.4	*
4. se	*	546.0	442.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION REC1	CONCENTRATION REC2	CONCENTRATION REC3	CONCENTRATION REC4
0.	.2	.1	.4	.2
10.	.4	.0	.4	.1
20.	.3	.0	.4	.1
30.	.2	.0	.2	.2
40.	.2	.0	.2	.2
50.	.2	.0	.3	.2
60.	.2	.0	.4	.2
70.	.2	.0	.4	.3
80.	.2	.0	.5	.3
90.	.3	.1	.2	.1
100.	.4	.3	.2	.0
110.	.3	.2	.2	.0
120.	.3	.2	.2	.0
130.	.3	.3	.1	.0
140.	.2	.3	.1	.0
150.	.2	.3	.1	.0
160.	.5	.3	.1	.0
170.	.5	.3	.2	.0
180.	.3	.4	.1	.1
190.	.2	.5	.0	.2
200.	.2	.2	.0	.3
210.	.2	.2	.0	.3
220.	.2	.2	.0	.3
230.	.2	.2	.0	.1
240.	.2	.2	.0	.1
250.	.2	.2	.0	.1
260.	.3	.2	.0	.1
270.	.1	.1	.1	.2
280.	.0	.1	.2	.4
290.	.0	.1	.3	.2
300.	.0	.2	.3	.3
310.	.0	.2	.3	.2
320.	.0	.3	.2	.1
330.	.0	.3	.3	.2
340.	.0	.3	.2	.3
350.	.0	.2	.2	.4
360.	.2	.1	.4	.2
MAX	.5	.5	.5	.4
DEGR.	160	190	80	280

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC3 .

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: Wilton/Wilshire - LRT 2030

DATE : 9/17/ 8
 TIME : 11:35:56

The MODE flag has been set to C for calculating CO averages.

SITE & METEOROLOGICAL VARIABLES

VS = .0 CM/S VD = .0 CM/S Z0 = 100. CM
 U = 1.0 M/S CLAS = 6 (F) ATIM = 60. MINUTES MIXH = 1000. M AMB = .0 PPM

LINK VARIABLES

LINK DESCRIPTION	*	X1	Y1	X2	Y2	*	LENGTH (FT)	BRG TYPE (DEG)	VPH	EF (G/MI)	H (FT)	W (FT)	V/C	QUEUE (VEH)
1. nba	*	518.0	.0	518.0	500.0	*	500.	360. AG	1053.	1.2	.0	56.0		
2. nbd	*	518.0	500.0	518.0	1000.0	*	500.	360. AG	1097.	1.2	.0	44.0		
3. nbq	*	518.0	452.0	518.0	386.7	*	65.	180. AG	25.	100.0	.0	36.0	.63	3.3
4. sba	*	482.0	1000.0	482.0	500.0	*	500.	180. AG	1614.	1.2	.0	56.0		
5. sbd	*	482.0	500.0	482.0	.0	*	500.	180. AG	1682.	1.2	.0	44.0		
6. sbq	*	482.0	548.0	482.0	727.3	*	179.	360. AG	25.	100.0	.0	36.0	.96	9.1
7. eba	*	.0	476.0	500.0	476.0	*	500.	90. AG	2297.	1.2	.0	68.0		
8. ebd	*	500.0	476.0	1000.0	476.0	*	500.	90. AG	2138.	1.2	.0	56.0		
9. ebq	*	464.0	476.0	391.8	476.0	*	72.	270. AG	22.	100.0	.0	48.0	.67	3.7
10. wba	*	1000.0	524.0	500.0	524.0	*	500.	270. AG	1737.	1.2	.0	68.0		
11. wbd	*	500.0	524.0	.0	524.0	*	500.	270. AG	1784.	1.2	.0	56.0		
12. wbq	*	536.0	524.0	590.6	524.0	*	55.	90. AG	22.	100.0	.0	48.0	.51	2.8

JOB: D:\00Projects\Crenshaw Prairie Transit\L RUN: Wilton/Wilshire - LRT 2030

DATE : 9/17/ 8
 TIME : 11:35:56

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	*	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
3. nbq	*	60	34	3.0	1053	1600	5.47	3	3
6. sbq	*	60	34	3.0	1614	1600	5.47	3	3
9. ebq	*	60	23	3.0	2297	1600	5.47	3	3
12. wbq	*	60	23	3.0	1737	1600	5.47	3	3

RECEPTOR LOCATIONS

RECEPTOR	*	X	Y	Z	*
1. nw	*	454.0	558.0	5.4	*
2. ne	*	546.0	558.0	5.4	*
3. sw	*	454.0	442.0	5.4	*
4. se	*	546.0	442.0	5.4	*

MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)	CONCENTRATION REC1	CONCENTRATION REC2	CONCENTRATION REC3	CONCENTRATION REC4
0.	.1	.1	.3	.2
10.	.3	.0	.5	.1
20.	.2	.0	.4	.1
30.	.2	.0	.2	.1
40.	.2	.0	.2	.1
50.	.2	.0	.2	.2
60.	.2	.0	.4	.2
70.	.2	.0	.4	.3
80.	.2	.0	.4	.2
90.	.3	.1	.2	.1
100.	.4	.3	.2	.0
110.	.3	.2	.2	.0
120.	.3	.2	.2	.0
130.	.3	.3	.1	.0
140.	.2	.3	.1	.0
150.	.2	.3	.1	.0
160.	.5	.3	.1	.0
170.	.5	.3	.2	.0
180.	.3	.4	.1	.1
190.	.2	.5	.0	.2
200.	.2	.2	.0	.3
210.	.2	.2	.0	.3
220.	.2	.2	.0	.3
230.	.2	.2	.0	.1
240.	.2	.2	.0	.1
250.	.2	.2	.0	.1
260.	.3	.2	.0	.1
270.	.1	.1	.1	.2
280.	.0	.1	.2	.4
290.	.0	.1	.3	.2
300.	.0	.2	.3	.3
310.	.0	.2	.3	.2
320.	.0	.3	.2	.1
330.	.0	.3	.2	.2
340.	.0	.2	.2	.3
350.	.0	.2	.2	.3
360.	.1	.1	.3	.2
MAX	.5	.5	.5	.4
DEGR.	160	190	10	280

THE HIGHEST CONCENTRATION OF .50 PPM OCCURRED AT RECEPTOR REC3 .

Concentrations of CO for Project

Existing 2008

Intersection	1-Hour Bckgrnd Conc.	8-Hour Bckgrnd Conc.	Model RESULTS	Parts Per Million	
				1-hour	8-hour
Aviation Blvd/Century Blvd	4.00	3.10	1.2	5.2	3.8
Crenshaw Blvd/Adams Blvd	4.00	3.10	1.4	5.4	3.9
Crenshaw Blvd/Jefferson Blvd	4.00	3.10	1.4	5.4	3.9
Crenshaw Blvd/Slauson Ave	4.00	3.10	1.1	5.1	3.8
Crenshaw Blvd/Stocker St	4.00	3.10	1.3	5.3	3.9
Crenshaw Blvd/Washington Blvd	4.00	3.10	1.2	5.2	3.8
La Brea Ave/Jefferson Blvd	4.00	3.10	0.9	4.9	3.6
La Brea Ave/Rodeo Rd	4.00	3.10	1.4	5.4	3.9
La Brea Ave/Slauson Ave	4.00	3.10	1.3	5.3	3.9
Wilton Pl/Wilshire Blvd	4.00	3.10	1.3	5.3	3.9

No Build 2030

Intersection	1-Hour Bckgrnd Conc.	8-Hour Bckgrnd Conc.	Model RESULTS	Parts Per Million	
				1-hour	8-hour
Aviation Blvd/Century Blvd	1.36	1.06	0.5	1.9	1.4
Crenshaw Blvd/Adams Blvd	1.36	1.06	0.6	2.0	1.4
Crenshaw Blvd/Jefferson Blvd	1.36	1.06	0.4	1.8	1.3
Crenshaw Blvd/Slauson Ave	1.36	1.06	0.4	1.8	1.3
Crenshaw Blvd/Stocker St	1.36	1.06	0.5	1.9	1.4
Crenshaw Blvd/Washington Blvd	1.36	1.06	0.5	1.9	1.4
La Brea Ave/Jefferson Blvd	1.36	1.06	0.2	1.6	1.2
La Brea Ave/Rodeo Rd	1.36	1.06	0.6	2.0	1.4
La Brea Ave/Slauson Ave	1.36	1.06	0.6	2.0	1.4
Wilton Pl/Wilshire Blvd	1.36	1.06	0.5	1.9	1.4

BRT 2030

Intersection	1-Hour Bckgrnd Conc.	8-Hour Bckgrnd Conc.	Model RESULTS	Parts Per Million	
				1-hour	8-hour
Aviation Blvd/Century Blvd	1.36	1.06	0.5	1.9	1.4
Crenshaw Blvd/Adams Blvd	1.36	1.06	0.5	1.9	1.4
Crenshaw Blvd/Jefferson Blvd	1.36	1.06	0.4	1.8	1.3
Crenshaw Blvd/Slauson Ave	1.36	1.06	0.4	1.8	1.3
Crenshaw Blvd/Stocker St	1.36	1.06	0.5	1.9	1.4
Crenshaw Blvd/Washington Blvd	1.36	1.06	0.5	1.9	1.4
La Brea Ave/Jefferson Blvd	1.36	1.06	0.2	1.6	1.2
La Brea Ave/Rodeo Rd	1.36	1.06	0.6	2.0	1.4
La Brea Ave/Slauson Ave	1.36	1.06	0.5	1.9	1.4
Wilton Pl/Wilshire Blvd	1.36	1.06	0.5	1.9	1.4

TSM 2030

Intersection	1-Hour	8-Hour	Model RESULTS	Parts Per Million	
	Bckgrnd Conc.	Bckgrnd Conc.		1-hour	8-hour
Aviation Blvd/Century Blvd	1.36	1.06	0.5	1.9	1.4
Crenshaw Blvd/Adams Blvd	1.36	1.06	0.5	1.9	1.4
Crenshaw Blvd/Jefferson Blvd	1.36	1.06	0.4	1.8	1.3
Crenshaw Blvd/Slauson Ave	1.36	1.06	0.4	1.8	1.3
Crenshaw Blvd/Stocker St	1.36	1.06	0.5	1.9	1.4
Crenshaw Blvd/Washington Blvd	1.36	1.06	0.5	1.9	1.4
La Brea Ave/Jefferson Blvd	1.36	1.06	0.2	1.6	1.2
La Brea Ave/Rodeo Rd	1.36	1.06	0.6	2.0	1.4
La Brea Ave/Slauson Ave	1.36	1.06	0.6	2.0	1.4
Wilton Pl/Wilshire Blvd	1.36	1.06	0.5	1.9	1.4

LRT 2030

Intersection	1-Hour	8-Hour	Model RESULTS	Parts Per Million	
	Bckgrnd Conc.	Bckgrnd Conc.		1-hour	8-hour
Aviation Blvd/Century Blvd	1.36	1.06	0.5	1.9	1.4
Crenshaw Blvd/Adams Blvd	1.36	1.06	0.5	1.9	1.4
Crenshaw Blvd/Jefferson Blvd	1.36	1.06	0.4	1.8	1.3
Crenshaw Blvd/Slauson Ave	1.36	1.06	0.4	1.8	1.3
Crenshaw Blvd/Stocker St	1.36	1.06	0.5	1.9	1.4
Crenshaw Blvd/Washington Blvd	1.36	1.06	0.5	1.9	1.4
La Brea Ave/Jefferson Blvd	1.36	1.06	0.2	1.6	1.2
La Brea Ave/Rodeo Rd	1.36	1.06	0.6	2.0	1.4
La Brea Ave/Slauson Ave	1.36	1.06	0.6	2.0	1.4
Wilton Pl/Wilshire Blvd	1.36	1.06	0.5	1.9	1.4

State Standard

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Construction Emission Calculations

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EMFAC2007 RATES (grams per mile)							
Vehicle Type	ROG	CO	NOX	SOX	PM10	PM2.5	CO2
Year 2016							
Haul Truck @ 30 MPH	0.546	3.156	5.75	0.015	0.258	0.237	1620.544
Water Truck @ 5 MPH	4.755	13.04	13.489	0.028	0.779	0.717	2946.429
Worker Vehicle @30 MPH	0.044	1.337	0.113	0.003	0.032	0.029	336.11
Light-Duty Trucks @ 30MPH	0.073	2.158	0.238	0.004	0.044	0.040	424.027
Assumptions:							
Construction Year	2018						
Season	Annual						
Temperature	63°F						

EQUIPMENT EMISSION FACTORS (pounds per hour)							
YEAR 2016							
	ROG	CO	NOX	SOX	PM10	PM2.5	CO2
<i>Excavator</i>	0.0988	0.5213	0.6603	0.0013	0.0332	0.0306	120.0
<i>Grader</i>	0.1197	0.5883	0.8866	0.0015	0.0441	0.0406	133.0
<i>Loader</i>	0.0983	0.4557	0.7114	0.0012	0.0375	0.0345	109.0
<i>Other Equipment</i>	0.0720	0.3602	0.5680	0.0013	0.0234	0.0215	123.0
SOURCE: OFFROAD 2007							

Regional Construction Emissions (Sites 14, 15, and 17) - Unmitigated

EQUIPMENT		Equipment Emissions (ppd)						
	# Equipment	ROG	CO	NOX	SOX	PM10	PM2.5	CO2
Excavator	2	1.98	10.43	13.21	0.03	0.66	0.61	2,400.00
Grader	4	4.79	23.53	35.46	0.06	1.76	1.62	5,320.00
Loader	2	1.97	9.11	14.23	0.02	0.75	0.69	2,180.00
TOTAL	8	8.73	43.07	62.90	0.11	3.18	2.92	9,900.00

WORKER VEHICLES			Worker Vehicle Emissions (ppd)						
	# of Workers	Total VMT/Day	ROG	CO	NOX	SOX	PM10	PM2.5	CO2
	30	798.00	0.10	3.07	0.31	0.006	0.067	0.061	668.0
Cars	15.0	399.00	0.04	1.18	0.10	0.00	0.03	0.03	295.39
Trucks	15.0	399.00	0.06	1.90	0.21	0.00	0.04	0.04	372.66

HEAVY-DUTY TRUCK TRIPS				Heavy-duty Truck Emissions (ppd)						
	Trips per Day	Round Trip Length	VMT/day	ROG	CO	NOX	SOX	PM10	PM2.5	CO2
	75	20	1,500	1.80	10.43	19.00	0.05	0.85	0.78	5,354.22

WATER TRUCK USAGE [1]				Heavy-duty Truck Emissions (ppd)						
	# of Water Trucks	Hours of Operation	VMT/day	ROG	CO	NOX	SOX	PM10	PM2.5	CO2
	3	1.00	15.00	0.16	0.43	0.45	0.00	0.03	0.02	97.35

FUGITIVE DUST							
	Max Daily Grading (acres)	PM10		PM2.5			
Grading [2]	10.00	149.0	31.0				
Stockpiling Parameters [3]	Silt Content	Precipitation Days	Mean Wind Speed Percent	TSP Fraction	Area (acres)	PM10	PM2.5
	6.9	10	100	0.5	0.42	6.450	1.342

ARCHITECTURAL COATING [4]						
	Months of Arch Coating	Total SQ FT	Interior SQ FT	Exterior SQ FT	ROG per SQ FT	ROG (ppd)
Non-Residential	1	130,353	195,530	65,177	0.011579	137.22

	TOTAL EMISSIONS						
	Emissions (ppd)						
	ROG	CO	NOX	SOX	PM10	PM2.5	
	148	57	82	0	160	36	
On-Site	146	44	63	0	159	35	
Off-Site	2	13	19	0	1	1	
Regional Daily Maximum	148	57	82	0	160	36	
THRESHOLD	75	550	100	150	150	55	
IMPACT?	YES	NO	NO	NO	YES	NO	

Greenhouse Gas Emissions Calculation		
CO2 (ppd)	Days	CO2 (Tons)
16,019.62	313	1,706

[1] Assumed water trucks would operate on site three hours each day during Grading phase at a rate of 5 mph (compliance with Rule 403).

[2] Used URBEMIS2007's rate for grading dust of 38.2 pounds per acre, and applied 61% reduction based on Rule 403 compliance.

[3] Used SCAQMD's Sample 5-Acre Project Site calculation formulas for stockpiling and multiplied by 2 to represent 10 acres.

Regional Construction Emissions (Sites 14, 15, and 17) - Mitigated

EQUIPMENT		Equipment Emissions (ppd)							
	# Equipment	ROG	CO	NOX	SOX	PM10	PM2.5	CO2	
Excavator	2	1.98	10.43	13.21	0.03	0.66	0.61	2,400.00	
Grader	4	4.79	23.53	35.46	0.06	1.76	1.62	5,320.00	
Loader	2	1.97	9.11	14.23	0.02	0.75	0.69	2,180.00	
TOTAL	8	8.73	43.07	62.90	0.11	3.18	2.92	9,900.00	

WORKER VEHICLES			Worker Vehicle Emissions (ppd)						
	# of Workers	Total VMT/Day	ROG	CO	NOX	SOX	PM10	PM2.5	CO2
	30	798.00	0.10	3.07	0.31	0.006	0.067	0.061	668.0
Cars	15.0	399.00	0.04	1.18	0.10	0.00	0.03	0.03	295.39
Trucks	15.0	399.00	0.06	1.90	0.21	0.00	0.04	0.04	372.66

HEAVY-DUTY TRUCK TRIPS				Heavy-duty Truck Emissions (ppd)						
	Trips per Day	Round Trip Length	VMT/day	ROG	CO	NOX	SOX	PM10	PM2.5	CO2
	75	20	1,500	1.80	10.43	19.00	0.05	0.85	0.78	5,354.22

WATER TRUCK USAGE [1]				Heavy-duty Truck Emissions (ppd)						
	# of Water Trucks	Hours of Operation	VMT/day	ROG	CO	NOX	SOX	PM10	PM2.5	CO2
	3	1.00	15.00	0.16	0.43	0.45	0.00	0.03	0.02	97.35

FUGITIVE DUST							
	Max Daily Grading (acres)	PM10		PM2.5			
		PM10	PM2.5	PM10	PM2.5		
Grading [2]	10.00	149.0	31.0				
Stockpiling Parameters [3]	Silt Content	Precipitation Days	Mean Wind Speed Percent	TSP Fraction	Area (acres)	PM10	PM2.5
	6.9	10	100	0.5	0.42	6.450	1.342

ARCHITECTURAL COATING [4]						
	Months of Arch Coating	Total SQ FT	Interior SQ FT	Exterior SQ FT	ROG per SQ FT	ROG (ppd)
Non-Residential	1	130,353	195,530	65,177	0.011579	5.49

TOTAL EMISSIONS	Emissions (ppd)						
	ROG	CO	NOX	SOX	PM10	PM2.5	CO2
	16	57	82	0	160	36	
On-Site	14	44	63	0	159	35	
Off-Site	2	13	19	0	1	1	
Regional Daily Maximum	16	57	82	0	160	36	
THRESHOLD	75	550	100	150	150	55	
IMPACT?	NO	NO	NO	NO	YES	NO	

Greenhouse Gas Emissions Calculation		
CO2 (ppd)	Days	CO2 (Tons)
16,019.62	313	1,706

[1] Assumed water trucks would operate on site three hours each day during Grading phase at a rate of 5 mph (compliance with Rule 403).

[2] Used URBEMIS2007's rate for grading dust of 38.2 pounds per acre, and applied 61% reduction based on Rule 403 compliance.

[3] Used SCAQMD's Sample 5-Acre Project Site calculation formulas for stockpiling and multiplied by 2 to represent 10 acres.

UNMITIGATED CONSTRUCTION EMISSIONS CALCULATIONS

Fugitive Dust Emissions - Inputs for ISC-AERMOD (Sites 14, 15, and 17)		
Project Phase	lb/day [c]	g/s
PM10	155.4	1.96E+00
PM2.5	32.3	4.07E-01

Weight Conv. [a] 453.59 Time Adjustment [b] 36,000

[a] Weight conversion is the amount of grams per pound.
 [b] Time adjustment is the number of seconds in 8 hours (1 day of grading).
 [c] Pounds per day emissions rate from construction emissions developed using Offroad 2007 and EMFAC 2007 emissions factors.

Off-Road Equipment Emissions					
Daily Emissions (ppd)	CO	NO2 [1]	PM2.5	PM10	
	44	6	2.9	3.2	
Conversion to Grams/Second	CO	NO2	PM2.5	PM10	
	0.5481	0.0798	0.0372	0.0404	

[1] Used 10% of NOX as NO2 value for input into AERMOD

Regional Construction Emissions (Division 22 Expansion) - Unmitigated

EQUIPMENT		Equipment Emissions (ppd)							
	# Equipment	ROG	CO	NOX	SOX	PM10	PM2.5	CO2	
Excavator	2	1.98	10.43	13.21	0.03	0.66	0.61	2,400.00	
Grader	4	4.79	23.53	35.46	0.06	1.76	1.62	5,320.00	
Loader	2	1.97	9.11	14.23	0.02	0.75	0.69	2,180.00	
TOTAL	8	8.73	43.07	62.90	0.11	3.18	2.92	9,900.00	

WORKER VEHICLES			Worker Vehicle Emissions (ppd)						
	# of Workers	Total VMT/Day	ROG	CO	NOX	SOX	PM10	PM2.5	CO2
	30	798.00	0.10	3.07	0.31	0.006	0.067	0.061	668.0
Cars	15.0	399.00	0.04	1.18	0.10	0.00	0.03	0.03	295.39
Trucks	15.0	399.00	0.06	1.90	0.21	0.00	0.04	0.04	372.66

HEAVY-DUTY TRUCK TRIPS				Heavy-duty Truck Emissions (ppd)						
	Trips per Day	Round Trip Length	VMT/day	ROG	CO	NOX	SOX	PM10	PM2.5	CO2
	35	20	700	0.84	4.87	8.87	0.02	0.40	0.37	2,498.64

WATER TRUCK USAGE [1]				Heavy-duty Truck Emissions (ppd)						
	# of Water Trucks	Hours of Operation	VMT/day	ROG	CO	NOX	SOX	PM10	PM2.5	CO2
	1	1.00	5.00	0.05	0.14	0.15	0.00	0.01	0.01	32.45

FUGITIVE DUST							
	Max Daily Grading (acres)	PM10		PM2.5			
Grading [2]	3.50	52.1	10.8				
Stockpiling Parameters [3]	Silt Content	Precipitation Days	Mean Wind Speed Percent	TSP Fraction	Area (acres)	PM10	PM2.5
	6.9	10	100	0.5	0.16	2,460	0.512

ARCHITECTURAL COATING [4]						
	Months of Arch Coating	Total SQ FT	Interior SQ FT	Exterior SQ FT	ROG per SQ FT	ROG (ppd)
Non-Residential	1	43,451	65,177	21,726	0.011579	45.74

	TOTAL EMISSIONS						
	Emissions (ppd)						
	ROG	CO	NOX	SOX	PM10	PM2.5	
	56	51	72	0	58	14	
On-Site	55	43	63	0	58	14	
Off-Site	1	8	9	0	0	0	
Regional Daily Maximum	56	51	72	0	58	14	
THRESHOLD	75	550	100	150	150	55	
IMPACT?	NO	NO	NO	NO	NO	NO	

Greenhouse Gas Emissions Calculation		
CO2 (ppd)	Days	CO2 (Tons)
13,099.14	313	1,666

[1] Assumed water trucks would operate on site three hours each day during Grading phase at a rate of 5 mph (compliance with Rule 403).

[2] Used URBEMIS2007's rate for grading dust of 38.2 pounds per acre, and applied 61% reduction based on Rule 403 compliance.

[3] Used SCAQMD's Sample 5-Acre Project Site calculation formulas for stockpiling and multiplied by 2 to represent 10 acres.

Regional Construction Emissions (Division 22 Expansion) - Mitigated

EQUIPMENT		Equipment Emissions (ppd)							
	# Equipment	ROG	CO	NOX	SOX	PM10	PM2.5	CO2	
Excavator	2	1.98	10.43	13.21	0.03	0.66	0.61	2,400.00	
Grader	4	4.79	23.53	35.46	0.06	1.76	1.62	5,320.00	
Loader	2	1.97	9.11	14.23	0.02	0.75	0.69	2,180.00	
TOTAL	8	8.73	43.07	62.90	0.11	3.18	2.92	9,900.00	

WORKER VEHICLES			Worker Vehicle Emissions (ppd)						
	# of Workers	Total VMT/Day	ROG	CO	NOX	SOX	PM10	PM2.5	CO2
	30	798.00	0.10	3.07	0.31	0.006	0.067	0.061	668.0
Cars	15.0	399.00	0.04	1.18	0.10	0.00	0.03	0.03	295.39
Trucks	15.0	399.00	0.06	1.90	0.21	0.00	0.04	0.04	372.66

HEAVY-DUTY TRUCK TRIPS				Heavy-duty Truck Emissions (ppd)						
	Trips per Day	Round Trip Length	VMT/day	ROG	CO	NOX	SOX	PM10	PM2.5	CO2
	35	20	700	0.84	4.87	8.87	0.02	0.40	0.37	2,498.64

WATER TRUCK USAGE [1]				Heavy-duty Truck Emissions (ppd)						
	# of Water Trucks	Hours of Operation	VMT/day	ROG	CO	NOX	SOX	PM10	PM2.5	CO2
	1	1.00	5.00	0.05	0.14	0.15	0.00	0.01	0.01	32.45

FUGITIVE DUST							
	Max Daily Grading (acres)	PM10		PM2.5			
Grading [2]	3.50	52.1	10.8				
Stockpiling Parameters [3]	Silt Content	Precipitation Days	Mean Wind Speed Percent	TSP Fraction	Area (acres)	PM10	PM2.5
	6.9	10	100	0.5	0.16	2,460	0.512

ARCHITECTURAL COATING [4]						
	Months of Arch Coating	Total SQ FT	Interior SQ FT	Exterior SQ FT	ROG per SQ FT	ROG (ppd)
Non-Residential	1	43,451	65,177	21,726	0.011579	45.74

	Emissions (ppd)						
	ROG	CO	NOX	SOX	PM10	PM2.5	
	56	51	72	0	58	14	
On-Site	55	43	63	0	58	14	
Off-Site	1	8	9	0	0	0	
Regional Daily Maximum	56	51	72	0	58	14	
THRESHOLD	75	550	100	150	150	55	
IMPACT?	NO	NO	NO	NO	NO	NO	

Greenhouse Gas Emissions Calculation		
CO2 (ppd)	Days	CO2 (Tons)
13,099.14	313	1,666

[1] Assumed water trucks would operate on site three hours each day during Grading phase at a rate of 5 mph (compliance with Rule 403).

[2] Used URBEMIS2007's rate for grading dust of 38.2 pounds per acre, and applied 61% reduction based on Rule 403 compliance.

[3] Used SCAQMD's Sample 5-Acre Project Site calculation formulas for stockpiling and multiplied by 2 to represent 10 acres.

UNMITIGATED CONSTRUCTION EMISSIONS CALCULATIONS

Fugitive Dust Emissions - Inputs for ISC-AERMOD (Division 22 Expansion)		
	Weight Conv. [a]	Time Adjustment [b]
	453.59	36,000
Project Phase	lb/day [c]	g/s
PM10	54.6	6.88E-01
PM2.5	11.4	1.43E-01

[a] Weight conversion is the amount of grams per pound.
 [b] Time adjustment is the number of seconds in 8 hours (1 day of grading).
 [c] Pounds per day emissions rate from construction emissions developed using Offroad 2007 and EMFAC 2007 emissions factors.

Off-Road Equipment Emissions				
Daily Emissions (ppd)	CO	NO2 [1]	PM2.5	PM10
	9	6	2.9	3.2
Conversion to Grams/Second	NO2	PM2.5	PM10	
	0.1118	0.0794	0.0370	0.0402

[1] Used 10% of NOX as NO2 value for input into AERMOD

Urbemis 2007 Version 9.2.4

Combined Winter Emissions Reports (Pounds/Day)

File Name:

Project Name: Crenshaw Construction Paving Emissions

Project Location: Los Angeles County

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

Off-Road Vehicle Emissions Based on: OFFROAD2007

Summary Report:

CONSTRUCTION EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5</u>	<u>CO2</u>
2013 TOTALS (lbs/day unmitigated)	5.06	24.01	13.13	0.01	0.04	1.59	1.63	0.01	1.46	1.47	3,061.97

8/28/2008 12:47:15 PM

Construction Unmitigated Detail Report:

CONSTRUCTION EMISSION ESTIMATES Winter Pounds Per Day, Unmitigated

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5</u>	<u>CO2</u>
Time Slice 8/1/2013-8/1/2013 Active Days: 1	5.06	24.01	13.13	0.01	0.04	1.59	1.63	0.01	1.46	1.47	3,061.97
Asphalt 08/01/2013-08/01/2013	5.06	24.01	13.13	0.01	0.04	1.59	1.63	0.01	1.46	1.47	3,061.97
Paving Off-Gas	1.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	2.74	18.34	9.97	0.00	0.00	1.36	1.36	0.00	1.25	1.25	1,887.90
Paving On Road Diesel	0.49	5.62	2.28	0.01	0.03	0.22	0.26	0.01	0.21	0.22	1,049.80
Paving Worker Trips	0.03	0.05	0.88	0.00	0.01	0.00	0.01	0.00	0.00	0.00	124.28

Phase Assumptions

Phase: Paving 8/1/2013 - 8/1/2013 - Default Paving Description

Acres to be Paved: 0.69

Off-Road Equipment:

1 Other Equipment (190 hp) operating at a 0.62 load factor for 8 hours per day

3 Pavers (100 hp) operating at a 0.62 load factor for 8 hours per day

Site #14 – Localized CO Concentrations

```

**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 6.7.1
** Lakes Environmental Software Inc.
** Date: 10/26/2010
** File: C:\Documents and Settings\jbailey\Desktop\Site 14\CO.ADI
**
*****
**
**
** AERMOD Control Pathway
*****
**
**
CO STARTING
TITLEONE Site 14 - CO
MODELOPT CONC NODRYDPLT NOWETDPLT FLAT
AVERTIME 1 8
URBANOPT 9862049 Los_Angeles_County
POLLUTID CO
RUNORNOT RUN
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION VOL1 VOLUME 372476.979 3757462.373 0.0
** DESCRSRC Equipment
** Source Parameters **
SRCPARAM VOL1 0.5481 4.100 46.783 1.163
URBANSRC VOL1
CONCUNIT 873.2 GRAMS/SEC PPM
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
GRIDCART UCART1 STA
XYINC 371696.85 50 30.00 3756641.16 50 30.00
GRIDCART UCART1 END
** DESCRREC ** **
DISCCART 372149.67 3757202.57
DISCCART 372200.97 3757196.42
DISCCART 372734.43 3757083.57
DISCCART 372746.74 3757147.17
DISCCART 372767.26 3757192.31
DISCCART 372894.46 3757118.45
DISCCART 372371.27 3757725.77
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
SURFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC"
PROFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL"
SURFDATA 0 2005
UAIRDATA 3190 2005
PROFBASE 10 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 1 1ST
RECTABLE 8 1ST
** Auto-Generated Plotfiles
PLOTFILE 1 ALL 1ST CO.AD\01H1GALL.PLT
PLOTFILE 8 ALL 1ST CO.AD\08H1GALL.PLT
OU FINISHED

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

*** AERMOD - VERSION 09292 ***      *** Site 14 - CO      ***      10/26/10
***                                     ***                ***      14:37:09
***                                     ***                ***      PAGE   1

**MODELOPTs:  NonDEFAULT CONC                FLAT
                                                    NODRYDPLT NOWETDPLT

***          MODEL SETUP OPTIONS SUMMARY          ***
-----
**Model Is Setup For Calculation of Average CONCentration Values.
-- DEPOSITION LOGIC --
**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION.  DRYDPLT = F
**Model Uses NO WET DEPLETION.  WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for      1 Source(s),
for Total of      1 Urban Area(s):
Urban Population = 9862049.0 ; Urban Roughness Length = 1.000 m

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Site #14 – Localized CO Concentrations

```

**Model Allows User-Specified Options:
  1. Stack-tip Downwash.
  2. Model Assumes Receptors on FLAT Terrain.
  3. Use Calms Processing Routine.
  4. Use Missing Data Processing Routine.
  5. No Exponential Decay.
  6. Urban Roughness Length of 1.0 Meter Used.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates 2 Short Term Average(s) of:  1-HR  8-HR

**This Run Includes:  1 Source(s);  1 Source Group(s); and  2507 Receptor(s)

**The Model Assumes A Pollutant Type of:  CO

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

**Output Options Selected:
  Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
  Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

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

**Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =  10.00 ;  Decay Coef. =  0.000  ;  Rot. Angle =  0.0
  Emission Units = GRAMS/SEC  ;  Emission Rate Unit Factor =  873.20
  Output Units = PPM

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

*** AERMOD - VERSION 09292 ***      *** Site 14 - CO      ***      10/26/10
***                                     ***                                     ***      14:37:09
***                                     ***                                     ***      PAGE  2

**MODELOPTs:  NonDEFAULT CONC      FLAT
                                                NODRYDPLT NOWETDPLT

*** VOLUME SOURCE DATA ***

SOURCE  NUMBER EMISSION RATE  X  Y  BASE  RELEASE  INIT.  INIT.  URBAN  EMISSION RATE
ID      PART. (USER UNITS)  (METERS) (METERS) ELEV.  HEIGHT  SY  SZ  SOURCE  SCALAR VARY
-----
VOL1    0  0.54810E+00  372477.0 3757462.4  10.0  4.10  46.78  1.16  YES
*** AERMOD - VERSION 09292 ***      *** Site 14 - CO      ***      10/26/10
***                                     ***                                     ***      14:37:09
***                                     ***                                     ***      PAGE  3

**MODELOPTs:  NonDEFAULT CONC      FLAT
                                                NODRYDPLT NOWETDPLT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID      SOURCE IDs

ALL          VOL1 ,
*** AERMOD - VERSION 09292 ***      *** Site 14 - CO      ***      10/26/10
***                                     ***                                     ***      14:37:09
***                                     ***                                     ***      PAGE  4

**MODELOPTs:  NonDEFAULT CONC      FLAT
                                                NODRYDPLT NOWETDPLT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)
371696.8, 371726.8, 371756.8, 371786.8, 371816.8, 371846.8, 371876.8, 371906.8, 371936.8, 371966.8,
371996.8, 372026.8, 372056.8, 372086.8, 372116.8, 372146.8, 372176.8, 372206.8, 372236.8, 372266.8,
372296.8, 372326.8, 372356.8, 372386.8, 372416.8, 372446.8, 372476.8, 372506.8, 372536.8, 372566.8,
372596.8, 372626.8, 372656.8, 372686.8, 372716.8, 372746.8, 372776.8, 372806.8, 372836.8, 372866.8,
372896.8, 372926.8, 372956.8, 372986.8, 373016.8, 373046.8, 373076.8, 373106.8, 373136.8, 373166.8,

*** Y-COORDINATES OF GRID ***
(METERS)
3756641.2, 3756671.2, 3756701.2, 3756731.2, 3756761.2, 3756791.2, 3756821.2, 3756851.2, 3756881.2, 3756911.2,
3756941.2, 3756971.2, 3757001.2, 3757031.2, 3757061.2, 3757091.2, 3757121.2, 3757151.2, 3757181.2, 3757211.2,
3757241.2, 3757271.2, 3757301.2, 3757331.2, 3757361.2, 3757391.2, 3757421.2, 3757451.2, 3757481.2, 3757511.2,
3757541.2, 3757571.2, 3757601.2, 3757631.2, 3757661.2, 3757691.2, 3757721.2, 3757751.2, 3757781.2, 3757811.2,
3757841.2, 3757871.2, 3757901.2, 3757931.2, 3757961.2, 3757991.2, 3758021.2, 3758051.2, 3758081.2, 3758111.2,

*** AERMOD - VERSION 09292 ***      *** Site 14 - CO      ***      10/26/10
***                                     ***                                     ***      14:37:09
***                                     ***                                     ***      PAGE  5

**MODELOPTs:  NonDEFAULT CONC      FLAT
                                                NODRYDPLT NOWETDPLT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, Z-ELEV, ZHILL, ZFLAG)
(METERS)
( 372149.7, 3757202.6, 10.0, 10.0, 0.0);  ( 372201.0, 3757196.4, 10.0, 10.0, 0.0);
( 372734.4, 3757083.6, 10.0, 10.0, 0.0);  ( 372746.7, 3757147.2, 10.0, 10.0, 0.0);
( 372767.3, 3757192.3, 10.0, 10.0, 0.0);  ( 372894.5, 3757118.4, 10.0, 10.0, 0.0);
( 372371.3, 3757725.8, 10.0, 10.0, 0.0);

*** AERMOD - VERSION 09292 ***      *** Site 14 - CO      ***      10/26/10
***                                     ***                                     ***      14:37:09
***                                     ***                                     ***      PAGE  6

**MODELOPTs:  NonDEFAULT CONC      FLAT
                                                NODRYDPLT NOWETDPLT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
  LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

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Site #14 – Localized CO Concentrations

05 01 01 01 5.5 0 -999. -99.00 282.6 99.0 -99.00 -99.00
 05 01 01 01 9.1 1 52. 1.10 -999.0 99.0 -99.00 -99.00

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

*** AERMOD - VERSION 09292 *** *** Site 14 - CO

*** 10/26/10
 *** 14:37:09
 PAGE 9

**MODELOPTs: NonDEFAULT CONC

FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOLL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Y-COORD (METERS)	** CONC OF CO		IN PPM	**	
	371696.85	371726.85	X-COORD (METERS)	371756.85	371786.85
3758111.2	0.04254 (05010409)	0.04261 (05010409)	0.04092 (05010409)	0.03754 (05010409)	0.03280 (05010409)
3758081.2	0.04130 (05010409)	0.04343 (05010409)	0.04386 (05010409)	0.04238 (05010409)	0.03906 (05010409)
3758051.2	0.04504 (07090907)	0.04169 (05010409)	0.04430 (05010409)	0.04512 (05010409)	0.04391 (05010409)
3758021.2	0.05241 (07090907)	0.04847 (07090907)	0.04332 (07090907)	0.04511 (05010409)	0.04639 (05010409)
3757991.2	0.05738 (07090907)	0.05552 (07090907)	0.05201 (07090907)	0.04704 (07090907)	0.04587 (05010409)
3757961.2	0.05887 (07090907)	0.05960 (07090907)	0.05854 (07090907)	0.05562 (07090907)	0.05097 (07090907)
3757931.2	0.05640 (07090907)	0.05972 (07090907)	0.06148 (07090907)	0.06137 (07090907)	0.05922 (07090907)
3757901.2	0.05025 (07090907)	0.05563 (07090907)	0.06000 (07090907)	0.06291 (07090907)	0.06391 (07090907)
3757871.2	0.04149 (07090907)	0.04797 (07090907)	0.05418 (07090907)	0.05962 (07090907)	0.06375 (07090907)
3757841.2	0.03162 (07090907)	0.03814 (07090907)	0.04505 (07090907)	0.05200 (07090907)	0.05848 (07090907)
3757811.2	0.02654 (06090102)	0.02785 (07090907)	0.03436 (07090907)	0.04154 (07090907)	0.04908 (07090907)
3757781.2	0.02721 (06090102)	0.02856 (06090102)	0.02947 (06090102)	0.03026 (07090907)	0.03750 (07090907)
3757751.2	0.02532 (06090102)	0.02767 (06090102)	0.02981 (06090102)	0.03160 (06090102)	0.03292 (06090102)
3757721.2	0.02588 (06120524)	0.02585 (06120524)	0.02713 (06090102)	0.03003 (06090102)	0.03276 (06090102)
3757691.2	0.02814 (06120524)	0.02909 (06120524)	0.02981 (06120524)	0.03024 (06120524)	0.03036 (06120524)
3757661.2	0.02974 (06100301)	0.03083 (06100301)	0.03175 (06100301)	0.03267 (06120524)	0.03406 (06120524)
3757631.2	0.02944 (07091603)	0.03078 (06100301)	0.03268 (06100301)	0.03450 (06100301)	0.03621 (06100301)
3757601.2	0.02994 (07091603)	0.03155 (07091603)	0.03316 (07091603)	0.03475 (07091603)	0.03628 (07091603)
3757571.2	0.02912 (05042101)	0.03027 (05042101)	0.03144 (05042101)	0.03352 (07091603)	0.03589 (07091603)
3757541.2	0.03005 (07081605)	0.03147 (07081605)	0.03295 (07081605)	0.03450 (07081605)	0.03611 (07081605)
3757511.2	0.03088 (07110908)	0.03138 (07110908)	0.03190 (07110908)	0.03317 (07081605)	0.03526 (07081605)
3757481.2	0.03606 (07110908)	0.03683 (07110908)	0.03763 (07110908)	0.03848 (07110908)	0.03936 (07110908)
3757451.2	0.03817 (07110908)	0.03900 (07110908)	0.03988 (07110908)	0.04080 (07110908)	0.04177 (07110908)
3757421.2	0.03661 (07110908)	0.03728 (07110908)	0.03797 (07110908)	0.03869 (07110908)	0.03943 (07110908)
3757391.2	0.03183 (07110908)	0.03217 (07110908)	0.03360 (06070206)	0.03528 (06070206)	0.03699 (06070206)
3757361.2	0.03581 (06070206)	0.03701 (06070206)	0.03821 (06070206)	0.03936 (06070206)	0.04043 (06070206)
3757331.2	0.03689 (06070206)	0.03733 (06070206)	0.03770 (06070206)	0.03847 (07082903)	0.04090 (07082903)
3757301.2	0.03394 (07082903)	0.03549 (07082903)	0.03692 (07082903)	0.03819 (07082903)	0.03925 (07082903)
3757271.2	0.03208 (07082903)	0.03250 (07082903)	0.03269 (07082903)	0.03389 (05101822)	0.03566 (05101822)
3757241.2	0.02933 (05101822)	0.03056 (05101822)	0.03158 (05101822)	0.03233 (05101822)	0.03493 (07030608)
3757211.2	0.02968 (07030608)	0.03210 (07030608)	0.03440 (07030608)	0.03648 (07030608)	0.03823 (07030608)
3757181.2	0.03368 (07030608)	0.03536 (07030608)	0.03670 (07030608)	0.03761 (07030608)	0.03798 (07030608)
3757151.2	0.03518 (07030608)	0.03577 (07030608)	0.03587 (07030608)	0.03543 (07030608)	0.03440 (07030608)
3757121.2	0.03392 (07030608)	0.03334 (07030608)	0.03225 (07030608)	0.03064 (07030608)	0.03248 (06111722)
3757091.2	0.03032 (07030608)	0.02875 (07030608)	0.02926 (06111722)	0.03063 (06111722)	0.03123 (06111722)
3757061.2	0.02654 (06111722)	0.02778 (06111722)	0.02838 (06111722)	0.03271 (06053107)	0.03716 (06053107)
3757031.2	0.02593 (06111722)	0.02967 (06053107)	0.03391 (06053107)	0.03780 (06053107)	0.04411 (07070106)
3757001.2	0.03096 (06053107)	0.03477 (06053107)	0.03810 (06053107)	0.04538 (07070106)	0.05408 (07070106)
3756971.2	0.03532 (06053107)	0.03861 (07070106)	0.04644 (07070106)	0.05464 (07070106)	0.06267 (07070106)
3756941.2	0.03981 (07070106)	0.04731 (07070106)	0.05500 (07070106)	0.06239 (07070106)	0.06887 (07070106)

*** AERMOD - VERSION 09292 *** *** Site 14 - CO

*** 10/26/10
 *** 14:37:09
 PAGE 10

**MODELOPTs: NonDEFAULT CONC

FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOLL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Y-COORD (METERS)	** CONC OF CO		IN PPM	**	
	371696.85	371726.85	X-COORD (METERS)	371756.85	371786.85
3756911.2	0.04801 (07070106)	0.05520 (07070106)	0.06198 (07070106)	0.06778 (07070106)	0.07199 (07070106)
3756881.2	0.05526 (07070106)	0.06146 (07070106)	0.06664 (07070106)	0.07026 (07070106)	0.07184 (07070106)
3756851.2	0.05085 (07070106)	0.06547 (07070106)	0.06856 (07070106)	0.06972 (07070106)	0.06867 (07070106)
3756821.2	0.06427 (07070106)	0.06689 (07070106)	0.06768 (07070106)	0.06642 (07070106)	0.06307 (07070106)
3756791.2	0.06527 (07070106)	0.06574 (07070106)	0.06431 (07070106)	0.06095 (07070106)	0.05584 (07070106)
3756761.2	0.06388 (07070106)	0.06230 (07070106)	0.05896 (07070106)	0.05402 (07070106)	0.04781 (07070106)
3756731.2	0.06041 (07070106)	0.05709 (07070106)	0.05231 (07070106)	0.04637 (07070106)	0.04269 (06090207)
3756701.2	0.05532 (07070106)	0.05070 (07070106)	0.04502 (07070106)	0.04182 (06090207)	0.03981 (06090207)
3756671.2	0.04918 (07070106)	0.04374 (07070106)	0.04098 (06090207)	0.03924 (06090207)	0.03563 (06090207)
3756641.2	0.04253 (07070106)	0.04017 (06090207)	0.03866 (06090207)	0.03538 (06090207)	0.03068 (06090207)

*** AERMOD - VERSION 09292 *** *** Site 14 - CO

*** 10/26/10
 *** 14:37:09
 PAGE 11

**MODELOPTs: NonDEFAULT CONC

FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOLL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Y-COORD (METERS)	** CONC OF CO		IN PPM	**	
	371846.85	371876.85	X-COORD (METERS)	371906.85	371936.85
3758111.2	0.04156 (06090407)	0.05009 (06090407)	0.05719 (06090407)	0.06160 (06090407)	0.06231 (06090407)
3758081.2	0.03437 (06090407)	0.04360 (06090407)	0.05245 (06090407)	0.05958 (06090407)	0.06361 (06090407)
3758051.2	0.04067 (05010409)	0.03609 (06090407)	0.04581 (06090407)	0.05497 (06090407)	0.06207 (06090407)
3758021.2	0.04549 (05010409)	0.04237 (05010409)	0.03793 (06090407)	0.04818 (06090407)	0.05765 (06090407)
3757991.2	0.04766 (05010409)	0.04713 (05010409)	0.04418 (05010409)	0.03994 (06090407)	0.05073 (06090407)
3757961.2	0.04654 (05010409)	0.04891 (05010409)	0.04882 (05010409)	0.04608 (05010409)	0.04211 (06090407)
3757931.2	0.05507 (07090907)	0.04917 (07090907)	0.05013 (05010409)	0.05056 (05010409)	0.04809 (05010409)
3757901.2	0.06273 (07090907)	0.05927 (07090907)	0.05371 (07090907)	0.05130 (05010409)	0.05233 (05010409)
3757871.2	0.06603 (07090907)	0.06602 (07090907)	0.06349 (07090907)	0.05839 (07090907)	0.05238 (05010409)

Site #14 – Localized CO Concentrations

3757841.2	0.06388 (07090907)	0.06757 (07090907)	0.06895 (07090907)	0.06761 (07090907)	0.06344 (07090907)
3757811.2	0.05650 (07090907)	0.06317 (07090907)	0.06837 (07090907)	0.07134 (07090907)	0.07149 (07090907)
3757781.2	0.04542 (07090907)	0.05362 (07090907)	0.06149 (07090907)	0.06824 (07090907)	0.07299 (07090907)
3757751.2	0.03363 (06090102)	0.04110 (07090907)	0.04986 (07090907)	0.05877 (07090907)	0.06703 (07090907)
3757721.2	0.03515 (06090102)	0.03702 (06090102)	0.03820 (06090102)	0.04525 (07090907)	0.05496 (07090907)
3757691.2	0.03267 (06090102)	0.03615 (06090102)	0.03932 (06090102)	0.04195 (06090102)	0.04380 (06090102)
3757661.2	0.03518 (06120524)	0.03596 (06120524)	0.03632 (06120524)	0.04005 (06090102)	0.04428 (06090102)
3757631.2	0.03774 (06100301)	0.03904 (06100301)	0.04057 (06120524)	0.04234 (06120524)	0.04369 (06120524)
3757601.2	0.03772 (07091603)	0.04035 (06100301)	0.04299 (06100301)	0.04550 (06100301)	0.04780 (06100301)
3757571.2	0.03834 (07091603)	0.04086 (07091603)	0.04343 (07091603)	0.04600 (07091603)	0.04855 (07091603)
3757541.2	0.03797 (05042101)	0.04006 (05042101)	0.04225 (05042101)	0.04456 (05042101)	0.04769 (07091603)
3757511.2	0.03750 (07081605)	0.03993 (07081605)	0.04255 (07081605)	0.04539 (07081605)	0.04847 (07081605)
3757481.2	0.04029 (07110908)	0.04149 (07091605)	0.04392 (07091605)	0.04661 (07091605)	0.04958 (07091605)
3757451.2	0.04279 (07110908)	0.04386 (07110908)	0.04498 (07110908)	0.04720 (06111920)	0.05027 (06111920)
3757421.2	0.04019 (07110908)	0.04098 (07110908)	0.04179 (07110908)	0.04294 (06111920)	0.04586 (07091002)
3757391.2	0.03873 (06070206)	0.04091 (07091002)	0.04365 (07091002)	0.04655 (07091002)	0.04964 (07091002)
3757361.2	0.04142 (06070206)	0.04319 (07082903)	0.04681 (07082903)	0.05054 (07082903)	0.05432 (07082903)
3757331.2	0.04327 (07082903)	0.04554 (07082903)	0.04764 (07082903)	0.04951 (07082903)	0.05110 (07082903)
3757301.2	0.04007 (07082903)	0.04060 (07082903)	0.04229 (05101822)	0.04461 (05101822)	0.04655 (05101822)
3757271.2	0.03718 (05101822)	0.03838 (05101822)	0.03922 (07031304)	0.04295 (07031304)	0.04629 (07031304)
3757241.2	0.03748 (07030608)	0.03973 (07030608)	0.04151 (07030608)	0.04314 (06060203)	0.04570 (06060203)
3757211.2	0.03953 (07030608)	0.04025 (07030608)	0.04027 (07030608)	0.04169 (07012320)	0.04338 (07012320)
3757181.2	0.03773 (07030608)	0.03689 (07012320)	0.03811 (07012320)	0.04105 (06111722)	0.04298 (06111722)
3757151.2	0.03383 (07012320)	0.03635 (06111722)	0.03806 (06111722)	0.03939 (05043001)	0.04752 (07070106)
3757121.2	0.03401 (06111722)	0.03466 (06053107)	0.03992 (06053107)	0.04942 (07070106)	0.06103 (07070106)
3757091.2	0.03612 (06053107)	0.04089 (07070106)	0.05100 (07070106)	0.06188 (07070106)	0.07270 (07070106)
3757061.2	0.04262 (07070106)	0.05229 (07070106)	0.06244 (07070106)	0.07226 (07070106)	0.08070 (07070106)
3757031.2	0.05330 (07070106)	0.06273 (07070106)	0.07161 (07070106)	0.07901 (07070106)	0.08390 (07070106)
3757001.2	0.06279 (07070106)	0.07081 (07070106)	0.07727 (07070106)	0.08130 (07070106)	0.08214 (07070106)
3756971.2	0.06988 (07070106)	0.07551 (07070106)	0.07879 (07070106)	0.07910 (07070106)	0.07611 (07070106)
3756941.2	0.07374 (07070106)	0.07638 (07070106)	0.07625 (07070106)	0.07312 (07070106)	0.06710 (07070106)

*** AERMOD - VERSION 09292 *** *** Site 14 - CO ***
 *** *** ***
 10/26/10
 14:37:09
 PAGE 12

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOLL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	371846.85	371876.85	X-COORD (METERS)	371906.85	371936.85	371966.85
3756911.2	0.07406 (07070106)	0.07357 (07070106)	0.07034 (07070106)	0.06451 (07070106)	0.05656 (07070106)	
3756881.2	0.07105 (07070106)	0.06775 (07070106)	0.06211 (07070106)	0.05456 (07070106)	0.04733 (06090207)	
3756851.2	0.06533 (07070106)	0.05987 (07070106)	0.05270 (07070106)	0.04637 (06090207)	0.04250 (06090207)	
3756821.2	0.05779 (07070106)	0.05096 (07070106)	0.04541 (06090207)	0.04201 (06090207)	0.03627 (06090207)	
3756791.2	0.04934 (07070106)	0.04448 (06090207)	0.04148 (06090207)	0.03625 (06090207)	0.02954 (06090207)	
3756761.2	0.04357 (06090207)	0.04094 (06090207)	0.03616 (06090207)	0.02991 (06090207)	0.02474 (05050324)	
3756731.2	0.04038 (06090207)	0.03603 (06090207)	0.03020 (06090207)	0.02369 (06090207)	0.02570 (07070203)	
3756701.2	0.03585 (06090207)	0.03042 (06090207)	0.02424 (06090207)	0.02343 (05050324)	0.02710 (07070203)	
3756671.2	0.03058 (06090207)	0.02472 (06090207)	0.02167 (05050324)	0.02467 (07070203)	0.02966 (06090107)	
3756641.2	0.02514 (06090207)	0.01995 (05050324)	0.02231 (07070203)	0.02723 (06090107)	0.03153 (06090107)	

*** AERMOD - VERSION 09292 *** *** Site 14 - CO ***
 *** *** ***
 10/26/10
 14:37:09
 PAGE 13

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOLL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	371996.85	372026.85	X-COORD (METERS)	372056.85	372086.85	372116.85
3758111.2	0.05892 (06090407)	0.05184 (06090407)	0.04224 (06090407)	0.04722 (06042607)	0.05020 (06042607)	
3758081.2	0.06353 (06090407)	0.05905 (06090407)	0.05083 (06090407)	0.04455 (06042607)	0.05022 (06042607)	
3758051.2	0.06561 (06090407)	0.06460 (06090407)	0.05891 (06090407)	0.04949 (06090407)	0.04855 (06042607)	
3758021.2	0.06465 (06090407)	0.06758 (06090407)	0.06547 (06090407)	0.05845 (06090407)	0.04779 (06090407)	
3757991.2	0.06049 (06090407)	0.06230 (06090407)	0.06947 (06090407)	0.06610 (06090407)	0.05762 (06090407)	
3757961.2	0.05349 (06090407)	0.06350 (06090407)	0.07002 (06090407)	0.07124 (06090407)	0.06643 (06090407)	
3757931.2	0.04448 (06090407)	0.05647 (06090407)	0.06670 (06090407)	0.07278 (06090407)	0.07285 (06090407)	
3757901.2	0.05021 (05010409)	0.04707 (06090407)	0.05970 (06090407)	0.07007 (06090407)	0.07555 (06090407)	
3757871.2	0.05412 (05010409)	0.05243 (05010409)	0.04989 (06090407)	0.06318 (06090407)	0.07362 (06090407)	
3757841.2	0.05668 (07090907)	0.05599 (05010409)	0.05497 (05010409)	0.05299 (06090407)	0.06694 (06090407)	
3757811.2	0.06845 (07090907)	0.06232 (07090907)	0.05798 (05010409)	0.05767 (05010409)	0.05639 (06090407)	
3757781.2	0.07490 (07090907)	0.07337 (07090907)	0.06822 (07090907)	0.06000 (05010409)	0.06055 (05010409)	
3757751.2	0.07366 (07090907)	0.07761 (07090907)	0.07797 (07090907)	0.07425 (07090907)	0.06664 (07090907)	
3757721.2	0.06459 (07090907)	0.07312 (07090907)	0.07932 (07090907)	0.08197 (07090907)	0.08032 (07090907)	
3757691.2	0.05009 (07090907)	0.06082 (07090907)	0.07115 (07090907)	0.07980 (07090907)	0.08525 (07090907)	
3757661.2	0.04797 (06090102)	0.05080 (06090102)	0.05579 (07090907)	0.06786 (07090907)	0.07894 (07090907)	
3757631.2	0.04460 (06090102)	0.05026 (06090102)	0.05546 (06090102)	0.05977 (06090102)	0.06321 (07090907)	
3757601.2	0.04978 (06100301)	0.05227 (06120524)	0.05465 (06120524)	0.05762 (06090102)	0.06503 (06090102)	
3757571.2	0.05174 (06100301)	0.05585 (06100301)	0.05986 (06100301)	0.06363 (06100301)	0.06704 (06100301)	
3757541.2	0.05180 (07091603)	0.05615 (07091603)	0.06072 (07091603)	0.06547 (07091603)	0.07038 (07091603)	
3757511.2	0.05182 (07081605)	0.05548 (07081605)	0.05978 (05042101)	0.06468 (05042101)	0.07011 (05042101)	
3757481.2	0.05291 (07091605)	0.05664 (07091605)	0.06086 (07091605)	0.06566 (07091605)	0.07119 (07091605)	
3757451.2	0.05371 (06111920)	0.05757 (06111920)	0.06194 (06111920)	0.06693 (06111920)	0.07267 (06111920)	
3757421.2	0.04995 (07091002)	0.05450 (07091002)	0.05956 (07091002)	0.06520 (07091002)	0.07151 (07091002)	
3757391.2	0.05334 (07102602)	0.05873 (07082903)	0.06479 (07082903)	0.07120 (07082903)	0.07795 (07082903)	
3757361.2	0.05808 (07082903)	0.06175 (07082903)	0.06523 (07082903)	0.06845 (07082903)	0.07130 (07082903)	
3757331.2	0.05232 (07082903)	0.05482 (05101822)	0.05806 (05101822)	0.06087 (07031304)	0.06744 (07031304)	
3757301.2	0.04809 (07031304)	0.05292 (07031304)	0.05717 (07031304)	0.06172 (06060203)	0.06596 (06060203)	
3757271.2	0.04903 (06060203)	0.05276 (06060203)	0.05538 (06060203)	0.05860 (07012320)	0.06389 (07012320)	
3757241.2	0.04765 (07012320)	0.05002 (07012320)	0.05425 (06111722)	0.05685 (06111722)	0.06997 (07070106)	
3757211.2	0.04687 (06111722)	0.04909 (06111722)	0.05620 (07070106)	0.07140 (07070106)	0.08689 (07070106)	
3757181.2	0.04529 (07070106)	0.05823 (07070106)	0.07231 (07070106)	0.08615 (07070106)	0.09775 (07070106)	
3757151.2	0.05982 (07070106)	0.07279 (07070106)	0.08509 (07070106)	0.09495 (07070106)	0.10046 (07070106)	
3757121.2	0.07290 (07070106)	0.08379 (07070106)	0.09214 (07070106)	0.09634 (07070106)	0.09516 (07070106)	
3757091.2	0.08230 (07070106)	0.08933 (07070106)	0.09246 (07070106)	0.09070 (07070106)	0.08381 (07070106)	
3757061.2	0.08658 (07070106)	0.08880 (07070106)	0.08660 (07070106)	0.07986 (07070106)	0.06922 (07070106)	
3757031.2	0.08537 (07070106)	0.08283 (07070106)	0.07625 (07070106)	0.06625 (07070106)	0.05405 (07070106)	
3757001.2	0.07934 (07070106)	0.07294 (07070106)	0.06352 (07070106)	0.05217 (07070106)	0.04434 (06090207)	
3756971.2	0.06990 (07070106)	0.06102 (07070106)	0.05041 (07070106)	0.04399 (06090207)	0.03850 (05083004)	

Site #14 – Localized CO Concentrations

3756941.2 | 0.05870 (07070106) 0.04930 (06090207) 0.04372 (06090207) 0.03649 (05083004) 0.04056 (07070203)
 *** AERMOD - VERSION 09292 *** *** Site 14 - CO ***

 10/26/10
 14:37:09
 PAGE 14

**MODELOPTs: NonDEFAULT CONC

FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	371996.85	372026.85	X-COORD (METERS) 372056.85	372086.85	372116.85
3756911.2	0.04831 (06090207)	0.04337 (06090207)	0.03586 (06090207)	0.03577 (07070203)	0.04143 (07070203)
3756881.2	0.04296 (06090207)	0.03609 (06090207)	0.03159 (05050324)	0.03755 (07070203)	0.04034 (07070203)
3756851.2	0.03622 (06090207)	0.02943 (05083004)	0.03372 (07070203)	0.03761 (07070203)	0.03910 (06090107)
3756821.2	0.02909 (06090207)	0.03004 (07070203)	0.03466 (07070203)	0.03719 (06090107)	0.03825 (06090107)
3756791.2	0.02699 (05050324)	0.03163 (07070203)	0.03490 (06090107)	0.03739 (06090107)	0.03616 (06090107)
3756761.2	0.02861 (07070203)	0.03238 (06090107)	0.03601 (06090107)	0.03637 (06090107)	0.03469 (05102108)
3756731.2	0.02970 (06090107)	0.03417 (06090107)	0.03590 (06090107)	0.03428 (06090107)	0.03573 (05102108)
3756701.2	0.03201 (06090107)	0.03486 (06090107)	0.03469 (06090107)	0.03323 (05102108)	0.03588 (05102108)
3756671.2	0.03336 (06090107)	0.03447 (06090107)	0.03257 (06090107)	0.03424 (05102108)	0.03524 (07032008)
3756641.2	0.03370 (06090107)	0.03311 (06090107)	0.03188 (05102108)	0.03447 (05102108)	0.03475 (07032008)

*** AERMOD - VERSION 09292 *** *** Site 14 - CO ***

 10/26/10
 14:37:09
 PAGE 15

**MODELOPTs: NonDEFAULT CONC

FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	372146.85	372176.85	X-COORD (METERS) 372206.85	372236.85	372266.85
3758111.2	0.05112 (06090607)	0.06212 (06090607)	0.06804 (06090607)	0.06682 (06090607)	0.05854 (06090607)
3758081.2	0.05109 (06042607)	0.05908 (06090607)	0.06792 (06090607)	0.06983 (06090607)	0.06384 (06090607)
3758051.2	0.05249 (06042607)	0.05485 (06090607)	0.06641 (06090607)	0.07172 (06090607)	0.06865 (06090607)
3758021.2	0.05211 (06042607)	0.05375 (06042607)	0.06345 (06090607)	0.07223 (06090607)	0.07265 (06090607)
3757991.2	0.04980 (06042607)	0.05492 (06042607)	0.05906 (06090607)	0.07115 (06090607)	0.07549 (06090607)
3757961.2	0.05636 (06090407)	0.05415 (06042607)	0.05683 (06042607)	0.06836 (06090607)	0.07683 (06090607)
3757931.2	0.06638 (06090407)	0.05464 (06090407)	0.05784 (06042607)	0.06385 (06090607)	0.07636 (06090607)
3757901.2	0.07422 (06090407)	0.06589 (06090407)	0.05648 (06042607)	0.06041 (06042607)	0.07387 (06090607)
3757871.2	0.07827 (06090407)	0.07526 (06090407)	0.06486 (06090407)	0.06107 (06042607)	0.06937 (06090607)
3757841.2	0.07732 (06090407)	0.08088 (06090407)	0.07589 (06090407)	0.06344 (06090407)	0.06459 (06042607)
3757811.2	0.07100 (06090407)	0.08116 (06090407)	0.08343 (06090407)	0.07634 (06090407)	0.06490 (06042607)
3757781.2	0.06024 (06090407)	0.07559 (06090407)	0.08535 (06090407)	0.08591 (06090407)	0.07635 (06090407)
3757751.2	0.06366 (05010409)	0.06481 (06090407)	0.08068 (06090407)	0.08973 (06090407)	0.08824 (06090407)
3757721.2	0.07413 (07090907)	0.06979 (06071402)	0.06993 (06090407)	0.08632 (06090407)	0.09444 (06090407)
3757691.2	0.08617 (07090907)	0.08192 (07090907)	0.07845 (06071402)	0.07906 (06071402)	0.09288 (06090407)
3757661.2	0.08735 (07090907)	0.09141 (07090907)	0.08994 (07090907)	0.08895 (06071402)	0.09192 (06071402)
3757631.2	0.07645 (07090907)	0.08801 (07090907)	0.08523 (07090907)	0.09839 (07090907)	0.10201 (06071402)
3757601.2	0.07162 (06090102)	0.07673 (06090102)	0.08725 (07090907)	0.09992 (07090907)	0.10820 (07090907)
3757571.2	0.07121 (06120524)	0.07775 (06090102)	0.08806 (06090102)	0.09704 (06090102)	0.10895 (07062723)
3757541.2	0.07738 (06100301)	0.08468 (06100301)	0.09204 (06100301)	0.09932 (06100301)	0.11264 (06090102)
3757511.2	0.07648 (07091603)	0.08541 (07091603)	0.09541 (07091603)	0.10670 (07091603)	0.12072 (06100102)
3757481.2	0.07761 (07091605)	0.08518 (07091605)	0.09424 (07091605)	0.10530 (07091605)	0.12017 (05042101)
3757451.2	0.07937 (06111920)	0.08726 (06111920)	0.09673 (06111920)	0.10831 (06111920)	0.12283 (06111920)
3757421.2	0.07862 (07091002)	0.08838 (07082903)	0.10070 (07082903)	0.11476 (07082903)	0.13097 (07082903)
3757391.2	0.08495 (07082903)	0.09217 (07082903)	0.09957 (07082903)	0.10717 (07082903)	0.11555 (07031304)
3757361.2	0.07534 (05101822)	0.08070 (07031304)	0.09043 (07031304)	0.10094 (06060203)	0.11066 (06111722)
3757331.2	0.07345 (06060203)	0.08031 (06060203)	0.08623 (07012320)	0.09575 (06111722)	0.10875 (07070106)
3757301.2	0.07009 (07012320)	0.07696 (06111722)	0.08619 (07070106)	0.10728 (07070106)	0.12428 (07070106)
3757271.2	0.06795 (07070106)	0.08702 (07070106)	0.10534 (07070106)	0.11918 (07070106)	0.12447 (07070106)
3757241.2	0.08721 (07070106)	0.10303 (07070106)	0.11420 (07070106)	0.11750 (07070106)	0.11092 (07070106)
3757211.2	0.10047 (07070106)	0.10941 (07070106)	0.11114 (07070106)	0.10425 (07070106)	0.08937 (07070106)
3757181.2	0.10482 (07070106)	0.10533 (07070106)	0.09830 (07070106)	0.08442 (07070106)	0.07340 (05083004)
3757151.2	0.10002 (07070106)	0.09297 (07070106)	0.08001 (07070106)	0.06610 (05083004)	0.07459 (07070203)
3757121.2	0.08816 (07070106)	0.07605 (07070106)	0.06066 (07070106)	0.06438 (07070203)	0.07138 (07070203)
3757091.2	0.07247 (07070106)	0.05827 (07070106)	0.05598 (07070203)	0.06423 (07070203)	0.06608 (06041124)
3757061.2	0.05608 (07070106)	0.04964 (05083004)	0.05706 (07070203)	0.06039 (07070203)	0.06039 (06041124)
3757031.2	0.04612 (05083004)	0.05013 (07070203)	0.05575 (07070203)	0.05685 (06041124)	0.05745 (07072705)
3757001.2	0.04365 (07070203)	0.05073 (07070203)	0.05161 (07070203)	0.05274 (06041124)	0.05316 (07072705)
3756971.2	0.04560 (07070203)	0.04867 (07070203)	0.04960 (06041124)	0.04995 (07072705)	0.05059 (06090606)
3756941.2	0.04520 (07070203)	0.04552 (06041124)	0.04594 (06041124)	0.04664 (07072705)	0.04848 (06090606)

*** AERMOD - VERSION 09292 *** *** Site 14 - CO ***

 10/26/10
 14:37:09
 PAGE 16

**MODELOPTs: NonDEFAULT CONC

FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	372146.85	372176.85	X-COORD (METERS) 372206.85	372236.85	372266.85
3756911.2	0.04268 (07070203)	0.04375 (06041124)	0.04400 (07072705)	0.04390 (06090606)	0.04537 (06090606)
3756881.2	0.04069 (06041124)	0.04047 (06041124)	0.04139 (07072705)	0.04275 (06090606)	0.04156 (06090606)
3756851.2	0.03894 (06041124)	0.03944 (05102108)	0.04045 (07032008)	0.04067 (06090606)	0.03822 (06090204)
3756821.2	0.03647 (05102108)	0.03926 (05102108)	0.03898 (07032008)	0.03790 (06090606)	0.03559 (05042905)
3756791.2	0.03742 (05102108)	0.03848 (07032008)	0.03673 (07032008)	0.03467 (06090606)	0.03433 (05042905)
3756761.2	0.03741 (05102108)	0.03739 (07032008)	0.03460 (06090606)	0.03247 (06090204)	0.03277 (05042905)
3756731.2	0.03676 (07032008)	0.03561 (07032008)	0.03214 (06090606)	0.03063 (06061607)	0.03148 (06041123)
3756701.2	0.03604 (07032008)	0.03328 (07032008)	0.02989 (06061607)	0.02957 (06061607)	0.02999 (06041123)
3756671.2	0.03462 (07032008)	0.03057 (07032008)	0.02937 (06061607)	0.02838 (05042905)	0.02837 (06041123)
3756641.2	0.03265 (07032008)	0.02828 (06061607)	0.02863 (06061607)	0.02732 (06041123)	0.02665 (06041123)

*** AERMOD - VERSION 09292 *** *** Site 14 - CO ***

 10/26/10
 14:37:09

Site #14 – Localized CO Concentrations

**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT PAGE 17

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO		IN PPM		**	
Y-COORD (METERS)	372296.85	372326.85	X-COORD (METERS)	372386.85	372416.85
3758111.2	0.04554 (06090607)	0.03134 (06090607)	0.03562 (05052102)	0.03777 (07072704)	0.03792 (07090806)
3758081.2	0.05163 (06090607)	0.03678 (06090607)	0.03697 (05052102)	0.03953 (07072704)	0.04014 (07090806)
3758051.2	0.05791 (06090607)	0.04283 (06090607)	0.03826 (05052102)	0.04135 (07072704)	0.04253 (07090806)
3758021.2	0.06415 (06090607)	0.04944 (06090607)	0.03948 (05052102)	0.04342 (05052102)	0.04509 (07090806)
3757991.2	0.07004 (06090607)	0.05647 (06090607)	0.04058 (05052102)	0.04596 (05052102)	0.04809 (07072704)
3757961.2	0.07522 (06090607)	0.06369 (06090607)	0.04635 (06090607)	0.04857 (05052102)	0.05135 (07072704)
3757931.2	0.07924 (06090607)	0.07079 (06090607)	0.05404 (06090607)	0.05122 (05052102)	0.05486 (07072704)
3757901.2	0.08165 (06090607)	0.07734 (06090607)	0.06238 (06090607)	0.05388 (05052102)	0.05865 (07072704)
3757871.2	0.08213 (06090607)	0.08298 (06090607)	0.07100 (06090607)	0.05655 (05052102)	0.06273 (07072704)
3757841.2	0.08039 (06090607)	0.08698 (06090607)	0.07934 (06090607)	0.06056 (06090607)	0.06715 (07072704)
3757811.2	0.07628 (06090607)	0.08884 (06090607)	0.08683 (06090607)	0.07063 (06090607)	0.07195 (07072704)
3757781.2	0.07001 (06042607)	0.08816 (06090607)	0.09288 (06090607)	0.08099 (06090607)	0.07798 (05052102)
3757751.2	0.07963 (05082505)	0.08478 (06090607)	0.09692 (06090607)	0.09121 (06090607)	0.08461 (05052102)
3757721.2	0.09060 (06090407)	0.08718 (05082505)	0.09853 (06090607)	0.10089 (06090607)	0.09287 (06070502)
3757691.2	0.10002 (06090407)	0.10031 (05082505)	0.10127 (06100302)	0.11111 (07062501)	0.10854 (06070502)
3757661.2	0.10141 (06090407)	0.10787 (06090407)	0.11524 (05082505)	0.12296 (07062501)	0.12562 (06070502)
3757631.2	0.10860 (06071402)	0.11510 (05082506)	0.13027 (05082505)	0.13479 (06100302)	0.14832 (07062501)
3757601.2	0.11891 (06071402)	0.13122 (06071402)	0.13960 (05082506)	0.16086 (05082505)	0.17440 (07062501)
3757571.2	0.12350 (07062723)	0.14209 (06071402)	0.16407 (06071402)	0.18112 (05082505)	0.20572 (05082505)
3757541.2	0.12929 (06090102)	0.15047 (07062723)	0.17687 (06071402)	0.21727 (06071402)	0.00000 (00000000)
3757511.2	0.13830 (06100301)	0.15900 (06100301)	0.19007 (06090102)	0.24593 (07090907)	0.00000 (00000000)
3757481.2	0.13958 (05042101)	0.16531 (07091603)	0.20387 (07091603)	0.00000 (00000000)	0.00000 (00000000)
3757451.2	0.14165 (06111920)	0.17056 (07082903)	0.21494 (07082903)	0.00000 (00000000)	0.00000 (00000000)
3757421.2	0.15010 (07082903)	0.17353 (07082903)	0.20409 (07082903)	0.00000 (00000000)	0.00000 (00000000)
3757391.2	0.13355 (06060203)	0.15344 (06060203)	0.17951 (05043001)	0.22259 (07081202)	0.00000 (00000000)
3757361.2	0.12524 (06111722)	0.13967 (05043001)	0.16789 (07091205)	0.19323 (06090101)	0.22516 (07072023)
3757331.2	0.12963 (07070106)	0.14136 (07070106)	0.15074 (06090101)	0.17057 (07072023)	0.18310 (07072023)
3757301.2	0.13215 (07070106)	0.12720 (07070106)	0.13335 (07070203)	0.14833 (06041124)	0.15564 (06090606)
3757271.2	0.11844 (07070106)	0.10791 (05083004)	0.12458 (07070203)	0.12884 (07072705)	0.13067 (06090606)
3757241.2	0.09496 (07070106)	0.10475 (07070203)	0.11112 (06041124)	0.11498 (06090606)	0.11297 (07081701)
3757211.2	0.08771 (07070203)	0.09700 (07070203)	0.09925 (07072705)	0.10186 (06090606)	0.10373 (07081701)
3757181.2	0.08554 (07070203)	0.08832 (06041124)	0.09024 (06090606)	0.08797 (06090606)	0.09540 (07081701)
3757151.2	0.07824 (06041124)	0.08037 (07072705)	0.08296 (06090606)	0.08034 (06041123)	0.08775 (07081701)
3757121.2	0.07275 (06041124)	0.07331 (06090606)	0.07420 (06090606)	0.07317 (06041123)	0.08065 (07081701)
3757091.2	0.06719 (07072705)	0.06929 (06090606)	0.06580 (05042905)	0.06794 (07081701)	0.07403 (07081701)
3757061.2	0.06150 (07072705)	0.06372 (06090606)	0.06142 (06041123)	0.06492 (07081701)	0.06787 (07081701)
3757031.2	0.05885 (06090606)	0.05715 (06090606)	0.05728 (06041123)	0.06178 (07081701)	0.06214 (07081701)
3757001.2	0.05535 (06090606)	0.05197 (05042905)	0.05287 (06041123)	0.05856 (07081701)	0.05683 (07081701)
3756971.2	0.05080 (06090606)	0.04917 (05042905)	0.04860 (07081701)	0.05531 (07081701)	0.05191 (07081701)
3756941.2	0.04592 (06090204)	0.04647 (06041123)	0.04748 (07081701)	0.05206 (07081701)	0.04828 (07042623)

*** AERMOD - VERSION 09292 *** *** Site 14 - CO ***
10/26/10
14:37:09

PAGE 18

**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT PAGE 19

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO		IN PPM		**	
Y-COORD (METERS)	372296.85	372326.85	X-COORD (METERS)	372386.85	372416.85
3756911.2	0.04248 (05042905)	0.04362 (06041123)	0.04614 (07081701)	0.04886 (07081701)	0.04523 (07042623)
3756881.2	0.04063 (05042905)	0.04058 (06041123)	0.04462 (07081701)	0.04574 (07081701)	0.04240 (07042623)
3756851.2	0.03865 (06041123)	0.03746 (06041123)	0.04296 (07081701)	0.04272 (07081701)	0.04000 (05083003)
3756821.2	0.03676 (06041123)	0.03630 (07081701)	0.04119 (07081701)	0.03982 (07081701)	0.03878 (06082207)
3756791.2	0.03465 (06041123)	0.03578 (07081701)	0.03936 (07081701)	0.03705 (07081701)	0.03822 (06082207)
3756761.2	0.03242 (06041123)	0.03510 (07081701)	0.03748 (07081701)	0.03442 (07081701)	0.03766 (06082207)
3756731.2	0.03012 (06041123)	0.03426 (07081701)	0.03559 (07081701)	0.03278 (07042623)	0.03710 (06082207)
3756701.2	0.02864 (07081701)	0.03331 (07081701)	0.03371 (07081701)	0.03126 (07042623)	0.03655 (06082207)
3756671.2	0.02852 (07081701)	0.03226 (07081701)	0.03186 (07081701)	0.03098 (06082207)	0.03606 (06082207)
3756641.2	0.02827 (07081701)	0.03113 (07081701)	0.03004 (07081701)	0.03095 (06082207)	0.03559 (06082207)

*** AERMOD - VERSION 09292 *** *** Site 14 - CO ***
10/26/10
14:37:09

PAGE 19

**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT PAGE 19

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO		IN PPM		**	
Y-COORD (METERS)	372446.85	372476.85	X-COORD (METERS)	372536.85	372566.85
3758111.2	0.03708 (05082924)	0.03811 (07072603)	0.03743 (07072603)	0.03702 (07091802)	0.03649 (07040123)
3758081.2	0.03933 (05082924)	0.04026 (07072603)	0.03941 (07072603)	0.03900 (07091802)	0.03848 (07040123)
3758051.2	0.04178 (05082924)	0.04263 (07072603)	0.04157 (07072603)	0.04112 (07091802)	0.04054 (07040123)
3758021.2	0.04448 (05082924)	0.04524 (07072603)	0.04395 (07072603)	0.04340 (07091802)	0.04266 (07040123)
3757991.2	0.04745 (05082924)	0.04814 (07072603)	0.04657 (07072603)	0.04585 (07091802)	0.04484 (07040123)
3757961.2	0.05073 (05082924)	0.05137 (07072603)	0.04947 (07072603)	0.04880 (07040123)	0.04706 (07040123)
3757931.2	0.05439 (05082924)	0.05500 (07072603)	0.05284 (07091802)	0.05251 (07040123)	0.04931 (07040123)
3757901.2	0.05847 (05082924)	0.05909 (07072603)	0.05702 (07091802)	0.05652 (07040123)	0.05158 (07040123)
3757871.2	0.06306 (05082924)	0.06375 (07072603)	0.06171 (07091802)	0.06087 (07040123)	0.05384 (07040123)
3757841.2	0.06825 (05082924)	0.06909 (07072603)	0.06701 (07091802)	0.06557 (07040123)	0.05826 (07122005)
3757811.2	0.07457 (07090806)	0.07528 (07072603)	0.07305 (07091802)	0.07068 (07040123)	0.06405 (07122005)
3757781.2	0.08195 (07090806)	0.08253 (07072603)	0.08000 (07091802)	0.07626 (07040123)	0.07371 (07062524)
3757751.2	0.09065 (07072704)	0.09115 (07072603)	0.08808 (07091802)	0.08238 (07040123)	0.08469 (07062524)
3757721.2	0.10117 (07072704)	0.10158 (07072603)	0.09765 (07091802)	0.08920 (07040123)	0.09565 (07062524)
3757691.2	0.11372 (07072704)	0.11446 (07072603)	0.10970 (07040123)	0.10358 (07062524)	0.10599 (07062524)

Site #14 – Localized CO Concentrations

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD | X-COORD (METERS)
(METERS) | 372596.85 372626.85 372656.85 372686.85 372716.85
-----|-----
3756911.2 | 0.04350 (07103023) 0.04290 (05091702) 0.04341 (07051822) 0.04382 (07051822) 0.05218 (05102308)
3756881.2 | 0.04105 (07103023) 0.04046 (05091702) 0.03937 (07051822) 0.04187 (07051822) 0.04761 (05102308)
3756851.2 | 0.03858 (07103023) 0.03788 (05091702) 0.03716 (05091702) 0.03933 (07051822) 0.04249 (05102308)
3756821.2 | 0.03613 (07103023) 0.03597 (07103023) 0.03583 (05091702) 0.03639 (07051822) 0.03715 (05102308)
3756791.2 | 0.03373 (07103023) 0.03454 (07103023) 0.03425 (05091702) 0.03322 (07051822) 0.03552 (07051822)
3756761.2 | 0.03141 (07103023) 0.03301 (07103023) 0.03251 (05091702) 0.03121 (05091702) 0.03346 (07051822)
3756731.2 | 0.02918 (07103023) 0.03142 (07103023) 0.03064 (05091702) 0.03040 (05091702) 0.03109 (07051822)
3756701.2 | 0.02706 (07103023) 0.02980 (07103023) 0.02917 (07103023) 0.02938 (05091702) 0.02854 (07051822)
3756671.2 | 0.02505 (07103023) 0.02817 (07103023) 0.02826 (07103023) 0.02819 (05091702) 0.02661 (05091702)
3756641.2 | 0.02317 (07103023) 0.02655 (07103023) 0.02726 (07103023) 0.02688 (05091702) 0.02614 (05091702)
*** AERMOD - VERSION 09292 *** *** Site 14 - CO ***

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** MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT
10/26/10
14:37:09
PAGE 23

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD | X-COORD (METERS)
(METERS) | 372746.85 372776.85 372806.85 372836.85 372866.85
-----|-----
3758111.2 | 0.04414 (05082807) 0.05600 (05082807) 0.06407 (05082807) 0.06645 (05082807) 0.06281 (05082807)
3758081.2 | 0.05157 (05082807) 0.06231 (05082807) 0.06774 (05082807) 0.06666 (05082807) 0.05971 (05082807)
3758051.2 | 0.05901 (05082807) 0.06764 (05082807) 0.06964 (05082807) 0.06480 (05082807) 0.05483 (05082807)
3758021.2 | 0.06590 (05082807) 0.07142 (05082807) 0.06939 (05082807) 0.06084 (05082807) 0.04848 (05082807)
3757991.2 | 0.07162 (05082807) 0.07308 (05082807) 0.06675 (05082807) 0.05496 (05082807) 0.04110 (05082807)
3757961.2 | 0.07545 (05082807) 0.07220 (05082807) 0.06175 (05082807) 0.04757 (05082807) 0.03380 (07070124)
3757931.2 | 0.07676 (05082807) 0.06857 (05082807) 0.05468 (05082807) 0.03927 (05082807) 0.03647 (06090306)
3757901.2 | 0.07505 (05082807) 0.06231 (05082807) 0.04614 (05082807) 0.03899 (06090306) 0.04132 (06090306)
3757871.2 | 0.07017 (05082807) 0.05388 (05082807) 0.04182 (06090306) 0.04474 (06090306) 0.04374 (06090306)
3757841.2 | 0.06242 (05082807) 0.04691 (07070124) 0.04866 (06090306) 0.04779 (06090306) 0.04813 (06090306)
3757811.2 | 0.05428 (07070124) 0.05320 (06090306) 0.05252 (06090306) 0.05391 (05082707) 0.06789 (05082707)
3757781.2 | 0.05853 (06090306) 0.05810 (06090306) 0.06056 (05082707) 0.07543 (05082707) 0.08791 (05082707)
3757751.2 | 0.06478 (06090306) 0.06818 (05082707) 0.08383 (05082707) 0.09608 (05082707) 0.10340 (05082707)
3757721.2 | 0.07691 (05082707) 0.09309 (05082707) 0.10464 (05082707) 0.11013 (05082707) 0.10934 (05082707)
3757691.2 | 0.10317 (05082707) 0.11339 (05082707) 0.11632 (05082707) 0.11234 (05082707) 0.10293 (05082707)
3757661.2 | 0.12198 (05082707) 0.12152 (05082707) 0.11375 (05082707) 0.10088 (05082707) 0.08542 (05082707)
3757631.2 | 0.12520 (05082707) 0.11308 (05082707) 0.09669 (05082707) 0.07892 (05082707) 0.06196 (05082707)
3757601.2 | 0.11022 (05082707) 0.09041 (05082707) 0.07072 (05082707) 0.06583 (07112919) 0.06044 (07112919)
3757571.2 | 0.08759 (07112919) 0.07975 (07112919) 0.07106 (07112919) 0.06213 (07112919) 0.05877 (05071903)
3757541.2 | 0.08654 (05071903) 0.08081 (05071903) 0.07512 (05071903) 0.06952 (05071903) 0.06493 (05091722)
3757511.2 | 0.09574 (05091722) 0.08633 (05091722) 0.07795 (05091722) 0.07049 (06090106) 0.06475 (07072605)
3757481.2 | 0.09768 (06061524) 0.08800 (06061524) 0.07985 (06061524) 0.07289 (06061524) 0.06687 (06061524)
3757451.2 | 0.10129 (06112321) 0.09151 (06112321) 0.08334 (06112321) 0.07641 (06112321) 0.07044 (06112321)
3757421.2 | 0.08738 (05070723) 0.07993 (06112321) 0.07376 (06112321) 0.06848 (06112321) 0.06388 (06112321)
3757391.2 | 0.08993 (07081802) 0.07698 (07031508) 0.07328 (07031508) 0.06980 (07031508) 0.06637 (07031508)
3757361.2 | 0.09128 (07081802) 0.08376 (07081802) 0.07553 (07081802) 0.06706 (07081802) 0.06445 (07031508)
3757331.2 | 0.08778 (07082904) 0.08008 (07082904) 0.07225 (07081201) 0.06856 (07081802) 0.06390 (07081802)
3757301.2 | 0.08685 (05041521) 0.07939 (05041521) 0.07136 (07082904) 0.06633 (07082904) 0.06023 (07081201)
3757271.2 | 0.07885 (07062901) 0.07469 (05041521) 0.07184 (05041521) 0.06549 (05041521) 0.05968 (07082904)
3757241.2 | 0.07928 (07062901) 0.07168 (07062901) 0.06703 (07091107) 0.06456 (07091107) 0.06075 (05041521)
3757211.2 | 0.07345 (05062305) 0.07033 (07062901) 0.06540 (07062901) 0.06272 (07091107) 0.06257 (07091107)
3757181.2 | 0.07370 (07090807) 0.06592 (06081607) 0.06274 (07062901) 0.05983 (07062901) 0.05819 (07091107)
3757151.2 | 0.08969 (07090807) 0.06565 (05062305) 0.06305 (06081607) 0.05767 (06081607) 0.05483 (07062901)
3757121.2 | 0.10152 (07090807) 0.08075 (07090807) 0.06026 (06081607) 0.06057 (06081607) 0.05585 (06081607)
3757091.2 | 0.10771 (07090807) 0.09310 (07090807) 0.07267 (07090807) 0.05787 (06081607) 0.05834 (06081607)
3757061.2 | 0.10790 (07090807) 0.10089 (07090807) 0.08512 (07090807) 0.06543 (07090807) 0.05571 (06081607)
3757031.2 | 0.10276 (07090807) 0.10346 (07090807) 0.09397 (07090807) 0.07768 (07090807) 0.05896 (07090807)
3757001.2 | 0.09361 (07090807) 0.10102 (07090807) 0.09838 (07090807) 0.08717 (07090807) 0.07083 (07090807)
3756971.2 | 0.08203 (07090807) 0.09445 (07090807) 0.09822 (07090807) 0.09295 (07090807) 0.08061 (07090807)
3756941.2 | 0.06949 (07090807) 0.08499 (07090807) 0.09400 (07090807) 0.09466 (07090807) 0.08736 (07090807)
*** AERMOD - VERSION 09292 *** *** Site 14 - CO ***

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** MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT
10/26/10
14:37:09
PAGE 24

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD | X-COORD (METERS)
(METERS) | 372746.85 372776.85 372806.85 372836.85 372866.85
-----|-----
3756911.2 | 0.05718 (07090807) 0.07395 (07090807) 0.08665 (07090807) 0.09252 (07090807) 0.09057 (07090807)
3756881.2 | 0.05315 (05102308) 0.06247 (07090807) 0.07725 (07090807) 0.08716 (07090807) 0.09021 (07090807)
3756851.2 | 0.05011 (05102308) 0.05232 (05102308) 0.06688 (07090807) 0.07946 (07090807) 0.08669 (07090807)
3756821.2 | 0.04613 (05102308) 0.05084 (05102308) 0.05641 (07090807) 0.07035 (07090807) 0.08066 (07090807)
3756791.2 | 0.04158 (05102308) 0.04820 (05102308) 0.04999 (05102308) 0.06069 (07090807) 0.07290 (07090807)
3756761.2 | 0.03677 (05102308) 0.04470 (05102308) 0.04872 (05102308) 0.05117 (07090807) 0.06421 (07090807)
3756731.2 | 0.03202 (07051822) 0.04064 (05102308) 0.04641 (05102308) 0.04786 (05102308) 0.05526 (07090807)
3756701.2 | 0.03063 (07051822) 0.03630 (05102308) 0.04332 (05102308) 0.04677 (05102308) 0.04660 (07090807)
3756671.2 | 0.02891 (07051822) 0.03191 (05102308) 0.03969 (05102308) 0.04474 (05102308) 0.04591 (05102308)
3756641.2 | 0.02696 (07051822) 0.02796 (07051822) 0.03576 (05102308) 0.04200 (05102308) 0.04497 (05102308)
*** AERMOD - VERSION 09292 *** *** Site 14 - CO ***

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** MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT
10/26/10
14:37:09
PAGE 25

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD | X-COORD (METERS)
(METERS) | 372746.85 372776.85 372806.85 372836.85 372866.85
-----|-----
3756911.2 | 0.05718 (07090807) 0.07395 (07090807) 0.08665 (07090807) 0.09252 (07090807) 0.09057 (07090807)
3756881.2 | 0.05315 (05102308) 0.06247 (07090807) 0.07725 (07090807) 0.08716 (07090807) 0.09021 (07090807)
3756851.2 | 0.05011 (05102308) 0.05232 (05102308) 0.06688 (07090807) 0.07946 (07090807) 0.08669 (07090807)
3756821.2 | 0.04613 (05102308) 0.05084 (05102308) 0.05641 (07090807) 0.07035 (07090807) 0.08066 (07090807)
3756791.2 | 0.04158 (05102308) 0.04820 (05102308) 0.04999 (05102308) 0.06069 (07090807) 0.07290 (07090807)
3756761.2 | 0.03677 (05102308) 0.04470 (05102308) 0.04872 (05102308) 0.05117 (07090807) 0.06421 (07090807)
3756731.2 | 0.03202 (07051822) 0.04064 (05102308) 0.04641 (05102308) 0.04786 (05102308) 0.05526 (07090807)
3756701.2 | 0.03063 (07051822) 0.03630 (05102308) 0.04332 (05102308) 0.04677 (05102308) 0.04660 (07090807)
3756671.2 | 0.02891 (07051822) 0.03191 (05102308) 0.03969 (05102308) 0.04474 (05102308) 0.04591 (05102308)
3756641.2 | 0.02696 (07051822) 0.02796 (07051822) 0.03576 (05102308) 0.04200 (05102308) 0.04497 (05102308)
*** AERMOD - VERSION 09292 *** *** Site 14 - CO ***

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** MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT
10/26/10
14:37:09
PAGE 25

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD | X-COORD (METERS)
(METERS) | 372746.85 372776.85 372806.85 372836.85 372866.85
-----|-----
3756911.2 | 0.05718 (07090807) 0.07395 (07090807) 0.08665 (07090807) 0.09252 (07090807) 0.09057 (07090807)
3756881.2 | 0.05315 (05102308) 0.06247 (07090807) 0.07725 (07090807) 0.08716 (07090807) 0.09021 (07090807)
3756851.2 | 0.05011 (05102308) 0.05232 (05102308) 0.06688 (07090807) 0.07946 (07090807) 0.08669 (07090807)
3756821.2 | 0.04613 (05102308) 0.05084 (05102308) 0.05641 (07090807) 0.07035 (07090807) 0.08066 (07090807)
3756791.2 | 0.04158 (05102308) 0.04820 (05102308) 0.04999 (05102308) 0.06069 (07090807) 0.07290 (07090807)
3756761.2 | 0.03677 (05102308) 0.04470 (05102308) 0.04872 (05102308) 0.05117 (07090807) 0.06421 (07090807)
3756731.2 | 0.03202 (07051822) 0.04064 (05102308) 0.04641 (05102308) 0.04786 (05102308) 0.05526 (07090807)
3756701.2 | 0.03063 (07051822) 0.03630 (05102308) 0.04332 (05102308) 0.04677 (05102308) 0.04660 (07090807)
3756671.2 | 0.02891 (07051822) 0.03191 (05102308) 0.03969 (05102308) 0.04474 (05102308) 0.04591 (05102308)
3756641.2 | 0.02696 (07051822) 0.02796 (07051822) 0.03576 (05102308) 0.04200 (05102308) 0.04497 (05102308)
*** AERMOD - VERSION 09292 *** *** Site 14 - CO ***

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** MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT
10/26/10
14:37:09
PAGE 25

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Site #14 – Localized CO Concentrations

3757481.2	0.04298 (06061524)	0.04031 (06061524)	0.03788 (06061524)	0.03566 (06061524)	0.03364 (06061524)
3757451.2	0.04691 (06112321)	0.04427 (06112321)	0.04187 (06112321)	0.03968 (06112321)	0.03767 (06112321)
3757421.2	0.04506 (06112321)	0.04285 (06112321)	0.04081 (06112321)	0.03893 (06112321)	0.03719 (06112321)
3757391.2	0.04557 (07031508)	0.04230 (07031508)	0.03931 (07031508)	0.03651 (07031508)	0.03386 (07031508)
3757361.2	0.05453 (07031508)	0.05198 (07031508)	0.04948 (07031508)	0.04693 (07031508)	0.04437 (07031508)
3757331.2	0.05567 (07031508)	0.05480 (07031508)	0.05369 (07031508)	0.05229 (07031508)	0.05066 (07031508)
3757301.2	0.04865 (07031508)	0.04970 (07031508)	0.05039 (07031508)	0.05066 (07031508)	0.05055 (07031508)
3757271.2	0.04213 (07081802)	0.03935 (07081802)	0.04107 (07031508)	0.04283 (07031508)	0.04422 (07031508)
3757241.2	0.03980 (07081802)	0.03873 (07081802)	0.03737 (07081802)	0.03557 (07081802)	0.03404 (07031508)
3757211.2	0.03979 (07082904)	0.03708 (07081201)	0.03548 (07081201)	0.03375 (07081802)	0.03309 (07081802)
3757181.2	0.03882 (07082904)	0.03759 (07082904)	0.03553 (07082904)	0.03286 (07082904)	0.03178 (07081201)
3757151.2	0.04370 (07091107)	0.03715 (07091107)	0.03446 (07082904)	0.03357 (07082904)	0.03197 (07082904)
3757121.2	0.05047 (07091107)	0.04570 (07091107)	0.03995 (07091107)	0.03384 (07091107)	0.03087 (07082904)
3757091.2	0.05235 (07091107)	0.05052 (07091107)	0.04692 (07091107)	0.04209 (07091107)	0.03659 (07091107)
3757061.2	0.04908 (07091107)	0.05052 (07091107)	0.04988 (07091107)	0.04742 (07091107)	0.04356 (07091107)
3757031.2	0.04186 (07091107)	0.04598 (07091107)	0.04829 (07091107)	0.04869 (07091107)	0.04730 (07091107)
3757001.2	0.03721 (06081607)	0.03832 (07091107)	0.04282 (07091107)	0.04579 (07091107)	0.04706 (07091107)
3756971.2	0.04374 (06081607)	0.03702 (06081607)	0.03496 (07091107)	0.03967 (07091107)	0.04314 (07091107)
3756941.2	0.04771 (06081607)	0.04303 (06081607)	0.03679 (06081607)	0.03180 (07091107)	0.03660 (07091107)

*** AERMOD - VERSION 09292 *** *** Site 14 - CO ***
 *** *** *** *** ***
 10/26/10
 14:37:09
 PAGE 28

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOLL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** CONC OF CO IN PPM **

Y-COORD (METERS)	373046.85	373076.85	X-COORD (METERS)	373106.85	373136.85	373166.85
3756911.2	0.04856 (06081607)	0.04661 (06081607)	0.04232 (06081607)	0.03652 (06081607)	0.03007 (06081607)	0.03007 (06081607)
3756881.2	0.04636 (06081607)	0.04728 (06081607)	0.04554 (06081607)	0.04162 (06081607)	0.03622 (06081607)	0.03622 (06081607)
3756851.2	0.04170 (06081607)	0.04513 (06081607)	0.04606 (06081607)	0.04452 (06081607)	0.04092 (06081607)	0.04092 (06081607)
3756821.2	0.04094 (07090807)	0.04072 (06081607)	0.04397 (06081607)	0.04490 (06081607)	0.04354 (06081607)	0.04354 (06081607)
3756791.2	0.04922 (07090807)	0.03749 (07090807)	0.03978 (06081607)	0.04287 (06081607)	0.04381 (06081607)	0.04381 (06081607)
3756761.2	0.05696 (07090807)	0.04533 (07090807)	0.03438 (07090807)	0.03889 (06081607)	0.04183 (06081607)	0.04183 (06081607)
3756731.2	0.06361 (07090807)	0.05283 (07090807)	0.04177 (07090807)	0.03364 (06081607)	0.03804 (06081607)	0.03804 (06081607)
3756701.2	0.06872 (07090807)	0.05950 (07090807)	0.04900 (07090807)	0.03852 (07090807)	0.03305 (06081607)	0.03305 (06081607)
3756671.2	0.07201 (07090807)	0.06489 (07090807)	0.05560 (07090807)	0.04544 (07090807)	0.03555 (07090807)	0.03555 (07090807)
3756641.2	0.07336 (07090807)	0.06871 (07090807)	0.06117 (07090807)	0.05191 (07090807)	0.04214 (07090807)	0.04214 (07090807)

*** AERMOD - VERSION 09292 *** *** Site 14 - CO ***
 *** *** *** *** ***
 10/26/10
 14:37:09
 PAGE 29

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOLL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

*** CONC OF CO IN PPM **

X-COORD (M)	Y-COORD (M)	CONC (YYMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMDDHH)
372149.67	3757202.57	0.10357 (07071016)	372200.97	3757196.42	0.10701 (07071016)
372734.43	3757083.57	0.11045 (07090807)	372746.74	3757147.17	0.09163 (07090807)
372767.26	3757192.31	0.06782 (05062305)	372894.46	3757118.45	0.05023 (07062901)
372371.27	3757725.77	0.10148 (06090607)			

*** AERMOD - VERSION 09292 *** *** Site 14 - CO ***
 *** *** *** *** ***
 10/26/10
 14:37:09
 PAGE 30

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOLL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** CONC OF CO IN PPM **

Y-COORD (METERS)	371696.85	371726.85	X-COORD (METERS)	371756.85	371786.85	371816.85
3758111.2	0.00539 (06110908)	0.00538 (05010416)	0.00518 (05010416)	0.00524 (07080508)	0.00544 (06053008)	0.00544 (06053008)
3758081.2	0.00581 (07090908)	0.00559 (06110908)	0.00555 (06110908)	0.00541 (07080508)	0.00562 (07080508)	0.00562 (07080508)
3758051.2	0.00698 (07090908)	0.00633 (07090908)	0.00581 (06110908)	0.00580 (06110908)	0.00582 (07080508)	0.00582 (07080508)
3758021.2	0.00802 (07090908)	0.00753 (07090908)	0.00690 (07090908)	0.00615 (07090908)	0.00607 (06110908)	0.00607 (06110908)
3757991.2	0.00876 (07090908)	0.00855 (07090908)	0.00812 (07090908)	0.00751 (07090908)	0.00675 (07090908)	0.00675 (07090908)
3757961.2	0.00908 (07090908)	0.00919 (07090908)	0.00908 (07090908)	0.00873 (07090908)	0.00817 (07090908)	0.00817 (07090908)
3757931.2	0.00889 (07090908)	0.00934 (07090908)	0.00960 (07090908)	0.00961 (07090908)	0.00937 (07090908)	0.00937 (07090908)
3757901.2	0.00824 (07090908)	0.00896 (07090908)	0.00956 (07090908)	0.00997 (07090908)	0.01013 (07090908)	0.01013 (07090908)
3757871.2	0.00725 (07090908)	0.00813 (07090908)	0.00897 (07090908)	0.00971 (07090908)	0.01029 (07090908)	0.01029 (07090908)
3757841.2	0.00660 (06090808)	0.00700 (07090908)	0.00796 (07090908)	0.00891 (07090908)	0.00980 (07090908)	0.00980 (07090908)
3757811.2	0.00669 (06090808)	0.00709 (06090808)	0.00752 (06090808)	0.00797 (06090808)	0.00878 (07090908)	0.00878 (07090908)
3757781.2	0.00667 (06090808)	0.00712 (06090808)	0.00759 (06090808)	0.00810 (06090808)	0.00864 (06090808)	0.00864 (06090808)
3757751.2	0.00653 (06060508)	0.00701 (06090808)	0.00754 (06090808)	0.00810 (06090808)	0.00871 (06090808)	0.00871 (06090808)
3757721.2	0.00716 (06060508)	0.00736 (06060508)	0.00753 (06060508)	0.00793 (06090808)	0.00859 (06090808)	0.00859 (06090808)
3757691.2	0.00759 (06060508)	0.00792 (06060508)	0.00823 (06060508)	0.00853 (06060508)	0.00880 (06060508)	0.00880 (06060508)
3757661.2	0.00786 (06060508)	0.00827 (06060508)	0.00870 (06060508)	0.00915 (06060508)	0.00959 (06060508)	0.00959 (06060508)
3757631.2	0.00826 (06061708)	0.00859 (06041108)	0.00904 (06041108)	0.00955 (06060508)	0.01013 (06060508)	0.01013 (06060508)
3757601.2	0.00908 (05122608)	0.00944 (05122608)	0.00981 (05122608)	0.01021 (05122608)	0.01070 (06061708)	0.01070 (06061708)
3757571.2	0.01004 (05122608)	0.01052 (05122608)	0.01103 (05122608)	0.01158 (05122608)	0.01216 (05122608)	0.01216 (05122608)
3757541.2	0.01077 (05122608)	0.01135 (05122608)	0.01198 (05122608)	0.01266 (05122608)	0.01340 (05122608)	0.01340 (05122608)
3757511.2	0.01119 (05122608)	0.01183 (05122608)	0.01254 (05122608)	0.01331 (05122608)	0.01417 (05122608)	0.01417 (05122608)
3757481.2	0.01124 (05122608)	0.01191 (05122608)	0.01264 (05122608)	0.01345 (05122608)	0.01435 (05122608)	0.01435 (05122608)
3757451.2	0.01091 (05122608)	0.01155 (05122608)	0.01225 (05122608)	0.01303 (05122608)	0.01389 (05122608)	0.01389 (05122608)
3757421.2	0.01021 (05122608)	0.01078 (05122608)	0.01141 (07011108)	0.01213 (07011108)	0.01294 (07011108)	0.01294 (07011108)
3757391.2	0.01004 (07011708)	0.01065 (07011708)	0.01131 (07011708)	0.01205 (07011708)	0.01286 (07011708)	0.01286 (07011708)
3757361.2	0.01016 (07011708)	0.01074 (07011708)	0.01138 (07011708)	0.01208 (07011708)	0.01285 (07011708)	0.01285 (07011708)
3757331.2	0.00999 (07011708)	0.01052 (07011708)	0.01110 (07011708)	0.01173 (07011708)	0.01241 (07011708)	0.01241 (07011708)
3757301.2	0.00957 (07011708)	0.01010 (05083108)	0.01076 (05083108)	0.01145 (05083108)	0.01219 (05083108)	0.01219 (05083108)
3757271.2	0.00970 (05083108)	0.01022 (05083108)	0.01076 (05083108)	0.01132 (05083108)	0.01213 (06103008)	0.01213 (06103008)
3757241.2	0.00954 (05083108)	0.01017 (06103008)	0.01082 (06103008)	0.01151 (06103008)	0.01221 (06103008)	0.01221 (06103008)
3757211.2	0.00969 (06103008)	0.01022 (06103008)	0.01074 (06103008)	0.01135 (07031308)	0.01218 (07031308)	0.01218 (07031308)
3757181.2	0.00954 (07031308)	0.01020 (07031308)	0.01083 (07031308)	0.01178 (06122008)	0.01291 (06122008)	0.01291 (06122008)

Site #14 – Localized CO Concentrations

3756761.2	0.00931 (05122908)	0.00948 (05122908)	0.00947 (05122908)	0.00927 (05122908)	0.00989 (07121308)
3756731.2	0.00891 (05122908)	0.00893 (05122908)	0.00877 (05122908)	0.00915 (07121308)	0.00972 (05112808)
3756701.2	0.00843 (05122908)	0.00831 (05122908)	0.00848 (07121308)	0.00903 (07121308)	0.00953 (05112808)
3756671.2	0.00789 (05122908)	0.00788 (07121308)	0.00841 (07121308)	0.00888 (05112808)	0.00927 (05112808)
3756641.2	0.00733 (07121308)	0.00784 (07121308)	0.00827 (05112808)	0.00868 (05112808)	0.00895 (05112808)

*** AERMOD - VERSION 09292 *** *** Site 14 - CO ***

 10/26/10
 14:37:09
 PAGE 34

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Y-COORD (METERS)	371996.85	372026.85	X-COORD (METERS) 372056.85	372086.85	372116.85
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3758111.2	0.00882 (06090408)	0.00806 (06090408)	0.00706 (06090408)	0.00736 (06042608)	0.00779 (06042608)
3758081.2	0.00946 (06090408)	0.00900 (06090408)	0.00814 (06090408)	0.00712 (06090408)	0.00788 (06042608)
3758051.2	0.00981 (06090408)	0.00976 (06090408)	0.00919 (06090408)	0.00825 (06090408)	0.00777 (06042608)
3758021.2	0.00980 (06090408)	0.01023 (06090408)	0.01008 (06090408)	0.00940 (06090408)	0.00842 (06090408)
3757991.2	0.00942 (06090408)	0.01032 (06090408)	0.01068 (06090408)	0.01041 (06090408)	0.00954 (06090408)
3757961.2	0.00873 (06090408)	0.01001 (06090408)	0.01089 (06090408)	0.01116 (06090408)	0.01079 (06090408)
3757931.2	0.00892 (07080508)	0.00935 (06090408)	0.01067 (06090408)	0.01152 (06090408)	0.01170 (06090408)
3757901.2	0.00944 (07080508)	0.00987 (07080508)	0.01018 (07080508)	0.01141 (06090408)	0.01222 (06090408)
3757871.2	0.00987 (07080508)	0.01048 (07080508)	0.01101 (07080508)	0.01137 (07080508)	0.01225 (06090408)
3757841.2	0.01019 (07080508)	0.01098 (07080508)	0.01173 (07080508)	0.01236 (07080508)	0.01279 (07080508)
3757811.2	0.01178 (07090908)	0.01157 (06090808)	0.01229 (07080508)	0.01322 (07080508)	0.01400 (07080508)
3757781.2	0.01294 (07090908)	0.01289 (06090808)	0.01327 (06090808)	0.01386 (07080508)	0.01503 (07080508)
3757751.2	0.01327 (06090808)	0.01408 (06090808)	0.01481 (06090808)	0.01538 (06090808)	0.01576 (07080508)
3757721.2	0.01395 (06090808)	0.01505 (06090808)	0.01614 (06090808)	0.01716 (06090808)	0.01801 (06090808)
3757691.2	0.01429 (06090808)	0.01566 (06090808)	0.01711 (06090808)	0.01861 (06090808)	0.02006 (06090808)
3757661.2	0.01420 (06090808)	0.01580 (06090808)	0.01757 (06090808)	0.01950 (06090808)	0.02156 (06090808)
3757631.2	0.01398 (06060508)	0.01532 (06090808)	0.01732 (06090808)	0.01961 (06090808)	0.02219 (06090808)
3757601.2	0.01579 (06060508)	0.01686 (06060508)	0.01795 (06060508)	0.01903 (06060508)	0.02168 (06090808)
3757571.2	0.01706 (06060508)	0.01856 (06060508)	0.02019 (06060508)	0.02198 (06060508)	0.02389 (06060508)
3757541.2	0.01959 (05122608)	0.02103 (05122608)	0.02263 (05122608)	0.02442 (05122608)	0.02660 (06060508)
3757511.2	0.02171 (05122608)	0.02357 (05122608)	0.02569 (05122608)	0.02814 (05122608)	0.03097 (05122608)
3757481.2	0.02249 (05122608)	0.02456 (05122608)	0.02696 (05122608)	0.02976 (05122608)	0.03306 (05122608)
3757451.2	0.02371 (05122608)	0.02371 (05122608)	0.02603 (05122608)	0.02874 (05122608)	0.03194 (05122608)
3757421.2	0.02021 (07011108)	0.02206 (07011108)	0.02418 (07011108)	0.02677 (07011108)	0.02993 (07011108)
3757391.2	0.02023 (07011108)	0.02208 (07011108)	0.02422 (07011108)	0.02668 (07011108)	0.02953 (07011108)
3757361.2	0.01951 (07011108)	0.02110 (07011108)	0.02306 (06032008)	0.02554 (06032008)	0.02866 (07022008)
3757331.2	0.01898 (06032008)	0.02104 (07022008)	0.02340 (07022008)	0.02603 (07022008)	0.02891 (07022008)
3757301.2	0.01942 (07022008)	0.02123 (07022008)	0.02316 (07022008)	0.02644 (06122008)	0.02994 (06122008)
3757271.2	0.01955 (06122008)	0.02199 (06122008)	0.02454 (06122008)	0.02708 (06122008)	0.02949 (06122008)
3757241.2	0.02059 (06122008)	0.02248 (06122008)	0.02425 (06122008)	0.02578 (06122008)	0.02723 (06022308)
3757211.2	0.02040 (06122008)	0.02158 (06122008)	0.02247 (06122008)	0.02438 (06022308)	0.02746 (06053108)
3757181.2	0.01912 (06122008)	0.02018 (06110508)	0.02208 (06053108)	0.02552 (06053108)	0.02838 (06053108)
3757151.2	0.01837 (06022308)	0.02097 (06053108)	0.02376 (06053108)	0.02592 (06053108)	0.02699 (06053108)
3757121.2	0.01990 (06053108)	0.02215 (06053108)	0.02375 (06053108)	0.02437 (06053108)	0.02376 (06053108)
3757091.2	0.02066 (06053108)	0.02183 (06053108)	0.02211 (06053108)	0.02135 (06053108)	0.02111 (05122908)
3757061.2	0.02011 (06053108)	0.02015 (06053108)	0.01928 (06053108)	0.01895 (05122908)	0.02022 (05122908)
3757031.2	0.01842 (06053108)	0.01751 (06053108)	0.01714 (05122908)	0.01826 (05122908)	0.01882 (05122908)
3757001.2	0.01597 (06053108)	0.01559 (05122908)	0.01659 (05122908)	0.01712 (05122908)	0.01708 (05122908)
3756971.2	0.01442 (07070108)	0.01515 (05122908)	0.01566 (05122908)	0.01569 (05122908)	0.01624 (07121308)
3756941.2	0.01390 (05122908)	0.01438 (05122908)	0.01447 (05122908)	0.01461 (07121308)	0.01579 (05112808)

*** AERMOD - VERSION 09292 *** *** Site 14 - CO ***

 10/26/10
 14:37:09
 PAGE 35

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Y-COORD (METERS)	371996.85	372026.85	X-COORD (METERS) 372056.85	372086.85	372116.85
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3756911.2	0.01327 (05122908)	0.01338 (05122908)	0.01319 (07121308)	0.01430 (07121308)	0.01522 (05112808)
3756881.2	0.01242 (05122908)	0.01224 (05122908)	0.01301 (07121308)	0.01390 (05112808)	0.01449 (05112808)
3756851.2	0.01144 (05122908)	0.01187 (07121308)	0.01271 (05112808)	0.01336 (05112808)	0.01366 (05112808)
3756821.2	0.01087 (07121308)	0.01164 (05112808)	0.01233 (05112808)	0.01272 (05112808)	0.01276 (05112808)
3756791.2	0.01072 (07121308)	0.01138 (05112808)	0.01184 (05112808)	0.01200 (05112808)	0.01182 (05112808)
3756761.2	0.01051 (05112808)	0.01101 (05112808)	0.01127 (05112808)	0.01123 (05112808)	0.01089 (05112808)
3756731.2	0.01024 (05112808)	0.01056 (05112808)	0.01064 (05112808)	0.01044 (05112808)	0.00997 (05112808)
3756701.2	0.00990 (05112808)	0.01005 (05112808)	0.00998 (05112808)	0.00965 (05112808)	0.00924 (06021608)
3756671.2	0.00949 (05112808)	0.00951 (05112808)	0.00930 (05112808)	0.00888 (05112808)	0.00876 (06021608)
3756641.2	0.00904 (05112808)	0.00893 (05112808)	0.00863 (05112808)	0.00830 (06021608)	0.00832 (06010008)

*** AERMOD - VERSION 09292 *** *** Site 14 - CO ***

 10/26/10
 14:37:09
 PAGE 36

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Y-COORD (METERS)	372146.85	372176.85	X-COORD (METERS) 372206.85	372236.85	372266.85
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3758111.2	0.00829 (06090608)	0.00972 (06090608)	0.01052 (06090608)	0.01042 (06090608)	0.01020 (06090508)
3758081.2	0.00805 (06042608)	0.00947 (06090608)	0.01064 (06090608)	0.01100 (06090508)	0.01101 (06090508)
3758051.2	0.00833 (06042608)	0.00914 (06090508)	0.01061 (06090608)	0.01152 (06090508)	0.01182 (06090508)
3758021.2	0.00840 (06042608)	0.00891 (06090508)	0.01064 (06090508)	0.01195 (06090508)	0.01261 (06090508)
3757991.2	0.00867 (06090408)	0.00898 (06042608)	0.01057 (06090508)	0.01227 (06090508)	0.01335 (06090508)
3757961.2	0.00997 (06090408)	0.00913 (05011008)	0.01036 (06090508)	0.01245 (06090508)	0.01401 (06090508)
3757931.2	0.01124 (06090408)	0.01042 (06090408)	0.01003 (06090508)	0.01247 (06090508)	0.01455 (06090508)
3757901.2	0.01232 (06090408)	0.01181 (06090408)	0.01106 (06090408)	0.01233 (06090508)	0.01493 (06090508)

Site #14 – Localized CO Concentrations

3757871.2	0.01302 (06090408)	0.01307 (06090408)	0.01257 (06090408)	0.01221 (05011008)	0.01512 (06090508)
3757841.2	0.01322 (06090408)	0.01397 (06090408)	0.01401 (06090408)	0.01365 (06090408)	0.01509 (06090508)
3757811.2	0.01453 (07080508)	0.01465 (07080508)	0.01517 (06090408)	0.01531 (06090408)	0.01559 (05030408)
3757781.2	0.01602 (07080508)	0.01666 (07080508)	0.01679 (07080508)	0.01707 (05082508)	0.01752 (05030408)
3757751.2	0.01726 (07080508)	0.01852 (07080508)	0.01934 (07080508)	0.01946 (07080508)	0.01959 (05030408)
3757721.2	0.01857 (06090808)	0.02004 (07080508)	0.02170 (07080508)	0.02276 (07080508)	0.02288 (07080508)
3757691.2	0.02135 (06090808)	0.02230 (06090808)	0.02357 (07080508)	0.02583 (07080508)	0.02726 (07080508)
3757661.2	0.02365 (06090808)	0.02561 (06090808)	0.02726 (06090808)	0.02827 (06090808)	0.03133 (07080508)
3757631.2	0.02504 (06090808)	0.02809 (06090808)	0.03116 (06090808)	0.03394 (06090808)	0.03599 (06090808)
3757601.2	0.02511 (06090808)	0.02908 (06090808)	0.03354 (06090808)	0.03831 (06090808)	0.04303 (06090808)
3757571.2	0.02592 (06060508)	0.02807 (06090808)	0.03352 (06090808)	0.04002 (06090808)	0.04750 (06090808)
3757541.2	0.02964 (06060508)	0.03312 (06060508)	0.03707 (06060508)	0.04158 (06060508)	0.04745 (06090808)
3757511.2	0.03428 (05122608)	0.03819 (05122608)	0.04289 (05122608)	0.04861 (05122608)	0.05605 (06060508)
3757481.2	0.03698 (05122608)	0.04172 (05122608)	0.04753 (05122608)	0.05479 (05122608)	0.06408 (05122608)
3757451.2	0.03577 (05122608)	0.04041 (05122608)	0.04613 (05122608)	0.05332 (05122608)	0.06261 (05122608)
3757421.2	0.03371 (07011708)	0.03828 (07011708)	0.04388 (07011708)	0.05081 (07011708)	0.05951 (07011708)
3757391.2	0.03285 (07011708)	0.03674 (07011708)	0.04199 (07022008)	0.04951 (07022008)	0.05851 (07022008)
3757361.2	0.03262 (07022008)	0.03714 (07022008)	0.04224 (07022008)	0.04956 (06122008)	0.05803 (06122008)
3757331.2	0.03263 (06122008)	0.03769 (06122008)	0.04297 (06122008)	0.04813 (06122008)	0.05393 (06022308)
3757301.2	0.03351 (06122008)	0.03692 (06122008)	0.03986 (06122008)	0.04503 (06022308)	0.05052 (06053108)
3757271.2	0.03155 (06122008)	0.03446 (06022308)	0.03834 (06053108)	0.04356 (06053108)	0.04637 (06053108)
3757241.2	0.03010 (06022308)	0.03448 (06053108)	0.03813 (06053108)	0.03961 (06053108)	0.04202 (05122908)
3757211.2	0.03121 (06053108)	0.03373 (06053108)	0.03434 (06053108)	0.03566 (05122908)	0.03828 (05122908)
3757181.2	0.03008 (06053108)	0.03012 (06053108)	0.03074 (05122908)	0.03296 (05122908)	0.03401 (07121308)
3757151.2	0.02665 (06053108)	0.02684 (05122908)	0.02875 (05122908)	0.02926 (05122908)	0.03208 (07121308)
3757121.2	0.02370 (05122908)	0.02535 (05122908)	0.02591 (05122908)	0.02767 (07121308)	0.02956 (05112808)
3757091.2	0.02255 (05122908)	0.02313 (05122908)	0.02405 (07121308)	0.02601 (05112808)	0.02683 (05112808)
3757061.2	0.02080 (05122908)	0.02106 (07121308)	0.02296 (05112808)	0.02409 (05112808)	0.02399 (05112808)
3757031.2	0.01868 (05122908)	0.02035 (07121308)	0.02163 (05112808)	0.02197 (05112808)	0.02121 (05112808)
3757001.2	0.01814 (07121308)	0.01944 (05112808)	0.02007 (05112808)	0.01980 (05112808)	0.01858 (05112808)
3756971.2	0.01750 (05112808)	0.01830 (05112808)	0.01839 (05112808)	0.01767 (05112808)	0.01698 (06021608)
3756941.2	0.01668 (05112808)	0.01702 (05112808)	0.01668 (05112808)	0.01568 (06021608)	0.01550 (06021608)

*** AERMOD - VERSION 09292 *** *** Site 14 - CO ***

10/26/10
14:37:09
PAGE 37

***MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOLL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** CONC OF CO IN PPM **

Y-COORD (METERS)			X-COORD (METERS)		
	372146.85	372176.85	372206.85	372236.85	372266.85

3756911.2	0.01571 (05112808)	0.01566 (05112808)	0.01501 (05112808)	0.01450 (06021608)	0.01419 (06011008)
3756881.2	0.01464 (05112808)	0.01428 (05112808)	0.01349 (06021608)	0.01337 (06021608)	0.01319 (06010924)
3756851.2	0.01352 (05112808)	0.01294 (05112808)	0.01258 (06021608)	0.01238 (06011008)	0.01245 (06010924)
3756821.2	0.01240 (05112808)	0.01176 (06021608)	0.01168 (06021608)	0.01147 (06011008)	0.01173 (06010924)
3756791.2	0.01130 (05112808)	0.01104 (06021608)	0.01092 (06011008)	0.01081 (06010924)	0.01104 (06010924)
3756761.2	0.01038 (06021608)	0.01034 (06011008)	0.01020 (06011008)	0.01029 (06010924)	0.01039 (06010924)
3756731.2	0.00979 (06021608)	0.00973 (06011008)	0.00950 (06011008)	0.00975 (06010924)	0.00977 (06010924)
3756701.2	0.00924 (06011008)	0.00915 (06011008)	0.00907 (06010924)	0.00924 (06010924)	0.00919 (06010924)
3756671.2	0.00875 (06011008)	0.00858 (06011008)	0.00866 (06010924)	0.00875 (06010924)	0.00865 (06010924)
3756641.2	0.00826 (06011008)	0.00807 (06010924)	0.00826 (06010924)	0.00829 (06010924)	0.00814 (06010924)

*** AERMOD - VERSION 09292 *** *** Site 14 - CO ***

10/26/10
14:37:09
PAGE 38

***MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOLL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** CONC OF CO IN PPM **

Y-COORD (METERS)			X-COORD (METERS)		
	372296.85	372326.85	372356.85	372386.85	372416.85

3758111.2	0.00961 (06090508)	0.00882 (06090508)	0.00845 (07020524)	0.00878 (07020524)	0.00899 (05101424)
3758081.2	0.01052 (06090508)	0.00973 (06090508)	0.00898 (07020524)	0.00937 (07020524)	0.00961 (05101424)
3758051.2	0.01150 (06090508)	0.01075 (06090508)	0.00976 (06090508)	0.01003 (07020524)	0.01030 (05101424)
3758021.2	0.01254 (06090508)	0.01189 (06090508)	0.01086 (06090508)	0.01077 (07020524)	0.01108 (05101424)
3757991.2	0.01363 (06090508)	0.01215 (06090508)	0.01213 (06090508)	0.01160 (07020524)	0.01196 (05101424)
3757961.2	0.01472 (06090508)	0.01452 (06090508)	0.01359 (06090508)	0.01256 (07020524)	0.01297 (05071408)
3757931.2	0.01580 (06090508)	0.01601 (06090508)	0.01525 (06090508)	0.01382 (06090508)	0.01414 (05071408)
3757901.2	0.01682 (06090508)	0.01757 (06090508)	0.01713 (06090508)	0.01573 (06090508)	0.01547 (05071408)
3757871.2	0.01772 (06090508)	0.01919 (06090508)	0.01923 (06090508)	0.01797 (06090508)	0.01702 (07020524)
3757841.2	0.01845 (06090508)	0.02079 (06090508)	0.02154 (06090508)	0.02062 (06090508)	0.01896 (07020524)
3757811.2	0.01895 (06090508)	0.02232 (06090508)	0.02404 (06090508)	0.02370 (06090508)	0.02159 (06090508)
3757781.2	0.01919 (06090508)	0.02370 (06090508)	0.02668 (06090508)	0.02726 (06090508)	0.02544 (06090508)
3757751.2	0.02085 (05030408)	0.02482 (06090508)	0.02937 (06090508)	0.03134 (06090508)	0.03017 (06090508)
3757721.2	0.02373 (05030408)	0.02563 (06090508)	0.03202 (06090508)	0.03592 (06090508)	0.03597 (06090508)
3757691.2	0.02737 (07080508)	0.02947 (05030408)	0.03452 (06090508)	0.04099 (06090508)	0.04308 (06090508)
3757661.2	0.03334 (07080508)	0.03393 (05030408)	0.03776 (05030408)	0.04658 (06090508)	0.05185 (06090508)
3757631.2	0.03898 (07080508)	0.04208 (07080508)	0.04485 (05030408)	0.05282 (06090508)	0.06280 (06090508)
3757601.2	0.04707 (06090808)	0.05022 (07080508)	0.05527 (07080508)	0.06230 (05030408)	0.07697 (06090508)
3757571.2	0.05559 (06090808)	0.06349 (06090808)	0.06993 (06090808)	0.07600 (05061508)	0.09180 (05030408)
3757541.2	0.05915 (06090808)	0.07316 (06090808)	0.08888 (06090808)	0.10482 (06090808)	0.00000 (00000000)
3757511.2	0.06656 (06060508)	0.08010 (06060508)	0.09835 (06090808)	0.09232 (06090808)	0.00000 (00000000)
3757481.2	0.07634 (05122608)	0.09323 (05122608)	0.11792 (05122608)	0.00000 (00000000)	0.00000 (00000000)
3757451.2	0.07499 (05122608)	0.09224 (05122608)	0.11779 (05122608)	0.00000 (00000000)	0.00000 (00000000)
3757421.2	0.07059 (07011708)	0.08734 (07022008)	0.11179 (05120708)	0.00000 (00000000)	0.00000 (00000000)
3757391.2	0.06992 (05120708)	0.08507 (06122008)	0.10392 (06110508)	0.12725 (07011008)	0.00000 (00000000)
3757361.2	0.06666 (06122008)	0.07812 (06022308)	0.09095 (07011008)	0.10707 (05122908)	0.12212 (07121308)
3757331.2	0.06140 (06022308)	0.06911 (07011008)	0.07954 (05122908)	0.08947 (07121308)	0.09639 (07121308)
3757301.2	0.05546 (06053108)	0.06227 (05122908)	0.06804 (07121308)	0.07577 (07121308)	0.07443 (07121308)
3757271.2	0.05050 (05122908)	0.05438 (05122908)	0.06062 (07121308)	0.06233 (07121308)	0.05713 (06010924)
3757241.2	0.04517 (05122908)	0.04928 (07121308)	0.05232 (07121308)	0.05035 (07121308)	0.04833 (06010924)
3757211.2	0.04066 (07121308)	0.04414 (07121308)	0.04417 (07121308)	0.04067 (06021608)	0.04113 (06010924)
3757181.2	0.03749 (07121308)	0.03861 (07121308)	0.03678 (07121308)	0.03560 (06010924)	0.03523 (06010924)
3757151.2	0.03374 (07121308)	0.03321 (07121308)	0.03107 (06021608)	0.03144 (06010924)	0.03038 (06010924)
3757121.2	0.02983 (07121308)	0.02826 (07121308)	0.02735 (06010924)	0.02782 (06010924)	0.02637 (06010924)
3757091.2	0.02606 (05112808)	0.02471 (06021608)	0.02479 (06010924)	0.02469 (06010924)	0.02315 (07081508)
3757061.2	0.02253 (05112808)	0.02192 (06021608)	0.02246 (06010924)	0.02198 (06010924)	0.02136 (07081508)
3757031.2	0.02025 (06021608)	0.02006 (06010924)	0.02037 (06010924)	0.01964 (06010924)	0.01982 (07081508)
3757001.2	0.01825 (06021608)	0.01850 (06010924)	0.01849 (06010924)	0.01760 (06010924)	0.01847 (06010924)

Site #14 – Localized CO Concentrations

14:37:09
PAGE 42

***MODELOPTs: NonDEFAULT CONC

FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	372596.85	372626.85	372656.85	372686.85	372716.85
3758111.2	0.01231 (07083108)	0.01171 (07083108)	0.01064 (07083108)	0.00994 (05110224)	0.01023 (05110224)
3758081.2	0.01303 (07083108)	0.01226 (07083108)	0.01101 (07083108)	0.01080 (05110224)	0.01101 (05110224)
3758051.2	0.01380 (07083108)	0.01284 (07083108)	0.01137 (07083108)	0.01174 (05110224)	0.01184 (05110224)
3758021.2	0.01464 (07083108)	0.01344 (07083108)	0.01240 (05110224)	0.01275 (05110224)	0.01271 (05110224)
3757991.2	0.01554 (07083108)	0.01406 (07083108)	0.01362 (05110224)	0.01384 (05110224)	0.01361 (05110224)
3757961.2	0.01652 (07083108)	0.01470 (07083108)	0.01497 (05110224)	0.01500 (05110224)	0.01453 (05110224)
3757931.2	0.01757 (07083108)	0.01602 (05110224)	0.01645 (05110224)	0.01623 (05110224)	0.01546 (05110224)
3757901.2	0.01870 (07083108)	0.01787 (05110224)	0.01805 (05110224)	0.01750 (05110224)	0.01635 (05110224)
3757871.2	0.01992 (07083108)	0.01994 (05110224)	0.01977 (05110224)	0.01878 (05110224)	0.01718 (05110224)
3757841.2	0.02175 (05110224)	0.02223 (05110224)	0.02158 (05110224)	0.02003 (05110224)	0.01789 (05110224)
3757811.2	0.02476 (05110224)	0.02476 (05110224)	0.02344 (05110224)	0.02118 (05110224)	0.01908 (05092224)
3757781.2	0.02822 (05110224)	0.02747 (05110224)	0.02526 (05110224)	0.02216 (05110224)	0.02097 (05071708)
3757751.2	0.03213 (05110224)	0.03032 (05110224)	0.02695 (05110224)	0.02458 (05092224)	0.02390 (05071708)
3757721.2	0.03649 (05110224)	0.03316 (05110224)	0.02929 (05092224)	0.02810 (05071708)	0.02643 (05071708)
3757691.2	0.04118 (05110224)	0.03579 (05110224)	0.03362 (05071708)	0.03151 (05071708)	0.02815 (06101508)
3757661.2	0.04599 (05110224)	0.04112 (05071708)	0.03834 (05071708)	0.03404 (06101508)	0.03291 (06101008)
3757631.2	0.05196 (05092224)	0.04808 (05071708)	0.04228 (06101008)	0.04037 (06101008)	0.03750 (06042824)
3757601.2	0.06248 (05071708)	0.05483 (06101008)	0.05068 (06101008)	0.04589 (06042824)	0.04049 (07111724)
3757571.2	0.07435 (06101008)	0.06568 (07111724)	0.05811 (07111724)	0.05067 (07111724)	0.04384 (07111724)
3757541.2	0.09238 (07122824)	0.07698 (07111724)	0.06364 (07111724)	0.05344 (05090224)	0.04632 (05090224)
3757511.2	0.10426 (07122824)	0.08093 (05121424)	0.06614 (05121424)	0.05468 (05121424)	0.04569 (05121424)
3757481.2	0.10802 (06060808)	0.08388 (06060808)	0.06721 (06060808)	0.05512 (06060808)	0.04605 (06060808)
3757451.2	0.10948 (06050308)	0.08457 (06050308)	0.06767 (06050308)	0.05558 (06050308)	0.04658 (06050308)
3757421.2	0.09710 (07090708)	0.07828 (07090708)	0.06439 (07090708)	0.05380 (07090708)	0.04553 (07090708)
3757391.2	0.08916 (06051408)	0.06956 (06051408)	0.05509 (07090708)	0.04813 (07090708)	0.04222 (07090708)
3757361.2	0.07598 (05012908)	0.06246 (05012908)	0.05153 (06051408)	0.04193 (06051408)	0.03499 (06030808)
3757331.2	0.06339 (05012908)	0.05644 (05012908)	0.04800 (05012908)	0.03969 (05012908)	0.03339 (06051408)
3757301.2	0.04966 (05012908)	0.04780 (05012908)	0.04358 (05012908)	0.03812 (05012908)	0.03243 (05012908)
3757271.2	0.04064 (05120308)	0.03878 (05012908)	0.03767 (05012908)	0.03485 (05012908)	0.03107 (05012908)
3757241.2	0.03751 (05120308)	0.03060 (05012908)	0.03141 (05012908)	0.03064 (05012908)	0.02864 (05012908)
3757211.2	0.03408 (05120308)	0.02924 (05120308)	0.02555 (05012908)	0.02613 (05012908)	0.02554 (05012908)
3757181.2	0.03064 (05120308)	0.02749 (05120308)	0.02312 (05120308)	0.02177 (05012908)	0.02218 (05012908)
3757151.2	0.02738 (05120308)	0.02549 (05120308)	0.02233 (05120308)	0.01854 (07090808)	0.01885 (05012908)
3757121.2	0.02439 (05120308)	0.02340 (05120308)	0.02124 (05120308)	0.01829 (05120308)	0.01727 (07090808)
3757091.2	0.02169 (05120308)	0.02135 (05120308)	0.01996 (05120308)	0.01776 (05120308)	0.01664 (07090808)
3757061.2	0.01931 (05120308)	0.01940 (05120308)	0.01860 (05120308)	0.01703 (05120308)	0.01537 (07090808)
3757031.2	0.01722 (05120308)	0.01759 (05120308)	0.01723 (05120308)	0.01617 (05120308)	0.01456 (05120308)
3757001.2	0.01539 (05120308)	0.01594 (05120308)	0.01589 (05120308)	0.01523 (05120308)	0.01404 (05120308)
3756971.2	0.01379 (05120308)	0.01444 (05120308)	0.01461 (05120308)	0.01426 (05120308)	0.01342 (05120308)
3756941.2	0.01241 (05120308)	0.01310 (05120308)	0.01342 (05120308)	0.01330 (05120308)	0.01275 (05120308)

*** AERMOD - VERSION 09292 *** Site 14 - CO

10/26/10
14:37:09
PAGE 43

***MODELOPTs: NonDEFAULT CONC

FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	372596.85	372626.85	372656.85	372686.85	372716.85
3756911.2	0.01120 (05120308)	0.01190 (05120308)	0.01232 (05120308)	0.01237 (05120308)	0.01204 (05120308)
3756881.2	0.01027 (07022824)	0.01084 (05120308)	0.01131 (05120308)	0.01148 (05120308)	0.01133 (05120308)
3756851.2	0.00956 (07022824)	0.00989 (05120308)	0.01039 (05120308)	0.01065 (05120308)	0.01063 (05120308)
3756821.2	0.00892 (07022824)	0.00905 (05120308)	0.00955 (05120308)	0.00987 (05120308)	0.00995 (05120308)
3756791.2	0.00834 (07022824)	0.00830 (05120308)	0.00880 (05120308)	0.00915 (05120308)	0.00931 (05120308)
3756761.2	0.00780 (07022824)	0.00773 (07022824)	0.00812 (05120308)	0.00849 (05120308)	0.00870 (05120308)
3756731.2	0.00732 (07022824)	0.00729 (07022824)	0.00751 (05120308)	0.00788 (05120308)	0.00812 (05120308)
3756701.2	0.00688 (07022824)	0.00687 (07022824)	0.00695 (05120308)	0.00733 (05120308)	0.00759 (05120308)
3756671.2	0.00654 (07081424)	0.00649 (07022824)	0.00645 (05120308)	0.00682 (05120308)	0.00710 (05120308)
3756641.2	0.00630 (07081424)	0.00614 (07022824)	0.00607 (07022824)	0.00635 (05120308)	0.00664 (05120308)

*** AERMOD - VERSION 09292 *** Site 14 - CO

10/26/10
14:37:09
PAGE 44

***MODELOPTs: NonDEFAULT CONC

FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	372746.85	372776.85	372806.85	372836.85	372866.85
3758111.2	0.01026 (05110224)	0.01005 (05110224)	0.00974 (05082808)	0.00999 (05082808)	0.00948 (05082808)
3758081.2	0.01093 (05110224)	0.01058 (05110224)	0.01031 (05082808)	0.01012 (05082808)	0.00918 (05082808)
3758051.2	0.01161 (05110224)	0.01111 (05110224)	0.01067 (05082808)	0.01000 (05082808)	0.00868 (05082808)
3758021.2	0.01231 (05110224)	0.01162 (05110224)	0.01077 (05082808)	0.00973 (05110224)	0.00928 (05092224)
3757991.2	0.01299 (05110224)	0.01209 (05110224)	0.01100 (05110224)	0.01019 (05092224)	0.01000 (06051624)
3757961.2	0.01366 (05110224)	0.01250 (05110224)	0.01123 (05092224)	0.01091 (05092224)	0.01096 (06051624)
3757931.2	0.01427 (05110224)	0.01284 (05110224)	0.01213 (05092224)	0.01199 (06051624)	0.01183 (06051624)
3757901.2	0.01481 (05110224)	0.01355 (05092224)	0.01319 (06051624)	0.01306 (06051624)	0.01269 (05071708)
3757871.2	0.01523 (05110224)	0.01465 (05092224)	0.01451 (06051624)	0.01415 (05071708)	0.01352 (05071708)
3757841.2	0.01665 (05092224)	0.01623 (06051624)	0.01589 (05071708)	0.01514 (05071708)	0.01404 (05071708)
3757811.2	0.01834 (05071708)	0.01801 (05071708)	0.01712 (05071708)	0.01577 (05071708)	0.01493 (06101008)
3757781.2	0.02063 (05071708)	0.01954 (05071708)	0.01788 (05071708)	0.01708 (06101008)	0.01701 (06101008)
3757751.2	0.02256 (05071708)	0.02049 (05071708)	0.01974 (06101008)	0.01947 (06101008)	0.01876 (06042824)
3757721.2	0.02378 (05071708)	0.02308 (06101008)	0.02249 (06101008)	0.02155 (06042824)	0.02043 (06042824)

Site #14 – Localized CO Concentrations

NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOLL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	372896.85	372926.85	X-COORD (METERS) 372956.85	372986.85	373016.85
3756911.2	0.01151 (07090808)	0.00980 (07090808)	0.00815 (05012908)	0.00814 (05012908)	0.00800 (05012908)
3756881.2	0.01199 (07090808)	0.01071 (07090808)	0.00901 (07090808)	0.00753 (05012908)	0.00751 (05012908)
3756851.2	0.01206 (07090808)	0.01130 (07090808)	0.00995 (07090808)	0.00829 (07090808)	0.00697 (05012908)
3756821.2	0.01177 (07090808)	0.01154 (07090808)	0.01063 (07090808)	0.00924 (07090808)	0.00762 (07090808)
3756791.2	0.01115 (07090808)	0.01143 (07090808)	0.01100 (07090808)	0.00998 (07090808)	0.00857 (07090808)
3756761.2	0.01030 (07090808)	0.01101 (07090808)	0.01105 (07090808)	0.01045 (07090808)	0.00935 (07090808)
3756731.2	0.00930 (07090808)	0.01033 (07090808)	0.01080 (07090808)	0.01063 (07090808)	0.00990 (07090808)
3756701.2	0.00823 (07090808)	0.00948 (07090808)	0.01029 (07090808)	0.01053 (07090808)	0.01019 (07090808)
3756671.2	0.00715 (07090808)	0.00852 (07090808)	0.00958 (07090808)	0.01017 (07090808)	0.01022 (07090808)
3756641.2	0.00667 (05102308)	0.00752 (07090808)	0.00874 (07090808)	0.00961 (07090808)	0.01000 (07090808)

*** AERMOD - VERSION 09292 *** *** Site 14 - CO *** 10/26/10
*** *** *** 14:37:09
*** *** *** PAGE 48

***MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOLL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	373046.85	373076.85	X-COORD (METERS) 373106.85	373136.85	373166.85
3758111.2	0.00717 (06051624)	0.00699 (05071708)	0.00679 (05071708)	0.00651 (05071708)	0.00615 (05071708)
3758081.2	0.00751 (05071708)	0.00728 (05071708)	0.00696 (05071708)	0.00656 (05071708)	0.00681 (05082708)
3758051.2	0.00784 (05071708)	0.00747 (05071708)	0.00702 (05071708)	0.00738 (05082708)	0.00817 (05082708)
3758021.2	0.00805 (05071708)	0.00753 (05071708)	0.00802 (05082708)	0.00884 (05082708)	0.00958 (05082708)
3757991.2	0.00812 (06101508)	0.00873 (05082708)	0.00957 (05082708)	0.01030 (05082708)	0.01087 (05082708)
3757961.2	0.00952 (05082708)	0.01037 (05082708)	0.01108 (05082708)	0.01158 (05082708)	0.01183 (05082708)
3757931.2	0.01125 (05082708)	0.01192 (05082708)	0.01233 (05082708)	0.01244 (05082708)	0.01226 (05082708)
3757901.2	0.01281 (05082708)	0.01310 (05082708)	0.01305 (05082708)	0.01268 (05082708)	0.01203 (05082708)
3757871.2	0.01388 (05082708)	0.01363 (05082708)	0.01305 (05082708)	0.01219 (05082708)	0.01113 (05082708)
3757841.2	0.01418 (05082708)	0.01335 (05082708)	0.01227 (05082708)	0.01102 (05082708)	0.00972 (05082708)
3757811.2	0.01358 (05082708)	0.01225 (05082708)	0.01082 (05082708)	0.01017 (06090924)	0.00972 (05082424)
3757781.2	0.01237 (06042824)	0.01163 (06090924)	0.01105 (05082424)	0.01051 (05082424)	0.01018 (05090224)
3757751.2	0.01271 (05082424)	0.01203 (05082424)	0.01171 (05090224)	0.01147 (05090224)	0.01116 (05090224)
3757721.2	0.01363 (05090224)	0.01326 (05090224)	0.01281 (05090224)	0.01230 (05090224)	0.01175 (05090224)
3757691.2	0.01486 (05090224)	0.01414 (05090224)	0.01339 (05090224)	0.01263 (05090224)	0.01187 (05090224)
3757661.2	0.01539 (05090224)	0.01435 (05090224)	0.01335 (05090224)	0.01239 (05090224)	0.01147 (05090224)
3757631.2	0.01509 (05090224)	0.01383 (05090224)	0.01267 (05090224)	0.01159 (05090224)	0.01084 (05121424)
3757601.2	0.01423 (05121424)	0.01318 (05121424)	0.01222 (05121424)	0.01135 (05121424)	0.01055 (05121424)
3757571.2	0.01372 (05121424)	0.01260 (05121424)	0.01159 (05121424)	0.01068 (05121424)	0.01012 (07120224)
3757541.2	0.01370 (07120224)	0.01283 (07120224)	0.01205 (07120224)	0.01133 (07120224)	0.01067 (07120224)
3757511.2	0.01425 (07120224)	0.01326 (07120224)	0.01237 (07120224)	0.01157 (07120224)	0.01085 (07120224)
3757481.2	0.01413 (07120224)	0.01310 (07120224)	0.01219 (07120224)	0.01138 (07120224)	0.01064 (07120224)
3757451.2	0.01337 (07120224)	0.01241 (07120224)	0.01155 (07120224)	0.01078 (07120224)	0.01009 (07120224)
3757421.2	0.01405c (06072908)	0.01301c (06072908)	0.01209c (06072908)	0.01126c (06072908)	0.01052c (06072908)
3757391.2	0.01429c (06072908)	0.01330c (06072908)	0.01240c (06072908)	0.01160c (06072908)	0.01086c (06072908)
3757361.2	0.01384c (06072908)	0.01298c (06072908)	0.01220c (06072908)	0.01147c (06072908)	0.01081c (06072908)
3757331.2	0.01311 (07090708)	0.01226 (07090708)	0.01150c (06072908)	0.01092c (06072908)	0.01037c (06072908)
3757301.2	0.01225 (07090708)	0.01159 (07090708)	0.01096 (07090708)	0.01037 (07090708)	0.00981 (07090708)
3757271.2	0.01101 (07090708)	0.01055 (07090708)	0.01010 (07090708)	0.00966 (07090708)	0.00923 (07090708)
3757241.2	0.01042 (05070208)	0.00943 (05070208)	0.00901 (07090708)	0.00873 (07090708)	0.00843 (07090708)
3757211.2	0.01080 (05070208)	0.00992 (05070208)	0.00909 (05070208)	0.00829 (05070208)	0.00756 (05070208)
3757181.2	0.01077 (05070208)	0.01008 (05070208)	0.00938 (05070208)	0.00869 (05070208)	0.00801 (05070208)
3757151.2	0.01034 (05070208)	0.00988 (05070208)	0.00937 (05070208)	0.00882 (05070208)	0.00825 (05070208)
3757121.2	0.00958 (05070208)	0.00936 (05070208)	0.00904 (05070208)	0.00867 (05070208)	0.00825 (05070208)
3757091.2	0.00862 (06051408)	0.00857 (05070208)	0.00846 (05070208)	0.00826 (05070208)	0.00800 (05070208)
3757061.2	0.00855 (06051408)	0.00818 (07091108)	0.00800 (07091108)	0.00765 (05070208)	0.00754 (05070208)
3757031.2	0.00837 (05012908)	0.00788 (06051408)	0.00774 (07091108)	0.00770 (07091108)	0.00744 (07091108)
3757001.2	0.00836 (05012908)	0.00772 (05012908)	0.00728 (06051408)	0.00728 (07091108)	0.00736 (07091108)
3756971.2	0.00826 (05012908)	0.00771 (05012908)	0.00715 (05012908)	0.00674 (06051408)	0.00682 (07091108)
3756941.2	0.00805 (05012908)	0.00762 (05012908)	0.00714 (05012908)	0.00665 (05012908)	0.00626 (06051408)

*** AERMOD - VERSION 09292 *** *** Site 14 - CO *** 10/26/10
*** *** *** 14:37:09
*** *** *** PAGE 49

***MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOLL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	373046.85	373076.85	X-COORD (METERS) 373106.85	373136.85	373166.85
3756911.2	0.00776 (05012908)	0.00743 (05012908)	0.00705 (05012908)	0.00663 (05012908)	0.00620 (05012908)
3756881.2	0.00738 (05012908)	0.00720 (06081608)	0.00693 (06081608)	0.00655 (05012908)	0.00618 (05012908)
3756851.2	0.00695 (05012908)	0.00688 (06081608)	0.00694 (06081608)	0.00670 (06081608)	0.00621 (06081608)
3756821.2	0.00648 (05012908)	0.00646 (05012908)	0.00664 (06081608)	0.00671 (06081608)	0.00650 (06081608)
3756791.2	0.00702 (07090808)	0.00605 (05012908)	0.00607 (06081608)	0.00642 (06081608)	0.00649 (06081608)
3756761.2	0.00795 (07090808)	0.00647 (07090808)	0.00566 (05012908)	0.00588 (06081608)	0.00621 (06081608)
3756731.2	0.00874 (07090808)	0.00737 (07090808)	0.00596 (07090808)	0.00530 (05012908)	0.00570 (06081608)
3756701.2	0.00935 (07090808)	0.00817 (07090808)	0.00684 (07090808)	0.00551 (07090808)	0.00505 (06081608)
3756671.2	0.00973 (07090808)	0.00882 (07090808)	0.00764 (07090808)	0.00635 (07090808)	0.00509 (07090808)
3756641.2	0.00987 (07090808)	0.00927 (07090808)	0.00831 (07090808)	0.00713 (07090808)	0.00589 (07090808)

*** AERMOD - VERSION 09292 *** *** Site 14 - CO *** 10/26/10
*** *** *** 14:37:09
*** *** *** PAGE 50

***MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

Site #14 – Localized CO Concentrations

INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO		IN PPM		**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372149.67	3757202.57	0.03140	(06053108)	372200.97	3757196.42	0.03186	(06053108)
372734.43	3757083.57	0.01637	(07090808)	372746.74	3757147.17	0.01877	(05012908)
372767.26	3757192.31	0.02165	(05012908)	372894.46	3757118.45	0.01347	(05012908)
372371.27	3757725.77	0.03375	(06090508)				

*** AERMOD - VERSION 09292 *** *** Site 14 - CO *** 10/26/10
 *** *** *** 14:37:09
 *** *** *** PAGE 51

**MODELOPTs: NonDEFAULT CONC

FLAT
NODRYDPLT NOWETDPLT

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

** CONC OF CO		IN PPM		**	
GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	0.26626 ON 05082707: AT (	372566.85, 3757511.16, 10.00, 10.00, 0.00)	GC	UCART1

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

*** AERMOD - VERSION 09292 *** *** Site 14 - CO *** 10/26/10
 *** *** *** 14:37:09
 *** *** *** PAGE 52

**MODELOPTs: NonDEFAULT CONC

FLAT
NODRYDPLT NOWETDPLT

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

** CONC OF CO		IN PPM		**	
GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	0.12725 ON 07011008: AT (	372386.85, 3757391.16, 10.00, 10.00, 0.00)	GC	UCART1

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

*** AERMOD - VERSION 09292 *** *** Site 14 - CO *** 10/26/10
 *** *** *** 14:37:09
 *** *** *** PAGE 53

**MODELOPTs: NonDEFAULT CONC

FLAT
NODRYDPLT NOWETDPLT

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

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

A Total of 0 Fatal Error Message(s)
 A Total of 0 Warning Message(s)
 A Total of 152 Informational Message(s)
 A Total of 26280 Hours Were Processed
 A Total of 15 Calm Hours Identified
 A Total of 137 Missing Hours Identified (0.52 Percent)

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

***** WARNING MESSAGES *****
 *** NONE ***

 *** AERMOD Finishes Successfully ***

Site #14 – Localized NO₂ Concentrations

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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 6.7.1
** Lakes Environmental Software Inc.
** Date: 10/26/2010
** File: C:\Documents and Settings\jbailey\Desktop\Site 14\NO2.ADI
**
*****
**
**
** AERMOD Control Pathway
*****
**
**
CO STARTING
TITLEONE Site 14 - NO2
MODELOPT CONC NODRYDPLT NOWETDPLT FLAT
AVERTIME 1 ANNUAL
URBANOPT 9862049 Los_Angeles_County
POLLUTID NOX
RUNORNOT RUN
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION VOL1 VOLUME 372476.980 3757462.370 0.0
** DESCRSRC Equipment
** Source Parameters **
SRCPARAM VOL1 0.0798 4.100 46.783 1.163
URBANSRC VOL1
CONCUNIT 531.5 GRAMS/SEC PPM
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
GRIDCART UCART1 STA
XYINC 371694.48 50 30.00 3756656.71 50 30.00
GRIDCART UCART1 END
** DESCRREC ** **
DISCCART 372149.67 3757202.57
DISCCART 372200.97 3757196.42
DISCCART 372734.43 3757083.57
DISCCART 372746.74 3757147.17
DISCCART 372767.26 3757192.31
DISCCART 372894.46 3757118.45
DISCCART 372371.27 3757725.77
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
SURFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC"
PROFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL"
SURFDATA 0 2005
UAIRDATA 3190 2005
PROFBASE 10 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 1 1ST
** Auto-Generated Plotfiles
PLOTFILE 1 ALL 1ST NO2.AD\01HIGALL.PLT
PLOTFILE ANNUAL ALL NO2.AD\AN00GALL.PLT
OU FINISHED

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

*** AERMOD - VERSION 09292 *** *** Site 14 - NO2 *** 10/26/10
*** *** *** 14:41:17
*** *** *** PAGE 1

**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** MODEL SETUP OPTIONS SUMMARY ***
-----
**Model Is Setup For Calculation of Average CONcentration Values.
-- DEPOSITION LOGIC --
**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION. DRYDPLT = F
**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 1 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 9862049.0 ; Urban Roughness Length = 1.000 m
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Site #14 – Localized NO₂ Concentrations

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**Model Allows User-Specified Options:
  1. Stack-tip Downwash.
  2. Model Assumes Receptors on FLAT Terrain.
  3. Use Calms Processing Routine.
  4. Use Missing Data Processing Routine.
  5. No Exponential Decay.
  6. Urban Roughness Length of 1.0 Meter Used.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates 1 Short Term Average(s) of:  1-HR
and Calculates ANNUAL Averages

**This Run Includes:      1 Source(s);      1 Source Group(s); and      2507 Receptor(s)

**The Model Assumes A Pollutant Type of:  NOX

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

**Output Options Selected:
  Model Outputs Tables of ANNUAL Averages by Receptor
  Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
  Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

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

**Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =  10.00 ; Decay Coef. =  0.000 ; Rot. Angle =  0.0
                  Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =  531.50
                  Output Units = PPM

**Approximate Storage Requirements of Model =  3.8 MB of RAM.

*** AERMOD - VERSION 09292 ***      *** Site 14 - NO2      ***      10/26/10
***                                     ***                                     ***      14:41:17
***                                     ***                                     ***      PAGE  2

**MODELOPTs:  NonDEFAULT CONC      FLAT
NODRYDPLT NOWETDPLT

*** VOLUME SOURCE DATA ***

SOURCE  NUMBER EMISSION RATE      X      Y      BASE  RELEASE  INIT.  INIT.  URBAN  EMISSION RATE
ID      PART. (USER UNITS)      (METERS) (METERS) (METERS) (METERS) (METERS) (METERS) SOURCE  SCALAR VARY
-----
VOL1    0  0.79800E-01  372477.0 3757462.4  10.0  4.10  46.78  1.16  YES
*** AERMOD - VERSION 09292 ***      *** Site 14 - NO2      ***      10/26/10
***                                     ***                                     ***      14:41:17
***                                     ***                                     ***      PAGE  3

**MODELOPTs:  NonDEFAULT CONC      FLAT
NODRYDPLT NOWETDPLT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID      SOURCE IDs

ALL      VOL1 ,
*** AERMOD - VERSION 09292 ***      *** Site 14 - NO2      ***      10/26/10
***                                     ***                                     ***      14:41:17
***                                     ***                                     ***      PAGE  4

**MODELOPTs:  NonDEFAULT CONC      FLAT
NODRYDPLT NOWETDPLT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)
371694.5, 371724.5, 371754.5, 371784.5, 371814.5, 371844.5, 371874.5, 371904.5, 371934.5, 371964.5,
371994.5, 372024.5, 372054.5, 372084.5, 372114.5, 372144.5, 372174.5, 372204.5, 372234.5, 372264.5,
372294.5, 372324.5, 372354.5, 372384.5, 372414.5, 372444.5, 372474.5, 372504.5, 372534.5, 372564.5,
372594.5, 372624.5, 372654.5, 372684.5, 372714.5, 372744.5, 372774.5, 372804.5, 372834.5, 372864.5,
372894.5, 372924.5, 372954.5, 372984.5, 373014.5, 373044.5, 373074.5, 373104.5, 373134.5, 373164.5,

*** Y-COORDINATES OF GRID ***
(METERS)
3756656.7, 3756686.7, 3756716.7, 3756746.7, 3756776.7, 3756806.7, 3756836.7, 3756866.7, 3756896.7, 3756926.7,
3756956.7, 3756986.7, 3757016.7, 3757046.7, 3757076.7, 3757106.7, 3757136.7, 3757166.7, 3757196.7, 3757226.7,
3757256.7, 3757286.7, 3757316.7, 3757346.7, 3757376.7, 3757406.7, 3757436.7, 3757466.7, 3757496.7, 3757526.7,
3757556.7, 3757586.7, 3757616.7, 3757646.7, 3757676.7, 3757706.7, 3757736.7, 3757766.7, 3757796.7, 3757826.7,
3757856.7, 3757886.7, 3757916.7, 3757946.7, 3757976.7, 3758006.7, 3758036.7, 3758066.7, 3758096.7, 3758126.7,

*** AERMOD - VERSION 09292 ***      *** Site 14 - NO2      ***      10/26/10
***                                     ***                                     ***      14:41:17
***                                     ***                                     ***      PAGE  5

**MODELOPTs:  NonDEFAULT CONC      FLAT
NODRYDPLT NOWETDPLT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZLEV, ZHILL, ZFLAG)
(METERS)
( 372149.7, 3757202.6, 10.0, 10.0, 0.0); ( 372201.0, 3757196.4, 10.0, 10.0, 0.0);
( 372734.4, 3757083.6, 10.0, 10.0, 0.0); ( 372746.7, 3757147.2, 10.0, 10.0, 0.0);
( 372767.3, 3757192.3, 10.0, 10.0, 0.0); ( 372894.5, 3757118.4, 10.0, 10.0, 0.0);
( 372371.3, 3757725.8, 10.0, 10.0, 0.0);

*** AERMOD - VERSION 09292 ***      *** Site 14 - NO2      ***      10/26/10
***                                     ***                                     ***      14:41:17
***                                     ***                                     ***      PAGE  6

**MODELOPTs:  NonDEFAULT CONC      FLAT
NODRYDPLT NOWETDPLT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
  LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

```


Site #14 – Localized NO₂ Concentrations

First hour of profile data

YR	MO	DAY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
05	01	01	01	5.5	0	-999.	-99.00	282.6	99.0	-99.00	-99.00
05	01	01	01	9.1	1	52.	1.10	-999.0	99.0	-99.00	-99.00

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

*** AERMOD - VERSION 09292 *** *** Site 14 - NO2 *** 10/26/10
 *** *** *** *** 14:41:17
 *** *** *** *** PAGE 9

**MODELOPTs: NonDEFAULT CONC

FLAT
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	X-COORD (METERS)								
	371694.48	371724.48	371754.48	371784.48	371814.48	371844.48	371874.48	371904.48	371934.48
3758126.71	0.00005	0.00005	0.00005	0.00006	0.00006	0.00006	0.00006	0.00007	0.00007
3758096.71	0.00005	0.00005	0.00006	0.00006	0.00006	0.00006	0.00007	0.00007	0.00007
3758066.71	0.00005	0.00006	0.00006	0.00006	0.00006	0.00007	0.00007	0.00007	0.00008
3758036.71	0.00006	0.00006	0.00006	0.00006	0.00007	0.00007	0.00007	0.00008	0.00008
3758006.71	0.00006	0.00006	0.00006	0.00007	0.00007	0.00007	0.00007	0.00008	0.00008
3757976.71	0.00006	0.00006	0.00006	0.00007	0.00007	0.00007	0.00007	0.00008	0.00009
3757946.71	0.00006	0.00006	0.00007	0.00007	0.00007	0.00008	0.00008	0.00009	0.00009
3757916.71	0.00006	0.00007	0.00007	0.00007	0.00008	0.00008	0.00009	0.00009	0.00009
3757886.71	0.00007	0.00007	0.00007	0.00008	0.00008	0.00008	0.00009	0.00009	0.00010
3757856.71	0.00007	0.00007	0.00007	0.00008	0.00008	0.00009	0.00009	0.00010	0.00010
3757826.71	0.00007	0.00007	0.00008	0.00008	0.00009	0.00009	0.00010	0.00010	0.00011
3757796.71	0.00007	0.00008	0.00008	0.00008	0.00009	0.00009	0.00010	0.00011	0.00011
3757766.71	0.00007	0.00008	0.00008	0.00009	0.00009	0.00010	0.00011	0.00011	0.00012
3757736.71	0.00008	0.00008	0.00009	0.00009	0.00010	0.00010	0.00011	0.00012	0.00013
3757706.71	0.00008	0.00008	0.00009	0.00009	0.00010	0.00011	0.00011	0.00012	0.00013
3757676.71	0.00008	0.00009	0.00009	0.00010	0.00011	0.00011	0.00012	0.00013	0.00014
3757646.71	0.00009	0.00009	0.00010	0.00010	0.00011	0.00012	0.00013	0.00013	0.00015
3757616.71	0.00009	0.00009	0.00010	0.00011	0.00011	0.00012	0.00013	0.00014	0.00015
3757586.71	0.00009	0.00010	0.00010	0.00011	0.00012	0.00013	0.00014	0.00015	0.00016
3757556.71	0.00009	0.00010	0.00011	0.00011	0.00012	0.00013	0.00014	0.00016	0.00017
3757526.71	0.00010	0.00010	0.00011	0.00012	0.00013	0.00014	0.00015	0.00016	0.00018
3757496.71	0.00010	0.00011	0.00012	0.00012	0.00013	0.00014	0.00016	0.00017	0.00019
3757466.71	0.00010	0.00011	0.00012	0.00013	0.00014	0.00015	0.00016	0.00018	0.00020
3757436.71	0.00011	0.00012	0.00012	0.00013	0.00014	0.00016	0.00017	0.00019	0.00020
3757406.71	0.00011	0.00012	0.00013	0.00014	0.00015	0.00016	0.00018	0.00019	0.00021
3757376.71	0.00012	0.00012	0.00013	0.00014	0.00016	0.00017	0.00018	0.00020	0.00022
3757346.71	0.00012	0.00013	0.00014	0.00015	0.00016	0.00018	0.00019	0.00021	0.00023
3757316.71	0.00012	0.00013	0.00014	0.00015	0.00017	0.00018	0.00020	0.00022	0.00024
3757286.71	0.00013	0.00014	0.00015	0.00016	0.00017	0.00019	0.00020	0.00022	0.00025
3757256.71	0.00013	0.00014	0.00015	0.00016	0.00018	0.00019	0.00021	0.00023	0.00025
3757226.71	0.00013	0.00014	0.00015	0.00016	0.00018	0.00019	0.00021	0.00023	0.00025
3757196.71	0.00013	0.00014	0.00015	0.00017	0.00018	0.00019	0.00021	0.00023	0.00025
3757166.71	0.00014	0.00015	0.00016	0.00017	0.00018	0.00019	0.00021	0.00023	0.00024
3757136.71	0.00014	0.00015	0.00016	0.00017	0.00018	0.00019	0.00021	0.00022	0.00024
3757106.71	0.00014	0.00015	0.00015	0.00017	0.00018	0.00019	0.00020	0.00021	0.00023
3757076.71	0.00014	0.00014	0.00015	0.00016	0.00017	0.00018	0.00019	0.00021	0.00022
3757046.71	0.00013	0.00014	0.00015	0.00016	0.00017	0.00018	0.00019	0.00020	0.00021
3757016.71	0.00013	0.00014	0.00015	0.00015	0.00016	0.00017	0.00018	0.00019	0.00019
3756986.71	0.00013	0.00014	0.00014	0.00015	0.00016	0.00016	0.00017	0.00018	0.00018
3756956.71	0.00013	0.00013	0.00014	0.00014	0.00015	0.00015	0.00016	0.00017	0.00017

*** AERMOD - VERSION 09292 *** *** Site 14 - NO2 *** 10/26/10
 *** *** *** *** 14:41:17
 *** *** *** *** PAGE 10

**MODELOPTs: NonDEFAULT CONC

FLAT
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	X-COORD (METERS)								
	371694.48	371724.48	371754.48	371784.48	371814.48	371844.48	371874.48	371904.48	371934.48
3756926.71	0.00012	0.00013	0.00013	0.00014	0.00014	0.00015	0.00015	0.00016	0.00016
3756896.71	0.00012	0.00012	0.00013	0.00013	0.00013	0.00014	0.00014	0.00015	0.00015
3756866.71	0.00011	0.00012	0.00012	0.00012	0.00013	0.00013	0.00013	0.00014	0.00014
3756836.71	0.00011	0.00011	0.00012	0.00012	0.00012	0.00012	0.00013	0.00013	0.00013
3756806.71	0.00010	0.00011	0.00011	0.00011	0.00011	0.00012	0.00012	0.00012	0.00012
3756776.71	0.00010	0.00010	0.00010	0.00011	0.00011	0.00011	0.00011	0.00011	0.00011
3756746.71	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010
3756716.71	0.00009	0.00009	0.00009	0.00009	0.00010	0.00010	0.00010	0.00010	0.00010
3756686.71	0.00009	0.00009	0.00009	0.00009	0.00009	0.00009	0.00009	0.00009	0.00009
3756656.71	0.00008	0.00008	0.00008	0.00008	0.00008	0.00009	0.00009	0.00009	0.00009

*** AERMOD - VERSION 09292 *** *** Site 14 - NO2 *** 10/26/10
 *** *** *** *** 14:41:17
 *** *** *** *** PAGE 11

**MODELOPTs: NonDEFAULT CONC

FLAT
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	X-COORD (METERS)								
	371964.48	371994.48	372024.48	372054.48	372084.48	372114.48	372144.48	372174.48	372204.48
3758126.71	0.00007	0.00008	0.00008	0.00008	0.00009	0.00009	0.00009	0.00010	0.00010
3758096.71	0.00008	0.00008	0.00008	0.00009	0.00009	0.00009	0.00010	0.00010	0.00011
3758066.71	0.00008	0.00008	0.00009	0.00009	0.00010	0.00010	0.00010	0.00011	0.00011
3758036.71	0.00008	0.00009	0.00009	0.00010	0.00010	0.00011	0.00011	0.00011	0.00012
3758006.71	0.00009	0.00009	0.00010	0.00010	0.00011	0.00011	0.00012	0.00012	0.00013
3757976.71	0.00009	0.00010	0.00010	0.00011	0.00011	0.00012	0.00013	0.00013	0.00014
3757946.71	0.00010	0.00010	0.00011	0.00011	0.00012	0.00013	0.00013	0.00014	0.00015

Site #14 – Localized NO₂ Concentrations

3757916.71	0.00010	0.00011	0.00011	0.00012	0.00013	0.00013	0.00014	0.00015	0.00016
3757886.71	0.00011	0.00011	0.00012	0.00013	0.00013	0.00014	0.00015	0.00016	0.00017
3757856.71	0.00011	0.00012	0.00013	0.00013	0.00014	0.00015	0.00016	0.00018	0.00019
3757826.71	0.00012	0.00012	0.00013	0.00014	0.00015	0.00016	0.00018	0.00019	0.00020
3757796.71	0.00012	0.00013	0.00014	0.00015	0.00016	0.00017	0.00019	0.00021	0.00022
3757766.71	0.00013	0.00014	0.00015	0.00016	0.00017	0.00019	0.00020	0.00022	0.00024
3757736.71	0.00013	0.00015	0.00016	0.00017	0.00018	0.00020	0.00022	0.00024	0.00027
3757706.71	0.00014	0.00015	0.00017	0.00018	0.00020	0.00022	0.00024	0.00026	0.00029
3757676.71	0.00015	0.00016	0.00018	0.00019	0.00021	0.00023	0.00026	0.00029	0.00032
3757646.71	0.00016	0.00017	0.00019	0.00020	0.00023	0.00025	0.00028	0.00031	0.00035
3757616.71	0.00017	0.00018	0.00020	0.00022	0.00024	0.00027	0.00030	0.00034	0.00039
3757586.71	0.00018	0.00019	0.00021	0.00023	0.00026	0.00029	0.00033	0.00037	0.00043
3757556.71	0.00018	0.00020	0.00022	0.00025	0.00028	0.00031	0.00036	0.00041	0.00048
3757526.71	0.00019	0.00021	0.00024	0.00027	0.00030	0.00034	0.00039	0.00045	0.00053
3757496.71	0.00020	0.00023	0.00025	0.00028	0.00032	0.00036	0.00042	0.00049	0.00059
3757466.71	0.00022	0.00024	0.00027	0.00030	0.00034	0.00039	0.00046	0.00054	0.00065
3757436.71	0.00023	0.00025	0.00028	0.00032	0.00036	0.00042	0.00049	0.00058	0.00071
3757406.71	0.00024	0.00027	0.00030	0.00034	0.00039	0.00045	0.00052	0.00062	0.00075
3757376.71	0.00025	0.00028	0.00031	0.00035	0.00040	0.00047	0.00055	0.00065	0.00078
3757346.71	0.00026	0.00029	0.00032	0.00037	0.00042	0.00048	0.00056	0.00065	0.00077
3757316.71	0.00027	0.00030	0.00033	0.00038	0.00043	0.00049	0.00056	0.00064	0.00075
3757286.71	0.00027	0.00030	0.00034	0.00038	0.00042	0.00048	0.00054	0.00062	0.00070
3757256.71	0.00027	0.00030	0.00034	0.00037	0.00042	0.00046	0.00052	0.00057	0.00064
3757226.71	0.00027	0.00030	0.00033	0.00036	0.00040	0.00044	0.00048	0.00053	0.00057
3757196.71	0.00027	0.00029	0.00032	0.00035	0.00038	0.00041	0.00044	0.00047	0.00050
3757166.71	0.00026	0.00028	0.00031	0.00033	0.00035	0.00038	0.00040	0.00042	0.00044
3757136.71	0.00025	0.00027	0.00029	0.00031	0.00033	0.00034	0.00036	0.00038	0.00039
3757106.71	0.00024	0.00026	0.00027	0.00029	0.00030	0.00031	0.00032	0.00033	0.00034
3757076.71	0.00023	0.00024	0.00025	0.00026	0.00027	0.00028	0.00029	0.00030	0.00030
3757046.71	0.00022	0.00022	0.00023	0.00024	0.00025	0.00026	0.00026	0.00026	0.00027
3757016.71	0.00020	0.00021	0.00022	0.00022	0.00023	0.00023	0.00023	0.00024	0.00024
3756986.71	0.00019	0.00019	0.00020	0.00020	0.00021	0.00021	0.00021	0.00021	0.00021
3756956.71	0.00017	0.00018	0.00018	0.00019	0.00019	0.00019	0.00019	0.00019	0.00019

*** AERMOD - VERSION 09292 *** ** Site 14 - NO2 *** 10/26/10 14:41:17 PAGE 12

***MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT
*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL VOLL
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
** CONC OF NOX IN PPM **

Y-COORD (METERS)	371964.48	371994.48	372024.48	372054.48	372084.48	372114.48	372144.48	372174.48	372204.48
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3756926.71	0.00016	0.00017	0.00017	0.00017	0.00017	0.00017	0.00017	0.00017	0.00017
3756896.71	0.00015	0.00015	0.00015	0.00016	0.00016	0.00016	0.00016	0.00016	0.00016
3756866.71	0.00014	0.00014	0.00014	0.00014	0.00014	0.00014	0.00014	0.00014	0.00014
3756836.71	0.00013	0.00013	0.00013	0.00013	0.00013	0.00013	0.00013	0.00013	0.00013
3756806.71	0.00012	0.00012	0.00012	0.00012	0.00012	0.00012	0.00012	0.00012	0.00012
3756776.71	0.00011	0.00011	0.00011	0.00011	0.00011	0.00011	0.00011	0.00011	0.00011
3756746.71	0.00011	0.00011	0.00011	0.00011	0.00011	0.00011	0.00011	0.00011	0.00011
3756716.71	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010
3756686.71	0.00009	0.00009	0.00009	0.00009	0.00009	0.00009	0.00009	0.00009	0.00009
3756656.71	0.00009	0.00009	0.00009	0.00009	0.00009	0.00009	0.00009	0.00008	0.00008

*** AERMOD - VERSION 09292 *** ** Site 14 - NO2 *** 10/26/10 14:41:17 PAGE 13

***MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT
*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL VOLL
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
** CONC OF NOX IN PPM **

Y-COORD (METERS)	372234.48	372264.48	372294.48	372324.48	372354.48	372384.48	372414.48	372444.48	372474.48
------------------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------

3758126.71	0.00010	0.00011	0.00011	0.00011	0.00012	0.00012	0.00012	0.00012	0.00013
3758096.71	0.00011	0.00011	0.00012	0.00012	0.00012	0.00013	0.00013	0.00013	0.00014
3758066.71	0.00012	0.00012	0.00012	0.00013	0.00013	0.00014	0.00014	0.00015	0.00015
3758036.71	0.00012	0.00013	0.00013	0.00014	0.00014	0.00015	0.00015	0.00016	0.00016
3758006.71	0.00013	0.00014	0.00015	0.00015	0.00016	0.00016	0.00017	0.00017	0.00018
3757976.71	0.00014	0.00015	0.00016	0.00016	0.00017	0.00018	0.00018	0.00019	0.00020
3757946.71	0.00016	0.00016	0.00017	0.00018	0.00019	0.00020	0.00020	0.00021	0.00022
3757916.71	0.00017	0.00018	0.00019	0.00020	0.00021	0.00022	0.00023	0.00023	0.00024
3757886.71	0.00018	0.00020	0.00021	0.00022	0.00023	0.00024	0.00025	0.00026	0.00027
3757856.71	0.00020	0.00021	0.00023	0.00024	0.00026	0.00027	0.00028	0.00030	0.00031
3757826.71	0.00022	0.00024	0.00025	0.00027	0.00029	0.00031	0.00032	0.00034	0.00035
3757796.71	0.00024	0.00026	0.00028	0.00030	0.00033	0.00035	0.00037	0.00039	0.00041
3757766.71	0.00027	0.00029	0.00032	0.00034	0.00037	0.00040	0.00043	0.00046	0.00048
3757736.71	0.00029	0.00032	0.00036	0.00039	0.00043	0.00047	0.00051	0.00054	0.00058
3757706.71	0.00032	0.00036	0.00040	0.00045	0.00050	0.00056	0.00061	0.00066	0.00070
3757676.71	0.00036	0.00041	0.00046	0.00052	0.00059	0.00067	0.00075	0.00082	0.00089
3757646.71	0.00040	0.00046	0.00053	0.00061	0.00071	0.00082	0.00094	0.00105	0.00116
3757616.71	0.00045	0.00052	0.00061	0.00072	0.00086	0.00103	0.00121	0.00139	0.00155
3757586.71	0.00050	0.00059	0.00071	0.00086	0.00106	0.00130	0.00157	0.00184	0.00205
3757556.71	0.00056	0.00068	0.00083	0.00104	0.00131	0.00163	0.00197	0.00230	0.00260
3757526.71	0.00064	0.00078	0.00098	0.00126	0.00162	0.00198	0.00237	0.00270	0.00300
3757496.71	0.00072	0.00089	0.00115	0.00153	0.00197	0.00230	0.00260	0.00280	0.00290
3757466.71	0.00080	0.00101	0.00132	0.00180	0.00236	0.00280	0.00300	0.00300	0.00290
3757436.71	0.00087	0.00111	0.00145	0.00197	0.00269	0.00320	0.00340	0.00340	0.00330
3757406.71	0.00092	0.00116	0.00150	0.00198	0.00266	0.00323	0.00340	0.00340	0.00330
3757376.71	0.00094	0.00116	0.00145	0.00184	0.00233	0.00285	0.00300	0.00290	0.00280
3757346.71	0.00092	0.00111	0.00133	0.00160	0.00189	0.00218	0.00234	0.00219	0.00200
3757316.71	0.00087	0.00101	0.00116	0.00133	0.00149	0.00162	0.00168	0.00165	0.00153
3757286.71	0.00079	0.00089	0.00099	0.00108	0.00115	0.00120	0.00121	0.00118	0.00112
3757256.71	0.00070	0.00077	0.00082	0.00087	0.00090	0.00091	0.00091	0.00088	0.00084
3757226.71	0.00061	0.00065	0.00068	0.00071	0.00072	0.00072	0.00070	0.00069	0.00066
3757196.71	0.00053	0.00055	0.00057	0.00058	0.00058	0.00058	0.00056	0.00055	0.00053
3757166.71	0.00046	0.00047	0.00048	0.00048	0.00048	0.00047	0.00046	0.00045	0.00044
3757136.71	0.00040	0.00040	0.00041	0.00041	0.00040	0.00040	0.00039	0.00038	0.00037
3757106.71	0.00035	0.00035	0.00035	0.00035	0.00034	0.00034	0.00033	0.00033	0.00032
3757076.71	0.00030	0.00030	0.00030	0.00030	0.00030	0.00029	0.00029	0.00028	0.00028
3757046.71	0.00027	0.00027	0.00026	0.00026	0.00026	0.00026	0.00025	0.00025	0.00024

Site #14 – Localized NO₂ Concentrations

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3757016.71 | 0.00024 0.00024 0.00023 0.00023 0.00023 0.00023 0.00022 0.00022 0.00022
3756986.71 | 0.00021 0.00021 0.00021 0.00021 0.00021 0.00020 0.00020 0.00020 0.00019
3756956.71 | 0.00019 0.00019 0.00019 0.00019 0.00019 0.00018 0.00018 0.00018 0.00017
*** AERMOD - VERSION 09292 *** ** Site 14 - NO2 ***
*** 10/26/10
*** 14:41:17
*** PAGE 14

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**MODELOPTs: NonDEFAULT CONC          FLAT
                                         NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):                   VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX          IN PPM          **

Y-COORD | X-COORD (METERS)
(METERS) | 372234.48 372264.48 372294.48 372324.48 372354.48 372384.48 372414.48 372444.48 372474.48
-----|-----
3756926.71 | 0.00017 0.00017 0.00017 0.00017 0.00017 0.00016 0.00016 0.00016 0.00016
3756896.71 | 0.00016 0.00015 0.00015 0.00015 0.00015 0.00015 0.00015 0.00015 0.00015
3756866.71 | 0.00014 0.00014 0.00014 0.00014 0.00014 0.00014 0.00014 0.00014 0.00013
3756836.71 | 0.00013 0.00013 0.00013 0.00013 0.00013 0.00013 0.00013 0.00012 0.00012
3756806.71 | 0.00012 0.00012 0.00012 0.00012 0.00012 0.00012 0.00012 0.00011 0.00011
3756776.71 | 0.00011 0.00011 0.00011 0.00011 0.00011 0.00011 0.00011 0.00011 0.00010
3756746.71 | 0.00010 0.00010 0.00010 0.00010 0.00010 0.00010 0.00010 0.00010 0.00010
3756716.71 | 0.00010 0.00010 0.00009 0.00009 0.00009 0.00009 0.00009 0.00009 0.00009
3756686.71 | 0.00009 0.00009 0.00009 0.00009 0.00009 0.00009 0.00009 0.00009 0.00008
3756656.71 | 0.00008 0.00008 0.00008 0.00008 0.00008 0.00008 0.00008 0.00008 0.00008
*** AERMOD - VERSION 09292 *** ** Site 14 - NO2 ***
*** 10/26/10
*** 14:41:17
*** PAGE 15

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**MODELOPTs: NonDEFAULT CONC          FLAT
                                         NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):                   VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX          IN PPM          **

Y-COORD | X-COORD (METERS)
(METERS) | 372504.48 372534.48 372564.48 372594.48 372624.48 372654.48 372684.48 372714.48 372744.48
-----|-----
3758126.71 | 0.00013 0.00013 0.00013 0.00013 0.00013 0.00013 0.00013 0.00013 0.00013
3758096.71 | 0.00014 0.00014 0.00014 0.00014 0.00014 0.00014 0.00014 0.00014 0.00014
3758066.71 | 0.00015 0.00015 0.00016 0.00016 0.00016 0.00016 0.00016 0.00016 0.00015
3758036.71 | 0.00017 0.00017 0.00017 0.00017 0.00017 0.00017 0.00017 0.00017 0.00017
3758006.71 | 0.00018 0.00018 0.00019 0.00019 0.00019 0.00019 0.00019 0.00019 0.00018
3757976.71 | 0.00020 0.00020 0.00021 0.00021 0.00021 0.00021 0.00021 0.00020 0.00020
3757946.71 | 0.00022 0.00023 0.00023 0.00023 0.00023 0.00023 0.00023 0.00022 0.00022
3757916.71 | 0.00025 0.00025 0.00025 0.00026 0.00026 0.00025 0.00025 0.00025 0.00024
3757886.71 | 0.00028 0.00028 0.00029 0.00029 0.00029 0.00028 0.00028 0.00028 0.00027
3757856.71 | 0.00032 0.00032 0.00033 0.00033 0.00032 0.00032 0.00032 0.00032 0.00031
3757826.71 | 0.00036 0.00037 0.00037 0.00037 0.00037 0.00037 0.00036 0.00036 0.00035
3757796.71 | 0.00042 0.00043 0.00044 0.00044 0.00043 0.00043 0.00043 0.00041 0.00040
3757766.71 | 0.00050 0.00051 0.00051 0.00051 0.00051 0.00050 0.00049 0.00047 0.00046
3757736.71 | 0.00060 0.00061 0.00062 0.00062 0.00061 0.00059 0.00057 0.00055 0.00052
3757706.71 | 0.00074 0.00076 0.00076 0.00076 0.00074 0.00071 0.00068 0.00064 0.00060
3757676.71 | 0.00094 0.00096 0.00097 0.00095 0.00091 0.00086 0.00081 0.00075 0.00069
3757646.71 | 0.00124 0.00128 0.00127 0.00122 0.00114 0.00105 0.00096 0.00086 0.00077
3757616.71 | 0.00169 0.00176 0.00171 0.00159 0.00143 0.00127 0.00112 0.00097 0.00085
3757586.71 | 0.00223 0.00245 0.00235 0.00208 0.00178 0.00150 0.00126 0.00107 0.00090
3757556.71 | 0.00000 0.00287 0.00315 0.00264 0.00212 0.00170 0.00137 0.00112 0.00093
3757526.71 | 0.00000 0.00000 0.00367 0.00314 0.00238 0.00182 0.00142 0.00113 0.00092
3757496.71 | 0.00000 0.00000 0.00000 0.00333 0.00245 0.00181 0.00138 0.00108 0.00087
3757466.71 | 0.00000 0.00000 0.00000 0.00293 0.00227 0.00166 0.00126 0.00098 0.00079
3757436.71 | 0.00000 0.00000 0.00000 0.00224 0.00190 0.00142 0.00109 0.00086 0.00070
3757406.71 | 0.00000 0.00000 0.00208 0.00180 0.00149 0.00117 0.00092 0.00075 0.00062
3757376.71 | 0.00000 0.00206 0.00176 0.00145 0.00117 0.00095 0.00077 0.00064 0.00054
3757346.71 | 0.00184 0.00162 0.00137 0.00114 0.00094 0.00078 0.00065 0.00055 0.00047
3757316.71 | 0.00138 0.00122 0.00106 0.00090 0.00077 0.00065 0.00056 0.00048 0.00042
3757286.71 | 0.00103 0.00093 0.00083 0.00073 0.00063 0.00055 0.00047 0.00042 0.00037
3757256.71 | 0.00079 0.00073 0.00067 0.00060 0.00053 0.00047 0.00042 0.00037 0.00033
3757226.71 | 0.00063 0.00059 0.00055 0.00050 0.00045 0.00041 0.00037 0.00033 0.00030
3757196.71 | 0.00051 0.00049 0.00046 0.00042 0.00039 0.00036 0.00033 0.00030 0.00027
3757166.71 | 0.00043 0.00041 0.00039 0.00036 0.00034 0.00031 0.00029 0.00027 0.00024
3757136.71 | 0.00036 0.00035 0.00033 0.00032 0.00030 0.00028 0.00026 0.00024 0.00022
3757106.71 | 0.00031 0.00030 0.00029 0.00028 0.00026 0.00025 0.00023 0.00022 0.00020
3757076.71 | 0.00027 0.00026 0.00025 0.00025 0.00023 0.00022 0.00021 0.00020 0.00019
3757046.71 | 0.00024 0.00023 0.00023 0.00022 0.00021 0.00020 0.00019 0.00018 0.00017
3757016.71 | 0.00021 0.00021 0.00020 0.00020 0.00019 0.00018 0.00017 0.00017 0.00016
3756986.71 | 0.00019 0.00019 0.00018 0.00018 0.00017 0.00017 0.00016 0.00015 0.00015
3756956.71 | 0.00017 0.00017 0.00016 0.00016 0.00016 0.00015 0.00015 0.00014 0.00013
*** AERMOD - VERSION 09292 *** ** Site 14 - NO2 ***
*** 10/26/10
*** 14:41:17
*** PAGE 16

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**MODELOPTs: NonDEFAULT CONC          FLAT
                                         NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):                   VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX          IN PPM          **

Y-COORD | X-COORD (METERS)
(METERS) | 372504.48 372534.48 372564.48 372594.48 372624.48 372654.48 372684.48 372714.48 372744.48
-----|-----
3756926.71 | 0.00016 0.00015 0.00015 0.00015 0.00015 0.00014 0.00014 0.00013 0.00013
3756896.71 | 0.00014 0.00014 0.00014 0.00013 0.00013 0.00013 0.00012 0.00012 0.00012
3756866.71 | 0.00013 0.00013 0.00013 0.00012 0.00012 0.00012 0.00012 0.00011 0.00011
3756836.71 | 0.00012 0.00012 0.00012 0.00011 0.00011 0.00011 0.00011 0.00010 0.00010
3756806.71 | 0.00011 0.00011 0.00011 0.00011 0.00010 0.00010 0.00010 0.00010 0.00009
3756776.71 | 0.00010 0.00010 0.00010 0.00010 0.00010 0.00009 0.00009 0.00009 0.00009
3756746.71 | 0.00010 0.00009 0.00009 0.00009 0.00009 0.00009 0.00009 0.00009 0.00008
3756716.71 | 0.00009 0.00009 0.00009 0.00009 0.00008 0.00008 0.00008 0.00008 0.00008
3756686.71 | 0.00008 0.00008 0.00008 0.00008 0.00008 0.00008 0.00008 0.00008 0.00007
3756656.71 | 0.00008 0.00008 0.00008 0.00008 0.00007 0.00007 0.00007 0.00007 0.00007

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Site #14 – Localized NO₂ Concentrations

*** AERMOD - VERSION 09292 *** *** Site 14 - NO2 *** 10/26/10
 *** *** *** 14:41:17
 *** *** *** PAGE 17

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	372774.48	372804.48	372834.48	X-COORD (METERS)		372924.48	372954.48	372984.48	373014.48
3758126.71	0.00013	0.00013	0.00013	0.00012	0.00012	0.00012	0.00012	0.00012	0.00012
3758096.71	0.00014	0.00014	0.00014	0.00013	0.00013	0.00013	0.00013	0.00013	0.00013
3758066.71	0.00015	0.00015	0.00015	0.00015	0.00014	0.00014	0.00014	0.00014	0.00013
3758036.71	0.00016	0.00016	0.00016	0.00016	0.00015	0.00015	0.00015	0.00015	0.00015
3758006.71	0.00018	0.00018	0.00017	0.00017	0.00017	0.00017	0.00016	0.00016	0.00016
3757976.71	0.00020	0.00019	0.00019	0.00019	0.00018	0.00018	0.00018	0.00017	0.00017
3757946.71	0.00022	0.00021	0.00021	0.00020	0.00020	0.00020	0.00019	0.00019	0.00018
3757916.71	0.00024	0.00024	0.00023	0.00023	0.00022	0.00022	0.00021	0.00020	0.00020
3757886.71	0.00027	0.00026	0.00026	0.00025	0.00024	0.00024	0.00023	0.00022	0.00021
3757856.71	0.00030	0.00029	0.00028	0.00028	0.00027	0.00026	0.00025	0.00024	0.00023
3757826.71	0.00034	0.00033	0.00032	0.00031	0.00029	0.00028	0.00027	0.00025	0.00024
3757796.71	0.00038	0.00037	0.00035	0.00034	0.00032	0.00030	0.00029	0.00027	0.00025
3757766.71	0.00044	0.00042	0.00039	0.00037	0.00035	0.00033	0.00031	0.00029	0.00027
3757736.71	0.00050	0.00047	0.00044	0.00041	0.00038	0.00035	0.00032	0.00030	0.00028
3757706.71	0.00056	0.00052	0.00048	0.00044	0.00040	0.00037	0.00034	0.00031	0.00028
3757676.71	0.00063	0.00057	0.00051	0.00047	0.00042	0.00038	0.00035	0.00031	0.00029
3757646.71	0.00069	0.00061	0.00055	0.00049	0.00043	0.00039	0.00035	0.00032	0.00029
3757616.71	0.00074	0.00064	0.00056	0.00050	0.00044	0.00039	0.00035	0.00031	0.00028
3757586.71	0.00077	0.00066	0.00057	0.00050	0.00044	0.00038	0.00034	0.00030	0.00027
3757556.71	0.00078	0.00066	0.00056	0.00049	0.00042	0.00037	0.00033	0.00029	0.00026
3757526.71	0.00076	0.00063	0.00054	0.00046	0.00040	0.00036	0.00031	0.00028	0.00025
3757496.71	0.00071	0.00060	0.00051	0.00044	0.00038	0.00034	0.00030	0.00027	0.00024
3757466.71	0.00065	0.00055	0.00047	0.00041	0.00036	0.00031	0.00028	0.00025	0.00023
3757436.71	0.00059	0.00050	0.00043	0.00037	0.00033	0.00029	0.00026	0.00024	0.00021
3757406.71	0.00052	0.00045	0.00039	0.00034	0.00030	0.00027	0.00024	0.00022	0.00020
3757376.71	0.00046	0.00040	0.00035	0.00031	0.00028	0.00025	0.00023	0.00021	0.00019
3757346.71	0.00041	0.00036	0.00032	0.00029	0.00026	0.00023	0.00021	0.00019	0.00018
3757316.71	0.00037	0.00033	0.00029	0.00026	0.00024	0.00022	0.00020	0.00018	0.00017
3757286.71	0.00033	0.00030	0.00027	0.00024	0.00022	0.00020	0.00018	0.00017	0.00016
3757256.71	0.00030	0.00027	0.00024	0.00022	0.00020	0.00019	0.00017	0.00016	0.00015
3757226.71	0.00027	0.00025	0.00023	0.00021	0.00019	0.00017	0.00016	0.00015	0.00014
3757196.71	0.00025	0.00023	0.00021	0.00019	0.00018	0.00016	0.00015	0.00014	0.00013
3757166.71	0.00023	0.00021	0.00019	0.00018	0.00016	0.00015	0.00014	0.00013	0.00012
3757136.71	0.00021	0.00019	0.00018	0.00016	0.00015	0.00014	0.00013	0.00013	0.00012
3757106.71	0.00019	0.00018	0.00016	0.00015	0.00014	0.00013	0.00013	0.00012	0.00011
3757076.71	0.00017	0.00016	0.00015	0.00014	0.00013	0.00013	0.00012	0.00011	0.00011
3757046.71	0.00016	0.00015	0.00014	0.00013	0.00013	0.00012	0.00011	0.00011	0.00010
3757016.71	0.00015	0.00014	0.00013	0.00013	0.00012	0.00011	0.00011	0.00010	0.00010
3756986.71	0.00014	0.00013	0.00012	0.00012	0.00011	0.00011	0.00010	0.00010	0.00009
3756956.71	0.00013	0.00012	0.00012	0.00011	0.00011	0.00010	0.00010	0.00009	0.00009

*** AERMOD - VERSION 09292 *** *** Site 14 - NO2 *** 10/26/10
 *** *** *** 14:41:17
 *** *** *** PAGE 18

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	372774.48	372804.48	372834.48	X-COORD (METERS)		372924.48	372954.48	372984.48	373014.48
3756926.71	0.00012	0.00011	0.00011	0.00010	0.00010	0.00009	0.00009	0.00009	0.00008
3756896.71	0.00011	0.00011	0.00010	0.00010	0.00009	0.00009	0.00009	0.00008	0.00008
3756866.71	0.00010	0.00010	0.00010	0.00009	0.00009	0.00009	0.00008	0.00008	0.00007
3756836.71	0.00010	0.00009	0.00009	0.00009	0.00008	0.00008	0.00008	0.00007	0.00007
3756806.71	0.00009	0.00009	0.00009	0.00008	0.00008	0.00008	0.00007	0.00007	0.00007
3756776.71	0.00009	0.00008	0.00008	0.00008	0.00007	0.00007	0.00007	0.00007	0.00007
3756746.71	0.00008	0.00008	0.00007	0.00007	0.00007	0.00007	0.00006	0.00006	0.00006
3756716.71	0.00008	0.00008	0.00007	0.00007	0.00007	0.00007	0.00006	0.00006	0.00006
3756686.71	0.00007	0.00007	0.00007	0.00007	0.00006	0.00006	0.00006	0.00006	0.00006
3756656.71	0.00007	0.00007	0.00007	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006

*** AERMOD - VERSION 09292 *** *** Site 14 - NO2 *** 10/26/10
 *** *** *** 14:41:17
 *** *** *** PAGE 19

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	373044.48	373074.48	373104.48	X-COORD (METERS)	
3758126.71	0.00012	0.00011	0.00011	0.00011	0.00011
3758096.71	0.00012	0.00012	0.00012	0.00012	0.00012
3758066.71	0.00013	0.00013	0.00013	0.00013	0.00012
3758036.71	0.00014	0.00014	0.00014	0.00013	0.00013
3758006.71	0.00015	0.00015	0.00015	0.00014	0.00014
3757976.71	0.00016	0.00016	0.00016	0.00015	0.00015
3757946.71	0.00018	0.00017	0.00017	0.00016	0.00015
3757916.71	0.00019	0.00018	0.00018	0.00017	0.00016
3757886.71	0.00020	0.00019	0.00019	0.00018	0.00017
3757856.71	0.00022	0.00021	0.00020	0.00019	0.00018
3757826.71	0.00023	0.00022	0.00020	0.00019	0.00018
3757796.71	0.00024	0.00022	0.00021	0.00020	0.00019
3757766.71	0.00025	0.00023	0.00022	0.00020	0.00019

Site #14 – Localized NO₂ Concentrations

3757736.71	0.00026	0.00024	0.00022	0.00020	0.00019
3757706.71	0.00026	0.00024	0.00022	0.00020	0.00019
3757676.71	0.00026	0.00024	0.00022	0.00020	0.00019
3757646.71	0.00026	0.00024	0.00022	0.00020	0.00018
3757616.71	0.00025	0.00023	0.00021	0.00019	0.00018
3757586.71	0.00025	0.00022	0.00021	0.00019	0.00017
3757556.71	0.00024	0.00022	0.00020	0.00018	0.00017
3757526.71	0.00023	0.00021	0.00019	0.00017	0.00016
3757496.71	0.00022	0.00020	0.00018	0.00017	0.00015
3757466.71	0.00021	0.00019	0.00017	0.00016	0.00015
3757436.71	0.00019	0.00018	0.00016	0.00015	0.00014
3757406.71	0.00018	0.00017	0.00016	0.00014	0.00013
3757376.71	0.00017	0.00016	0.00015	0.00014	0.00013
3757346.71	0.00016	0.00015	0.00014	0.00013	0.00012
3757316.71	0.00015	0.00014	0.00013	0.00012	0.00012
3757286.71	0.00014	0.00013	0.00013	0.00012	0.00011
3757256.71	0.00014	0.00013	0.00012	0.00011	0.00011
3757226.71	0.00013	0.00012	0.00011	0.00011	0.00010
3757196.71	0.00012	0.00012	0.00011	0.00010	0.00010
3757166.71	0.00012	0.00011	0.00010	0.00010	0.00009
3757136.71	0.00011	0.00010	0.00010	0.00009	0.00009
3757106.71	0.00011	0.00010	0.00009	0.00009	0.00008
3757076.71	0.00010	0.00010	0.00009	0.00009	0.00008
3757046.71	0.00010	0.00009	0.00009	0.00008	0.00008
3757016.71	0.00009	0.00009	0.00008	0.00008	0.00008
3756986.71	0.00009	0.00008	0.00008	0.00008	0.00007
3756956.71	0.00008	0.00008	0.00007	0.00007	0.00007
*** AERMOD - VERSION 09292 ***	*** Site 14 - NO2	***	***	***	10/26/10
	***	***	***	***	14:41:17
					PAGE 20

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S):

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** CONC OF NOX IN PPM

Y-COORD (METERS)	373044.48	373074.48	373104.48	373134.48	373164.48
3756926.71	0.00008	0.00008	0.00007	0.00007	0.00007
3756896.71	0.00007	0.00007	0.00007	0.00007	0.00006
3756866.71	0.00007	0.00007	0.00007	0.00006	0.00006
3756836.71	0.00007	0.00007	0.00006	0.00006	0.00006
3756806.71	0.00007	0.00006	0.00006	0.00006	0.00006
3756776.71	0.00006	0.00006	0.00006	0.00006	0.00005
3756746.71	0.00006	0.00006	0.00006	0.00005	0.00005
3756716.71	0.00006	0.00006	0.00005	0.00005	0.00005
3756686.71	0.00006	0.00005	0.00005	0.00005	0.00005
3756656.71	0.00005	0.00005	0.00005	0.00005	0.00005
*** AERMOD - VERSION 09292 ***	*** Site 14 - NO2	***	***	***	10/26/10
	***	***	***	***	14:41:17
					PAGE 21

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S):

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

*** CONC OF NOX IN PPM

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372149.67	3757202.57	0.00046	372200.97	3757196.42	0.00050
372734.43	3757083.57	0.00019	372746.74	3757147.17	0.00023
372767.26	3757192.31	0.00025	372894.46	3757118.45	0.00015
372371.27	3757725.77	0.00048			
*** AERMOD - VERSION 09292 ***	*** Site 14 - NO2	***	***	***	10/26/10
	***	***	***	***	14:41:17
					PAGE 22

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION INCLUDING SOURCE(S):

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** CONC OF NOX IN PPM

Y-COORD (METERS)	371694.48	371724.48	371754.48	371784.48	371814.48
3758126.7	0.00374 (05010409)	0.00367 (05010409)	0.00344 (05010409)	0.00309 (05010409)	0.00317 (06090407)
3758096.7	0.00373 (05010409)	0.00384 (05010409)	0.00379 (05010409)	0.00358 (05010409)	0.00322 (05010409)
3758066.7	0.00364 (07090907)	0.00379 (05010409)	0.00393 (05010409)	0.00391 (05010409)	0.00371 (05010409)
3758036.7	0.00435 (07090907)	0.00394 (07090907)	0.00384 (05010409)	0.00402 (05010409)	0.00403 (05010409)
3758006.7	0.00491 (07090907)	0.00465 (07090907)	0.00426 (07090907)	0.00388 (05010409)	0.00411 (05010409)
3757976.7	0.00519 (07090907)	0.00514 (07090907)	0.00494 (07090907)	0.00459 (07090907)	0.00411 (07090907)
3757946.7	0.00514 (07090907)	0.00533 (07090907)	0.00536 (07090907)	0.00523 (07090907)	0.00493 (07090907)
3757916.7	0.00474 (07090907)	0.00514 (07090907)	0.00542 (07090907)	0.00555 (07090907)	0.00551 (07090907)
3757886.7	0.00406 (07090907)	0.00460 (07090907)	0.00508 (07090907)	0.00546 (07090907)	0.00570 (07090907)
3757856.7	0.00321 (07090907)	0.00380 (07090907)	0.00439 (07090907)	0.00496 (07090907)	0.00544 (07090907)
3757826.7	0.00235 (07090907)	0.00289 (07090907)	0.00349 (07090907)	0.00413 (07090907)	0.00477 (07090907)
3757796.7	0.00240 (06090102)	0.00247 (06090102)	0.00254 (07090907)	0.00315 (07090907)	0.00381 (07090907)
3757766.7	0.00234 (06090102)	0.00251 (06090102)	0.00265 (06090102)	0.00275 (06090102)	0.00280 (06090102)
3757736.7	0.00211 (06120524)	0.00231 (06090102)	0.00254 (06090102)	0.00275 (06090102)	0.00294 (06090102)
3757706.7	0.00242 (06120524)	0.00246 (06120524)	0.00247 (06120524)	0.00247 (06090102)	0.00276 (06090102)
3757676.7	0.00256 (06100301)	0.00261 (06120524)	0.00273 (06120524)	0.00282 (06120524)	0.00288 (06120524)
3757646.7	0.00262 (06100301)	0.00276 (06100301)	0.00289 (06100301)	0.00300 (06100301)	0.00310 (06100301)
3757616.7	0.00266 (07091603)	0.00277 (07091603)	0.00288 (07091603)	0.00299 (06100301)	0.00319 (06100301)
3757586.7	0.00255 (07091603)	0.00272 (07091603)	0.00289 (07091603)	0.00306 (07091603)	0.00324 (07091603)
3757556.7	0.00262 (07081605)	0.00273 (05042101)	0.00286 (05042101)	0.00299 (05042101)	0.00313 (05042101)
3757526.7	0.00260 (07081605)	0.00274 (07081605)	0.00289 (07081605)	0.00304 (07081605)	0.00321 (07081605)
3757496.7	0.00298 (07110908)	0.00304 (07110908)	0.00310 (07110908)	0.00316 (07110908)	0.00323 (07110908)
3757466.7	0.00332 (07110908)	0.00339 (07110908)	0.00347 (07110908)	0.00355 (07110908)	0.00364 (07110908)
3757436.7	0.00335 (07110908)	0.00342 (07110908)	0.00349 (07110908)	0.00357 (07110908)	0.00365 (07110908)

Site #14 – Localized NO₂ Concentrations

3757406.7	0.00307 (07110908)	0.00311 (07110908)	0.00316 (07110908)	0.00321 (07110908)	0.00326 (07110908)
3757376.7	0.00295 (06070206)	0.00308 (06070206)	0.00321 (06070206)	0.00335 (06070206)	0.00348 (06070206)
3757346.7	0.00327 (06070206)	0.00334 (06070206)	0.00342 (06070206)	0.00348 (06070206)	0.00354 (06070206)
3757316.7	0.00316 (06070206)	0.00316 (06070206)	0.00328 (07082903)	0.00345 (07082903)	0.00361 (07082903)
3757286.7	0.00297 (07082903)	0.00306 (07082903)	0.00314 (07082903)	0.00319 (07082903)	0.00323 (07082903)
3757256.7	0.00264 (07082903)	0.00271 (05101822)	0.00285 (05101822)	0.00297 (05101822)	0.00307 (05101822)
3757226.7	0.00256 (05101822)	0.00262 (05101822)	0.00283 (07030608)	0.00305 (07030608)	0.00326 (07030608)
3757196.7	0.00281 (07030608)	0.00300 (07030608)	0.00317 (07030608)	0.00331 (07030608)	0.00341 (07030608)
3757166.7	0.00307 (07030608)	0.00318 (07030608)	0.00325 (07030608)	0.00327 (07030608)	0.00325 (07030608)
3757136.7	0.00309 (07030608)	0.00310 (07030608)	0.00306 (07030608)	0.00297 (07030608)	0.00284 (07012320)
3757106.7	0.00288 (07030608)	0.00279 (07030608)	0.00265 (07030608)	0.00272 (06111722)	0.00285 (06111722)
3757076.7	0.00249 (07030608)	0.00246 (06111722)	0.00258 (06111722)	0.00264 (06111722)	0.00300 (06053107)
3757046.7	0.00234 (06111722)	0.00240 (06111722)	0.00272 (06053107)	0.00311 (06053107)	0.00346 (06053107)
3757016.7	0.00247 (06053107)	0.00283 (06053107)	0.00318 (06053107)	0.00352 (07070106)	0.00428 (07070106)
3756986.7	0.00292 (06053107)	0.00322 (06053107)	0.00364 (07070106)	0.00437 (07070106)	0.00512 (07070106)
3756956.7	0.00324 (06053107)	0.00374 (07070106)	0.00444 (07070106)	0.00514 (07070106)	0.00580 (07070106)
*** AERMOD - VERSION 09292 *** Site 14 - NO2 ***					
10/26/10					
14:41:17					
PAGE 23					

**MODELOPTs: NonDEFAULT CONC

FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOLL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	371694.48	371724.48	X-COORD (METERS) 371754.48	371784.48	371814.48
3756926.7	0.00383 (07070106)	0.00449 (07070106)	0.00514 (07070106)	0.00575 (07070106)	0.00624 (07070106)
3756896.7	0.00453 (07070106)	0.00514 (07070106)	0.00568 (07070106)	0.00612 (07070106)	0.00640 (07070106)
3756866.7	0.00512 (07070106)	0.00561 (07070106)	0.00599 (07070106)	0.00623 (07070106)	0.00627 (07070106)
3756836.7	0.00553 (07070106)	0.00587 (07070106)	0.00606 (07070106)	0.00607 (07070106)	0.00589 (07070106)
3756806.7	0.00575 (07070106)	0.00590 (07070106)	0.00589 (07070106)	0.00570 (07070106)	0.00533 (07070106)
3756776.7	0.00575 (07070106)	0.00571 (07070106)	0.00551 (07070106)	0.00515 (07070106)	0.00465 (07070106)
3756746.7	0.00554 (07070106)	0.00534 (07070106)	0.00499 (07070106)	0.00451 (07070106)	0.00394 (07070106)
3756716.7	0.00517 (07070106)	0.00483 (07070106)	0.00437 (07070106)	0.00382 (07070106)	0.00369 (06090207)
3756686.7	0.00468 (07070106)	0.00424 (07070106)	0.00372 (07070106)	0.00363 (06090207)	0.00339 (06090207)
3756656.7	0.00411 (07070106)	0.00362 (07070106)	0.00356 (06090207)	0.00335 (06090207)	0.00299 (06090207)
*** AERMOD - VERSION 09292 *** Site 14 - NO2 ***					
10/26/10					
14:41:17					
PAGE 24					

**MODELOPTs: NonDEFAULT CONC

FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOLL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	371844.48	371874.48	X-COORD (METERS) 371904.48	371934.48	371964.48
3758126.7	0.00393 (06090407)	0.00463 (06090407)	0.00517 (06090407)	0.00545 (06090407)	0.00539 (06090407)
3758096.7	0.00332 (06090407)	0.00412 (06090407)	0.00484 (06090407)	0.00537 (06090407)	0.00560 (06090407)
3758066.7	0.00335 (05010409)	0.00348 (06090407)	0.00432 (06090407)	0.00506 (06090407)	0.00558 (06090407)
3758036.7	0.00386 (05010409)	0.00350 (05010409)	0.00366 (06090407)	0.00454 (06090407)	0.00529 (06090407)
3758006.7	0.00416 (05010409)	0.00401 (05010409)	0.00365 (05010409)	0.00385 (06090407)	0.00477 (06090407)
3757976.7	0.00420 (05010409)	0.00429 (05010409)	0.00416 (05010409)	0.00382 (05010409)	0.00406 (06090407)
3757946.7	0.00447 (07090907)	0.00428 (05010409)	0.00442 (05010409)	0.00433 (05010409)	0.00399 (05010409)
3757916.7	0.00527 (07090907)	0.00485 (07090907)	0.00435 (05010409)	0.00455 (05010409)	0.00450 (05010409)
3757886.7	0.00576 (07090907)	0.00561 (07090907)	0.00525 (07090907)	0.00470 (07090907)	0.00468 (05010409)
3757856.7	0.00580 (07090907)	0.00598 (07090907)	0.00593 (07090907)	0.00565 (07090907)	0.00514 (07090907)
3757826.7	0.00536 (07090907)	0.00583 (07090907)	0.00614 (07090907)	0.00623 (07090907)	0.00605 (07090907)
3757796.7	0.00451 (07090907)	0.00519 (07090907)	0.00579 (07090907)	0.00624 (07090907)	0.00647 (07090907)
3757766.7	0.00344 (07090907)	0.00418 (07090907)	0.00493 (07090907)	0.00565 (07090907)	0.00625 (07090907)
3757736.7	0.00308 (06090102)	0.00316 (06090102)	0.00378 (07090907)	0.00459 (07090907)	0.00542 (07090907)
3757706.7	0.00303 (06090102)	0.00328 (06090102)	0.00347 (06090102)	0.00361 (06090102)	0.00417 (07090907)
3757676.7	0.00292 (06120524)	0.00300 (06090102)	0.00335 (06090102)	0.00367 (06090102)	0.00395 (06090102)
3757646.7	0.00320 (06120524)	0.00334 (06120524)	0.00345 (06120524)	0.00352 (06120524)	0.00372 (06090102)
3757616.7	0.00338 (06100301)	0.00356 (06100301)	0.00373 (06100301)	0.00387 (06100301)	0.00404 (06120524)
3757586.7	0.00342 (07091603)	0.00359 (07091603)	0.00376 (07091603)	0.00401 (06100301)	0.00429 (06100301)
3757556.7	0.00327 (05042101)	0.00349 (07091603)	0.00376 (07091603)	0.00404 (07091603)	0.00433 (07091603)
3757526.7	0.00339 (07081605)	0.00358 (07081605)	0.00378 (07081605)	0.00400 (05042101)	0.00426 (05042101)
3757496.7	0.00334 (05092201)	0.00353 (05092201)	0.00372 (05092201)	0.00394 (05092201)	0.00418 (05092201)
3757466.7	0.00373 (07110908)	0.00382 (07110908)	0.00392 (07110908)	0.00414 (07091605)	0.00441 (07091605)
3757436.7	0.00373 (07110908)	0.00382 (07110908)	0.00391 (07110908)	0.00406 (06111920)	0.00431 (06111920)
3757406.7	0.00331 (07110908)	0.00343 (07091002)	0.00369 (07091002)	0.00398 (07091002)	0.00429 (07091002)
3757376.7	0.00360 (06070206)	0.00373 (06070206)	0.00387 (07102602)	0.00420 (07102602)	0.00458 (07082903)
3757346.7	0.00372 (07082903)	0.00399 (07082903)	0.00426 (07082903)	0.00452 (07082903)	0.00477 (07082903)
3757316.7	0.00376 (07082903)	0.00389 (07082903)	0.00399 (07082903)	0.00407 (07082903)	0.00422 (05101822)
3757286.7	0.00333 (05101822)	0.00351 (05101822)	0.00367 (05101822)	0.00379 (05101822)	0.00399 (07031304)
3757256.7	0.00315 (05101822)	0.00333 (07030608)	0.00358 (07031304)	0.00383 (07031304)	0.00404 (06060203)
3757226.7	0.00344 (07030608)	0.00358 (07030608)	0.00367 (07030608)	0.00378 (06060203)	0.00393 (07012320)
3757196.7	0.00347 (07030608)	0.00346 (07030608)	0.00346 (07012320)	0.00360 (07012320)	0.00386 (06111722)
3757166.7	0.00317 (07030608)	0.00318 (07012320)	0.00340 (06111722)	0.00357 (06111722)	0.00371 (05043001)
3757136.7	0.00303 (06111722)	0.00318 (06111722)	0.00325 (05043001)	0.00371 (07070106)	0.00471 (07070106)
3757106.7	0.00291 (06111722)	0.00332 (06053107)	0.00389 (07070106)	0.00485 (07070106)	0.00586 (07070106)
3757076.7	0.00341 (06053107)	0.00404 (07070106)	0.00495 (07070106)	0.00589 (07070106)	0.00677 (07070106)
3757046.7	0.00417 (07070106)	0.00503 (07070106)	0.00589 (07070106)	0.00668 (07070106)	0.00730 (07070106)
3757016.7	0.00509 (07070106)	0.00588 (07070106)	0.00658 (07070106)	0.00712 (07070106)	0.00740 (07070106)
3756986.7	0.00585 (07070106)	0.00647 (07070106)	0.00693 (07070106)	0.00715 (07070106)	0.00708 (07070106)
3756956.7	0.00636 (07070106)	0.00675 (07070106)	0.00691 (07070106)	0.00681 (07070106)	0.00643 (07070106)
*** AERMOD - VERSION 09292 *** Site 14 - NO2 ***					
10/26/10					
14:41:17					
PAGE 25					

**MODELOPTs: NonDEFAULT CONC

FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOLL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD			X-COORD (METERS)		
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Site #14 – Localized NO₂ Concentrations

(METERS)	371844.48	371874.48	371904.48	371934.48	371964.48
3756926.7	0.00657 (07070106)	0.00669 (07070106)	0.00656 (07070106)	0.00618 (07070106)	0.00556 (07070106)
3756896.7	0.00647 (07070106)	0.00632 (07070106)	0.00594 (07070106)	0.00535 (07070106)	0.00461 (07070106)
3756866.7	0.00610 (07070106)	0.00572 (07070106)	0.00516 (07070106)	0.00446 (07070106)	0.00404 (06090207)
3756836.7	0.00552 (07070106)	0.00498 (07070106)	0.00432 (07070106)	0.00397 (06090207)	0.00355 (06090207)
3756806.7	0.00481 (07070106)	0.00418 (07070106)	0.00390 (06090207)	0.00353 (06090207)	0.00298 (06090207)
3756776.7	0.00406 (07070106)	0.00383 (06090207)	0.00349 (06090207)	0.00299 (06090207)	0.00239 (06090207)
3756746.7	0.00376 (06090207)	0.00346 (06090207)	0.00300 (06090207)	0.00243 (06090207)	0.00221 (05050324)
3756716.7	0.00343 (06090207)	0.00300 (06090207)	0.00246 (06090207)	0.00203 (05050324)	0.00232 (07070203)
3756686.7	0.00299 (06090207)	0.00249 (06090207)	0.00195 (06090207)	0.00208 (07070203)	0.00248 (06090107)
3756656.7	0.00252 (06090207)	0.00200 (06090207)	0.00193 (05050324)	0.00225 (06090107)	0.00269 (06090107)

*** AERMOD - VERSION 09292 *** *** Site 14 - NO2 ***
 *** *** ***
 ***/26/10
 14:41:17

 ***/26/10
 14:41:17

 PAGE 26

***MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	371994.48	372024.48	X-COORD (METERS) 372054.48	372084.48	372114.48
3758126.7	0.00499 (06090407)	0.00430 (06090407)	0.00369 (06042607)	0.00423 (06042607)	0.00440 (06042607)
3758096.7	0.00547 (06090407)	0.00497 (06090407)	0.00418 (06090407)	0.00404 (06042607)	0.00445 (06042607)
3758066.7	0.00575 (06090407)	0.00553 (06090407)	0.00492 (06090407)	0.00404 (06090407)	0.00436 (06042607)
3758036.7	0.00578 (06090407)	0.00589 (06090407)	0.00557 (06090407)	0.00485 (06090407)	0.00412 (06042607)
3758006.7	0.00554 (06090407)	0.00600 (06090407)	0.00602 (06090407)	0.00558 (06090407)	0.00474 (06090407)
3757976.7	0.00502 (06090407)	0.00579 (06090407)	0.00621 (06090407)	0.00614 (06090407)	0.00557 (06090407)
3757946.7	0.00429 (06090407)	0.00529 (06090407)	0.00606 (06090407)	0.00642 (06090407)	0.00623 (06090407)
3757916.7	0.00418 (05010409)	0.00454 (06090407)	0.00558 (06090407)	0.00634 (06090407)	0.00662 (06090407)
3757886.7	0.00468 (05010409)	0.00437 (05010409)	0.00480 (06090407)	0.00588 (06090407)	0.00663 (06090407)
3757856.7	0.00480 (05010409)	0.00486 (05010409)	0.00460 (05010409)	0.00510 (06090407)	0.00621 (06090407)
3757826.7	0.00561 (07090907)	0.00494 (07090907)	0.00506 (05010409)	0.00485 (05010409)	0.00542 (06090407)
3757796.7	0.00643 (07090907)	0.00609 (07090907)	0.00547 (07090907)	0.00528 (05010409)	0.00511 (05010409)
3757766.7	0.00666 (07090907)	0.00678 (07090907)	0.00657 (07090907)	0.00602 (07090907)	0.00550 (05010409)
3757736.7	0.00617 (07090907)	0.00675 (07090907)	0.00676 (07090907)	0.00703 (07090907)	0.00661 (07090907)
3757706.7	0.00507 (07090907)	0.00596 (07090907)	0.00673 (07090907)	0.00726 (07090907)	0.00745 (07090907)
3757676.7	0.00416 (06090102)	0.00463 (07090907)	0.00563 (07090907)	0.00659 (07090907)	0.00736 (07090907)
3757646.7	0.00415 (06090102)	0.00454 (06090102)	0.00485 (06090102)	0.00520 (07090907)	0.00632 (07090907)
3757616.7	0.00422 (06120524)	0.00435 (06120524)	0.00473 (06090102)	0.00527 (06090102)	0.00575 (06090102)
3757586.7	0.00457 (06100301)	0.00482 (06100301)	0.00505 (06100301)	0.00533 (06120524)	0.00558 (06120524)
3757556.7	0.00463 (07091603)	0.00493 (07091603)	0.00526 (06100301)	0.00573 (06100301)	0.00619 (06100301)
3757526.7	0.00454 (05042101)	0.00484 (05042101)	0.00521 (07091603)	0.00572 (07091603)	0.00627 (07091603)
3757496.7	0.00445 (07081605)	0.00481 (07081605)	0.00521 (07081605)	0.00566 (07081605)	0.00616 (07081605)
3757466.7	0.00471 (07091605)	0.00505 (07091605)	0.00544 (07091605)	0.00588 (07091605)	0.00639 (07091605)
3757436.7	0.00460 (06111920)	0.00491 (06111920)	0.00526 (06111920)	0.00567 (06111920)	0.00613 (06111920)
3757406.7	0.00463 (07091002)	0.00499 (07091002)	0.00539 (07091002)	0.00586 (07082903)	0.00656 (07082903)
3757376.7	0.00500 (07082903)	0.00543 (07082903)	0.00588 (07082903)	0.00633 (07082903)	0.00677 (07082903)
3757346.7	0.00500 (07082903)	0.00520 (07082903)	0.00537 (07082903)	0.00562 (05101822)	0.00598 (05101822)
3757316.7	0.00447 (05101822)	0.00468 (05101822)	0.00498 (07031304)	0.00546 (07031304)	0.00591 (06060203)
3757286.7	0.00435 (07031304)	0.00467 (07031304)	0.00502 (06060203)	0.00533 (06060203)	0.00565 (07012320)
3757256.7	0.00433 (06060203)	0.00452 (06060203)	0.00478 (07012320)	0.00518 (06111722)	0.00545 (06111722)
3757226.7	0.00412 (07012320)	0.00444 (06111722)	0.00467 (06111722)	0.00542 (07070106)	0.00686 (07070106)
3757196.7	0.00406 (06111722)	0.00435 (07070106)	0.00459 (07070106)	0.00690 (07070106)	0.00816 (07070106)
3757166.7	0.00455 (07070106)	0.00571 (07070106)	0.00691 (07070106)	0.00801 (07070106)	0.00883 (07070106)
3757136.7	0.00580 (07070106)	0.00689 (07070106)	0.00785 (07070106)	0.00852 (07070106)	0.00876 (07070106)
3757106.7	0.00684 (07070106)	0.00767 (07070106)	0.00823 (07070106)	0.00838 (07070106)	0.00805 (07070106)
3757076.7	0.00749 (07070106)	0.00794 (07070106)	0.00802 (07070106)	0.00767 (07070106)	0.00690 (07070106)
3757046.7	0.00767 (07070106)	0.00768 (07070106)	0.00732 (07070106)	0.00658 (07070106)	0.00557 (07070106)
3757016.7	0.00737 (07070106)	0.00700 (07070106)	0.00630 (07070106)	0.00535 (07070106)	0.00437 (06090207)
3756986.7	0.00670 (07070106)	0.00603 (07070106)	0.00514 (07070106)	0.00430 (06090207)	0.00364 (05083004)
3756956.7	0.00579 (07070106)	0.00495 (07070106)	0.00424 (06090207)	0.00360 (06090207)	0.00343 (07070203)

*** AERMOD - VERSION 09292 *** *** Site 14 - NO2 ***
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 ***/26/10
 14:41:17

 ***/26/10
 14:41:17

 PAGE 27

***MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	371994.48	372024.48	X-COORD (METERS) 372054.48	372084.48	372114.48
3756926.7	0.00478 (07070106)	0.00417 (06090207)	0.00360 (06090207)	0.00306 (05083004)	0.00362 (07070203)
3756896.7	0.00411 (06090207)	0.00359 (06090207)	0.00292 (05083004)	0.00322 (07070203)	0.00363 (07070203)
3756866.7	0.00357 (06090207)	0.00293 (06090207)	0.00285 (07070203)	0.00332 (07070203)	0.00348 (07070203)
3756836.7	0.00296 (06090207)	0.00256 (05050324)	0.00301 (07070203)	0.00328 (07070203)	0.00344 (06090107)
3756806.7	0.00238 (05083004)	0.00271 (07070203)	0.00305 (07070203)	0.00330 (06090107)	0.00333 (06090107)
3756776.7	0.00242 (07070203)	0.00281 (07070203)	0.00313 (06090107)	0.00328 (06090107)	0.00311 (06090107)
3756746.7	0.00256 (07070203)	0.00293 (06090107)	0.00319 (06090107)	0.00316 (06090107)	0.00310 (05102108)
3756716.7	0.00271 (06090107)	0.00305 (06090107)	0.00315 (06090107)	0.00295 (06090107)	0.00317 (05102108)
3756686.7	0.00288 (06090107)	0.00308 (06090107)	0.00301 (06090107)	0.00297 (05102108)	0.00316 (05102108)
3756656.7	0.00297 (06090107)	0.00301 (06090107)	0.00280 (06090107)	0.00304 (05102108)	0.00311 (07032008)

*** AERMOD - VERSION 09292 *** *** Site 14 - NO2 ***
 *** *** ***
 ***/26/10
 14:41:17

 ***/26/10
 14:41:17

 PAGE 28

***MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	372144.48	372174.48	X-COORD (METERS) 372204.48	372234.48	372264.48
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Site #14 – Localized NO₂ Concentrations

Table with 6 columns of data (ID, coordinates, concentration values). Includes header information like '*** AERMOD - VERSION 09292 ***' and '*** Site 14 - NO2 ***'.

*** AERMOD - VERSION 09292 ***
*** Site 14 - NO2 ***
***/10/26/10
14:41:17
PAGE 29

Table with 6 columns of data (ID, coordinates, concentration values). Includes header information like '*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL'.

*** AERMOD - VERSION 09292 ***
*** Site 14 - NO2 ***
***/10/26/10
14:41:17
PAGE 30

Table with 6 columns of data (ID, coordinates, concentration values). Includes header information like '*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL'.

Table with 6 columns of data (ID, coordinates, concentration values). Includes header information like '*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL'.

Site #14 – Localized NO₂ Concentrations

3757226.7	0.00780 (05083004)	0.00896 (07072023)	0.00930 (06041124)	0.00963 (06090606)	0.00946 (07081701)
3757196.7	0.00766 (07072023)	0.00814 (06041124)	0.00835 (07072705)	0.00849 (06090606)	0.00873 (07081701)
3757166.7	0.00730 (07072023)	0.00743 (06041124)	0.00768 (06090606)	0.00742 (05042905)	0.00806 (07081701)
3757136.7	0.00671 (06041124)	0.00682 (07072705)	0.00701 (06090606)	0.00681 (06041123)	0.00744 (07081701)
3757106.7	0.00614 (06041124)	0.00631 (06090606)	0.00623 (06090606)	0.00620 (06041123)	0.00686 (07081701)
3757076.7	0.00574 (07072705)	0.00592 (06090606)	0.00563 (05042905)	0.00581 (07081701)	0.00631 (07081701)
3757046.7	0.00528 (06090606)	0.00541 (06090606)	0.00526 (06041123)	0.00556 (07081701)	0.00580 (07081701)
3757016.7	0.00507 (06090606)	0.00484 (06090204)	0.00490 (06041123)	0.00530 (07081701)	0.00532 (07081701)
3756986.7	0.00473 (06090606)	0.00447 (05042905)	0.00452 (06041123)	0.00503 (07081701)	0.00487 (07081701)
3756956.7	0.00432 (06090606)	0.00422 (05042905)	0.00419 (07081701)	0.00475 (07081701)	0.00446 (07081701)
*** AERMOD - VERSION 09292 ***					
*** Site 14 - NO2				***	
10/26/10					
14:41:17					
PAGE 31					

***MODELOPTS: NonDEFAULT CONC

FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	372294.48	372324.48	X-COORD (METERS) 372354.48	372384.48	372414.48
3756926.7	0.00393 (06090204)	0.00400 (06041123)	0.00410 (07081701)	0.00448 (07081701)	0.00415 (07042623)
3756896.7	0.00367 (05042905)	0.00375 (06041123)	0.00398 (07081701)	0.00421 (07081701)	0.00390 (07042623)
3756866.7	0.00351 (05042905)	0.00348 (06041123)	0.00385 (07081701)	0.00394 (07081701)	0.00366 (07042623)
3756836.7	0.00334 (06041123)	0.00321 (06041123)	0.00371 (07081701)	0.00369 (07081701)	0.00345 (07072801)
3756806.7	0.00317 (06041123)	0.00315 (07081701)	0.00356 (07081701)	0.00344 (07081701)	0.00338 (06082207)
3756776.7	0.00299 (06041123)	0.00310 (07081701)	0.00341 (07081701)	0.00321 (07081701)	0.00333 (06082207)
3756746.7	0.00279 (06041123)	0.00304 (07081701)	0.00325 (07081701)	0.00298 (07081701)	0.00328 (06082207)
3756716.7	0.00259 (06041123)	0.00297 (07081701)	0.00308 (07081701)	0.00284 (07042623)	0.00324 (06082207)
3756686.7	0.00249 (07081701)	0.00289 (07081701)	0.00292 (07081701)	0.00271 (07042623)	0.00319 (06082207)
3756656.7	0.00248 (07081701)	0.00280 (07081701)	0.00276 (07081701)	0.00270 (06082207)	0.00315 (06082207)
*** AERMOD - VERSION 09292 ***					
*** Site 14 - NO2				***	
10/26/10					
14:41:17					
PAGE 32					

***MODELOPTS: NonDEFAULT CONC

FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	372444.48	372474.48	X-COORD (METERS) 372504.48	372534.48	372564.48
3758126.7	0.00321 (05082924)	0.00327 (07072603)	0.00325 (07072603)	0.00320 (07091802)	0.00314 (07040123)
3758096.7	0.00340 (05082924)	0.00345 (07072603)	0.00342 (07072603)	0.00337 (07091802)	0.00332 (07040123)
3758066.7	0.00360 (05082924)	0.00365 (07072603)	0.00361 (07072603)	0.00355 (07091802)	0.00350 (07040123)
3758036.7	0.00383 (05082924)	0.00387 (07072603)	0.00381 (07072603)	0.00375 (07091802)	0.00370 (07040123)
3758006.7	0.00408 (05082924)	0.00411 (07072603)	0.00404 (07072603)	0.00397 (07091802)	0.00390 (07040123)
3757976.7	0.00435 (05082924)	0.00438 (07072603)	0.00429 (07072603)	0.00420 (07091802)	0.00410 (07040123)
3757946.7	0.00465 (05082924)	0.00468 (07072603)	0.00456 (07072603)	0.00446 (07040123)	0.00431 (07040123)
3757916.7	0.00499 (05082924)	0.00502 (07072603)	0.00487 (07072603)	0.00481 (07040123)	0.00452 (07040123)
3757886.7	0.00536 (05082924)	0.00540 (07072603)	0.00523 (07091802)	0.00519 (07040123)	0.00474 (07040123)
3757856.7	0.00580 (07090806)	0.00584 (07072603)	0.00567 (07091802)	0.00561 (07040123)	0.00496 (07040123)
3757826.7	0.00632 (07090806)	0.00635 (07072603)	0.00618 (07091802)	0.00605 (07040123)	0.00539 (07122005)
3757796.7	0.00692 (07090806)	0.00694 (07072603)	0.00676 (07091802)	0.00655 (07040123)	0.00595 (07062524)
3757766.7	0.00763 (07072704)	0.00763 (07072603)	0.00743 (07091802)	0.00709 (07040123)	0.00693 (07062524)
3757736.7	0.00847 (07072704)	0.00847 (07072603)	0.00823 (07091802)	0.00769 (07040123)	0.00795 (07062524)
3757706.7	0.00946 (07072704)	0.00949 (07072603)	0.00917 (07091802)	0.00836 (07040123)	0.00895 (07062524)
3757676.7	0.01065 (07072704)	0.01076 (07072603)	0.01035 (07040123)	0.00990 (07062524)	0.00989 (07062524)
3757646.7	0.01212 (07072704)	0.01240 (07072603)	0.01192 (07040123)	0.01174 (07062524)	0.01092 (07091723)
3757616.7	0.01403 (07072704)	0.01462 (07072603)	0.01395 (07040123)	0.01376 (07062524)	0.01260 (05082807)
3757586.7	0.01730 (07062501)	0.01779 (07072603)	0.01674 (07062524)	0.01609 (05082807)	0.01486 (07071124)
3757556.7	0.00000 (00000000)	0.00000 (00000000)	0.00000 (00000000)	0.02030 (05082807)	0.01715 (07062424)
3757526.7	0.00000 (00000000)	0.00000 (00000000)	0.00000 (00000000)	0.00000 (00000000)	0.02241 (05082707)
3757496.7	0.00000 (00000000)	0.00000 (00000000)	0.00000 (00000000)	0.00000 (00000000)	0.00000 (00000000)
3757466.7	0.00000 (00000000)	0.00000 (00000000)	0.00000 (00000000)	0.00000 (00000000)	0.00000 (00000000)
3757436.7	0.00000 (00000000)	0.00000 (00000000)	0.00000 (00000000)	0.00000 (00000000)	0.00000 (00000000)
3757406.7	0.00000 (00000000)	0.00000 (00000000)	0.00000 (00000000)	0.00000 (00000000)	0.02165 (05041521)
3757376.7	0.00000 (00000000)	0.00000 (00000000)	0.00000 (00000000)	0.02367 (07090807)	0.01914 (05062305)
3757346.7	0.01893 (07081701)	0.01915 (07081701)	0.01861 (07051822)	0.01821 (06053105)	0.01684 (07090807)
3757316.7	0.01574 (07081701)	0.01535 (05083003)	0.01480 (07103023)	0.01527 (06053105)	0.01478 (07090807)
3757286.7	0.01343 (07081701)	0.01289 (06111620)	0.01236 (07103023)	0.01262 (07051822)	0.01241 (07090807)
3757256.7	0.01163 (07081701)	0.01109 (06111620)	0.01056 (05042102)	0.01066 (07051822)	0.01107 (06053105)
3757226.7	0.01017 (07081701)	0.00970 (06111620)	0.00936 (05042102)	0.00928 (05091702)	0.00958 (06053105)
3757196.7	0.00894 (07081701)	0.00861 (06111620)	0.00840 (05042102)	0.00833 (07103023)	0.00845 (07051822)
3757166.7	0.00789 (07081701)	0.00774 (07081604)	0.00761 (05042102)	0.00750 (07103023)	0.00740 (07051822)
3757136.7	0.00707 (05083003)	0.00702 (07081604)	0.00695 (05042102)	0.00673 (07103023)	0.00671 (05091702)
3757106.7	0.00650 (05083003)	0.00641 (07081604)	0.00638 (05042102)	0.00604 (07103023)	0.00612 (05091702)
3757076.7	0.00600 (05083003)	0.00590 (07081604)	0.00588 (05042102)	0.00541 (07103023)	0.00566 (07103023)
3757046.7	0.00556 (05083003)	0.00545 (07081604)	0.00545 (05042102)	0.00484 (07103023)	0.00527 (07103023)
3757016.7	0.00517 (05083003)	0.00506 (07081604)	0.00507 (05042102)	0.00448 (05042102)	0.00488 (07103023)
3756986.7	0.00482 (05083003)	0.00471 (07081604)	0.00473 (05042102)	0.00424 (05042102)	0.00450 (07103023)
3756956.7	0.00451 (05083003)	0.00441 (07081604)	0.00443 (05042102)	0.00402 (05042102)	0.00414 (07103023)
*** AERMOD - VERSION 09292 ***					
*** Site 14 - NO2				***	
10/26/10					
14:41:17					
PAGE 33					

***MODELOPTS: NonDEFAULT CONC

FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	372444.48	372474.48	X-COORD (METERS) 372504.48	372534.48	372564.48
3756926.7	0.00422 (05083003)	0.00413 (07081604)	0.00416 (05042102)	0.00382 (05042102)	0.00379 (07103023)
3756896.7	0.00396 (05083003)	0.00389 (07081604)	0.00391 (05042102)	0.00364 (05042102)	0.00347 (07103023)
3756866.7	0.00380 (06082207)	0.00367 (07081604)	0.00369 (05042102)	0.00347 (05042102)	0.00317 (07103023)

Site #14 – Localized NO₂ Concentrations

3756836.7	0.00371 (06082207)	0.00347 (07081604)	0.00348 (05042102)	0.00331 (05042102)	0.00289 (07103023)
3756806.7	0.00362 (06082207)	0.00332 (06082207)	0.00329 (05042102)	0.00316 (05042102)	0.00264 (07103023)
3756776.7	0.00353 (06082207)	0.00322 (06082207)	0.00312 (05042102)	0.00302 (05042102)	0.00255 (05042102)
3756746.7	0.00345 (06082207)	0.00313 (06082207)	0.00296 (05042102)	0.00289 (05042102)	0.00248 (05042102)
3756716.7	0.00337 (06082207)	0.00305 (06082207)	0.00282 (05042102)	0.00277 (05042102)	0.00240 (05042102)
3756686.7	0.00330 (06082207)	0.00297 (06082207)	0.00268 (05042102)	0.00266 (05042102)	0.00233 (05042102)
3756656.7	0.00323 (06082207)	0.00290 (06082207)	0.00256 (05042102)	0.00255 (05042102)	0.00226 (05042102)

*** AERMOD - VERSION 09292 *** *** Site 14 - NO2 ***
 10/26/10
 14:41:17
 PAGE 34

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Y-COORD (METERS)	372594.48	372624.48	X-COORD (METERS) 372654.48	372684.48	372714.48
3758126.7	0.00299 (07040123)	0.00262 (07122005)	0.00276 (07122005)	0.00289 (07062524)	0.00308 (07062524)
3758096.7	0.00309 (07040123)	0.00284 (07122005)	0.00289 (07122005)	0.00316 (07062524)	0.00322 (07062524)
3758066.7	0.00319 (07040123)	0.00306 (07122005)	0.00309 (07062524)	0.00342 (07062524)	0.00361 (05082807)
3758036.7	0.00328 (07040123)	0.00327 (07122005)	0.00344 (07062524)	0.00364 (07062524)	0.00432 (05082807)
3758006.7	0.00337 (07040123)	0.00347 (07122005)	0.00379 (07062524)	0.00381 (07062524)	0.00506 (05082807)
3757976.7	0.00362 (07122005)	0.00372 (07062524)	0.00411 (07062524)	0.00452 (05082807)	0.00578 (05082807)
3757946.7	0.00394 (07122005)	0.00418 (07062524)	0.00440 (07062524)	0.00534 (05082807)	0.00642 (05082807)
3757916.7	0.00426 (07122005)	0.00465 (07062524)	0.00474 (05082807)	0.00614 (05082807)	0.00691 (05082807)
3757886.7	0.00461 (07062524)	0.00509 (07062524)	0.00566 (05082807)	0.00684 (05082807)	0.00716 (05082807)
3757856.7	0.00526 (07062524)	0.00547 (07062524)	0.00657 (05082807)	0.00736 (05082807)	0.00713 (05082807)
3757826.7	0.00592 (07062524)	0.00608 (05082807)	0.00735 (05082807)	0.00760 (05082807)	0.00678 (05082807)
3757796.7	0.00655 (07062524)	0.00710 (05082807)	0.00791 (05082807)	0.00750 (05082807)	0.00613 (05082807)
3757766.7	0.00710 (07062524)	0.00798 (05082807)	0.00813 (05082807)	0.00704 (05082807)	0.00557 (07070124)
3757736.7	0.00782 (05082807)	0.00860 (05082807)	0.00794 (05082807)	0.00652 (07070124)	0.00615 (06090306)
3757706.7	0.00891 (05082807)	0.00884 (05082807)	0.00765 (07070124)	0.00694 (06090306)	0.00670 (06102522)
3757676.7	0.00977 (05082807)	0.00897 (07070124)	0.00794 (06090306)	0.00767 (06102522)	0.00882 (05082707)
3757646.7	0.01057 (07070124)	0.00938 (07070124)	0.00893 (06102522)	0.00992 (05082707)	0.01092 (05082707)
3757616.7	0.01168 (07070124)	0.01064 (06102522)	0.01119 (05082707)	0.01186 (05082707)	0.01168 (05082707)
3757586.7	0.01311 (06102522)	0.01296 (05082707)	0.01294 (05082707)	0.01211 (05082707)	0.01064 (05082707)
3757556.7	0.01607 (05082707)	0.01459 (05082707)	0.01264 (05082707)	0.01042 (05082707)	0.00884 (07112919)
3757526.7	0.01789 (05082707)	0.01384 (07072804)	0.01181 (07112919)	0.01007 (07112919)	0.00902 (05071903)
3757496.7	0.01758 (05091722)	0.01473 (05091722)	0.01261 (05091722)	0.01095 (05091722)	0.00959 (05091722)
3757466.7	0.01924 (06112321)	0.01559 (06112321)	0.01311 (06112321)	0.01130 (06112321)	0.00992 (06112321)
3757436.7	0.01797 (07081802)	0.01468 (06112321)	0.01250 (06112321)	0.01090 (06112321)	0.00967 (06112321)
3757406.7	0.01740 (05041521)	0.01441 (07081802)	0.01236 (07081802)	0.01051 (07081802)	0.00884 (07081802)
3757376.7	0.01597 (07062901)	0.01378 (05041521)	0.01170 (07082904)	0.01021 (07082904)	0.00927 (07081802)
3757346.7	0.01461 (05062305)	0.01273 (07062901)	0.01105 (05041521)	0.01009 (05041521)	0.00883 (07082904)
3757316.7	0.01351 (07090807)	0.01183 (05062305)	0.01054 (07062901)	0.00920 (07062901)	0.00862 (05041521)
3757286.7	0.01312 (07090807)	0.01168 (07090807)	0.00993 (05062305)	0.00893 (07062901)	0.00810 (07062901)
3757256.7	0.01197 (07090807)	0.01209 (07090807)	0.01039 (07090807)	0.00854 (05062305)	0.00769 (07062901)
3757226.7	0.01029 (07090807)	0.01165 (07090807)	0.01122 (07090807)	0.00930 (07090807)	0.00748 (05062305)
3757196.7	0.00865 (06053105)	0.01051 (07090807)	0.01124 (07090807)	0.01035 (07090807)	0.00830 (07090807)
3757166.7	0.00774 (06053105)	0.00893 (07090807)	0.01054 (07090807)	0.01071 (07090807)	0.00949 (07090807)
3757136.7	0.00689 (07051822)	0.00721 (07090807)	0.00932 (07090807)	0.01038 (07090807)	0.01009 (07090807)
3757106.7	0.00627 (07051822)	0.00647 (06053105)	0.00784 (07090807)	0.00951 (07090807)	0.01007 (07090807)
3757076.7	0.00559 (07051822)	0.00575 (06053105)	0.00632 (07090807)	0.00829 (07090807)	0.00951 (07090807)
3757046.7	0.00515 (05091702)	0.00536 (07051822)	0.00553 (06053105)	0.00692 (07090807)	0.00856 (07090807)
3757016.7	0.00482 (05091702)	0.00492 (07051822)	0.00502 (06053105)	0.00558 (07090807)	0.00739 (07090807)
3756986.7	0.00447 (05091702)	0.00444 (07051822)	0.00461 (07051822)	0.00502 (05102308)	0.00615 (07090807)
3756956.7	0.00420 (07103023)	0.00411 (05091702)	0.00433 (07051822)	0.00457 (05102308)	0.00506 (05102308)

*** AERMOD - VERSION 09292 *** *** Site 14 - NO2 ***
 10/26/10
 14:41:17
 PAGE 35

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Y-COORD (METERS)	372594.48	372624.48	X-COORD (METERS) 372654.48	372684.48	372714.48
3756926.7	0.00398 (07103023)	0.00392 (05091702)	0.00400 (07051822)	0.00406 (05102308)	0.00477 (05102308)
3756896.7	0.00375 (07103023)	0.00370 (05091702)	0.00364 (07051822)	0.00382 (07051822)	0.00438 (05102308)
3756866.7	0.00353 (07103023)	0.00347 (05091702)	0.00337 (05091702)	0.00360 (07051822)	0.00394 (05102308)
3756836.7	0.00330 (07103023)	0.00327 (07103023)	0.00326 (05091702)	0.00335 (07051822)	0.00347 (05102308)
3756806.7	0.00308 (07103023)	0.00314 (07103023)	0.00312 (05091702)	0.00306 (07051822)	0.00323 (07051822)
3756776.7	0.00287 (07103023)	0.00300 (07103023)	0.00296 (05091702)	0.00282 (05091702)	0.00306 (07051822)
3756746.7	0.00266 (07103023)	0.00286 (07103023)	0.00279 (05091702)	0.00275 (05091702)	0.00285 (07051822)
3756716.7	0.00247 (07103023)	0.00271 (07103023)	0.00264 (07103023)	0.00266 (05091702)	0.00262 (07051822)
3756686.7	0.00228 (07103023)	0.00256 (07103023)	0.00256 (07103023)	0.00256 (05091702)	0.00240 (05091702)
3756656.7	0.00211 (07103023)	0.00241 (07103023)	0.00247 (07103023)	0.00244 (05091702)	0.00236 (05091702)

*** AERMOD - VERSION 09292 *** *** Site 14 - NO2 ***
 10/26/10
 14:41:17
 PAGE 36

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Y-COORD (METERS)	372744.48	372774.48	X-COORD (METERS) 372804.48	372834.48	372864.48
3758126.7	0.00349 (05082807)	0.00458 (05082807)	0.00541 (05082807)	0.00580 (05082807)	0.00568 (05082807)
3758096.7	0.00414 (05082807)	0.00517 (05082807)	0.00582 (05082807)	0.00593 (05082807)	0.00551 (05082807)
3758066.7	0.00480 (05082807)	0.00571 (05082807)	0.00610 (05082807)	0.00589 (05082807)	0.00517 (05082807)
3758036.7	0.00546 (05082807)	0.00615 (05082807)	0.00621 (05082807)	0.00566 (05082807)	0.00469 (05082807)
3758006.7	0.00605 (05082807)	0.00643 (05082807)	0.00611 (05082807)	0.00525 (05082807)	0.00409 (05082807)
3757976.7	0.00651 (05082807)	0.00650 (05082807)	0.00580 (05082807)	0.00467 (05082807)	0.00341 (05082807)

Site #14 - Localized NO2 Concentrations

Table with 6 columns of numerical data representing NO2 concentrations for various source IDs (e.g., 3757946.7, 3757916.7, etc.). Includes header information: *** AERMOD - VERSION 09292 *** and *** Site 14 - NO2 ***.

Table header and first row of data for the first section. Includes model options (NonDEFAULT CONC), flat terrain (FLAT), and network ID (UCART1).

Table with 6 columns of numerical data representing NO2 concentrations for various source IDs (e.g., 3756926.7, 3756896.7, etc.). Includes header information: *** AERMOD - VERSION 09292 *** and *** Site 14 - NO2 ***.

Table header and first row of data for the second section. Includes model options (NonDEFAULT CONC), flat terrain (FLAT), and network ID (UCART1).

Table with 6 columns of numerical data representing NO2 concentrations for various source IDs (e.g., 3758126.7, 3758096.7, etc.). Includes header information: *** AERMOD - VERSION 09292 *** and *** Site 14 - NO2 ***.

Site #14 – Localized NO₂ Concentrations

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3757046.7 | 0.00492 (06081607) 0.00481 (06081607) 0.00438 (06081607) 0.00373 (06081607) 0.00362 (07091107)
3757016.7 | 0.00449 (06081607) 0.00476 (06081607) 0.00468 (06081607) 0.00429 (06081607) 0.00369 (06081607)
3756986.7 | 0.00533 (07090807) 0.00436 (06081607) 0.00462 (06081607) 0.00455 (06081607) 0.00420 (06081607)
3756956.7 | 0.00627 (07090807) 0.00484 (07090807) 0.00424 (06081607) 0.00448 (06081607) 0.00443 (06081607)
*** AERMOD - VERSION 09292 *** *** Site 14 - NO2 ***
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10/26/10
14:41:17
PAGE 39

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**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD | X-COORD (METERS)
(METERS) | 372894.48 372924.48 372954.48 372984.48 373014.48
-----|-----
3756926.7 | 0.00703 (07090807) 0.00575 (07090807) 0.00440 (07090807) 0.00412 (06081607) 0.00435 (06081607)
3756896.7 | 0.00753 (07090807) 0.00653 (07090807) 0.00527 (07090807) 0.00400 (07090807) 0.00401 (06081607)
3756866.7 | 0.00775 (07090807) 0.00709 (07090807) 0.00605 (07090807) 0.00484 (07090807) 0.00365 (07090807)
3756836.7 | 0.00769 (07090807) 0.00741 (07090807) 0.00665 (07090807) 0.00560 (07090807) 0.00443 (07090807)
3756806.7 | 0.00738 (07090807) 0.00747 (07090807) 0.00704 (07090807) 0.00622 (07090807) 0.00518 (07090807)
3756776.7 | 0.00687 (07090807) 0.00728 (07090807) 0.00720 (07090807) 0.00667 (07090807) 0.00581 (07090807)
3756746.7 | 0.00623 (07090807) 0.00690 (07090807) 0.00714 (07090807) 0.00692 (07090807) 0.00630 (07090807)
3756716.7 | 0.00551 (07090807) 0.00637 (07090807) 0.00687 (07090807) 0.00695 (07090807) 0.00661 (07090807)
3756686.7 | 0.00477 (07090807) 0.00574 (07090807) 0.00645 (07090807) 0.00679 (07090807) 0.00673 (07090807)
3756656.7 | 0.00405 (07090807) 0.00506 (07090807) 0.00590 (07090807) 0.00647 (07090807) 0.00667 (07090807)
*** AERMOD - VERSION 09292 *** *** Site 14 - NO2 ***
***
10/26/10
14:41:17
PAGE 40

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**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD | X-COORD (METERS)
(METERS) | 373044.48 373074.48 373104.48 373134.48 373164.48
-----|-----
3758126.7 | 0.00214 (06090306) 0.00224 (06090306) 0.00220 (06090306) 0.00213 (06102522) 0.00213 (06102522)
3758096.7 | 0.00236 (06090306) 0.00234 (06090306) 0.00226 (06102522) 0.00225 (06102522) 0.00262 (05082707)
3758066.7 | 0.00248 (06090306) 0.00240 (06102522) 0.00238 (06102522) 0.00287 (05082707) 0.00355 (05082707)
3758036.7 | 0.00255 (06102522) 0.00253 (06102522) 0.00314 (05082707) 0.00387 (05082707) 0.00459 (05082707)
3758006.7 | 0.00269 (06102522) 0.00344 (05082707) 0.00422 (05082707) 0.00497 (05082707) 0.00563 (05082707)
3757976.7 | 0.00378 (05082707) 0.00461 (05082707) 0.00538 (05082707) 0.00603 (05082707) 0.00652 (05082707)
3757946.7 | 0.00503 (05082707) 0.00582 (05082707) 0.00646 (05082707) 0.00691 (05082707) 0.00713 (05082707)
3757916.7 | 0.00630 (05082707) 0.00691 (05082707) 0.00729 (05082707) 0.00741 (05082707) 0.00730 (05082707)
3757886.7 | 0.00737 (05082707) 0.00766 (05082707) 0.00767 (05082707) 0.00742 (05082707) 0.00697 (05082707)
3757856.7 | 0.00800 (05082707) 0.00788 (05082707) 0.00749 (05082707) 0.00691 (05082707) 0.00620 (05082707)
3757826.7 | 0.00803 (05082707) 0.00748 (05082707) 0.00676 (05082707) 0.00594 (05082707) 0.00510 (05082707)
3757796.7 | 0.00739 (05082707) 0.00653 (05082707) 0.00561 (05082707) 0.00471 (05082707) 0.00386 (05082707)
3757766.7 | 0.00621 (05082707) 0.00521 (05082707) 0.00427 (05082707) 0.00360 (06081407) 0.00357 (06081407)
3757736.7 | 0.00473 (05082707) 0.00379 (06081407) 0.00373 (06081407) 0.00359 (06081407) 0.00339 (06081407)
3757706.7 | 0.00390 (06081407) 0.00373 (06081407) 0.00348 (06081407) 0.00320 (06081407) 0.00289 (06081407)
3757676.7 | 0.00357 (06081407) 0.00332 (07112919) 0.00306 (07112919) 0.00278 (07112919) 0.00250 (07112919)
3757646.7 | 0.00333 (07112919) 0.00298 (07112919) 0.00271 (05071903) 0.00271 (05071903) 0.00269 (05071903)
3757616.7 | 0.00338 (05071903) 0.00331 (05071903) 0.00322 (05071903) 0.00311 (05071903) 0.00299 (05071903)
3757586.7 | 0.00375 (05071903) 0.00355 (05071903) 0.00340 (05091722) 0.00326 (05091722) 0.00311 (05091722)
3757556.7 | 0.00388 (05091722) 0.00364 (05091722) 0.00341 (05091722) 0.00322 (06090106) 0.00306 (06090106)
3757526.7 | 0.00383 (07072605) 0.00363 (07072605) 0.00343 (07072605) 0.00326 (06061524) 0.00312 (06061524)
3757496.7 | 0.00396 (06061524) 0.00373 (06061524) 0.00352 (06061524) 0.00333 (06061524) 0.00315 (06061524)
3757466.7 | 0.00397 (06112321) 0.00374 (06112321) 0.00353 (06112321) 0.00334 (06112321) 0.00317 (06112321)
3757436.7 | 0.00419 (06112321) 0.00396 (06112321) 0.00376 (06112321) 0.00357 (06112321) 0.00340 (06112321)
3757406.7 | 0.00368 (06112321) 0.00352 (06112321) 0.00337 (06112321) 0.00324 (06112321) 0.00311 (06112321)
3757376.7 | 0.00451 (07031508) 0.00424 (07031508) 0.00399 (07031508) 0.00374 (07031508) 0.00350 (07031508)
3757346.7 | 0.00499 (07031508) 0.00483 (07031508) 0.00466 (07031508) 0.00447 (07031508) 0.00428 (07031508)
3757316.7 | 0.00471 (07031508) 0.00472 (07031508) 0.00470 (07031508) 0.00465 (07031508) 0.00457 (07031508)
3757286.7 | 0.00381 (07031508) 0.00398 (07031508) 0.00411 (07031508) 0.00420 (07031508) 0.00427 (07031508)
3757256.7 | 0.00369 (07081802) 0.00353 (07081802) 0.00333 (07081802) 0.00332 (07031508) 0.00350 (07031508)
3757226.7 | 0.00352 (07081201) 0.00334 (07081201) 0.00321 (07081802) 0.00313 (07081802) 0.00300 (07081802)
3757196.7 | 0.00355 (07082904) 0.00325 (07082904) 0.00310 (07081201) 0.00299 (07081201) 0.00283 (07081201)
3757166.7 | 0.00348 (07091107) 0.00325 (07082904) 0.00316 (07082904) 0.00300 (07082904) 0.00279 (07082904)
3757136.7 | 0.00425 (07091107) 0.00373 (07091107) 0.00317 (07091107) 0.00289 (07082904) 0.00283 (07082904)
3757106.7 | 0.00463 (07091107) 0.00433 (07091107) 0.00391 (07091107) 0.00341 (07091107) 0.00289 (07091107)
3757076.7 | 0.00455 (07091107) 0.00454 (07091107) 0.00436 (07091107) 0.00403 (07091107) 0.00360 (07091107)
3757046.7 | 0.00405 (07091107) 0.00431 (07091107) 0.00440 (07091107) 0.00432 (07091107) 0.00409 (07091107)
3757016.7 | 0.00329 (07091107) 0.00374 (07091107) 0.00406 (07091107) 0.00423 (07091107) 0.00423 (07091107)
3756986.7 | 0.00365 (06081607) 0.00303 (07062901) 0.00344 (07091107) 0.00380 (07091107) 0.00403 (07091107)
3756956.7 | 0.00411 (06081607) 0.00361 (06081607) 0.00300 (06081607) 0.00316 (07091107) 0.00354 (07091107)
*** AERMOD - VERSION 09292 *** *** Site 14 - NO2 ***
***
10/26/10
14:41:17
PAGE 41

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**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD | X-COORD (METERS)
(METERS) | 373044.48 373074.48 373104.48 373134.48 373164.48
-----|-----
3756926.7 | 0.00431 (06081607) 0.00403 (06081607) 0.00356 (06081607) 0.00299 (06081607) 0.00289 (07091107)
3756896.7 | 0.00423 (06081607) 0.00420 (06081607) 0.00395 (06081607) 0.00351 (06081607) 0.00298 (06081607)
3756866.7 | 0.00391 (06081607) 0.00412 (06081607) 0.00410 (06081607) 0.00387 (06081607) 0.00347 (06081607)
3756836.7 | 0.00341 (06081607) 0.00381 (06081607) 0.00401 (06081607) 0.00400 (06081607) 0.00379 (06081607)
3756806.7 | 0.00407 (07090807) 0.00333 (06081607) 0.00371 (06081607) 0.00391 (06081607) 0.00391 (06081607)
3756776.7 | 0.00479 (07090807) 0.00374 (07090807) 0.00327 (06081607) 0.00363 (06081607) 0.00381 (06081607)
3756746.7 | 0.00542 (07090807) 0.00442 (07090807) 0.00344 (07090807) 0.00320 (06081607) 0.00354 (06081607)
3756716.7 | 0.00594 (07090807) 0.00505 (07090807) 0.00409 (07090807) 0.00316 (07090807) 0.00314 (06081607)
3756686.7 | 0.00630 (07090807) 0.00558 (07090807) 0.00471 (07090807) 0.00378 (07090807) 0.00291 (07090807)

```

Site #14 – Localized NO₂ Concentrations

3756656.7 | 0.00649 (07090807) 0.00598 (07090807) 0.00524 (07090807) 0.00438 (07090807) 0.00350 (07090807)
 *** AERMOD - VERSION 09292 *** *** Site 14 - NO2 ***
 *** 10/26/10
 *** 14:41:17
 *** PAGE 42

**MODELOPTs: NonDEFAULT CONC

FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF NOX		IN PPM			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372149.67	3757202.57	0.00918	(07070106)	372200.97	3757196.42	0.00948	(07070106)
372734.43	3757083.57	0.00979	(07090807)	372746.74	3757147.17	0.00812	(07090807)
372767.26	3757192.31	0.00601	(05062305)	372894.46	3757118.45	0.00445	(07062901)
372371.27	3757725.77	0.00899	(06090607)				

*** AERMOD - VERSION 09292 *** *** Site 14 - NO2 ***
 *** 10/26/10
 *** 14:41:17
 *** PAGE 43

**MODELOPTs: NonDEFAULT CONC

FLAT
 NODRYDPLT NOWETDPLT

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 3 YEARS ***

		** CONC OF NOX		IN PPM					
GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				OF TYPE	NETWORK GRID-ID		
ALL	1ST HIGHEST VALUE IS	0.00367	AT (	372564.48,	3757526.71,	10.00,	10.00,	0.00)	GC UCART1
	2ND HIGHEST VALUE IS	0.00333	AT (	372594.48,	3757496.71,	10.00,	10.00,	0.00)	GC UCART1
	3RD HIGHEST VALUE IS	0.00323	AT (	372384.48,	3757406.71,	10.00,	10.00,	0.00)	GC UCART1
	4TH HIGHEST VALUE IS	0.00315	AT (	372564.48,	3757556.71,	10.00,	10.00,	0.00)	GC UCART1
	5TH HIGHEST VALUE IS	0.00314	AT (	372594.48,	3757526.71,	10.00,	10.00,	0.00)	GC UCART1
	6TH HIGHEST VALUE IS	0.00293	AT (	372594.48,	3757466.71,	10.00,	10.00,	0.00)	GC UCART1
	7TH HIGHEST VALUE IS	0.00287	AT (	372534.48,	3757556.71,	10.00,	10.00,	0.00)	GC UCART1
	8TH HIGHEST VALUE IS	0.00285	AT (	372384.48,	3757376.71,	10.00,	10.00,	0.00)	GC UCART1
	9TH HIGHEST VALUE IS	0.00275	AT (	372414.48,	3757376.71,	10.00,	10.00,	0.00)	GC UCART1
	10TH HIGHEST VALUE IS	0.00269	AT (	372354.48,	3757436.71,	10.00,	10.00,	0.00)	GC UCART1

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

*** AERMOD - VERSION 09292 *** *** Site 14 - NO2 ***
 *** 10/26/10
 *** 14:41:17
 *** PAGE 44

**MODELOPTs: NonDEFAULT CONC

FLAT
 NODRYDPLT NOWETDPLT

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

		** CONC OF NOX		IN PPM					
GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				OF TYPE	NETWORK GRID-ID	
ALL	HIGH 1ST HIGH VALUE IS	0.02367	ON 07090807: AT (372534.48,	3757376.71,	10.00,	10.00,	0.00)	GC UCART1

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

*** AERMOD - VERSION 09292 *** *** Site 14 - NO2 ***
 *** 10/26/10
 *** 14:41:17
 *** PAGE 45

**MODELOPTs: NonDEFAULT CONC

FLAT
 NODRYDPLT NOWETDPLT

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

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

A Total of 0 Fatal Error Message(s)
 A Total of 0 Warning Message(s)
 A Total of 152 Informational Message(s)
 A Total of 26280 Hours Were Processed
 A Total of 15 Calm Hours Identified
 A Total of 137 Missing Hours Identified (0.52 Percent)

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

***** WARNING MESSAGES *****
 *** NONE ***

 *** AERMOD Finishes Successfully ***

Site #14 – Localized PM₁₀ Concentrations

```
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 6.7.1
** Lakes Environmental Software Inc.
** Date: 10/26/2010
** File: C:\Documents and Settings\jbailey\Desktop\Site 14\PM10.ADI
**
*****
**
**
** AERMOD Control Pathway
*****
**
**
CO STARTING
TITLEONE Site 14 - PM10
MODELOPT CONC NODRYDPLT NOWETDPLT FLAT
AVERTIME 24
URBANOPT 9862049 Los_Angeles_County
POLLUTID PM10.
RUNORNOT RUN
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION VOL1 VOLUME 372476.980 3757462.370 0.0
** DESCRSRC Equipment
LOCATION AREAL AREA 372375.088 3757366.846 0.0
** DESCRSRC Dust
** Source Parameters **
SRCPARAM VOL1 0.0404 4.100 46.783 1.163
SRCPARAM AREAL 0.00004785 0.000 201.168 201.168 0.000
URBANSRC AREAL-VOL1
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
GRIDCART UCART1 STA
XYINC 371695.22 50 30.00 3756650.16 50 30.00
GRIDCART UCART1 END
** DESCRREC ** **
DISCCART 372149.67 3757202.57
DISCCART 372200.97 3757196.42
DISCCART 372734.43 3757083.57
DISCCART 372746.74 3757147.17
DISCCART 372767.26 3757192.31
DISCCART 372894.46 3757118.45
DISCCART 372371.27 3757725.77
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
SURFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC"
PROFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL"
SURFDATA 0 2005
UAIRDATA 3190 2005
PROFBASE 10 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 24 1ST
** Auto-Generated Plotfiles
PLOTFILE 24 ALL 1ST PM10.AD\24H1GALL.PLT
OU FINISHED

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

*** AERMOD - VERSION 09292 *** ** Site 14 - PM10 ***
***
*** 10/26/10
*** 14:48:25
*** PAGE 1

**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

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

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

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

**Model Uses URBAN Dispersion Algorithm for the SBL for 2 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 9862049.0 ; Urban Roughness Length = 1.000 m
```

Site #14 – Localized PM₁₀ Concentrations

**Model Allows User-Specified Options:

1. Stack-tip Downwash.
2. Model Assumes Receptors on FLAT Terrain.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Urban Roughness Length of 1.0 Meter Used.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates 1 Short Term Average(s) of: 24-HR

**This Run Includes: 2 Source(s); 1 Source Group(s); and 2507 Receptor(s)

**The Model Assumes A Pollutant Type of: PM10.

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

**Output Options Selected:

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
 Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

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

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 10.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.8 MB of RAM.

*** AERMOD - VERSION 09292 *** Site 14 - PM10 *** 10/26/10
 *** 14:48:25
 *** PAGE 2

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
VOLL	0	0.40400E-01	372477.0	3757462.4	10.0	4.10	46.78	1.16	YES	
*** AERMOD - VERSION 09292 ***	***	***	*** Site 14 - PM10	***	***	***	***	***	***	10/26/10 14:48:25 PAGE 3

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** 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)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
AREAL	0	0.47850E-04	372375.1	3757366.8	10.0	0.00	201.17	201.17	0.00	0.00	YES	
*** AERMOD - VERSION 09292 ***	***	***	*** Site 14 - PM10	***	***	***	***	***	***	***	***	10/26/10 14:48:25 PAGE 4

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

ALL VOLL , AREAL ,
 *** AERMOD - VERSION 09292 *** Site 14 - PM10 *** 10/26/10
 *** 14:48:25
 *** PAGE 5

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
 (METERS)

371695.2, 371725.2, 371755.2, 371785.2, 371815.2, 371845.2, 371875.2, 371905.2, 371935.2, 371965.2,
 371995.2, 372025.2, 372055.2, 372085.2, 372115.2, 372145.2, 372175.2, 372205.2, 372235.2, 372265.2,
 372295.2, 372325.2, 372355.2, 372385.2, 372415.2, 372445.2, 372475.2, 372505.2, 372535.2, 372565.2,
 372595.2, 372625.2, 372655.2, 372685.2, 372715.2, 372745.2, 372775.2, 372805.2, 372835.2, 372865.2,
 372895.2, 372925.2, 372955.2, 373015.2, 373045.2, 373075.2, 373105.2, 373135.2, 373165.2,

*** Y-COORDINATES OF GRID ***
 (METERS)

3756650.2, 3756680.2, 3756710.2, 3756740.2, 3756770.2, 3756800.2, 3756830.2, 3756860.2, 3756890.2, 3756920.2,
 3756950.2, 3756980.2, 3757010.2, 3757040.2, 3757070.2, 3757100.2, 3757130.2, 3757160.2, 3757190.2, 3757220.2,
 3757250.2, 3757280.2, 3757310.2, 3757340.2, 3757370.2, 3757400.2, 3757430.2, 3757460.2, 3757490.2, 3757520.2,
 3757550.2, 3757580.2, 3757610.2, 3757640.2, 3757670.2, 3757700.2, 3757730.2, 3757760.2, 3757790.2, 3757820.2,
 3757850.2, 3757880.2, 3757910.2, 3757940.2, 3757970.2, 3758000.2, 3758030.2, 3758060.2, 3758090.2, 3758120.2,

*** AERMOD - VERSION 09292 *** Site 14 - PM10 *** 10/26/10
 *** 14:48:25
 *** PAGE 6

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

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

Site #14 – Localized PM₁₀ Concentrations

05 01 01	1 13	28.1	0.223	0.983	0.010	1221.	241.	-35.4	0.26	1.00	0.18	1.70	184.	9.1	287.0	5.5
05 01 01	1 14	17.9	0.256	0.847	0.009	1225.	298.	-84.4	0.26	1.00	0.19	2.10	201.	9.1	287.0	5.5
05 01 01	1 15	4.2	0.231	0.521	0.009	1226.	256.	-268.6	0.26	1.00	0.22	2.00	205.	9.1	286.4	5.5
05 01 01	1 16	0.1	0.180	0.151	0.009	1226.	176.	-5231.4	0.26	1.00	0.31	1.60	211.	9.1	286.4	5.5
05 01 01	1 17	-1.7	0.045	-9.000	-9.000	-999.	46.	4.9	0.26	1.00	0.57	0.80	216.	9.1	285.9	5.5
05 01 01	1 18	-0.6	0.028	-9.000	-9.000	-999.	11.	3.4	0.26	1.00	1.00	0.50	38.	9.1	285.4	5.5
05 01 01	1 19	-0.4	0.022	-9.000	-9.000	-999.	8.	2.8	0.26	1.00	1.00	0.40	261.	9.1	284.9	5.5
05 01 01	1 20	-0.4	0.022	-9.000	-9.000	-999.	8.	2.8	0.26	1.00	1.00	0.40	337.	9.1	284.9	5.5
05 01 01	1 21	-1.5	0.045	-9.000	-9.000	-999.	22.	5.5	0.26	1.00	1.00	0.80	12.	9.1	284.9	5.5
05 01 01	1 22	-1.5	0.045	-9.000	-9.000	-999.	22.	5.5	0.26	1.00	1.00	0.80	360.	9.1	284.9	5.5
05 01 01	1 23	-1.9	0.050	-9.000	-9.000	-999.	26.	6.2	0.26	1.00	1.00	0.90	46.	9.1	284.2	5.5
05 01 01	1 24	-1.5	0.045	-9.000	-9.000	-999.	22.	5.5	0.26	1.00	1.00	0.80	12.	9.1	284.2	5.5

First hour of profile data
 YR MO DY HR HEIGHT F WDIR WSPD AMB_TMP sigmaA sigmaW sigmaV
 05 01 01 01 5.5 0 -999. -99.00 282.6 99.0 -99.00 -99.00
 05 01 01 01 9.1 1 52. 1.10 -999.0 99.0 -99.00 -99.00

F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 09292 *** Site 14 - PM10 *** 10/26/10
 *** 14:48:25
 PAGE 10

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT
 *** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,
 *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
 ** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	371695.22	371725.22	371755.22	371785.22	371815.22
3758120.2	19.82665 (07021124)	19.88098 (07021124)	20.23382 (06071424)	20.23982 (06071424)	22.08488 (07071924)
3758090.2	19.31462 (07021124)	20.63503 (07021124)	20.91771 (07021124)	21.34979 (06071424)	21.48379 (06071424)
3758060.2	19.87692 (05030524)	19.84036 (07021124)	21.45732 (07021124)	22.00245 (07021124)	22.53744 (06071424)
3758030.2	25.16158 (06110124)	22.20903 (06110124)	20.62215 (05030524)	22.29245 (07021124)	23.13606 (07021124)
3758000.2	29.59535 (06110124)	27.94149 (06110124)	25.24314 (06110124)	21.81109 (05030524)	23.13771 (07021124)
3757970.2	31.62665 (06110124)	31.79361 (06110124)	30.72804 (06110124)	28.43598 (06110124)	25.08764 (06110124)
3757940.2	30.85364 (06110124)	32.85482 (06110124)	33.78561 (06110124)	33.44140 (06110124)	31.72445 (06110124)
3757910.2	27.55033 (06110124)	31.00825 (06110124)	33.74915 (06110124)	35.50127 (06110124)	35.99554 (06110124)
3757880.2	28.94011 (07091324)	28.70330 (07091324)	30.80255 (06110124)	34.27970 (06110124)	36.88062 (06110124)
3757850.2	30.35563 (07091324)	31.28879 (07091324)	31.67685 (07091324)	31.44634 (07091324)	34.42678 (06110124)
3757820.2	29.54807 (07091324)	31.57767 (07091324)	33.21848 (07091324)	34.35328 (07091324)	34.86886 (07091324)
3757790.2	30.58603 (07020624)	31.04142 (07020624)	32.21934 (07091324)	34.59160 (07091324)	36.54795 (07091324)
3757760.2	34.22188 (07020624)	35.33969 (07020624)	36.27261 (07020624)	36.91782 (07020624)	37.19911 (07020624)
3757730.2	36.06666 (07020624)	37.89356 (07020624)	39.75634 (07020624)	41.52637 (07020624)	43.04554 (07020624)
3757700.2	35.77043 (07020624)	37.92318 (07020624)	40.32277 (07020624)	42.94413 (07020624)	45.69012 (07020624)
3757670.2	33.90418 (07020624)	36.12345 (07020624)	38.58174 (07020624)	41.36390 (07020624)	44.52164 (07020624)
3757640.2	35.35039 (07030624)	36.63148 (07030624)	37.80634 (07030624)	38.85394 (07030624)	41.38944 (07020624)
3757610.2	35.19410 (07030624)	37.20483 (07030624)	39.22799 (07030624)	41.23445 (07030624)	43.19736 (07030624)
3757580.2	39.27003 (05122624)	40.78741 (05122624)	42.34683 (05122624)	43.95160 (05122624)	45.60712 (05122624)
3757550.2	44.32799 (05122624)	46.58635 (05122624)	48.97144 (05122624)	51.49288 (05122624)	54.16043 (05122624)
3757520.2	48.15574 (05122624)	51.02162 (05122624)	54.10976 (05122624)	57.43810 (05122624)	61.02791 (05122624)
3757490.2	49.79564 (05122624)	52.85630 (05122624)	56.18641 (05122624)	59.81481 (05122624)	63.76892 (05122624)
3757460.2	48.80096 (05122624)	51.57976 (05122624)	54.60324 (05122624)	57.89973 (05122624)	61.50237 (05122624)
3757430.2	47.42529 (07112524)	49.72459 (07112524)	52.24146m (05012424)	56.99002m (05012424)	62.34017m (05012424)
3757400.2	50.52159 (06110924)	53.87847m (05012424)	58.54044m (05012424)	63.69730m (05012424)	69.38293m (05012424)
3757370.2	55.39430m (05012424)	59.70165m (05012424)	64.34214m (05012424)	69.31636m (05012424)	74.61675m (05012424)
3757340.2	60.09162m (05012424)	64.03133m (05012424)	68.12739m (05012424)	72.35469m (05012424)	76.69025m (05012424)
3757310.2	62.10758m (05012424)	65.21827m (05012424)	68.31484m (05012424)	71.37512m (05012424)	74.38757m (05012424)
3757280.2	60.40139m (05012424)	62.98381 (06012524)	67.39131 (06012524)	71.88758 (06012524)	76.43132 (06012524)
3757250.2	61.58832 (06012524)	64.90595 (06012524)	68.14204 (06012524)	71.27026 (06012524)	74.28830 (06012524)
3757220.2	60.24206 (06012524)	62.30206 (06012524)	64.18718 (06012524)	65.92700 (06012524)	67.60004 (06012524)
3757190.2	55.50099 (06012524)	56.89523c (06111824)	59.12617c (06111824)	63.08508 (05120724)	67.84111 (05120724)
3757160.2	52.06060c (06111824)	55.80063 (05120724)	59.64442 (05120724)	63.49734 (05121124)	68.33471 (05121124)
3757130.2	52.87521 (05120724)	56.28042 (05121124)	59.92104 (05121124)	63.72060 (05121124)	67.66729 (05121124)
3757100.2	52.97006 (05121124)	55.81130 (05121124)	58.76668 (05121124)	61.83060 (05121124)	65.07460 (05110424)
3757070.2	52.97635 (06122024)	55.58204 (06122024)	57.60519 (05110424)	60.40210 (07123024)	65.64475 (07123024)
3757040.2	52.10665 (06122024)	54.15641 (06111624)	58.37400 (06111624)	62.28395 (07123024)	65.44429 (07123024)
3757010.2	52.82464 (06111624)	55.99092 (06111624)	58.80804 (07123024)	60.97686 (07123024)	61.91391 (07123024)
3756980.2	53.26422 (06111624)	55.31528 (07123024)	56.65870 (07123024)	57.11164 (05110524)	62.47317 (05110524)
3756950.2	51.87838 (07123024)	52.53542 (07123024)	53.88214 (05110524)	60.04061 (05111224)	65.01417 (05111224)

*** AERMOD - VERSION 09292 *** Site 14 - PM10 *** 10/26/10
 *** 14:48:25
 PAGE 11

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT
 *** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,
 *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
 ** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	371695.22	371725.22	371755.22	371785.22	371815.22
3756920.2	48.63777 (07123024)	52.25539 (05111224)	57.59680 (05111224)	61.65730 (05111224)	63.96543 (05111224)
3756890.2	50.63137 (05111224)	55.16604 (05111224)	58.43770 (05111224)	60.07063 (05111224)	60.79515 (05120824)
3756860.2	52.76828 (05111224)	55.36755 (05111224)	56.43982 (05111224)	56.88105 (05120824)	57.49158 (05120824)
3756830.2	52.44724 (05111224)	53.06224 (05111224)	53.31973 (05120824)	53.65772 (05120824)	55.71282 (05100924)
3756800.2	49.92531 (05111224)	50.07553 (05120824)	50.20270 (05120824)	52.31804 (05100924)	54.22416 (05100924)
3756770.2	47.11573 (05120824)	47.07886 (05120824)	49.25533 (05100924)	51.07252 (05100924)	51.37159 (05100924)
3756740.2	44.24957 (05120824)	46.48178 (05100924)	48.21777 (05100924)	48.57234 (05100924)	47.32743 (05100924)
3756710.2	43.96183 (05100924)	45.62160 (05100924)	46.02251 (05100924)	44.95395 (05100924)	45.51371 (05122924)
3756680.2	43.25157 (05100924)	43.68992 (05100924)	42.77720 (05100924)	42.74677 (05122924)	44.07705 (05122924)
3756650.2	41.54947 (05100924)	40.77456 (05100924)	40.22185 (05122924)	41.54546 (05122924)	42.04539 (05122924)

*** AERMOD - VERSION 09292 *** Site 14 - PM10 *** 10/26/10
 *** 14:48:25
 PAGE 12

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT
 *** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,
 *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Site #14 – Localized PM₁₀ Concentrations

** CONC OF PM10. IN MICROGRAMS/M**3 **					
Y-COORD (METERS)	371845.22	371875.22	X-COORD (METERS) 371905.22	371935.22	371965.22
3758120.2	25.25868 (07071924)	30.65762 (06062824)	34.84569 (06062824)	37.05670 (06062824)	36.91280 (06062824)
3758090.2	23.35562 (07071924)	27.21948 (06062824)	32.91472 (06062824)	37.15581 (06062824)	39.15987 (06062824)
3758060.2	22.82513 (06071424)	25.00023m (05010924)	29.42055 (06062824)	35.39541 (06062824)	39.66028 (06062824)
3758030.2	23.80433 (06071424)	24.27779 (06071424)	26.88575m (05010924)	31.86748 (06062824)	38.12753 (06062824)
3758000.2	24.32022 (07021124)	25.15717 (06071424)	25.85499 (06071424)	29.01104m (05010924)	34.59881 (06062824)
3757970.2	23.98924 (07021124)	25.55544 (07021124)	26.60831 (06071424)	27.69157m (05010924)	31.42280m (05010924)
3757940.2	28.71027 (06110124)	24.84638 (07021124)	26.84606 (07021124)	28.16582 (06071424)	29.95736m (05010924)
3757910.2	35.02828 (06110124)	32.54469 (06110124)	28.72362 (06110124)	28.19030 (07021124)	29.84279 (06071424)
3757880.2	38.30172 (06110124)	38.24799 (06110124)	36.51936 (06110124)	33.14367 (06110124)	29.59362 (07021124)
3757850.2	37.88117 (06110124)	40.28164 (06110124)	41.27694 (06110124)	40.53003 (06110124)	37.87158 (06110124)
3757820.2	34.66173 (07091324)	38.48226 (06110124)	41.87641 (06110124)	44.00977 (06110124)	44.45578 (06110124)
3757790.2	37.94070 (07091324)	38.63517 (07091324)	38.67462 (06110124)	43.05929 (06110124)	46.36342 (06110124)
3757760.2	38.13341 (07091324)	40.47217 (07091324)	42.20597 (07091324)	43.16334 (07091324)	43.82840 (06110124)
3757730.2	44.15200 (07020624)	44.71092 (07020624)	44.65192 (07020624)	45.20193 (07091324)	47.38566 (07091324)
3757700.2	48.39853 (07020624)	50.85070 (07020624)	52.80895 (07020624)	54.05851 (07020624)	54.45737 (07020624)
3757670.2	48.05106 (07020624)	51.86016 (07020624)	55.76851 (07020624)	59.51563 (07020624)	62.80387 (07020624)
3757640.2	44.84205 (07020624)	48.80992 (07020624)	53.32358 (07020624)	58.31179 (07020624)	63.59796 (07020624)
3757610.2	45.09122 (07030624)	46.90504 (07030624)	48.95544 (07030624)	53.85590 (07020624)	59.48546 (07020624)
3757580.2	47.46680 (06041124)	50.32324 (06041124)	53.34646 (06041124)	56.52704 (06041124)	59.85255 (06041124)
3757550.2	56.99110 (05122624)	60.00680 (05122624)	63.23786 (05122624)	66.72610 (05122624)	70.52658 (05122624)
3757520.2	64.90176 (05122624)	69.08575 (05122624)	73.61280 (05122624)	78.52869 (05122624)	83.88816 (05122624)
3757490.2	68.08083 (05122624)	72.78276 (05122624)	77.90993 (05122624)	83.50324 (05122624)	89.60643 (05122624)
3757460.2	65.45082 (05122624)	69.78807 (05122624)	74.56666 (05122624)	79.84606 (05122624)	87.23302m (05012424)
3757430.2	68.36653m (05012424)	75.15603m (05012424)	82.79386m (05012424)	91.36400m (05012424)	100.93995m (05012424)
3757400.2	75.63027m (05012424)	82.46805m (05012424)	89.91751m (05012424)	97.99168m (05012424)	106.70712m (05012424)
3757370.2	80.23320m (05012424)	86.14867m (05012424)	92.35457m (05012424)	98.85983m (05012424)	105.70300m (05012424)
3757340.2	81.11321m (05012424)	85.62087m (05012424)	90.23473m (05012424)	95.01210m (05012424)	100.70199 (06012524)
3757310.2	78.47310 (06012524)	84.60090 (06012524)	90.98437 (06012524)	97.69971 (06012524)	104.92104 (06012524)
3757280.2	81.00189 (06012524)	85.61909 (06012524)	90.37695 (06012524)	95.42572 (06012524)	100.95202 (06012524)
3757250.2	77.24979 (06012524)	80.25402 (06012524)	83.43693 (06012524)	90.25918 (05120724)	97.97300 (05120724)
3757220.2	71.88035 (05120724)	77.87272 (05120724)	83.83259 (05120724)	91.45974 (05121124)	100.79785 (05121124)
3757190.2	72.54859 (05120724)	78.64949 (05121124)	85.52570 (05121124)	92.66559 (05121124)	99.78697 (05121124)
3757160.2	73.43371 (05121124)	78.73098 (05121124)	84.08866 (05121124)	89.27684 (05121124)	93.97874 (05121124)
3757130.2	71.71600 (05121124)	75.75550 (05121124)	79.62248 (05121124)	84.99565 (07123024)	89.70066 (07123024)
3757100.2	68.77013 (07123024)	74.46777 (07123024)	78.97969 (07123024)	81.91371 (07123024)	89.16191 (07123024)
3757070.2	69.97803 (07123024)	73.05410 (07123024)	75.06561 (05110524)	82.62147 (05110524)	89.12366 (05110524)
3757040.2	67.33755 (07123024)	70.38974 (05110524)	76.55013 (05110524)	82.43324 (05110524)	87.24835 (05120824)
3757010.2	65.91357 (05110524)	72.09114 (05110524)	77.36716 (05110524)	80.85759 (05120824)	84.56731 (05120824)
3756980.2	68.49675 (05111224)	72.60358 (05111224)	75.07894 (05120824)	77.82807 (05120824)	79.94663 (05100924)
3756950.2	68.13973 (05111224)	69.84647 (05120824)	71.84793 (05120824)	73.84608 (05100924)	76.43909 (05100924)

*** AERMOD - VERSION 09292 *** Site 14 - PM10

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 14:48:25

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,
 *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **					
Y-COORD (METERS)	371845.22	371875.22	X-COORD (METERS) 371905.22	371935.22	371965.22
3756920.2	65.10131 (05120824)	66.51947 (05120824)	68.47406 (05100924)	70.88097 (05100924)	70.69897 (05100924)
3756890.2	61.75906 (05120824)	63.72206 (05100924)	65.92208 (05100924)	65.92328 (05100924)	66.37073 (05120824)
3756860.2	59.49392 (05100924)	61.61269 (05100924)	61.67439 (05100924)	61.41212 (05122924)	64.02713 (05122924)
3756830.2	57.71883 (05100924)	57.87514 (05100924)	56.97493 (05122924)	59.58523 (05122924)	60.30742 (05122924)
3756800.2	54.45876 (05100924)	52.99457 (05122924)	55.54960 (05122924)	56.53111 (05122924)	55.61267 (05122924)
3756770.2	49.92334 (05100924)	51.88280 (05122924)	53.05306 (05122924)	52.58302 (05122924)	50.31762 (05122924)
3756740.2	48.54786 (05122924)	49.80467 (05122924)	49.70736 (05122924)	48.05326 (05122924)	44.74534 (05122924)
3756710.2	46.82505 (05122924)	46.99192 (05122924)	45.82845 (05122924)	43.21036 (05122924)	39.15895 (05122924)
3756680.2	44.43756 (05122924)	43.66452 (05122924)	41.62355 (05122924)	38.27949 (05122924)	34.36958 (06030424)
3756650.2	41.57693 (05122924)	40.01070 (05122924)	37.27950 (05122924)	33.54640 (06030424)	33.03454 (05112824)

*** AERMOD - VERSION 09292 *** Site 14 - PM10

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 14:48:25

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,
 *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **					
Y-COORD (METERS)	371995.22	372025.22	X-COORD (METERS) 372055.22	372085.22	372115.22
3758120.2	34.51795 (06062824)	31.70719 (05082524)	28.68191 (05082524)	27.00532 (05101024)	27.34231 (07030924)
3758090.2	38.59576 (06062824)	35.67514 (06062824)	32.90653 (05082524)	29.02241 (05082524)	29.86522 (07030924)
3758060.2	41.40050 (06062824)	40.35642 (06062824)	36.94194 (05082524)	33.93336 (05082524)	29.33454 (05101024)
3758030.2	42.37973 (06062824)	43.79131 (06062824)	42.19976 (06062824)	38.82980 (05082524)	34.78971 (05082524)
3758000.2	41.14628 (06062824)	45.34028 (06062824)	46.34898 (06062824)	44.14076 (06062824)	40.58527 (05082524)
3757970.2	37.65815 (06062824)	44.49534 (06062824)	48.57482 (06062824)	49.09526 (06062824)	46.19702 (06062824)
3757940.2	34.18565m (05010924)	41.10287 (06062824)	48.22411 (06062824)	52.12211 (06062824)	52.05837 (06062824)
3757910.2	32.54516m (05010924)	37.36484m (05010924)	45.00111 (06062824)	52.40297 (06062824)	56.03299 (06062824)
3757880.2	31.70579 (07100124)	35.52707m (05010924)	41.06110m (05010924)	49.44809 (06062824)	57.11676 (06062824)
3757850.2	33.47074 (06110124)	34.72471 (06092024)	38.99562m (05010924)	45.40048m (05010924)	54.56063 (06062824)
3757820.2	42.82331 (06110124)	39.03324 (06110124)	38.63936 (06092024)	43.07173m (05010924)	50.55451m (05010924)
3757790.2	48.15661 (06110124)	47.87554 (06110124)	45.09571 (06110124)	43.45586 (07080524)	47.92122m (05010924)
3757760.2	48.30342 (06110124)	51.51105 (06110124)	52.85957 (06110124)	51.58106 (06110124)	49.69766 (07080524)
3757730.2	48.77932 (07091324)	49.84092 (06110124)	54.46307 (06110124)	57.59587 (06110124)	58.33352 (06110124)
3757700.2	53.94566 (07020624)	53.93477 (07091324)	56.12901 (07091324)	59.91960 (06090824)	63.32790 (06090824)
3757670.2	65.34131 (07020624)	66.87248 (07020624)	67.22400 (07020624)	66.31398 (07020624)	70.69749 (06090824)
3757640.2	68.92253 (07020624)	73.98848 (07020624)	78.48977 (07020624)	82.12606 (07020624)	84.57917 (07020624)
3757610.2	65.78899 (07020624)	72.59845 (07020624)	79.69105 (07020624)	86.84217 (07020624)	93.87385 (07020624)
3757580.2	63.32329 (06041124)	68.52459 (07020624)	76.63582 (07020624)	85.49105 (07020624)	94.91248 (07020624)
3757550.2	74.71262 (05122624)	79.38194 (05122624)	84.66484 (05122624)	90.74024 (05122624)	97.85951 (05122624)
3757520.2	89.76882 (05122624)	96.27207 (05122624)	103.54151 (05122624)	111.76582 (05122624)	121.20369 (05122624)
3757490.2	96.27287 (05122624)	103.56704 (05122624)	111.58231 (05122624)	120.45467 (05122624)	130.38580 (05122624)
3757460.2	96.93346m (05012424)	108.05392m (05012424)	120.77629m (05012424)	135.27793m (05012424)	151.75612m (05012424)

Site #14 – Localized PM₁₀ Concentrations

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3757430.2 | 111.59339m(05012424) | 123.39150m(05012424) | 136.39443m(05012424) | 150.75138m(05012424) | 166.74087m(05012424)
3757400.2 | 116.10817m(05012424) | 126.28544m(05012424) | 137.44607m(05012424) | 149.98485m(05012424) | 164.58640m(05012424)
3757370.2 | 113.01067m(05012424) | 120.99253m(05012424) | 130.01937m(05012424) | 140.64112m(05012424) | 153.55610m(05012424)
3757340.2 | 109.96470(06012524) | 120.31315(06012524) | 132.20454(06012524) | 146.08358(06012524) | 162.13790(06012524)
3757310.2 | 112.91777(06012524) | 121.96614(06012524) | 132.19254(06012524) | 143.41795(06012524) | 155.69073(05121124)
3757280.2 | 107.07279(06012524) | 115.92697(05120724) | 128.41716(05121124) | 145.94230(05121124) | 164.17259(05121124)
3757250.2 | 107.63299(05121124) | 120.39782(05121124) | 133.63723(05121124) | 146.46648(05121124) | 157.70368(05121124)
3757220.2 | 110.49136(05121124) | 120.00852(05121124) | 128.59893(05121124) | 135.38672(05121124) | 142.99815(06123024)
3757190.2 | 106.45362(05121124) | 112.11683(05121124) | 116.14445(05121124) | 128.17577(05110524) | 141.66074(05110524)
3757160.2 | 97.81840(07123024) | 103.94703(05110524) | 116.62560(05110524) | 127.03153(05110524) | 135.35098(05120824)
3757130.2 | 96.22542(05110524) | 106.44113(05110524) | 114.42476(05110524) | 122.10323(05120824) | 129.59625(05120824)
3757100.2 | 97.33132(05110524) | 103.42569(05110524) | 110.72243(05120824) | 115.92923(05120824) | 119.76746(05100924)
3757070.2 | 94.33226(05120824) | 100.83627(05120824) | 104.34950(05120824) | 108.25052(05100924) | 107.09290(05122924)
3757040.2 | 92.18475(05120824) | 94.92712(05100924) | 89.45088(05100924) | 97.44843(05100924) | 102.03462(05122924)
3757010.2 | 86.91587(05100924) | 90.04670(05100924) | 89.30286(05100924) | 93.08101(05122924) | 93.87731(05122924)
3756980.2 | 82.77481(05100924) | 82.25217(05100924) | 85.16930(05122924) | 86.72925(05122924) | 83.63976(05122924)
3756950.2 | 76.10191(05100924) | 78.15581(05122924) | 80.22096(05122924) | 78.37973(05122924) | 72.38851(05122924)
*** AERMOD - VERSION 09292 ***      *** Site 14 - PM10      ***
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***                                     ***                         ***

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10/26/10
14:48:25
PAGE 15

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**MODELOPTs:  NonDEFAULT CONC                               FLAT
                                                         NODRYDPLT NOWETDPLT

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):  VOLL , AREAL ,

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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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** CONC OF PM10. IN MICROGRAMS/M**3 **

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Y-COORD (METERS)	371995.22	372025.22	X-COORD (METERS)	372055.22	372085.22	372115.22
3756920.2	71.92283	74.30105	73.41057	68.91436	61.04684	61.04684
3756890.2	68.91768	68.74203	65.46304	59.11843	52.25118	52.25118
3756860.2	64.37486	62.07542	57.03688	49.61255	50.69103	50.69103
3756830.2	58.78397	54.84614	48.66761	46.07581	50.17213	50.17213
3756800.2	52.59291	47.51496	42.87530	44.87974	49.07039	49.07039
3756770.2	46.19330	40.58039	40.97537	44.40941	47.51050	47.51050
3756740.2	39.88685	38.62709	40.03835	43.50387	45.59943	45.59943
3756710.2	36.25422	36.73897	39.62278	42.24312	43.43917	43.43917
3756680.2	34.92244	35.96578	38.87301	40.70502	41.10945	41.10945
3756650.2	33.09635	35.60111	37.84779	38.95751	38.67764	38.67764

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*** AERMOD - VERSION 09292 ***      *** Site 14 - PM10      ***
***                                     ***                         ***
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**MODELOPTs:  NonDEFAULT CONC                               FLAT
                                                         NODRYDPLT NOWETDPLT

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):  VOLL , AREAL ,

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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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** CONC OF PM10. IN MICROGRAMS/M**3 **

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Y-COORD (METERS)	372145.22	372175.22	X-COORD (METERS)	372205.22	372235.22	372265.22
3758120.2	33.70977	40.29527	45.20074	48.65051	50.83262	50.83262
3758090.2	32.11409	39.84924	45.95579	50.49063	53.79123	53.79123
3758060.2	30.82528	38.87340	46.31203	52.04324	56.53578	56.53578
3758030.2	31.38628	37.28885	46.17754	53.26881	59.03111	59.03111
3758000.2	35.49684	35.06148	45.43015	54.10050	61.24310	61.24310
3757970.2	42.21540	36.20953	43.93786	54.42129	63.14256	63.14256
3757940.2	48.74042	43.76985	41.59146	54.05854	64.66665	64.66665
3757910.2	55.28482	45.49962	45.34346	52.79281	65.68394	65.68394
3757880.2	60.37632	58.87234	54.31838	50.39968	65.97527	65.97527
3757850.2	62.48189	65.26193	63.04578	58.01600	65.20086	65.20086
3757820.2	60.50989	68.66462	70.90394	68.32326	64.31089	64.31089
3757790.2	56.76835m	67.53705	75.93558	77.77999	75.82691	75.82691
3757760.2	53.91234	64.39698m	76.02365	84.80618	86.97497	86.97497
3757730.2	59.24915	62.40148	73.99033m	86.63557	96.37765	96.37765
3757700.2	67.64205	72.24306	76.25588	86.46156m	101.40256m	101.40256m
3757670.2	76.21327	82.64166	89.79479	96.26447	103.47701m	103.47701m
3757640.2	85.55035	91.43508	102.45881	114.17442	125.67939	125.67939
3757610.2	100.64297	106.97446	112.55963	129.30578	149.38709	149.38709
3757580.2	104.81493	115.25478	126.49021	140.08516	168.01903	168.01903
3757550.2	108.14040	122.27568	138.19913	156.80301	180.03989	180.03989
3757520.2	132.22798	145.37006	161.95495	189.39541	226.64343	226.64343
3757490.2	141.70664	159.35060m	185.19772m	217.23158m	260.55536	260.55536
3757460.2	170.48614m	192.04739m	217.70748m	250.01934m	292.81828m	292.81828m
3757430.2	184.97903m	206.61845m	233.40534m	267.38935m	310.66456m	310.66456m
3757400.2	182.28291m	204.36964m	232.10014m	266.63824m	310.01639m	310.01639m
3757370.2	173.59765	197.12299	224.40033	256.75272	297.44384	297.44384
3757340.2	180.21080	200.01825	226.12184	263.18156	304.27244	304.27244
3757310.2	179.82689	205.32027	230.86316	254.41795	288.87510	288.87510
3757280.2	181.83004	197.21327	211.14521	242.01619	265.77413	265.77413
3757250.2	165.99840	183.79573	204.79170	222.29172	241.27005	241.27005
3757220.2	160.41542	174.95417	190.58252	203.31803	204.73885	204.73885
3757190.2	150.99745	165.82816	174.22470	174.46300	171.43994	171.43994
3757160.2	145.94081	151.20622	151.25388	152.85703	142.44817	142.44817
3757130.2	133.44372	133.85677	137.23331	130.42931	122.62598	122.62598
3757100.2	119.35196	123.83694	119.85649	107.62901	107.17383	107.17383
3757070.2	112.21101	110.34993	101.11570	95.23891	100.62864	100.62864
3757040.2	101.72582	95.00133	85.02118	88.37438	93.67790	93.67790
3757010.2	89.18168	79.25625	76.87263	84.18735	86.09920	86.09920
3756980.2	75.84509	68.80763	74.97577	79.02721	78.34634	78.34634
3756950.2	62.81521	65.89564	71.61571	73.32266	70.91616	70.91616

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*** AERMOD - VERSION 09292 ***      *** Site 14 - PM10      ***
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**MODELOPTs:  NonDEFAULT CONC                               FLAT
                                                         NODRYDPLT NOWETDPLT

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):  VOLL , AREAL ,

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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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** CONC OF PM10. IN MICROGRAMS/M**3 **

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Site #14 – Localized PM₁₀ Concentrations

Y-COORD (METERS)	372145.22	372175.22	X-COORD (METERS)		
			372205.22	372235.22	372265.22
3756920.2	58.01904 (07120924)	64.23956 (06120424)	67.68557 (06120424)	67.40411 (06120424)	64.95951 (06010524)
3756890.2	57.19765 (06120424)	61.76674 (06120424)	63.30649 (06120424)	61.50632 (06120424)	59.42331 (05020424)
3756860.2	55.85274 (06120424)	58.71932 (06120424)	58.71422 (06120424)	55.88908 (06010524)	57.39569 (05020424)
3756830.2	53.89943 (06120424)	55.30514 (06120424)	54.07852 (06120424)	51.59210 (06010524)	55.03963 (05020424)
3756800.2	51.50278 (06120424)	51.68922 (06120424)	49.51839 (06120424)	49.91484 (05020424)	52.43942 (05020424)
3756770.2	48.80215 (06120424)	47.99393 (06120424)	45.27164 (06010524)	48.42667 (05020424)	49.67805 (05020424)
3756740.2	45.91773 (06120424)	44.31208 (06120424)	43.45781 (05020424)	46.66033 (05020424)	46.82858 (05020424)
3756710.2	42.93576 (06120424)	40.70507 (06120424)	42.59001 (05020424)	44.68920 (05020424)	43.95690 (05020424)
3756680.2	39.92924 (06120424)	37.94035 (05020424)	41.44423 (05020424)	42.57686 (05020424)	41.11646 (05020424)
3756650.2	36.94978 (06120424)	37.50228 (05020424)	40.08019 (05020424)	40.38219 (05020424)	38.34954 (05020424)

*** AERMOD - VERSION 09292 *** Site 14 - PM10 ***
 ** 10/26/10
 ** 14:48:25
 ** PAGE 18

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,
 *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
 ** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372295.22	372325.22	X-COORD (METERS)		
			372355.22	372385.22	372415.22
3758120.2	51.16415 (06090524)	48.85706 (06090524)	44.31999 (06090524)	41.85835 (06091124)	45.53400 (07050924)
3758090.2	55.25015 (06090524)	53.60304 (06090524)	48.85000 (06090524)	44.98646 (06091124)	47.51569 (07050924)
3758060.2	59.33979 (06090524)	58.74091 (06090524)	54.07991 (06090524)	48.37082 (06091124)	49.67257 (07050924)
3758030.2	63.32782 (06090524)	64.16657 (06090524)	60.02343 (06090524)	52.61497 (06090524)	52.02981 (07050924)
3758000.2	67.13910 (06090524)	69.76128 (06090524)	66.64060 (06090524)	58.88999 (06090524)	55.43390 (06090524)
3757970.2	70.71855 (06090524)	75.40406 (06090524)	73.84372 (06090524)	66.21912 (06090524)	60.47834 (06091124)
3757940.2	74.03984 (06090524)	81.00526 (06090524)	81.52383 (06090524)	74.61850 (06090524)	66.06339 (06091124)
3757910.2	77.07383 (06090524)	86.50967 (06090524)	89.56808 (06090524)	84.04303 (06090524)	73.57918 (06090524)
3757880.2	79.77375 (06090524)	91.89168 (06090524)	97.92155 (06090524)	94.41722 (06090524)	84.51131 (06090524)
3757850.2	82.01244 (06090524)	97.14133 (06090524)	106.57179 (06090524)	105.68037 (06090524)	97.23503 (06090524)
3757820.2	83.53422 (06090524)	102.23460 (06090524)	115.59167 (06090524)	117.86192 (06090524)	111.79109 (06090524)
3757790.2	83.87752 (06090524)	107.08567 (06090524)	125.11229 (06090524)	131.12051 (06090524)	128.30542 (06090524)
3757760.2	87.61862 (06062824)	111.48628 (06090524)	135.34884 (06090524)	145.83451 (06090524)	147.13892 (06090524)
3757730.2	100.78561 (06062824)	114.97937 (06090524)	146.63271 (06090524)	162.73247 (06090524)	169.09556 (06090524)
3757700.2	113.11513 (06062824)	123.51865 (06062824)	159.38411 (06090524)	183.09626 (06090524)	195.66760 (06090524)
3757670.2	124.13504m (05010924)	141.43636m (05010924)	174.64196 (06090524)	209.54733 (06090524)	229.85692 (06090524)
3757640.2	135.74437 (05021824)	160.31425m (05010924)	195.07204 (06090524)	249.49375 (06090524)	279.27846 (06090524)
3757610.2	172.13128 (05021824)	196.04262 (05021824)	229.94136m (05010924)	322.16287 (06090524)	367.76611 (06090524)
3757580.2	204.57185 (05021824)	256.35427 (05021824)	339.50770 (05021824)	513.49996 (06090524)	599.02106 (06090524)
3757550.2	223.02306 (05021824)	292.72742 (05021824)	450.06463 (07112524)	1199.33406 (06121424)	1294.67588 (06121424)
3757520.2	282.54931 (07112524)	380.12359 (07112524)	596.05871 (07112524)	1296.86478 (06121424)	1381.82466 (06121424)
3757490.2	325.77086 (07112524)	439.54854 (07112524)	660.71093 (07112524)	1333.44728 (07112524)	1405.72650 (06121424)
3757460.2	353.05876 (07112524)	470.85156 (07112524)	691.77785 (07112524)	1361.76682 (07112524)	1398.98721 (06121424)
3757430.2	367.45281m (05012424)	476.42210 (07112524)	695.92366 (07112524)	1389.87524 (05120824)	1441.05650 (05120824)
3757400.2	367.01250m (05012424)	452.85167 (07112524)	666.41901 (07112524)	1438.23849 (05120824)	1461.34019 (05120824)
3757370.2	354.94856 (05112124)	447.73333 (05111724)	633.30126 (05120824)	1402.34334 (05120824)	1399.29813 (05120824)
3757340.2	351.09756 (05111724)	431.07496 (06123024)	521.89529 (05120824)	544.28387 (05011824)	555.86350 (05011824)
3757310.2	331.24088 (06123024)	372.45802 (05120824)	375.67673 (05120824)	391.03925 (05011824)	415.33241 (07081524)
3757280.2	293.48465 (05120824)	297.55257 (05120824)	302.11763 (06121824)	299.44761 (05011824)	342.75725 (07081524)
3757250.2	244.04670 (05120824)	236.06732 (06121824)	245.22471 (06121824)	232.99190 (05011824)	294.57819 (07081524)
3757220.2	194.23293 (05122924)	200.27800 (06121824)	198.31823 (06121824)	194.97448 (07081524)	259.43755 (07081524)
3757190.2	163.59073 (06121824)	167.56563 (06121824)	167.62213 (06010524)	174.64577 (07081524)	232.37623 (07081524)
3757160.2	141.19541 (05011824)	144.04499 (06010524)	145.86415 (06010524)	158.83158 (07081524)	210.78474 (07081524)
3757130.2	122.86163 (06120424)	129.13237 (06010524)	126.90912 (06010524)	146.13049 (07081524)	193.10704 (07081524)
3757100.2	113.09950 (06120424)	115.31004 (06010524)	110.37348 (06010524)	135.67206 (07081524)	178.33267 (07081524)
3757070.2	102.76994 (06120424)	102.65583 (06010524)	96.00929 (06010524)	126.88912 (07081524)	165.76946 (07081524)
3757040.2	93.35212 (06010524)	91.21854 (06010524)	86.35663 (05020424)	119.38799 (07081524)	154.92093 (07081524)
3757010.2	84.59606 (06010524)	80.97684 (06010524)	79.37110 (05020424)	112.88565 (07081524)	145.41726 (07081524)
3756980.2	76.46263 (06010524)	75.56091 (05020424)	72.59961 (05020424)	107.17306 (07081524)	136.98215 (07081524)
3756950.2	69.22100 (05020424)	70.51219 (05020424)	66.55689 (07081524)	102.09069 (07081524)	129.40427 (07081524)

*** AERMOD - VERSION 09292 *** Site 14 - PM10 ***
 ** 10/26/10
 ** 14:48:25
 ** PAGE 19

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,
 *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
 ** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372295.22	372325.22	X-COORD (METERS)		
			372355.22	372385.22	372415.22
3756920.2	65.94239 (05020424)	65.45250 (05020424)	64.95333 (07081524)	97.50957 (07081524)	122.52109 (07081524)
3756890.2	62.41661 (05020424)	60.45455 (05020424)	63.42246 (07081524)	93.33386 (07081524)	116.21374 (07081524)
3756860.2	58.72878 (05020424)	55.59779 (05020424)	61.95248 (07081524)	89.48382 (07081524)	110.39151 (07081524)
3756830.2	54.96742 (05020424)	50.94275 (05020424)	60.53047 (07081524)	85.89895 (07081524)	104.99213 (07081524)
3756800.2	51.20689 (05020424)	46.54503 (05020424)	59.14383 (07081524)	82.53401 (07081524)	99.96566 (07081524)
3756770.2	47.51974 (05020424)	44.06371 (06112824)	57.78169 (07081524)	79.35342 (07081524)	95.27961 (07081524)
3756740.2	43.95632 (05020424)	41.73998 (06112824)	56.43547 (07081524)	76.33261 (07081524)	90.90391 (07081524)
3756710.2	40.55774 (05020424)	39.48989 (06112824)	55.09854 (07081524)	73.45469 (07081524)	86.81893 (07081524)
3756680.2	37.56555 (06112824)	38.24929 (07081524)	53.76580 (07081524)	70.70781 (07081524)	83.00538 (07081524)
3756650.2	35.91960 (06112824)	37.85334 (07081524)	52.43487 (07081524)	68.08557 (07081524)	79.44540 (07081524)

*** AERMOD - VERSION 09292 *** Site 14 - PM10 ***
 ** 10/26/10
 ** 14:48:25
 ** PAGE 20

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,
 *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
 ** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372445.22	372475.22	X-COORD (METERS)		
			372505.22	372535.22	372565.22

Site #14 – Localized PM₁₀ Concentrations

3758120.2	49.25572	(07050924)	48.82703	(07050924)	51.26959	(07083124)	57.91360	(07083124)	61.92382	(07083124)
3758090.2	51.39813	(07050924)	51.00103	(07050924)	55.48700	(07083124)	62.62379	(07083124)	66.57668	(07083124)
3758060.2	53.70882	(07050924)	53.34670	(07050924)	60.25353	(07083124)	67.87262	(07083124)	71.66859	(07083124)
3758030.2	56.21170	(07050924)	55.88683	(07050924)	65.65670	(07083124)	73.72677	(07083124)	77.24225	(07083124)
3758000.2	58.93468	(07050924)	59.62321	(07083124)	71.79822	(07083124)	80.26508	(07083124)	83.34566	(07083124)
3757970.2	61.91305	(07050924)	65.46185	(07083124)	78.79643	(07083124)	87.57521	(07083124)	90.03182	(07083124)
3757940.2	65.19188	(07050924)	72.26302	(07083124)	86.78646	(07083124)	95.75250	(07083124)	97.35993	(07083124)
3757910.2	69.59271	(06091124)	80.22892	(07083124)	95.92481	(07083124)	104.91440	(07083124)	105.39542	(07083124)
3757880.2	77.30656	(06091124)	89.60884	(07083124)	106.39187	(07083124)	115.18644	(07083124)	114.23037	(07083124)
3757850.2	86.14472	(06091124)	100.70980	(07083124)	118.39561	(07083124)	126.72463	(07083124)	124.00935	(07083124)
3757820.2	101.04897	(06090524)	113.90968	(07083124)	132.19029	(07083124)	139.75963	(07083124)	134.99641	(07083124)
3757790.2	119.67103	(06090524)	129.66847	(07083124)	148.08213	(07083124)	154.64890	(07083124)	147.67470	(07083124)
3757760.2	141.94583	(06090524)	148.58050	(07083124)	166.56159	(07083124)	172.07828	(07083124)	162.87016	(07083124)
3757730.2	168.53118	(06090524)	171.47331	(07083124)	188.54550	(07083124)	193.30539	(07083124)	181.87290	(07083124)
3757700.2	200.68786	(06090524)	199.80738	(07083124)	215.91500	(07083124)	220.46315	(07083124)	206.56944	(07083124)
3757670.2	241.02735	(06090524)	236.67207	(07083124)	252.22711	(07083124)	256.88727	(07083124)	239.92033	(07083124)
3757640.2	296.22849	(06090524)	294.63941	(06090524)	304.09249	(07083124)	308.72566	(07083124)	288.00217	(07083124)
3757610.2	390.13111	(06090524)	397.85731	(05082924)	398.07985	(05082924)	391.94316	(07083124)	367.35928	(07083124)
3757580.2	631.39592	(05082924)	652.04398	(05082924)	651.95895	(05082924)	630.12653	(05082924)	573.00327	(06101024)
3757550.2	1303.98199	(06121424)	1285.01734	(06121424)	1255.53263	(07111824)	1301.86324	(07111824)	1335.79052	(07111824)
3757520.2	1391.14086	(06121424)	1367.91795	(06121424)	1310.18771	(06121424)	1353.20674	(07111824)	1378.16267	(07111824)
3757490.2	1410.39184	(06121424)	1381.98493	(06121424)	1349.83333	(07013024)	1352.74117	(07111824)	1368.62575	(07111824)
3757460.2	1400.25972	(05011024)	1390.63365	(07013024)	1395.98095	(07013024)	1347.29705	(07013024)	1330.15797	(07111824)
3757430.2	1427.92420	(05011024)	1409.69988	(07013024)	1405.24706	(07013024)	1346.03472	(07013024)	1294.48166	(05102324)
3757400.2	1423.97053	(05011024)	1396.67702	(07013024)	1380.07192	(07013024)	1315.90420	(07013024)	1216.42527	(05102324)
3757370.2	1348.24854	(05120824)	1276.93462	(05120824)	1226.76787	(07013024)	1168.15324	(07013024)	1017.31128	(07081524)
3757340.2	561.14300	(07081524)	562.72973	(07081524)	560.73680	(07081524)	543.81728	(07081524)	420.64704	(07081524)
3757310.2	428.42959	(07081524)	430.25796	(07081524)	427.44139	(07081524)	406.24382	(07081524)	292.48654	(07081524)
3757280.2	357.74257	(07081524)	359.89037	(07081524)	355.82937	(07081524)	330.75137	(07081524)	230.97486	(07081524)
3757250.2	311.00097	(07081524)	313.45303	(07081524)	307.85584	(07081524)	279.91191	(07081524)	193.47042	(07081524)
3757220.2	276.81913	(07081524)	279.45939	(07081524)	272.19115	(07081524)	242.76459	(07081524)	167.7508	(07081524)
3757190.2	250.27033	(07081524)	252.91941	(07081524)	244.01201	(07081524)	214.44530	(07081524)	148.87995	(07081524)
3757160.2	228.78631	(07081524)	231.24321	(07081524)	220.90891	(07081524)	192.21536	(07081524)	134.30922	(07081524)
3757130.2	210.85845	(07081524)	212.94061	(07081524)	201.54895	(07081524)	174.33351	(07081524)	122.67948	(07081524)
3757100.2	195.53774	(07081524)	197.10664	(07081524)	185.10899	(07081524)	159.63983	(07081524)	113.15064	(07081524)
3757070.2	182.18908	(07081524)	183.16610	(07081524)	171.02037	(07081524)	147.34373	(07081524)	105.18042	(07081524)
3757040.2	170.36852	(07081524)	170.75564	(07081524)	158.85189	(07081524)	136.88820	(07081524)	98.39872	(07081524)
3757010.2	159.76451	(07081524)	159.62960	(07081524)	148.25971	(07081524)	127.87597	(07081524)	92.54788	(07081524)
3756980.2	150.16122	(07081524)	149.61528	(07081524)	138.96830	(07081524)	120.01588	(07081524)	87.43958	(07081524)
3756950.2	141.40122	(07081524)	140.58241	(07081524)	130.75227	(07081524)	113.08845	(07081524)	82.93294	(07081524)

*** AERMOD - VERSION 09292 *** Site 14 - PM10 ***
 10/26/10
 14:48:25
 PAGE 21

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOLL , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
 ** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372445.22	372475.22	372505.22	372535.22	372565.22
3756920.2	133.37467	132.41664	123.43258	106.92752	78.92170
3756890.2	126.00152	125.02310	116.86346	101.40572	75.32297
3756860.2	119.21817	118.31653	110.92833	96.42032	72.07190
3756830.2	112.97801	112.21957	105.53541	91.89188	69.11577
3756800.2	107.23546	106.66265	100.63886	87.75594	66.41116
3756770.2	101.95052	101.58478	96.08393	83.95888	63.92451
3756740.2	97.08371	96.92946	91.91319	80.45517	61.62604
3756710.2	92.60133	92.65051	88.05283	77.21182	59.49152
3756680.2	88.46711	88.70403	84.46789	74.19621	57.50020
3756650.2	84.64934	85.05258	81.12925	71.38324	55.63568

*** AERMOD - VERSION 09292 *** Site 14 - PM10 ***
 10/26/10
 14:48:25
 PAGE 22

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOLL , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
 ** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372595.22	372625.22	372655.22	372685.22	372715.22
3758120.2	62.81554	60.71663	56.08736	49.46617	46.49241
3758090.2	66.91888	63.93945	58.22737	50.42797	49.65411
3758060.2	71.31091	67.27235	60.29045	51.51783	52.75794
3758030.2	76.00445	70.69307	62.22558	55.78803	55.72934
3758000.2	81.00865	74.16770	63.97014	60.13919	58.47164
3757970.2	86.33082	77.65920	65.48187	64.49480	62.92131
3757940.2	91.97760	81.13186	68.72330	68.74663	71.14378
3757910.2	97.96147	84.56425	74.98516	72.72142	78.79547
3757880.2	104.33296	87.96032	81.43227	82.47812	85.61569
3757850.2	111.20321	91.36994	87.88942	91.98199	91.31417
3757820.2	118.78954	97.32192	97.99161	101.14698	95.54543
3757790.2	127.44535	107.74384	110.80562	109.80563	97.92984
3757760.2	137.62702	121.76849	124.68146	117.36746	112.25712
3757730.2	149.78863	141.32359	139.49540	130.99080	131.50250
3757700.2	164.62024	165.11482	156.29340	156.44834	174.43400
3757670.2	199.74424	192.96843	191.37115	217.61058	231.29318
3757640.2	247.84116	248.39957	278.24948	283.67371	267.94975
3757610.2	344.93015	373.68825	354.69878	313.93157	271.94110
3757580.2	579.15634	457.77662	373.92582	310.80923	257.63966
3757550.2	662.91909	472.50858	369.64262	294.00514	231.49183
3757520.2	665.14794	453.93359	340.68139	270.11801	227.67930
3757490.2	638.82394	427.42835	327.67415	266.08586	223.26904
3757460.2	627.65657	413.00267	312.12153	250.83712	212.37646
3757430.2	605.71196	407.24153	306.66046	243.68721	209.76203
3757400.2	579.71021	391.89074	301.90826	241.84271	196.69164
3757370.2	454.94424	323.63678	259.02997	214.37586	179.27218
3757340.2	268.38695	209.13505	188.43187	168.95114	150.10955
3757310.2	193.96870	174.13820	146.21276	129.34919	119.18789
3757280.2	154.99173	141.45803	127.69551	113.27958	100.46809

Site #14 – Localized PM₁₀ Concentrations

3757250.2	139.36972 (05120324)	114.47342 (05040924)	109.11576 (05040924)	99.87031 (05012924)	92.22507 (05012924)
3757220.2	125.84867 (05120324)	101.63012 (05120324)	91.81901 (05040924)	87.27953 (05040924)	82.98374 (05012924)
3757190.2	113.84611 (05120324)	96.40915 (05120324)	81.49419 (05061324)	75.45740 (05040924)	71.71988 (05040924)
3757160.2	102.92532 (05120324)	90.54207 (05120324)	75.80081 (05061324)	66.56628 (05061324)	63.32845 (05040924)
3757130.2	92.83399 (05120324)	84.38693 (05120324)	72.58758 (05120324)	63.85858 (05061324)	55.62553 (05040924)
3757100.2	83.45872 (05120324)	78.12148 (05120324)	69.53708 (05120324)	60.22220 (05061324)	53.65407 (05061324)
3757070.2	74.79351 (05120324)	71.86823 (05120324)	65.90611 (05120324)	57.45538 (05120324)	51.72115 (05061324)
3757040.2	66.87960 (05120324)	65.74572 (05120324)	61.90385 (05120324)	55.67811 (05120324)	49.16736 (05061324)
3757010.2	59.75942 (05120324)	59.87096 (05120324)	57.69964 (05120324)	53.32995 (05120324)	47.03473 (05120324)
3756980.2	53.44638 (05120324)	54.35062 (05120324)	53.43410 (05120324)	50.58005 (05120324)	45.91041 (05120324)
3756950.2	47.91641 (05120324)	49.26494 (05120324)	49.23837 (05120324)	47.58269 (05120324)	44.28524 (05120324)

*** AERMOD - VERSION 09292 *** *** Site 14 - PM10 ***
 *** *** *** *** ***
 ***/26/10
 14:48:25
 PAGE 23

***MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372595.22	372625.22	X-COORD (METERS)	372655.22	372685.22	372715.22
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3756920.2	46.55198 (07081524)	44.65848 (05120324)	45.21663 (05120324)	44.46685 (05120324)	42.29607 (05120324)
3756890.2	45.43807 (07081524)	41.33260 (07120824)	41.44297 (05120324)	41.34464 (05120324)	40.06585 (05120324)
3756860.2	44.37593 (07081524)	39.56599 (07120824)	37.97123 (05120324)	38.30848 (05120324)	37.70513 (05120324)
3756830.2	43.35950 (07081524)	37.77939 (07120824)	34.81511 (05120324)	35.42254 (05120324)	35.30757 (05120324)
3756800.2	42.39081 (07081524)	36.01237 (07120824)	33.70020 (07120824)	32.73160 (05120324)	32.94867 (05120324)
3756770.2	41.46443 (07081524)	34.29134 (07120824)	32.67741 (07120824)	30.25483 (05120324)	30.68304 (05120324)
3756740.2	40.57671 (07081524)	32.64050 (07120824)	31.58955 (07120824)	28.00086 (05120324)	28.54691 (05120324)
3756710.2	39.72023 (07081524)	31.07093 (07120824)	30.47112 (07120824)	27.39260 (07120824)	26.56198 (05120324)
3756680.2	38.89909 (07081524)	29.58793 (07120824)	29.35009 (07120824)	26.85230 (07120824)	24.73713 (05120324)
3756650.2	38.10715 (07081524)	28.18805 (07120824)	28.24845 (07120824)	26.23974 (07120824)	23.17660 (05091724)

*** AERMOD - VERSION 09292 *** *** Site 14 - PM10 ***
 *** *** *** *** ***
 ***/26/10
 14:48:25
 PAGE 24

***MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372745.22	372775.22	X-COORD (METERS)	372805.22	372835.22	372865.22
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3758120.2	46.38508 (05052624)	43.21078 (05052624)	49.16877 (07071524)	52.45473 (07071524)	51.71192 (07071524)
3758090.2	48.36475 (05052624)	48.91326 (07071524)	54.17653 (07071524)	55.31771 (07071524)	52.11297 (07071524)
3758060.2	50.09049 (05052624)	55.12052 (07071524)	58.39638 (07071524)	56.97546 (07071524)	51.17198 (07071524)
3758030.2	55.20396 (07071524)	60.76784 (07071524)	61.52141 (07071524)	57.22752 (07071524)	48.89235 (07071524)
3758000.2	62.29419 (07071524)	65.52445 (07071524)	63.27634 (07071524)	55.95988 (07071524)	45.45651 (07071524)
3757970.2	68.77246 (07071524)	69.06306 (07071524)	63.43488 (07071524)	53.24986 (07071524)	48.91956 (07092824)
3757940.2	74.31242 (07071524)	71.07984 (07071524)	61.92577 (07071524)	52.94851 (07071524)	56.63022 (07092824)
3757910.2	78.58307 (07071524)	71.34617 (07071524)	58.91569 (07071524)	61.65861 (07092824)	63.82361 (07092824)
3757880.2	81.26230 (07071524)	69.83383 (07071524)	67.53900 (07092824)	70.22919 (07092824)	69.55253 (07092824)
3757850.2	82.10920 (07071524)	74.57453 (07031824)	77.83763 (07092824)	77.32867 (07092824)	73.16788 (07092824)
3757820.2	83.88893 (07031824)	87.00526 (07092824)	86.73068 (07092824)	82.49091 (06101024)	96.70381 (06101024)
3757790.2	98.23325 (07092824)	98.28954 (07092824)	97.73059 (06101024)	113.33623 (06101024)	124.27126 (06101024)
3757760.2	112.80265 (07092824)	117.12393 (06101024)	133.87477 (06101024)	144.23302 (06101024)	147.81387 (06101024)
3757730.2	142.03578 (06101024)	159.32192 (06101024)	167.91620 (06101024)	168.10204 (06101024)	161.39970 (06101024)
3757700.2	191.07160 (06101024)	195.94129 (06101024)	190.67906 (06101024)	178.12734 (06101024)	161.03742 (06101024)
3757670.2	229.03161 (06101024)	215.37255 (06101024)	195.19002 (06101024)	171.94235 (06101024)	147.78327 (06101024)
3757640.2	242.05690 (06101024)	212.72835 (06101024)	182.78708 (06101024)	153.50099 (06101024)	132.62631 (06052024)
3757610.2	232.25516 (06101024)	194.79441 (06101024)	163.13776 (06052024)	142.86900 (06052024)	128.38438 (05081824)
3757580.2	210.22870 (06101024)	177.32268 (06052024)	157.28049 (05081824)	145.19010 (05081824)	133.89720 (05081824)
3757550.2	199.16477 (05081824)	179.14453 (05081824)	161.64676 (05081824)	145.87040 (05081824)	131.38609 (05081824)
3757520.2	199.54875 (05081824)	175.71295 (05081824)	154.72003 (05081824)	135.92819 (05081824)	119.06657 (05081824)
3757490.2	191.07069 (05102324)	166.20507 (05102324)	146.36081 (05102324)	129.77808 (05102324)	115.41266 (05102324)
3757460.2	182.25192 (06060724)	157.76243 (06060724)	137.55888 (06060724)	120.84264 (06060724)	106.98866 (06060724)
3757430.2	183.45439 (06060724)	161.83702 (06060724)	143.44540 (06060724)	127.55720 (06060724)	113.80350 (06060724)
3757400.2	170.82851 (06060724)	153.00434 (06060724)	137.90435 (06060724)	124.69245 (06060724)	112.91579 (06060724)
3757370.2	150.24196 (06051424)	131.20980 (06060724)	120.95685 (06060724)	111.86025 (06060724)	103.54489 (06060724)
3757340.2	131.76061 (06051424)	114.32619 (06051424)	98.44915 (06051424)	92.73853 (06060724)	88.28827 (06060724)
3757310.2	108.57518 (06051424)	97.69497 (06051424)	76.11890 (06051424)	76.12953 (06051424)	71.98908 (07110724)
3757280.2	93.77699 (06051424)	86.37424 (05070424)	78.05376 (05070424)	69.60965 (06030824)	64.91672 (06030824)
3757250.2	83.48868 (06051424)	79.48544 (06051424)	74.10108 (05070424)	68.60883 (05070424)	62.02553 (05070424)
3757220.2	77.38491 (05012924)	71.62276 (06051424)	69.84784 (06051424)	65.13009 (06051424)	60.33629 (05070424)
3757190.2	70.66909 (05012924)	66.37444 (05012924)	62.30957 (06051424)	62.25352 (06051424)	59.28619 (06051424)
3757160.2	61.90602 (05012924)	61.26837 (05012924)	57.88452 (05012924)	54.56745 (06051424)	55.73855 (06051424)
3757130.2	54.10425 (05040924)	54.33329 (05012924)	53.84750 (05012924)	51.14758 (05012924)	49.25747 (05082324)
3757100.2	48.29183 (05040924)	46.91145 (05040924)	48.19547 (05012924)	47.84414 (05012924)	45.67702 (05012924)
3757070.2	45.24306 (05061324)	42.42355 (05040924)	41.70336 (05012924)	43.12548 (05012924)	42.89423 (05012924)
3757040.2	44.38707 (05061324)	38.38852 (05061324)	37.64475 (05040924)	37.63584 (05012924)	38.87402 (05012924)
3757010.2	42.91847 (05061324)	38.21222 (05061324)	34.11128 (05040924)	33.69130 (05040924)	34.16777 (05012924)
3756980.2	41.03135 (05061324)	37.48072 (05061324)	33.04619 (05061324)	30.95307 (06071724)	30.80637 (07092724)
3756950.2	39.45143 (05120324)	36.32715 (05061324)	33.11669 (07021324)	28.70744 (05061324)	29.28214 (06071724)

*** AERMOD - VERSION 09292 *** *** Site 14 - PM10 ***
 *** *** *** *** ***
 ***/26/10
 14:48:25
 PAGE 25

***MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372745.22	372775.22	X-COORD (METERS)	372805.22	372835.22	372865.22
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3756920.2	38.69623 (05120324)	34.85291 (05061324)	32.71159 (07021324)	29.34016 (07021324)	27.57561 (06071724)
3756890.2	37.51566 (05120324)	33.71236 (05120324)	31.67345 (07021324)	29.46145 (07021324)	25.93530 (07021324)

Site #14 – Localized PM₁₀ Concentrations

3756860.2	36.01922 (05120324)	33.17704 (05120324)	30.12458 (07021324)	28.98873 (07021324)	26.43107 (07021324)
3756830.2	34.30535 (05120324)	32.28708 (05120324)	29.23403 (05120324)	28.01170 (07021324)	26.38315 (07021324)
3756800.2	32.46575 (05120324)	31.12603 (05120324)	28.83755 (05120324)	26.63650 (07021324)	25.85761 (07021324)
3756770.2	30.57789 (05120324)	29.77707 (05120324)	28.14463 (05120324)	25.65521 (05120324)	24.93413 (07021324)
3756740.2	28.70099 (05120324)	28.31236 (05120324)	27.22457 (05120324)	25.41109 (05081524)	23.70671 (07021324)
3756710.2	26.88203 (05120324)	26.79445 (05120324)	26.14140 (05120324)	25.07038 (05081524)	23.03829 (05081524)
3756680.2	25.15314 (05120324)	25.27413 (05120324)	24.95444 (05120324)	24.33207 (05081524)	23.19507 (05081524)
3756650.2	23.53277 (05120324)	23.78870 (05120324)	23.71510 (05120324)	23.26431 (05081524)	22.94319 (05081524)
*** AERMOD - VERSION 09292 ***					
*** Site 14 - PM10			***		
			10/26/10		
			14:48:25		
			PAGE 26		

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**MODELOPTs: NonDEFAULT CONC                FLAT
                                                NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOLL , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

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Y-COORD (METERS)	372895.22	372925.22	372955.22	372985.22	373015.22
3758120.2	47.14659 (07071524)	39.81435 (07071524)	31.30453 (07071524)	32.85817 (07092824)	35.58768 (07092824)
3758090.2	45.31944 (07071524)	36.51101 (07071524)	34.71439 (07031824)	37.68245 (07092824)	39.60941 (07092824)
3758060.2	42.38164 (07071524)	37.07813 (07031824)	40.01379 (07092824)	42.23350 (07092824)	42.85387 (07092824)
3758030.2	39.66284 (07031824)	42.62877 (07092824)	45.17659 (07092824)	46.01426 (07092824)	44.95609 (07092824)
3758000.2	45.57543 (07092824)	48.50190 (07092824)	49.59129 (07092824)	48.57650 (07092824)	45.82254 (07092824)
3757970.2	52.28724 (07092824)	53.67390 (07092824)	52.71223 (07092824)	49.77235 (07092824)	49.27662 (06101024)
3757940.2	58.36948 (07092824)	57.47951 (07092824)	54.31752 (07092824)	55.56437 (06101024)	63.66342 (06101024)
3757910.2	63.02607 (07092824)	59.59676 (07092824)	63.08408 (06101024)	71.91758 (06101024)	78.72880 (06101024)
3757880.2	65.79628 (07092824)	72.15583 (06101024)	81.74406 (06101024)	88.77491 (06101024)	92.95489 (06101024)
3757850.2	83.19028 (06101024)	93.47930 (06101024)	100.49997 (06101024)	104.02581 (06101024)	104.24032 (06101024)
3757820.2	107.51104 (06101024)	114.12358 (06101024)	116.47601 (06101024)	114.94680 (06101024)	110.18010 (06101024)
3757790.2	129.84632 (06101024)	130.27902 (06101024)	126.28394 (06101024)	118.80102 (06101024)	108.89590 (06101024)
3757760.2	145.33334 (06101024)	137.97614 (06101024)	127.10828 (06101024)	114.11976 (06101024)	100.25502 (06101024)
3757730.2	149.67344 (06101024)	134.79645 (06101024)	118.41827 (06101024)	101.85841 (06101024)	86.39861 (06052024)
3757700.2	141.67114 (06101024)	121.72422 (06101024)	102.43082 (06101024)	93.07496 (06052024)	84.51370 (06052024)
3757670.2	124.12377 (06101024)	110.13691 (06052024)	98.98826 (06052024)	88.24391 (06052024)	86.29012 (05081824)
3757640.2	117.79800 (06052024)	106.21775 (05081824)	102.12193 (05081824)	97.54143 (05081824)	92.61845 (05081824)
3757610.2	121.01197 (05081824)	113.61154 (05081824)	106.22332 (05081824)	98.90555 (05081824)	91.72049 (05081824)
3757580.2	123.20064 (05081824)	113.00477 (05081824)	103.29400 (05081824)	94.09042 (05081824)	85.43239 (05081824)
3757550.2	118.00151 (05081824)	105.64998 (05081824)	94.30331 (05081824)	83.95810 (05081824)	76.62785 (06050424)
3757520.2	104.01460 (05081824)	93.20268 (05102324)	84.16500 (05102324)	76.80798 (06050424)	70.74319 (06050424)
3757490.2	102.74543 (05102324)	91.52444 (05102324)	81.61999 (05102324)	72.92851 (05102324)	65.34520 (05102324)
3757460.2	97.41885 (07051524)	89.36387 (07051524)	82.27853 (07051524)	76.00334 (07051524)	70.41544 (07051524)
3757430.2	101.94109 (06060724)	91.73448 (06060724)	82.96814 (06060724)	77.34193 (07051524)	72.31423 (07051524)
3757400.2	102.34705 (06060724)	92.87066 (06060724)	84.43772 (06060724)	76.98768 (06060724)	70.43933 (06060724)
3757370.2	95.79235 (06060724)	88.50059 (06060724)	81.65894 (06060724)	75.29258 (06060724)	69.43634 (06060724)
3757340.2	83.84025 (06060724)	79.36426 (06060724)	74.86143 (06060724)	70.36675 (06060724)	65.93974 (06060724)
3757310.2	69.06751 (07110724)	66.59219 (06060724)	64.54389 (06060724)	62.20232 (06060724)	59.61816 (06060724)
3757280.2	59.78089 (06030824)	57.90752 (07110724)	57.05135 (07110724)	55.78768 (07110724)	54.19277 (07110724)
3757250.2	57.72074 (05070224)	53.61990 (05070224)	48.95687 (05070224)	47.44462 (07110724)	47.62010 (07110724)
3757220.2	55.48857 (05070424)	52.66553 (05070224)	50.10757 (05070224)	46.73699 (05070224)	42.83002 (05070224)
3757190.2	54.31710 (06051424)	49.73871 (05070424)	47.36554 (05070224)	46.22031 (05070224)	44.11930 (05070224)
3757160.2	54.25524 (06051424)	50.68558 (06051424)	45.75962 (06051424)	41.95711 (05070224)	41.97859 (05070224)
3757130.2	49.96121 (06051424)	49.65092 (06051424)	47.33800 (06051424)	43.54816 (06051424)	38.83422 (06051424)
3757100.2	45.09174 (05082324)	44.78606 (06051424)	45.36487 (06051424)	44.10787 (06051424)	41.36485 (06051424)
3757070.2	41.14909 (05012924)	41.37847 (05082324)	41.24648 (05082324)	41.36669 (06051424)	40.96311 (06051424)
3757040.2	38.74782 (05012924)	37.34009 (05012924)	38.05298 (05082324)	38.42069 (05082324)	37.65359 (06051424)
3757010.2	35.26840 (05012924)	35.22884 (05012924)	34.09276 (05012924)	35.06048 (05082324)	35.81254 (05082324)
3756980.2	31.87406 (07092724)	32.17910 (05012924)	32.20993 (05012924)	31.29425 (05012924)	32.35986 (05082324)
3756950.2	29.40242 (07092724)	30.07643 (07092724)	29.50959 (05012924)	29.59701 (05012924)	28.85710 (05012924)
*** AERMOD - VERSION 09292 ***					
*** Site 14 - PM10			***		
			10/26/10		
			14:48:25		
			PAGE 27		

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**MODELOPTs: NonDEFAULT CONC                FLAT
                                                NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOLL , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

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Y-COORD (METERS)	372895.22	372925.22	372955.22	372985.22	373015.22
3756920.2	27.57727 (06071724)	28.13196 (07092724)	28.42324 (07092724)	27.18668 (05012924)	27.31554 (05012924)
3756890.2	26.53770 (06071724)	25.86069 (06071724)	26.94982 (07092724)	26.88869 (07092724)	25.15045 (05012924)
3756860.2	24.96467 (07090824)	25.41113 (06071724)	24.15417 (06071724)	25.83082 (07092724)	25.45741 (07092724)
3756830.2	24.65517 (07090824)	24.38389 (07090824)	24.21563 (06071724)	23.24795 (07092724)	24.76103 (07092724)
3756800.2	23.92550 (07021324)	24.61381 (07090824)	23.56222 (07090824)	22.97050 (06071724)	22.58454 (07092724)
3756770.2	23.74826 (07021324)	23.80178 (07090824)	24.31085 (07090824)	22.53369 (07090824)	21.69374 (06071724)
3756740.2	23.18811 (07021324)	22.09966 (07090824)	24.00686 (07090824)	23.76332 (07090824)	21.46924 (06071724)
3756710.2	22.32058 (07021324)	21.46471 (07021324)	22.75481 (07090824)	23.96005 (07090824)	22.99319 (07090824)
3756680.2	21.22251 (07021324)	20.89119 (07021324)	20.72539 (07090824)	23.17984 (07090824)	23.67254 (07090824)
3756650.2	21.10843 (05081524)	20.08020 (07021324)	19.47183 (07021324)	21.55150 (07090824)	23.36802 (07090824)
*** AERMOD - VERSION 09292 ***					
*** Site 14 - PM10			***		
			10/26/10		
			14:48:25		
			PAGE 28		

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**MODELOPTs: NonDEFAULT CONC                FLAT
                                                NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOLL , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

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Y-COORD (METERS)	373045.22	373075.22	373105.22	373135.22	373165.22
3758120.2	37.25593 (07092824)	37.52585 (07092824)	36.38759 (07092824)	34.16538 (07092824)	31.29504 (07092824)
3758090.2	40.04255 (07092824)	38.92376 (07092824)	36.59050 (07092824)	33.52435 (07092824)	37.49510 (06101024)
3758060.2	41.76124 (07092824)	39.30604 (07092824)	36.01918 (07092824)	41.29874 (06101024)	46.27035 (06101024)
3758030.2	42.35989 (07092824)	39.44906 (06101024)	45.67848 (06101024)	51.00223 (06101024)	55.16990 (06101024)
3758000.2	43.96855 (06101024)	50.75718 (06101024)	56.45694 (06101024)	60.80000 (06101024)	63.69904 (06101024)

Site #14 – Localized PM₁₀ Concentrations

3757970.2	56.68636 (06101024)	62.77657 (06101024)	67.26181 (06101024)	70.06202 (06101024)	71.24920 (06101024)
3757940.2	70.13401 (06101024)	74.68651 (06101024)	77.25370 (06101024)	77.94680 (06101024)	76.98149 (06101024)
3757910.2	83.20900 (06101024)	85.33671 (06101024)	85.28163 (06101024)	83.33036 (06101024)	79.82856 (06101024)
3757880.2	94.33998 (06101024)	93.19212 (06101024)	89.90509 (06101024)	84.94824 (06101024)	78.81295 (06101024)
3757850.2	101.55331 (06101024)	96.52252 (06101024)	89.77467 (06101024)	81.94558 (06101024)	73.61722 (06101024)
3757820.2	102.94363 (06101024)	94.07272 (06101024)	84.36424 (06101024)	74.46432 (06101024)	64.84084 (06101024)
3757790.2	97.62840 (06101024)	85.90988 (06101024)	74.43058 (06101024)	64.99587 (06052024)	60.84432 (06052024)
3757760.2	86.48828 (06101024)	74.50396 (06052024)	69.31577 (06052024)	63.99715 (06052024)	58.70281 (06052024)
3757730.2	79.82232 (06052024)	73.12494 (06052024)	66.52406 (06052024)	63.22467 (05090224)	61.47336 (05081824)
3757700.2	76.16116 (06052024)	72.84742 (05081824)	71.83016 (05081824)	70.24140 (05081824)	68.19485 (05081824)
3757670.2	83.80747 (05081824)	80.80012 (05081824)	77.39873 (05081824)	73.72292 (05081824)	69.87527 (05081824)
3757640.2	87.47338 (05081824)	82.21897 (05081824)	76.95028 (05081824)	71.74803 (05081824)	66.67614 (05081824)
3757610.2	84.74132 (05081824)	78.02541 (05081824)	71.62335 (05081824)	65.56960 (05081824)	59.88054 (05081824)
3757580.2	77.34784 (05081824)	69.85191 (05081824)	63.84836 (06050424)	60.13719 (06050424)	56.79317 (06050424)
3757550.2	71.15617 (06050424)	66.31989 (06050424)	61.99579 (06050424)	58.09473 (06050424)	54.54386 (06050424)
3757520.2	65.38013 (06050424)	60.58530 (06050424)	56.26364 (06050424)	52.33959 (06050424)	48.76077 (06050424)
3757490.2	58.96448 (07051524)	54.68306 (07051524)	50.89899 (07051524)	47.53571 (07051524)	44.52982 (07051524)
3757460.2	65.41948 (07051524)	60.93908 (07051524)	56.90696 (07051524)	53.26747 (07051524)	49.97358 (07051524)
3757430.2	67.72467 (07051524)	63.52283 (07051524)	59.66803 (07051524)	56.12811 (07051524)	52.87214 (07051524)
3757400.2	64.90432 (07051524)	61.41258 (07051524)	58.16237 (07051524)	55.12807 (07051524)	52.29249 (07051524)
3757370.2	64.11011 (06060724)	59.31243 (06060724)	55.01998 (06060724)	51.19109 (06060724)	48.10685 (07051524)
3757340.2	61.65145 (06060724)	57.56794 (06060724)	53.74259 (06060724)	50.20763 (06060724)	46.97615 (06060724)
3757310.2	56.85653 (06060724)	53.98456 (06060724)	51.08020 (06060724)	48.21282 (06060724)	45.44310 (06060724)
3757280.2	52.33113 (07110724)	50.21956 (07110724)	47.89273 (07110724)	45.38429 (07110724)	42.73159 (07110724)
3757250.2	47.29688 (07110724)	46.56461 (07110724)	45.49172 (07110724)	44.12688 (07110724)	42.50828 (07110724)
3757220.2	39.16658 (07110724)	39.99763 (07110724)	40.32874 (07110724)	40.22910 (07110724)	39.76040 (07110724)
3757190.2	41.30082 (05070224)	38.00153 (05070224)	34.42447 (05070224)	33.74115 (07110724)	34.50439 (07110724)
3757160.2	41.01828 (05070224)	39.25061 (05070224)	36.86784 (05070224)	34.06223 (05070224)	31.00922 (05070224)
3757130.2	37.57384 (05070224)	37.55142 (05070224)	36.71548 (05070224)	35.20498 (05070224)	33.17268 (05070224)
3757100.2	37.56940 (06051424)	33.21810 (05070224)	33.90912 (05070224)	33.84034 (05070224)	33.09659 (05070224)
3757070.2	39.14007 (06051424)	36.20966 (06051424)	32.51286 (06051424)	30.27388 (05070224)	30.79295 (05070224)
3757040.2	37.91848 (06051424)	36.87442 (06051424)	34.72705 (06051424)	31.74267 (06051424)	28.20546 (06051424)
3757010.2	34.84973 (05082324)	34.99702 (06051424)	34.59359 (06051424)	33.13534 (06051424)	30.81242 (06051424)
3756980.2	33.40338 (05082324)	32.90023 (05082324)	32.22102 (06051424)	32.32982 (06051424)	31.46151 (06051424)
3756950.2	29.91630 (05082324)	31.17798 (05082324)	31.05003 (05082324)	29.63951 (05082324)	30.11490 (06051424)

*** AERMOD - VERSION 09292 *** Site 14 - PM10 ***
 10/26/10
 14:48:25
 PAGE 29

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT
 *** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
 ** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	373045.22	373075.22	X-COORD (METERS) 373105.22	373135.22	373165.22
3756920.2	26.71809 (05012924)	27.70247 (05082324)	29.12123 (05082324)	29.29802 (05082324)	28.28887 (05082324)
3756890.2	25.31064 (05012924)	24.82629 (05012924)	25.69159 (05082324)	27.22043 (05082324)	27.64206 (05082324)
3756860.2	23.35510 (05012924)	23.53653 (05012924)	23.14384 (05012924)	23.86403 (05082324)	25.46353 (05082324)
3756830.2	24.11638 (07092724)	21.76436 (05012924)	21.95796 (05012924)	21.63852 (05012924)	22.20023 (05082324)
3756800.2	23.73413 (07092724)	22.85776 (07092724)	20.34542 (05012924)	20.54657 (05012924)	20.28583 (05012924)
3756770.2	21.93220 (07092724)	22.74471 (07092724)	21.67272 (07092724)	19.12722 (07092724)	19.27793 (05012924)
3756740.2	20.40512 (06071724)	21.28450 (07092724)	21.79114 (07092724)	20.55614 (07092724)	18.00911 (07092724)
3756710.2	20.55768 (06071724)	19.12085 (06071724)	20.64044 (07092724)	20.87156 (07092724)	19.50088 (07092724)
3756680.2	22.03527 (07090824)	19.59590 (06071724)	18.44586 (07092724)	19.99950 (07092724)	19.98637 (07092724)
3756650.2	23.15835 (07090824)	20.92269 (07090824)	18.59890 (06071724)	18.09816 (07092724)	19.36157 (07092724)

*** AERMOD - VERSION 09292 *** Site 14 - PM10 ***
 10/26/10
 14:48:25
 PAGE 30

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT
 *** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
372149.67	3757202.57	157.43072 (06123024)	372200.97	3757196.42	177.42680 (05120824)
372734.43	3757083.57	48.13880 (05061324)	372746.74	3757147.17	57.89363 (05012924)
372767.26	3757192.31	68.13623 (05012924)	372894.46	3757118.45	47.20707 (06051424)
372371.27	3757725.77	159.66467 (06090524)			

*** AERMOD - VERSION 09292 *** Site 14 - PM10 ***
 10/26/10
 14:48:25
 PAGE 31

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT
 *** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

GROUP ID	DATE AVERAGE CONC (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS 1461.34019 ON 05120824: AT (372415.22, 3757400.16, 10.00, 10.00, 0.00)			GC UCART1

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR
 *** AERMOD - VERSION 09292 *** Site 14 - PM10 ***
 10/26/10
 14:48:25
 PAGE 32

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT
 *** Message Summary : AERMOD Model Execution ***
 ----- Summary of Total Messages -----
 A Total of 0 Fatal Error Message(s)

Site #14 – Localized PM₁₀ Concentrations

A Total of 0 Warning Message(s)
A Total of 152 Informational Message(s)
A Total of 26280 Hours Were Processed
A Total of 15 Calm Hours Identified
A Total of 137 Missing Hours Identified (0.52 Percent)

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

***** WARNING MESSAGES *****
*** NONE ***

*** AERMOD Finishes Successfully ***

Site #14 – Localized PM_{2.5} Concentrations

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**
** AERMOD Input Produced by:
** AERMOD View Ver. 6.7.1
** Lakes Environmental Software Inc.
** Date: 10/26/2010
** File: C:\Documents and Settings\jbailey\Desktop\Site 14\PM25.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
TITLEONE Site 14 - PM2.5
MODELOPT CONC NODRYDPLT NOWETDPLT FLAT
AVERTIME 24 ANNUAL
URBANOPT 9862049 Los_Angeles_County
POLLUTID PM2.5
RUNORNOT RUN
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION VOL1 VOLUME 372476.980 3757462.370 0.0
** DESCRSRC Equipment
LOCATION AREAL AREA 372375.090 3757366.850 0.0
** DESCRSRC Dust
** Source Parameters **
SRCPARAM VOL1 0.0372 4.100 46.783 1.163
SRCPARAM AREAL 0.00001006 0.000 201.168 201.168 0.000
URBANSRC AREAL-VOL1
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
GRIDCART UCART1 STA
                XYINC 371692.63 50 30.00 3756649.46 50 30.00
GRIDCART UCART1 END
** DESCRREC ** **
DISCCART 372149.67 3757202.57
DISCCART 372200.97 3757196.42
DISCCART 372734.43 3757083.57
DISCCART 372746.74 3757147.17
DISCCART 372767.26 3757192.31
DISCCART 372894.46 3757118.45
DISCCART 372371.27 3757725.77
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
SURFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC"
PROFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL"
SURFDATA 0 2005
UAIRDATA 3190 2005
PROFBASE 10 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 24 1ST
** Auto-Generated Plotfiles
PLOTFILE 24 ALL 1ST PM25.AD\24H1GALL.PLT
PLOTFILE ANNUAL ALL PM25.AD\AN00GALL.PLT
OU FINISHED

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

*** AERMOD - VERSION 09292 ***      *** Site 14 - PM2.5      ***      10/26/10
***                               ***                       ***      15:37:05
***                               ***                       ***      PAGE 1

**MODELOPTs:  NonDEFAULT CONC                FLAT
                NODRYDPLT NOWETDPLT

***      MODEL SETUP OPTIONS SUMMARY      ***
-----
**Model Is Setup For Calculation of Average CONCentration Values.

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

**Model Uses URBAN Dispersion Algorithm for the SBL for      2 Source(s),
for Total of      1 Urban Area(s):

```

Site #14 – Localized PM_{2.5} Concentrations

Urban Population = 9862049.0 ; Urban Roughness Length = 1.000 m

**Model Allows User-Specified Options:
1. Stack-tip Downwash.
2. Model Assumes Receptors on FLAT Terrain.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Urban Roughness Length of 1.0 Meter Used.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates 1 Short Term Average(s) of: 24-HR and Calculates ANNUAL Averages

**This Run Includes: 2 Source(s); 1 Source Group(s); and 2507 Receptor(s)

**The Model Assumes A Pollutant Type of: PM2.5

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

**Output Options Selected:
Model Outputs Tables of ANNUAL Averages by Receptor
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

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

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 10.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.8 MB of RAM.

*** AERMOD - VERSION 09292 *** Site 14 - PM2.5 *** 10/26/10
*** 15:37:05
PAGE 2

**MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT

*** VOLUME SOURCE DATA ***

Table with 13 columns: SOURCE ID, NUMBER PART. CATS., EMISSION RATE (GRAMS/SEC), X (METERS), Y (METERS), BASE ELEV. (METERS), RELEASE HEIGHT (METERS), INIT. SY (METERS), INIT. SZ (METERS), URBAN SOURCE, EMISSION RATE SCALAR VARY BY. Row 1: VOL1, 0, 0.37200E-01, 372477.0, 3757462.4, 10.0, 4.10, 46.78, 1.16, YES

*** AERMOD - VERSION 09292 *** Site 14 - PM2.5 *** 10/26/10
*** 15:37:05
PAGE 3

**MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT

*** AREA SOURCE DATA ***

Table with 14 columns: SOURCE ID, NUMBER PART. CATS., EMISSION RATE (GRAMS/SEC / METER**2), COORD X (METERS), COORD 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), URBAN SOURCE, EMISSION RATE SCALAR VARY BY. Row 1: AREAL, 0, 0.10060E-04, 372375.1, 3757366.8, 10.0, 0.00, 201.17, 201.17, 0.00, 0.00, YES

*** AERMOD - VERSION 09292 *** Site 14 - PM2.5 *** 10/26/10
*** 15:37:05
PAGE 4

**MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

ALL VOL1 , AREAL ,
*** AERMOD - VERSION 09292 *** Site 14 - PM2.5 *** 10/26/10
*** 15:37:05
PAGE 5

**MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID *** (METERS)

Table with 10 columns of X-coordinates: 371692.6, 371722.6, 371752.6, 371782.6, 371812.6, 371842.6, 371872.6, 371902.6, 371932.6, 371962.6

*** Y-COORDINATES OF GRID *** (METERS)

Table with 10 columns of Y-coordinates: 3756649.5, 3756679.5, 3756709.5, 3756739.5, 3756769.5, 3756799.5, 3756829.5, 3756859.5, 3756889.5, 3756919.5

*** AERMOD - VERSION 09292 *** Site 14 - PM2.5 *** 10/26/10
*** 15:37:05
PAGE 6

**MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT

Site #14 – Localized PM_{2.5} Concentrations

05	01	01	1	10	114.4	0.293	1.397	0.005	862.	365.	-19.9	0.26	1.00	0.22	2.10	83.	9.1	284.9	5.5
05	01	01	1	11	139.9	0.299	1.673	0.010	1212.	376.	-17.3	0.26	1.00	0.19	2.10	80.	9.1	287.0	5.5
05	01	01	1	12	15.0	0.122	0.797	0.010	1215.	125.	-10.8	0.26	1.00	0.18	0.80	30.	9.1	287.0	5.5
05	01	01	1	13	28.1	0.223	0.983	0.010	1221.	241.	-35.4	0.26	1.00	0.18	1.70	184.	9.1	287.0	5.5
05	01	01	1	14	17.9	0.256	0.847	0.009	1225.	298.	-84.4	0.26	1.00	0.19	2.10	201.	9.1	287.0	5.5
05	01	01	1	15	4.2	0.231	0.521	0.009	1226.	256.	-268.6	0.26	1.00	0.22	2.00	205.	9.1	286.4	5.5
05	01	01	1	16	0.1	0.180	0.151	0.009	1226.	176.	-5231.4	0.26	1.00	0.31	1.60	211.	9.1	286.4	5.5
05	01	01	1	17	-1.7	0.045	-9.000	-9.000	-999.	46.	4.9	0.26	1.00	0.57	0.80	216.	9.1	285.9	5.5
05	01	01	1	18	-0.6	0.028	-9.000	-9.000	-999.	11.	3.4	0.26	1.00	1.00	0.50	38.	9.1	285.4	5.5
05	01	01	1	19	-0.4	0.022	-9.000	-9.000	-999.	8.	2.8	0.26	1.00	1.00	0.40	261.	9.1	284.9	5.5
05	01	01	1	20	-0.4	0.022	-9.000	-9.000	-999.	8.	2.8	0.26	1.00	1.00	0.40	337.	9.1	284.9	5.5
05	01	01	1	21	-1.5	0.045	-9.000	-9.000	-999.	22.	5.5	0.26	1.00	1.00	0.80	12.	9.1	284.9	5.5
05	01	01	1	22	-1.5	0.045	-9.000	-9.000	-999.	22.	5.5	0.26	1.00	1.00	0.80	360.	9.1	284.9	5.5
05	01	01	1	23	-1.9	0.050	-9.000	-9.000	-999.	26.	6.2	0.26	1.00	1.00	0.90	46.	9.1	284.2	5.5
05	01	01	1	24	-1.5	0.045	-9.000	-9.000	-999.	22.	5.5	0.26	1.00	1.00	0.80	12.	9.1	284.2	5.5

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
05	01	01	01	5.5	0	-999.	-99.00	282.6	99.0	-99.00	-99.00
05	01	01	01	9.1	1	52.	1.10	-999.0	99.0	-99.00	-99.00

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

*** AERMOD - VERSION 09292 *** *** Site 14 - PM2.5
*** ***
PAGE 10

MODELOPTs: NonDEFAULT CONC

FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S):

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	371692.63	371722.63	371752.63	371782.63	371812.63	371842.63	371872.63	371902.63	371932.63
3758119.46	0.31249	0.32575	0.34061	0.35735	0.37623	0.39744	0.42092	0.44642	0.47355
3758089.46	0.32260	0.33574	0.35053	0.36720	0.38606	0.40742	0.43146	0.45809	0.48702
3758059.46	0.33441	0.34739	0.36201	0.37857	0.39735	0.41872	0.44300	0.47040	0.50081
3758029.46	0.34811	0.36104	0.37551	0.39189	0.41052	0.43179	0.45610	0.48387	0.51530
3757999.46	0.36354	0.37677	0.39132	0.40760	0.42607	0.44718	0.47140	0.49924	0.53120
3757969.46	0.38041	0.39433	0.40941	0.42596	0.44445	0.46545	0.48955	0.51734	0.54945
3757939.46	0.39861	0.41348	0.42949	0.44682	0.46584	0.48706	0.51117	0.53893	0.57109
3757909.46	0.41840	0.43433	0.45145	0.46995	0.49004	0.51209	0.53670	0.56469	0.59700
3757879.46	0.44028	0.45737	0.47569	0.49547	0.51696	0.54042	0.56623	0.59507	0.62794
3757849.46	0.46484	0.48327	0.50296	0.52415	0.54714	0.57224	0.59981	0.63030	0.66450
3757819.46	0.49300	0.51283	0.53412	0.55699	0.58170	0.60859	0.63812	0.67077	0.70713
3757789.46	0.52582	0.54716	0.57020	0.59507	0.62192	0.65103	0.68284	0.71793	0.75696
3757759.46	0.56368	0.58698	0.61219	0.63948	0.66902	0.70105	0.73590	0.77409	0.81639
3757729.46	0.60578	0.63189	0.66006	0.69055	0.72365	0.75961	0.79871	0.84138	0.88828
3757699.46	0.65121	0.68092	0.71294	0.74759	0.78526	0.82635	0.87124	0.92033	0.97415
3757669.46	0.70024	0.73416	0.77077	0.81044	0.85361	0.90084	0.95273	1.00993	1.07312
3757639.46	0.75416	0.79294	0.83495	0.88061	0.93041	0.98497	1.04506	1.11162	1.18576
3757609.46	0.81649	0.85921	0.90768	0.96060	1.01857	1.08233	1.15277	1.23102	1.31850
3757579.46	0.88292	0.93414	0.99027	1.05196	1.11998	1.19527	1.27899	1.37255	1.47772
3757549.46	0.95697	1.01540	1.07990	1.15133	1.23075	1.31940	1.41880	1.53086	1.65796
3757519.46	1.03331	1.09907	1.17206	1.25344	1.34459	1.44720	1.56333	1.69557	1.84715
3757489.46	1.11085	1.18459	1.26683	1.35901	1.46293	1.58079	1.71537	1.87019	2.04977
3757459.46	1.19168	1.27488	1.36820	1.47346	1.59292	1.72939	1.88645	2.06873	2.28217
3757429.46	1.27868	1.37318	1.47981	1.60008	1.73896	1.89778	2.08172	2.29654	2.54974
3757399.46	1.37311	1.48034	1.60184	1.74030	1.89906	2.08236	2.29563	2.54590	2.84246
3757369.46	1.47497	1.59554	1.73253	1.88907	2.06915	2.27781	2.52147	2.80850	3.14958
3757339.46	1.58602	1.72046	1.87358	2.04905	2.25145	2.48653	2.76149	3.08534	3.46950
3757309.46	1.70841	1.85765	2.02797	2.22342	2.44897	2.71066	3.01587	3.37366	3.79488
3757279.46	1.84081	2.00524	2.19277	2.40750	2.65442	2.93937	3.26922	3.65205	4.09698
3757249.46	1.97772	2.15600	2.35849	2.58908	2.85228	3.15319	3.49748	3.89134	4.34137
3757219.46	2.11139	2.30053	2.51389	2.75482	3.02699	3.33428	3.68067	4.07010	4.50629
3757189.46	2.23470	2.43077	2.64997	2.89478	3.16772	3.47114	3.80706	4.17711	4.58197
3757159.46	2.34271	2.54130	2.76068	3.00228	3.26724	3.56532	3.86967	4.20664	4.56527
3757129.46	2.43170	2.62763	2.84080	3.07154	3.31971	3.58472	3.86519	4.15864	4.46107
3757099.46	2.49739	2.68488	2.88527	3.09798	3.32198	3.55562	3.79633	4.04048	4.28271
3757069.46	2.53543	2.70913	2.89126	3.08064	3.27560	3.47374	3.67181	3.86552	4.04930
3757039.46	2.54340	2.69934	2.85964	3.02269	3.18641	3.34804	3.50413	3.65030	3.78125
3757009.46	2.52178	2.65767	2.79445	2.93030	3.06298	3.18975	3.30714	3.41102	3.49659
3756979.46	2.47336	2.58846	2.70173	2.81133	2.91506	3.01026	3.09363	3.16130	3.20913
3756949.46	2.40249	2.49738	2.58851	2.67409	2.75201	2.81961	2.87378	2.91117	2.92863

*** AERMOD - VERSION 09292 *** *** Site 14 - PM2.5
*** ***
PAGE 11

MODELOPTs: NonDEFAULT CONC

FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S):

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	371692.63	371722.63	371752.63	371782.63	371812.63	371842.63	371872.63	371902.63	371932.63
3756919.46	2.31435	2.39062	2.46180	2.52616	2.58152	2.62535	2.65489	2.66760	2.66152
3756889.46	2.21434	2.27400	2.32762	2.37339	2.40921	2.43278	2.44200	2.43527	2.41182
3756859.46	2.10721	2.15224	2.19041	2.21994	2.23892	2.24556	2.23854	2.21724	2.18190
3756829.46	1.99659	2.02868	2.05324	2.06863	2.07334	2.06627	2.04688	2.01547	1.97298
3756799.46	1.88502	1.90559	1.91816	1.92144	1.91445	1.89679	1.86870	1.83108	1.78524
3756769.46	1.77417	1.78449	1.78668	1.77990	1.76377	1.73852	1.70502	1.66443	1.61796
3756739.46	1.66516	1.66653	1.65999	1.64524	1.62247	1.59244	1.55627	1.51510	1.46978
3756709.46	1.55889	1.52624	1.53912	1.51850	1.49145	1.45901	1.42227	1.38209	1.33884
3756679.46	1.45609	1.44368	1.42494	1.40048	1.37122	1.33822	1.30234	1.26400	1.22319
3756649.46	1.35749	1.34041	1.31818	1.29167	1.26187	1.22961	1.19538	1.15921	1.12082

*** AERMOD - VERSION 09292 *** *** Site 14 - PM2.5
*** ***
PAGE 12

MODELOPTs: NonDEFAULT CONC

FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S):

Site #14 – Localized PM_{2.5} Concentrations

INCLUDING SOURCE(S): VOL1, AREAL

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	371962.63	371992.63	372022.63	X-COORD (METERS)		372112.63	372142.63	372172.63	372202.63
				372052.63	372082.63				
3758119.46	0.50183	0.53083	0.56027	0.59018	0.62061	0.65122	0.68111	0.70935	0.73577
3758089.46	0.51778	0.54990	0.58294	0.61665	0.65101	0.68581	0.72027	0.75322	0.78409
3758059.46	0.53383	0.56897	0.60575	0.64370	0.68261	0.72229	0.76205	0.80064	0.83701
3758029.46	0.55025	0.58824	0.62873	0.67121	0.71522	0.76049	0.80642	0.85172	0.89488
3757999.46	0.56751	0.60798	0.65206	0.69916	0.74871	0.80026	0.85327	0.90647	0.95798
3757969.46	0.58649	0.62878	0.67606	0.72771	0.78308	0.84152	0.90247	0.96483	1.02645
3757939.46	0.60844	0.65176	0.70143	0.75721	0.81844	0.88432	0.95406	1.02675	1.10036
3757909.46	0.63460	0.67851	0.72968	0.78864	0.85522	0.92872	1.00816	1.09241	1.17979
3757879.46	0.66599	0.71050	0.76274	0.82339	0.89477	0.97534	1.06490	1.16209	1.26512
3757849.46	0.70355	0.74896	0.80235	0.86539	0.93957	1.02605	1.12516	1.23613	1.35694
3757819.46	0.74814	0.79519	0.85013	0.91516	0.99247	1.08404	1.19156	1.31591	1.45609
3757789.46	0.80078	0.85058	0.90811	0.97568	1.05623	1.15283	1.26822	1.40507	1.56487
3757759.46	0.86368	0.91717	0.97853	1.05005	1.13476	1.23660	1.35996	1.50909	1.68828
3757729.46	0.94035	0.99882	1.06534	1.14232	1.23303	1.34171	1.47374	1.63558	1.83438
3757699.46	1.03350	1.09959	1.17407	1.25920	1.35838	1.47653	1.62004	1.79681	2.01676
3757669.46	1.14305	1.22080	1.30795	1.40676	1.52033	1.65351	1.81365	2.01092	2.25817
3757639.46	1.26870	1.36178	1.46675	1.58608	1.72320	1.88287	2.07236	2.30297	2.59133
3757609.46	1.41699	1.52862	1.65593	1.80207	1.97140	2.17020	2.40730	2.69592	3.05654
3757579.46	1.59677	1.73265	1.88917	2.07115	2.28476	2.53861	2.84530	3.22376	3.70360
3757549.46	1.80311	1.97026	2.16465	2.39338	2.66614	2.99630	3.40309	3.91634	4.58483
3757519.46	2.02226	2.22636	2.46680	2.75366	3.10123	3.53043	4.07275	4.77753	5.72822
3757489.46	2.26000	2.50869	2.80641	3.16785	3.61399	4.17596	4.90180	5.86935	7.10504
3757459.46	2.53469	2.83690	3.20335	3.65451	4.21984	4.94315	5.89106	7.16779	8.94029
3757429.46	2.85135	3.21497	3.65941	4.21104	4.90738	5.80253	6.97537	8.54156	10.67192
3757399.46	3.19761	3.62790	4.15563	4.81117	5.63616	6.68762	8.04381	9.81283	12.14570
3757369.46	3.55867	4.05393	4.65907	5.40503	6.33186	7.49154	8.95207	10.80244	13.15880
3757339.46	3.92823	4.47947	5.14546	5.95362	6.93784	8.14003	9.61135	11.41244	13.61579
3757309.46	4.29268	4.88255	5.58263	6.41429	7.40217	8.57363	9.95671	11.57727	13.45533
3757279.46	4.61437	5.21573	5.91373	6.72183	7.65282	8.71629	9.91446	11.23654	12.64931
3757249.46	4.85447	5.43758	6.09707	6.83714	7.65735	8.54938	9.49274	10.44959	11.35714
3757219.46	4.99243	5.53046	6.11966	6.75493	7.42457	8.10745	8.77111	9.36958	9.84100
3757189.46	5.02102	5.49120	5.98577	6.49296	6.99439	7.46466	7.87134	8.17459	8.32944
3757159.46	4.94163	5.32889	5.71664	6.09000	6.42984	6.71327	6.91396	7.00392	6.95990
3757129.46	4.76527	5.06559	5.34741	5.59749	5.79939	5.93517	5.98701	5.94044	5.78951
3757099.46	4.51607	4.73167	4.91874	5.06535	5.15893	5.18779	5.14271	5.01930	4.81879
3757069.46	4.21630	4.35843	4.46674	4.53225	4.54703	4.50503	4.40348	4.24357	4.02925
3757039.46	3.89078	3.97208	4.01856	4.04256	3.98616	3.90156	3.77177	3.60022	3.39153
3757009.46	3.55852	3.59183	3.59239	3.55752	3.48619	3.37932	3.23965	3.07097	2.87776
3756979.46	3.23319	3.23038	3.19881	3.13799	3.04883	2.93351	2.79508	2.63704	2.46308
3756949.46	2.92377	2.89520	2.84277	2.76750	2.67113	2.55606	2.42507	2.28103	2.12650

*** AERMOD - VERSION 09292 *** *** Site 14 - PM2.5 *** *** 10/26/10 15:37:05 PAGE 13

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VOL1, AREAL

VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	371962.63	371992.63	372022.63	X-COORD (METERS)		372112.63	372142.63	372172.63	372202.63
				372052.63	372082.63				
3756919.46	2.63565	2.59006	2.52574	2.44434	2.34767	2.23783	2.11722	1.98778	1.85109
3756889.46	2.37182	2.31631	2.24679	2.16480	2.07185	1.96978	1.86035	1.74459	1.62359
3756859.46	2.13354	2.07357	2.00337	1.92407	1.83698	1.74357	1.64489	1.54123	1.43398
3756829.46	1.92076	1.86012	1.79197	1.71714	1.63676	1.55187	1.46284	1.36974	1.27469
3756799.46	1.73237	1.67335	1.60869	1.53911	1.46550	1.38844	1.30780	1.22403	1.13998
3756769.46	1.56645	1.51026	1.44975	1.38553	1.31829	1.24811	1.17482	1.09952	1.02539
3756739.46	1.42064	1.36782	1.31158	1.25249	1.19096	1.12680	1.06010	0.99261	0.92738
3756709.46	1.29253	1.24314	1.19101	1.13664	1.08014	1.02131	0.96071	0.90041	0.84303
3756679.46	1.17971	1.13363	1.08532	1.03517	0.98314	0.92917	0.87428	0.82053	0.76997
3756649.46	1.08003	1.03701	0.99221	0.94586	0.89786	0.84844	0.79886	0.75097	0.70627

*** AERMOD - VERSION 09292 *** *** Site 14 - PM2.5 *** *** 10/26/10 15:37:05 PAGE 14

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VOL1, AREAL

VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372232.63	372262.63	372292.63	X-COORD (METERS)		372382.63	372412.63	372442.63	372472.63
				372322.63	372352.63				
3758119.46	0.76162	0.78995	0.82423	0.86515	0.91166	0.96489	1.02405	1.08421	1.13981
3758089.46	0.81388	0.84570	0.88365	0.92894	0.98027	1.03881	1.10418	1.17133	1.23420
3758059.46	0.87166	0.90774	0.95008	1.00069	1.05793	1.12281	1.19535	1.27054	1.34187
3758029.46	0.93570	0.97707	1.02465	1.08169	1.14625	1.21885	1.29984	1.38435	1.46562
3757999.46	1.00670	1.05487	1.10879	1.17354	1.24720	1.32942	1.42058	1.51603	1.60904
3757969.46	1.08528	1.14237	1.20426	1.27826	1.36323	1.45759	1.56131	1.67682	1.77688
3757939.46	1.17193	1.24085	1.31314	1.39844	1.49743	1.60728	1.72691	1.85138	1.97548
3757909.46	1.26703	1.35154	1.43776	1.53734	1.65387	1.78357	1.92378	2.06837	2.21349
3757879.46	1.37097	1.47558	1.58063	1.69890	1.83786	1.99325	2.16052	2.33126	2.50300
3757849.46	1.48451	1.61425	1.74456	1.88775	2.05625	2.24560	2.44894	2.65479	2.86120
3757819.46	1.60885	1.76927	1.93293	2.10963	2.31770	2.55342	2.80589	3.06014	3.31332
3757789.46	1.74588	1.94306	2.15014	2.37211	2.63362	2.93429	3.25624	3.57908	3.89735
3757759.46	1.89968	2.13987	2.40207	2.68600	3.02026	3.41342	3.83748	4.26163	4.67325
3757729.46	2.07742	2.36735	2.69838	3.06712	3.50262	4.03017	4.60894	5.19037	5.74239
3757699.46	2.29271	2.63750	3.05498	3.54100	4.12211	4.85190	5.67469	6.51112	7.29352
3757669.46	2.57215	2.97699	3.49805	4.14826	4.95348	6.00804	7.24351	8.51936	9.72292
3757639.46	2.96306	3.44305	4.08930	4.96480	6.14153	7.78464	9.82056	11.96179	14.00837
3757609.46	3.51999	4.13266	4.97173	6.17401	8.02097	11.01651	15.11667	19.36246	22.97317
3757579.46	4.33336	5.19346	6.42628	8.32159	11.69067	21.20935	35.62398	44.18289	49.41724
3757549.46	5.49379	6.80555	8.86860	12.65773	23.12056	43.09332	169.96138	178.81791	184.30452

Site #14 - Localized PM_{2.5} Concentrations

Table with 11 columns of numerical data representing PM2.5 concentrations over time. Includes summary text: *** AERMOD - VERSION 09292 *** and *** Site 14 - PM2.5 ***

Table showing annual average concentration and source group information. Includes text: *** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALU... and *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Table with 11 columns of numerical data representing PM2.5 concentrations over time. Includes summary text: *** AERMOD - VERSION 09292 *** and *** Site 14 - PM2.5 ***

Table showing annual average concentration and source group information. Includes text: *** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALU... and *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Site #14 – Localized PM_{2.5} Concentrations

** CONC OF PM2.5 IN MICROGRAMS/M**3 **										
Y-COORD (METERS)	372502.63	372532.63	372562.63	X-COORD (METERS)		372652.63	372682.63	372712.63	372742.63	
3756919.46	0.93086	0.89098	0.85454	0.82817	0.81329	0.80264	0.78810	0.76802	0.74306	
3756889.46	0.84881	0.81432	0.78161	0.75668	0.74256	0.73437	0.72468	0.71064	0.69270	
3756859.46	0.77780	0.74784	0.71868	0.69522	0.68121	0.67405	0.66745	0.65789	0.64527	
3756829.46	0.71590	0.68966	0.66380	0.64198	0.62794	0.62088	0.61599	0.60955	0.60094	
3756799.46	0.66156	0.63839	0.61551	0.59548	0.58155	0.57412	0.56992	0.56548	0.55974	
3756769.46	0.61358	0.59293	0.57267	0.55448	0.54093	0.53299	0.52880	0.52545	0.52167	
3756739.46	0.57099	0.55240	0.53441	0.51804	0.50512	0.49679	0.49221	0.48926	0.48666	
3756709.46	0.53300	0.51611	0.50005	0.48539	0.47331	0.46481	0.45970	0.45666	0.45463	
3756679.46	0.49895	0.48347	0.46906	0.45596	0.44483	0.43640	0.43082	0.42739	0.42544	
3756649.46	0.46831	0.45401	0.44098	0.42928	0.41913	0.41101	0.40511	0.40118	0.39897	
*** AERMOD - VERSION 09292 ***										***
									*** Site 14 - PM2.5	
									***	10/26/10
									***	15:37:05
									***	PAGE 18

***MODELOPTs: NonDEFAULT CONC FLAT

NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **										
Y-COORD (METERS)	372772.63	372802.63	372832.63	X-COORD (METERS)		372892.63	372922.63	372952.63	372982.63	373012.63
3758119.46	1.33014	1.31427	1.29690	1.28141	1.26991	1.26269	1.25894	1.25794	1.25940	
3758089.46	1.43664	1.41871	1.40073	1.38623	1.37667	1.37165	1.37017	1.37164	1.37584	
3758059.46	1.55825	1.53869	1.52107	1.50854	1.50163	1.49934	1.50075	1.50531	1.51241	
3758029.46	1.69858	1.67838	1.66240	1.65284	1.64928	1.65044	1.65537	1.66314	1.67253	
3757999.46	1.86280	1.84344	1.83055	1.82500	1.82557	1.83083	1.83931	1.84937	1.85926	
3757969.46	2.05812	2.04148	2.03312	2.03258	2.03797	2.04716	2.05782	2.06771	2.07477	
3757939.46	2.29447	2.28260	2.28017	2.28531	2.29055	2.30610	2.31546	2.32059	2.31914	
3757909.46	2.58550	2.58032	2.58451	2.59453	2.60532	2.61323	2.61488	2.60752	2.58879	
3757879.46	2.94975	2.95194	2.96094	2.97079	2.97565	2.97129	2.95453	2.92288	2.87514	
3757849.46	3.41110	3.41756	3.42424	3.42319	3.40864	3.37693	3.32568	3.25421	3.16380	
3757819.46	3.99764	3.99727	3.98512	3.95335	3.89773	3.81647	3.71008	3.58135	3.43460	
3757789.46	4.73737	4.70464	4.64347	4.54918	4.42145	4.26316	4.07964	3.87760	3.66382	
3757759.46	5.64772	5.53545	5.37749	5.17678	4.94057	4.67814	4.39950	4.11391	3.82902	
3757729.46	6.71618	6.45091	6.13354	5.77880	5.40186	5.01676	4.63514	4.26567	3.91449	
3757699.46	7.87394	7.36550	6.82759	6.28298	5.74934	5.23928	4.76065	4.31791	3.91305	
3757669.46	8.98178	8.15524	7.36279	6.62120	5.93914	5.31972	4.76275	4.26603	3.82584	
3757639.46	9.85648	8.69456	7.66086	6.74842	5.94793	5.24938	4.64265	4.11755	3.66416	
3757609.46	10.34827	8.90290	7.68209	6.64965	5.77681	5.03965	4.41741	3.89198	3.44774	
3757579.46	10.38961	8.75535	7.42634	6.34033	5.45025	4.71864	4.11517	3.61521	3.19880	
3757549.46	9.97743	8.27105	6.92749	5.86176	5.01048	4.32538	3.76946	3.31426	2.93794	
3757519.46	9.13719	7.49452	6.23806	5.26500	4.50172	3.89493	3.40596	3.00665	2.67643	
3757489.46	7.98168	6.53052	5.44512	4.61625	3.97030	3.45730	3.04282	2.70283	2.42018	
3757459.46	6.69557	5.52206	4.64992	3.98245	3.45884	3.03941	2.69739	2.41421	2.17663	
3757429.46	5.46849	4.58550	3.92043	3.40365	2.99175	2.65664	2.37942	2.14689	1.94953	
3757399.46	4.41604	3.78049	3.28736	2.89499	2.57618	2.31237	2.09068	1.90200	1.73974	
3757369.46	3.56117	3.11453	2.75392	2.45841	2.21292	2.00638	1.83049	1.67896	1.54707	
3757339.46	2.88739	2.57580	2.31366	2.09143	1.90219	1.74000	1.60000	1.47821	1.37138	
3757309.46	2.38511	2.16065	1.96702	1.79762	1.64928	1.51960	1.40603	1.30621	1.21808	
3757279.46	2.01158	1.84215	1.69563	1.56513	1.44770	1.34236	1.24840	1.16477	1.09028	
3757249.46	1.72812	1.59371	1.47865	1.37650	1.28341	1.19787	1.11964	1.04871	0.98471	
3757219.46	1.50650	1.39609	1.30313	1.22121	1.14656	1.07715	1.01232	0.95217	0.89688	
3757189.46	1.33036	1.23471	1.15744	1.09102	1.03092	0.97463	0.92114	0.87041	0.82275	
3757159.46	1.19181	1.10233	1.03421	0.97878	0.93028	0.88531	0.84203	0.79992	0.75927	
3757129.46	1.08515	0.99631	0.93072	0.88117	0.84070	0.80475	0.77067	0.73702	0.70346	
3757099.46	1.00328	0.91441	0.84699	0.79792	0.76119	0.73124	0.70433	0.67828	0.65192	
3757069.46	0.93866	0.85204	0.78219	0.73020	0.69282	0.66515	0.64271	0.62241	0.60238	
3757039.46	0.88514	0.80360	0.73312	0.67771	0.63704	0.60810	0.58693	0.56994	0.55453	
3757009.46	0.83822	0.76433	0.69560	0.63807	0.59366	0.56143	0.53873	0.52232	0.50933	
3756979.46	0.79463	0.73042	0.66591	0.60816	0.56095	0.52500	0.49918	0.48114	0.46830	
3756949.46	0.75236	0.69892	0.64088	0.58506	0.53655	0.49753	0.46815	0.44724	0.43278	
*** AERMOD - VERSION 09292 ***										***
									*** Site 14 - PM2.5	
									***	10/26/10
									***	15:37:05
									***	PAGE 19

***MODELOPTs: NonDEFAULT CONC FLAT

NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **										
Y-COORD (METERS)	372772.63	372802.63	372832.63	X-COORD (METERS)		372892.63	372922.63	372952.63	372982.63	373012.63
3756919.46	0.71053	0.66797	0.61792	0.56611	0.51809	0.47721	0.44472	0.42050	0.40341	
3756889.46	0.66912	0.63664	0.59527	0.54911	0.50338	0.46214	0.42753	0.40027	0.38013	
3756859.46	0.62858	0.60474	0.57200	0.53244	0.49052	0.45044	0.41498	0.38551	0.36248	
3756829.46	0.58945	0.57258	0.54775	0.51520	0.47812	0.44049	0.40547	0.37489	0.34966	
3756799.46	0.55215	0.54068	0.52264	0.49693	0.46530	0.43112	0.39763	0.36703	0.34054	
3756769.46	0.51690	0.50954	0.49705	0.47758	0.45157	0.42151	0.39041	0.36071	0.33392	
3756739.46	0.48385	0.47953	0.47143	0.45737	0.43678	0.41117	0.38311	0.35507	0.32876	
3756709.46	0.45307	0.45091	0.44617	0.43663	0.42100	0.39989	0.37528	0.34946	0.32427	
3756679.46	0.42455	0.42384	0.42160	0.41570	0.40445	0.38766	0.36665	0.34345	0.31990	
3756649.46	0.39828	0.39843	0.39796	0.39490	0.38739	0.37460	0.35719	0.33682	0.31526	
*** AERMOD - VERSION 09292 ***										***
									*** Site 14 - PM2.5	
									***	10/26/10
									***	15:37:05
									***	PAGE 20

***MODELOPTs: NonDEFAULT CONC FLAT

NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Site #14 – Localized PM_{2.5} Concentrations

Y-COORD (METERS)	373042.63	373072.63	373102.63	X-COORD (METERS) 373132.63	373162.63
3758119.46	1.26329	1.26930	1.27677	1.28484	1.29260
3758089.46	1.38235	1.39043	1.39906	1.40720	1.41383
3758059.46	1.52112	1.53029	1.53866	1.54502	1.54832
3758029.46	1.68214	1.69052	1.69622	1.69794	1.69467
3757999.46	1.86728	1.87171	1.87097	1.86392	1.84996
3757969.46	2.07698	2.07249	2.06002	2.03902	2.00953
3757939.46	2.30897	2.28871	2.25795	2.21703	2.16671
3757909.46	2.55731	2.51294	2.45649	2.38925	2.31278
3757879.46	2.81169	2.73403	2.64425	2.54466	2.43769
3757849.46	3.05706	2.93721	2.80754	2.67136	2.53182
3757819.46	3.27455	3.10581	2.93269	2.75905	2.58817
3757789.46	3.44444	3.22479	3.00934	2.80152	2.60372
3757759.46	3.55098	3.28442	3.03247	2.79701	2.57882
3757729.46	3.58555	3.28103	3.00162	2.74703	2.51630
3757699.46	3.54614	3.21590	2.92021	2.65650	2.42195
3757669.46	3.43759	3.09631	2.79696	2.53469	2.30493
3757639.46	3.27317	2.93604	2.64510	2.39353	2.17540
3757609.46	3.07126	2.75115	2.47781	2.24323	2.04078
3757579.46	2.84983	2.55533	2.30496	2.09053	1.90556
3757549.46	2.62377	2.35897	2.13378	1.94066	1.77380
3757519.46	2.40021	2.16673	1.96753	1.79611	1.64746
3757489.46	2.18240	1.98025	1.80678	1.65665	1.52575
3757459.46	1.97500	1.80216	1.65268	1.52237	1.40798
3757429.46	1.78027	1.63380	1.50602	1.39375	1.29448
3757399.46	1.59897	1.47591	1.36761	1.27168	1.18625
3757369.46	1.43130	1.32897	1.23801	1.15673	1.08378
3757339.46	1.27686	1.19257	1.11694	1.04873	0.98697
3757309.46	1.13983	1.06985	1.00681	0.94965	0.89754
3757279.46	1.02377	0.96419	0.91055	0.86194	0.81759
3757249.46	0.92707	0.87513	0.82828	0.78589	0.74736
3757219.46	0.84641	0.80049	0.75877	0.72090	0.68650
3757189.46	0.77847	0.73768	0.70024	0.66597	0.63464
3757159.46	0.72059	0.68429	0.65057	0.61942	0.59072
3757129.46	0.67041	0.63846	0.60812	0.57972	0.55332
3757099.46	0.62501	0.59794	0.57129	0.54563	0.52135
3757069.46	0.58163	0.55998	0.53774	0.51542	0.49357
3757039.46	0.53904	0.52264	0.50519	0.48689	0.46819
3757009.46	0.49755	0.48552	0.47251	0.45840	0.44335
3756979.46	0.45829	0.44922	0.43981	0.42946	0.41802
3756949.46	0.42263	0.41487	0.40784	0.40045	0.39216

*** AERMOD - VERSION 09292 *** *** site 14 - PM2.5 *** 10/26/10
 *** *** *** 15:37:05
 *** *** *** PAGE 21

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	373042.63	373072.63	373102.63	X-COORD (METERS) 373132.63	373162.63
3756919.46	0.39171	0.38366	0.37761	0.37215	0.36631
3756889.46	0.36604	0.35653	0.35011	0.34539	0.34113
3756859.46	0.34561	0.33391	0.32613	0.32101	0.31732
3756829.46	0.33007	0.31582	0.30605	0.29967	0.29558
3756799.46	0.31881	0.30204	0.28993	0.28173	0.27648
3756769.46	0.31087	0.29206	0.27762	0.26728	0.26035
3756739.46	0.30522	0.28508	0.26871	0.25621	0.24732
3756709.46	0.30094	0.28019	0.26251	0.24819	0.23732
3756679.46	0.29733	0.27659	0.25823	0.24264	0.23006
3756649.46	0.29389	0.27365	0.25516	0.23885	0.22505

*** AERMOD - VERSION 09292 *** *** Site 14 - PM2.5 *** 10/26/10
 *** *** *** 15:37:05
 *** *** *** PAGE 22

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

*** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372149.67	3757202.57	8.38735	372200.97	3757196.42	8.66368
372734.43	3757083.57	1.09739	372746.74	3757147.17	1.24412
372767.26	3757192.31	1.36540	372894.46	3757118.45	0.80819
372371.27	3757725.77	3.90098			

*** AERMOD - VERSION 09292 *** *** Site 14 - PM2.5 *** 10/26/10
 *** *** *** 15:37:05
 *** *** *** PAGE 23

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES FOR SOURCE GROUP: ALL ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	371692.63	371722.63	X-COORD (METERS) 371752.63	371782.63	371812.63
3758119.5	4.21269 (07021124)	4.25099 (07021124)	4.34579 (06071424)	4.36483 (06071424)	4.69347m(05010924)
3758089.5	4.07748 (07021124)	4.38013 (07021124)	4.46838 (07021124)	4.58321 (06071424)	4.63209 (06071424)
3758059.5	4.30678 (05030524)	4.24376 (05030524)	4.55025 (07021124)	4.69541 (07021124)	4.83582 (06071424)
3758029.5	5.47342 (06110124)	4.86691 (06110124)	4.48528 (05030524)	4.72252 (07021124)	4.93243 (07021124)
3757999.5	6.38063 (06110124)	6.06004 (06110124)	5.51310 (06110124)	4.78550 (06110124)	4.89646 (07021124)
3757969.5	6.76890 (06110124)	6.83699 (06110124)	6.64503 (06110124)	6.19028 (06110124)	5.50433 (06110124)
3757939.5	6.56462 (06110124)	7.01699 (06110124)	7.24780 (06110124)	7.21182 (06110124)	6.88453 (06110124)

Site #14 – Localized PM_{2.5} Concentrations

3757909.5	5.83287 (06110124)	6.58621 (06110124)	7.19436 (06110124)	7.59859 (06110124)	7.74211 (06110124)
3757879.5	6.21685 (07091324)	6.18577 (07091324)	6.53197 (06110124)	7.29439 (06110124)	7.87777 (06110124)
3757849.5	6.48871 (07091324)	6.70482 (07091324)	6.80738 (07091324)	6.78062 (07091324)	7.31390 (06110124)
3757819.5	6.29287 (07091324)	6.73664 (07091324)	7.10214 (07091324)	7.36345 (07091324)	7.49637 (07091324)
3757789.5	6.57222 (07020624)	6.67905 (07020624)	6.86271 (07091324)	7.38131 (07091324)	7.81555 (07091324)
3757759.5	7.32701 (07020624)	7.57414 (07020624)	7.78528 (07020624)	7.93839 (07020624)	8.01486 (07020624)
3757729.5	7.69849 (07020624)	8.09136 (07020624)	8.49505 (07020624)	8.88340 (07020624)	9.22397 (07020624)
3757699.5	7.62610 (07020624)	8.09324 (07020624)	8.59390 (07020624)	9.15352 (07020624)	9.74413 (07020624)
3757669.5	7.22557 (07020624)	7.69883 (07020624)	8.22116 (07020624)	8.81037 (07020624)	9.47954 (07020624)
3757639.5	7.55333 (07030624)	7.83565 (07030624)	8.09665 (07030624)	8.33210 (07030624)	8.82047 (07020624)
3757609.5	7.49313 (07030624)	7.92612 (07030624)	8.36378 (07030624)	8.79944 (07030624)	9.22776 (07030624)
3757579.5	8.49201 (05122624)	8.82569 (05122624)	9.16934 (05122624)	9.52398 (05122624)	9.9069 (05122624)
3757549.5	9.55421 (05122624)	10.04431 (05122624)	10.56279 (05122624)	11.11146 (05122624)	11.69289 (05122624)
3757519.5	10.34986 (05122624)	10.96607 (05122624)	11.63084 (05122624)	12.34785 (05122624)	13.12167 (05122624)
3757489.5	10.68206 (05122624)	11.33674 (05122624)	12.04937 (05122624)	12.82600 (05122624)	13.67303 (05122624)
3757459.5	10.46087 (05122624)	11.05461 (05122624)	11.70077 (05122624)	12.40529 (05122624)	13.17546 (05122624)
3757429.5	10.18562 (05122624)	10.68046 (07112524)	11.26189m(05012424)	12.27779m(05012424)	13.42170m(05012424)
3757399.5	10.81551 (06110924)	11.60285m(05012424)	12.59881m(05012424)	13.70002m(05012424)	14.91388m(05012424)
3757369.5	11.91701m(05012424)	12.83715m(05012424)	13.82858m(05012424)	14.89177m(05012424)	16.02534m(05012424)
3757339.5	12.90802m(05012424)	13.75083m(05012424)	14.62784m(05012424)	15.53398m(05012424)	16.46445m(05012424)
3757309.5	13.32888m(05012424)	13.99657m(05012424)	14.62511m(05012424)	15.32202m(05012424)	15.97288m(05012424)
3757279.5	12.96290m(05012424)	13.47647 (06012524)	14.41771 (06012524)	15.37928 (06012524)	16.35190 (06012524)
3757249.5	13.17343 (06012524)	13.88430 (06012524)	14.57891 (06012524)	15.25179 (06012524)	15.90233 (06012524)
3757219.5	12.89317 (06012524)	13.33883 (06012524)	13.74841 (06012524)	14.12747 (06012524)	14.49202 (06012524)
3757189.5	11.89686 (06012524)	12.17357c(06118224)	12.65499c(06118224)	13.52311 (05120724)	14.54034 (06012524)
3757159.5	11.15334 (05120724)	11.96414 (05120724)	12.78670 (05120724)	13.61051 (05121124)	14.64759 (05121124)
3757129.5	11.33793 (05120724)	12.06895 (05121124)	12.85097 (05121124)	13.66804 (05121124)	14.51674 (05121124)
3757099.5	11.36653 (05121124)	11.97888 (05121124)	12.61594 (05121124)	13.27661 (05121124)	13.96240 (05120924)
3757069.5	11.34589 (06122024)	11.91265 (06122024)	12.35926 (05110424)	12.95265 (05110424)	14.01001 (07123024)
3757039.5	11.17758 (06122024)	11.57146 (05110424)	12.46202 (06111624)	13.29875 (07123024)	13.98870 (07123024)
3757009.5	11.27226 (06111624)	11.95943 (06111624)	12.56324 (07123024)	13.04227 (07123024)	13.26366 (07123024)
3756979.5	11.38466 (06111624)	11.82378 (07123024)	12.12723 (07123024)	12.19417 (05110524)	13.30823 (05111224)
3756949.5	11.09578 (07123024)	11.25305 (07123024)	11.50960 (05110524)	12.79475 (05111224)	13.87457 (05111224)

*** AERMOD - VERSION 09292 ***

*** Site 14 - PM2.5 ***

10/26/10
15:37:05
PAGE 24

***MODELOPTs: NonDEFAULT CONC

PLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	371692.63	371722.63	X-COORD (METERS) 371752.63	371782.63	371812.63
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3756919.5	10.42582 (07123024)	11.12907 (05111224)	12.27877 (05111224)	13.16406 (05111224)	13.68514 (05111224)
3756889.5	10.78695 (05111224)	11.76519 (05111224)	12.48252 (05111224)	12.85763 (05111224)	13.03769 (05120824)
3756859.5	11.25834 (05111224)	11.83166 (05111224)	12.08601 (05111224)	12.20246 (05120824)	12.36145 (05120824)
3756829.5	11.21228 (05111224)	11.36762 (05111224)	11.44212 (05120824)	11.54058 (05120824)	11.91464 (05100924)
3756799.5	10.69975 (05111224)	10.74899 (05120824)	10.80012 (05120824)	11.18876 (05100924)	11.61586 (05100924)
3756769.5	10.11649 (05120824)	10.13068 (05120824)	10.53376 (05100924)	10.93975 (05100924)	11.02885 (05100924)
3756739.5	9.52383 (05120824)	9.94079 (05100924)	10.32726 (05100924)	10.42566 (05100924)	10.18668 (05100924)
3756709.5	9.40178 (05100924)	9.77024 (05100924)	9.87637 (05100924)	9.67264 (05100924)	9.74821 (05122924)
3756679.5	9.26198 (05100924)	9.37412 (05100924)	9.20165 (05100924)	9.15546 (05122924)	9.45202 (05122924)
3756649.5	8.91333 (05100924)	8.76844 (05100924)	8.61444 (05122924)	8.90812 (05122924)	9.02883 (05122924)

*** AERMOD - VERSION 09292 ***

*** Site 14 - PM2.5 ***

10/26/10
15:37:05
PAGE 25

***MODELOPTs: NonDEFAULT CONC

PLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	371842.63	371872.63	X-COORD (METERS) 371902.63	371932.63	371962.63
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3758119.5	5.35297 (07071924)	6.44899 (06062824)	7.37675 (06062824)	7.90001 (06062824)	7.92914 (06062824)
3758089.5	5.01531m(05010924)	5.69699 (06062824)	6.92923 (06062824)	7.87428 (06062824)	8.36046 (06062824)
3758059.5	4.92043 (06071424)	5.37488m(05010924)	6.16972 (06062824)	7.45756 (06062824)	8.41531 (06062824)
3758029.5	5.10476 (06071424)	5.23205 (06071424)	5.77819m(05010924)	6.27710 (06062824)	8.04111 (06062824)
3757999.5	5.17956 (07021124)	5.39231 (06071424)	5.57080 (06071424)	6.23364m(05010924)	7.25404 (06062824)
3757969.5	5.07185 (07021124)	5.43735 (07021124)	5.69969 (06071424)	5.94059m(05010924)	6.75108m(05010924)
3757939.5	6.27660 (06110124)	5.44059 (06110124)	5.70560 (07021124)	6.02959 (06071424)	6.42375m(05010924)
3757909.5	7.57837 (06110124)	7.09077 (06110124)	6.31066 (06110124)	5.98526 (07021124)	6.38456 (06071424)
3757879.5	8.21805 (06110124)	8.25098 (06110124)	7.92994 (06110124)	7.25433 (06110124)	6.32250 (07100124)
3757849.5	8.07697 (06110124)	8.62364 (06110124)	8.88035 (06110124)	8.77323 (06110124)	8.25901 (06110124)
3757819.5	7.47916 (07091324)	8.19184 (06110124)	8.94797 (06110124)	9.44522 (06110124)	9.59358 (06110124)
3757789.5	8.13525 (07091324)	8.30962 (07091324)	8.31271 (07091324)	9.18604 (06110124)	9.93008 (06110124)
3757759.5	8.13953 (07091324)	8.65806 (07091324)	9.05252 (07091324)	9.28844 (07091324)	9.33744 (06110124)
3757729.5	9.48140 (07020624)	9.62621 (07020624)	9.64110 (07020624)	9.67448 (07091324)	10.16916 (07091324)
3757699.5	10.33284 (07020624)	10.87506 (07020624)	11.32021 (07020624)	11.62194 (07020624)	11.74536 (07020624)
3757669.5	10.22922 (07020624)	11.04336 (07020624)	11.88607 (07020624)	12.70460 (07020624)	13.43602 (07020624)
3757639.5	9.55128 (07020624)	10.39071 (07020624)	11.34709 (07020624)	12.40940 (07020624)	13.54262 (07020624)
3757609.5	9.64361 (07030624)	10.04336 (07030624)	10.43487 (07020624)	11.47250 (07020624)	12.66609 (07020624)
3757579.5	10.27144 (05122624)	10.86004 (06041124)	11.52004 (06041124)	12.21676 (06041124)	12.94806 (06041124)
3757549.5	12.31061 (05122624)	12.96932 (05122624)	13.67578 (05122624)	14.43855 (05122624)	15.26975 (05122624)
3757519.5	13.95748 (05122624)	14.86135 (05122624)	15.84047 (05122624)	16.90403 (05122624)	18.06460 (05122624)
3757489.5	14.59719 (05122624)	15.06610 (05122624)	16.70762 (05122624)	17.91016 (05122624)	19.22454 (05122624)
3757459.5	14.01978 (05122624)	14.94793 (05122624)	15.97118 (05122624)	17.10281 (05122624)	18.79103m(05012424)
3757429.5	14.70948m(05012424)	16.15981m(05012424)	17.79131m(05012424)	19.62187m(05012424)	21.66781m(05012424)
3757399.5	16.24757m(05012424)	17.70763m(05012424)	19.29896m(05012424)	21.02511m(05012424)	22.88977m(05012424)
3757369.5	17.22732m(05012424)	18.49458m(05012424)	19.82567m(05012424)	21.22303m(05012424)	22.69461m(05012424)
3757339.5	17.41524m(05012424)	18.38577m(05012424)	19.38067m(05012424)	20.41179m(05012424)	21.56678 (06012524)
3757309.5	17.79603 (06012524)	18.10653 (06012524)	19.47236 (06012524)	20.90910 (06012524)	22.45212 (06012524)
3757279.5	17.33157 (06012524)	18.31269 (06012524)	19.34149 (06012524)	20.42178 (06012524)	21.60139 (06012524)
3757249.5	16.54083 (06012524)	17.18798 (06012524)	17.87197 (06012524)	19.33781 (05120724)	20.99140 (05120724)
3757219.5	15.40511 (05120724)	16.68675 (05120724)	17.96482 (05120724)	19.58190 (05121124)	21.57806 (05121124)
3757189.5	15.54973 (05120724)	16.84884 (05121124)	18.32105 (05121124)	19.85192 (05121124)	21.38371 (05121124)
3757159.5	15.74104 (05121124)	16.87854 (05121124)	18.03118 (05121124)	19.15210 (05121124)	20.17475 (05121124)
3757129.5	15.38861 (05121124)	16.26053 (05121124)	17.09863 (05121124)	18.15418 (07123024)	19.18330 (07123024)
3757099.5	14.67150 (07123024)	15.89846 (07123024)	16.88048 (07123024)	17.53308 (07123024)	19.01643 (05120824)
3757069.5	14.94834 (07123024)	15.62527 (07123024)	16.01123 (05110524)	17.62981 (05110524)	19.03512 (05110524)
3757039.5	14.41382 (07123024)	15.01968 (05110524)	16.34195 (05110524)	17.60191 (05111224)	18.67102 (05120824)

Site #14 – Localized PM_{2.5} Concentrations

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3757009.5 | 14.07099 (05110524) 15.37125 (05111224) 16.52811 (05111224) 17.31170 (05120824) 18.14738 (05120824)
3756979.5 | 14.61144 (05111224) 15.51832 (05111224) 16.08181 (05120824) 16.70937 (05120824) 17.09484 (05120824)
3756949.5 | 14.57120 (05111224) 14.96739 (05120824) 15.43175 (05120824) 15.79117 (05100924) 16.38417 (05100924)
*** AERMOD - VERSION 09292 *** *** Site 14 - PM2.5 ***
10/26/10
15:37:05
PAGE 26

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**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 371842.63 371872.63 371902.63 371932.63 371962.63
-----|-----
3756919.5 | 13.95603 (05120824) 14.29284 (05120824) 14.64336 (05100924) 15.19070 (05100924) 15.19714 (05100924)
3756889.5 | 13.27469 (05120824) 13.62721 (05100924) 14.13736 (05100924) 14.16664 (05100924) 14.20293 (05122924)
3756859.5 | 12.72300 (05100924) 13.20163 (05100924) 13.24989 (05100924) 13.14011 (05122924) 13.72701 (05122924)
3756829.5 | 12.36598 (05100924) 12.43046 (05100924) 12.18979 (05122924) 12.77028 (05122924) 12.95692 (05122924)
3756799.5 | 11.69398 (05100924) 11.36711 (05100924) 11.90228 (05122924) 12.13866 (05122924) 11.97633 (05122924)
3756769.5 | 10.74902 (05100924) 11.11467 (05122924) 11.38264 (05122924) 11.31448 (05122924) 10.86346 (05122924)
3756739.5 | 10.39894 (05122924) 10.68573 (05122924) 10.68860 (05122924) 10.36360 (05122924) 9.68806 (05122924)
3756709.5 | 10.04345 (05122924) 10.09892 (05122924) 9.87450 (05122924) 9.34258 (05122924) 8.50421 (05122924)
3756679.5 | 9.54630 (05122924) 9.40112 (05122924) 8.98865 (05122924) 8.29886 (05122924) 7.43917 (06030424)
3756649.5 | 8.94567 (05122924) 8.63180 (05122924) 8.07063 (05122924) 7.27014 (05122924) 7.13223 (05112824)
*** AERMOD - VERSION 09292 *** *** Site 14 - PM2.5 ***
10/26/10
15:37:05
PAGE 27

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**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 371992.63 372022.63 372052.63 372082.63 372112.63
-----|-----
3758119.5 | 7.47529 (06062824) 6.91018 (05082524) 6.29937 (05082524) 5.83259 (05101024) 5.84620 (07030924)
3758089.5 | 8.30545 (06062824) 7.74223 (06062824) 7.19446 (05082524) 6.39669 (05082524) 6.02920 (05101024)
3758059.5 | 8.85277 (06062824) 8.70040 (06062824) 8.03554 (05082524) 7.44408 (05082524) 6.45682 (05082524)
3758029.5 | 9.00449 (06062824) 9.37995 (06062824) 9.11640 (06062824) 8.47197 (05082524) 7.65849 (05082524)
3757999.5 | 8.68702 (06062824) 9.64825 (06062824) 9.94629 (06062824) 9.55592 (06062824) 8.88431 (05082524)
3757969.5 | 7.90165 (06062824) 9.40494 (06062824) 10.35324 (06062824) 10.55658 (06062824) 10.02461 (06062824)
3757939.5 | 7.34216m(05010924) 8.63150 (06062824) 10.20688 (06062824) 11.12939 (06062824) 11.21803 (06062824)
3757909.5 | 6.97584m(05010924) 8.02298m(05010924) 9.45590 (06062824) 11.10773 (06062824) 11.98812 (06062824)
3757879.5 | 6.81004 (07100124) 7.61197m(05010924) 8.81436m(05010924) 10.40518 (06062824) 12.12696 (06062824)
3757849.5 | 7.36559 (06110124) 7.42991 (06092024) 8.35078m(05010924) 9.74331m(05010924) 11.49509 (06062824)
3757819.5 | 9.30637 (06110124) 8.55598 (06110124) 8.27888 (07080524) 9.21875m(05010924) 10.84712m(05010924)
3757789.5 | 10.36355 (06110124) 10.36903 (06110124) 9.84754 (06110124) 9.40079 (07080524) 10.25096m(05010924)
3757759.5 | 10.32878 (06110124) 11.06002 (06110124) 11.41217 (06110124) 11.22102 (06110124) 10.78751 (05021824)
3757729.5 | 10.49976 (07091324) 10.64425 (06110124) 11.67362 (06110124) 12.40029 (06110124) 12.64193 (06110124)
3757699.5 | 11.67701 (07020624) 11.57925 (07091324) 12.08541 (06090824) 12.96855 (06090824) 13.74232 (06090824)
3757669.5 | 14.01810 (07020624) 14.39578 (07020624) 14.52692 (07020624) 14.39279 (07020624) 15.25813 (06090824)
3757639.5 | 14.69437 (07020624) 15.80310 (07020624) 16.80477 (07020624) 17.63453 (07020624) 18.22810 (07020624)
3757609.5 | 14.00791 (07020624) 15.46616 (07020624) 16.99320 (07020624) 18.54376 (07020624) 20.07962 (07020624)
3757579.5 | 13.71345 (06041124) 14.60761 (07020624) 16.33977 (07020624) 18.24093 (07020624) 20.27325 (07020624)
3757549.5 | 16.18521 (05122624) 17.20546 (05122624) 18.35871 (05122624) 19.68300 (05122624) 21.23125 (05122624)
3757519.5 | 19.33794 (05122624) 20.74679 (05122624) 22.32043 (05122624) 24.09926 (05122624) 26.13866 (05122624)
3757489.5 | 20.66248 (05122624) 22.23846 (05122624) 23.97345 (05122624) 25.89619 (05122624) 28.05223 (05122624)
3757459.5 | 20.86999m(05012424) 23.25316m(05012424) 25.97932m(05012424) 29.08802m(05012424) 32.62276m(05012424)
3757429.5 | 23.94522m(05012424) 26.46993m(05012424) 29.25649m(05012424) 32.33837m(05012424) 35.77577m(05012424)
3757399.5 | 24.90347m(05012424) 27.08556m(05012424) 29.48019m(05012424) 32.16969m(05012424) 35.29633m(05012424)
3757369.5 | 24.26682m(05012424) 25.98374m(05012424) 27.92127m(05012424) 30.19434m(05012424) 32.94820m(05012424)
3757339.5 | 23.54748 (06012524) 25.75742 (06012524) 28.29150 (06012524) 31.24435 (06012524) 34.65861 (06012524)
3757309.5 | 24.15735 (06012524) 26.08294 (06012524) 28.25773 (06012524) 30.64718 (06012524) 33.29124 (05121124)
3757279.5 | 22.90657 (06012524) 24.83619 (05120724) 27.46654 (05121124) 31.20896 (05121124) 35.11408 (05121124)
3757249.5 | 23.03171 (05121124) 25.75807 (05121124) 28.59385 (05121124) 31.35634 (05121124) 33.79787 (05121124)
3757219.5 | 23.65478 (05121124) 25.70288 (05121124) 27.56584 (05121124) 29.05939 (05121124) 30.51397 (06123024)
3757189.5 | 22.82645 (05121124) 24.06461 (05121124) 24.96553 (05121124) 27.32339 (05110524) 30.24343 (05110524)
3757159.5 | 21.01435 (05121124) 22.21308 (05123024) 24.87241 (05110524) 27.13489 (05110524) 28.95542 (05120824)
3757129.5 | 20.51452 (05110524) 22.71160 (05110524) 24.45399 (05110524) 26.14112 (05120824) 27.81959 (05120824)
3757099.5 | 20.77775 (05110524) 22.11458 (05110524) 23.72044 (05120824) 24.90251 (05120824) 25.68376 (05100924)
3757069.5 | 20.17635 (05120824) 21.61587 (05120824) 22.42973 (05120824) 23.21220 (05100924) 23.02810 (05100924)
3757039.5 | 19.77203 (05120824) 20.31007 (05120824) 21.10941 (05100924) 20.97606 (05100924) 21.88723 (05122924)
3757009.5 | 18.58389 (05100924) 19.30491 (05100924) 19.21521 (05100924) 19.95101 (05122924) 20.20384 (05122924)
3756979.5 | 17.74404 (05100924) 17.69150 (05100924) 18.24407 (05122924) 18.64417 (05122924) 18.06649 (05122924)
3756949.5 | 16.36338 (05100924) 16.73425 (05122924) 17.22952 (05122924) 16.90507 (05122924) 15.69854 (05122924)
*** AERMOD - VERSION 09292 *** *** Site 14 - PM2.5 ***
10/26/10
15:37:05
PAGE 28

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**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 371992.63 372022.63 372052.63 372082.63 372112.63
-----|-----
3756919.5 | 15.39482 (05122924) 15.94594 (05122924) 15.81367 (05122924) 14.91717 (05122924) 13.29680 (05122924)
3756889.5 | 14.78206 (05122924) 14.79238 (05122924) 14.14733 (05122924) 12.84739 (05122924) 11.36769 (05011824)
3756859.5 | 13.84074 (05122924) 13.39662 (05122924) 12.37008 (05122924) 10.82792 (05122924) 10.90511 (06120424)
3756829.5 | 12.67119 (05122924) 11.87430 (05122924) 10.59629 (05122924) 9.91919 (05112824) 10.80544 (06120424)
3756799.5 | 11.36950 (05122924) 10.32316 (05122924) 9.25773 (05112824) 9.66129 (06120424) 10.58064 (06120424)
3756769.5 | 10.01753 (05122924) 8.81696 (05122924) 8.86225 (05112824) 9.56860 (06120424) 10.25699 (06120424)
3756739.5 | 8.67939 (05122924) 8.34531 (05112824) 8.62432 (06120424) 9.38249 (06120424) 9.85812 (06120424)
3756709.5 | 7.82223 (05112824) 7.95553 (05112824) 8.54046 (06120424) 9.12064 (06120424) 9.40364 (06120424)
3756679.5 | 7.54980 (05112824) 7.75033 (06120424) 8.38571 (06120424) 8.79860 (06120424) 8.91199 (06120424)
3756649.5 | 7.17083 (05112824) 7.76300 (06120424) 8.17180 (06120424) 8.43097 (06120424) 8.39699 (06120424)

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Site #14 - Localized PM2.5 Concentrations

*** AERMOD - VERSION 09292 *** Site 14 - PM2.5 10/26/10 15:37:05 PAGE 29

MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT * THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): VOL1 , AREAL , *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART *** ** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Table with 6 columns: Y-COORD (METERS), X-COORD (METERS), and 4 columns of concentration values. Rows range from 3758119.5 to 3756949.5.

*** AERMOD - VERSION 09292 *** Site 14 - PM2.5 10/26/10 15:37:05 PAGE 30

MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT * THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): VOL1 , AREAL , *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART *** ** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Table with 6 columns: Y-COORD (METERS), X-COORD (METERS), and 4 columns of concentration values. Rows range from 3756919.5 to 3756649.5.

*** AERMOD - VERSION 09292 *** Site 14 - PM2.5 10/26/10 15:37:05 PAGE 31

MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT * THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): VOL1 , AREAL , *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART *** ** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Table with 6 columns: Y-COORD (METERS), X-COORD (METERS), and 4 columns of concentration values. Rows range from 3758119.5 to 3757759.5.

Site #14 – Localized PM_{2.5} Concentrations

**MODELOPTs: NonDEFAULT CONC

FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372442.63	372472.63	X-COORD (METERS) 372502.63	372532.63	372562.63
3756919.5	28.55471 (07081524)	28.54846 (07081524)	26.74887 (07081524)	23.38065 (07081524)	17.61442 (07081524)
3756889.5	26.97534 (07081524)	26.94317 (07081524)	25.31126 (07081524)	22.16503 (07081524)	16.78873 (07081524)
3756859.5	25.52267 (07081524)	25.48651 (07081524)	24.01319 (07081524)	21.06753 (07081524)	16.04332 (07081524)
3756829.5	24.18554 (07081524)	24.16201 (07081524)	22.83424 (07081524)	20.07007 (07081524)	15.36627 (07081524)
3756799.5	22.95437 (07081524)	22.95477 (07081524)	21.75799 (07081524)	19.15883 (07081524)	14.74773 (07081524)
3756769.5	21.82056 (07081524)	21.85215 (07081524)	20.77083 (07081524)	18.32234 (07081524)	14.17968 (07081524)
3756739.5	20.77612 (07081524)	20.84197 (07081524)	19.86128 (07081524)	17.55096 (07081524)	13.65525 (07081524)
3756709.5	19.81311 (07081524)	19.91358 (07081524)	19.02025 (07081524)	16.83644 (07081524)	13.16880 (07081524)
3756679.5	18.92462 (07081524)	19.05793 (07081524)	18.23979 (07081524)	16.17206 (07081524)	12.71551 (07081524)
3756649.5	18.10405 (07081524)	18.26698 (07081524)	17.51350 (07081524)	15.55289 (07081524)	12.29158 (07081524)

*** AERMOD - VERSION 09292 *** ** Site 14 - PM2.5 ***

10/26/10
15:37:05
PAGE 35

**MODELOPTs: NonDEFAULT CONC

FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372592.63	372622.63	X-COORD (METERS) 372652.63	372682.63	372712.63
3758119.5	13.65049 (07083124)	13.24387 (07083124)	12.28329 (07083124)	10.88541 (07083124)	10.00428 (05052624)
3758089.5	14.55530 (07083124)	13.96365 (07083124)	12.77273 (07083124)	11.12216 (07083124)	10.70693 (05052624)
3758059.5	15.52644 (07083124)	14.71195 (07083124)	13.24961 (07083124)	11.31192 (07083124)	11.40149 (05052624)
3758029.5	16.56802 (07083124)	15.48436 (07083124)	13.70411 (07083124)	12.01259 (05052624)	12.07388 (05052624)
3757999.5	17.68322 (07083124)	16.27517 (07083124)	14.12402 (07083124)	12.97812 (05052624)	12.70358 (05052624)
3757969.5	18.87402 (07083124)	17.07697 (07083124)	14.49812 (07083124)	13.95362 (05052624)	13.46758 (07071524)
3757939.5	20.14339 (07083124)	17.88282 (07083124)	14.81756 (07083124)	14.91550 (05052624)	15.27517 (07071524)
3757909.5	21.49673 (07083124)	18.68883 (07083124)	16.20071 (05052624)	15.83108 (05052624)	16.97794 (07071524)
3757879.5	22.94499 (07083124)	19.49761 (07083124)	17.64300 (05052624)	17.75133 (07071524)	18.52013 (07071524)
3757849.5	24.51444 (07083124)	20.31999 (07083124)	19.10696 (05052624)	19.86461 (07071524)	19.84381 (07071524)
3757819.5	26.25372 (07083124)	21.17545 (07083124)	21.15496 (07071524)	21.92788 (07071524)	20.87618 (07071524)
3757789.5	28.24381 (07083124)	23.38994 (05052624)	23.99645 (07071524)	23.91695 (07071524)	21.53128 (07071524)
3757759.5	30.59261 (07083124)	26.39927 (07071524)	27.09622 (07071524)	25.71458 (07071524)	24.42768 (07092824)
3757729.5	33.41572 (07083124)	30.71569 (07071524)	30.46186 (07071524)	28.50410 (07031824)	28.72548 (07092824)
3757699.5	36.82009 (07083124)	35.99410 (07071524)	34.04397 (07031824)	34.19876 (07092824)	37.51262 (06101024)
3757669.5	43.63227 (07071524)	42.29717 (07071524)	41.86440 (07092824)	46.88823 (06101024)	49.98531 (06101024)
3757639.5	54.28836 (07071524)	53.53240 (06101024)	60.12035 (06101024)	61.53816 (06101024)	58.28257 (06101024)
3757609.5	74.56467 (06101024)	81.12006 (06101024)	77.41144 (06101024)	68.62814 (06101024)	59.49622 (06101024)
3757579.5	127.96093 (06101024)	100.89415 (06101024)	82.25638 (06101024)	68.33646 (06101024)	56.65497 (06101024)
3757549.5	149.27748 (06101024)	104.80118 (06101024)	81.73653 (06101024)	64.94619 (06101024)	51.15882 (06101024)
3757519.5	150.82107 (06101024)	101.14842 (06101024)	75.62615 (06101024)	59.77607 (05102324)	50.17696 (05081824)
3757489.5	145.76258 (05102324)	95.70907 (05102324)	72.95736 (05102324)	58.95525 (05102324)	49.30282 (05102324)
3757459.5	142.96278 (05102324)	92.62402 (05102324)	69.50028 (05102324)	55.44675 (06060724)	46.83186 (06060724)
3757429.5	137.12819 (06051424)	90.77497 (06051424)	68.03837 (06051424)	53.69674 (06060724)	46.09614 (06060724)
3757399.5	130.79800 (06051424)	86.76351 (06051424)	66.57031 (06051424)	53.23078 (06051424)	43.26555 (06051424)
3757369.5	100.88130 (06051424)	70.92689 (06051424)	56.69375 (06051424)	46.91878 (06051424)	39.25953 (06051424)
3757339.5	58.68292 (05040924)	46.28468 (05040924)	40.96257 (06051424)	36.76256 (06051424)	32.70681 (06051424)
3757309.5	42.16401 (05040924)	38.19196 (05040924)	32.23588 (05040924)	28.17458 (06051424)	25.98530 (06051424)
3757279.5	34.71233 (05120324)	30.89009 (05040924)	28.02201 (05040924)	24.87697 (05012924)	21.86718 (06051424)
3757249.5	31.04523 (05120324)	24.93876 (05040924)	23.86062 (05040924)	21.81895 (05040924)	20.22303 (05012924)
3757219.5	27.91721 (05120324)	22.74397 (05120324)	20.03766 (05040924)	19.09393 (05040924)	18.08083 (05012924)
3757189.5	25.16108 (05120324)	21.45496 (05120324)	17.86353 (05061324)	16.48287 (05040924)	15.69370 (05040924)
3757159.5	22.67028 (05120324)	20.06002 (05120324)	16.69369 (05120324)	14.64599 (05061324)	13.84115 (05040924)
3757129.5	20.38369 (05120324)	18.62557 (05120324)	16.12591 (05120324)	13.97554 (05061324)	12.14664 (05040924)
3757099.5	18.27612 (05120324)	17.18574 (05120324)	15.38209 (05120324)	13.12220 (05061324)	11.77276 (05061324)
3757069.5	16.34296 (05120324)	15.76521 (05120324)	14.52598 (05120324)	12.74148 (05120324)	11.30142 (05061324)
3757039.5	14.59027 (05120324)	14.38784 (05120324)	13.60264 (05120324)	12.29785 (05120324)	10.70602 (05061324)
3757009.5	13.02361 (05120324)	13.07760 (05120324)	12.64592 (05120324)	11.73878 (05120324)	10.41265 (05120324)
3756979.5	11.64234 (05120324)	11.85583 (05120324)	11.68711 (05120324)	11.10264 (05120324)	10.12612 (05120324)
3756949.5	10.98048 (07081524)	10.73722 (05120324)	10.75203 (05120324)	10.42057 (05120324)	9.73713 (05120324)

*** AERMOD - VERSION 09292 *** ** Site 14 - PM2.5 ***

10/26/10
15:37:05
PAGE 36

**MODELOPTs: NonDEFAULT CONC

FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372592.63	372622.63	X-COORD (METERS) 372652.63	372682.63	372712.63
3756919.5	10.67371 (07081524)	9.72855 (05120324)	9.86223 (05120324)	9.72043 (05120324)	9.27578 (05120324)
3756889.5	10.38418 (07120824)	8.95017 (07120824)	9.03350 (05120324)	9.02587 (05120324)	8.76847 (05120324)
3756859.5	10.11116 (07081524)	8.54758 (07120824)	8.27306 (05120324)	8.35488 (05120324)	8.23865 (05120324)
3756829.5	9.85239 (07081524)	8.14564 (07120824)	7.58498 (05120324)	7.72119 (05120324)	7.70569 (05120324)
3756799.5	9.60835 (07081524)	7.75120 (07120824)	7.32327 (07120824)	7.13233 (05120324)	7.18507 (05120324)
3756769.5	9.37684 (07081524)	7.37054 (07120824)	7.08408 (07120824)	6.59275 (05120324)	6.68779 (05120324)
3756739.5	9.15664 (07081524)	7.00723 (07120824)	6.83401 (07120824)	6.10221 (05120324)	6.22100 (05120324)
3756709.5	8.94553 (07081524)	6.66331 (07120824)	6.58040 (07120824)	5.97168 (07120824)	5.78848 (05120324)
3756679.5	8.74430 (07081524)	6.33905 (07120824)	6.32887 (07120824)	5.84031 (07120824)	5.39149 (05120324)
3756649.5	8.55221 (07081524)	6.03351 (07120824)	6.08317 (07120824)	5.69566 (07120824)	5.02958 (05120324)

*** AERMOD - VERSION 09292 *** ** Site 14 - PM2.5 ***

10/26/10
15:37:05
PAGE 37

**MODELOPTs: NonDEFAULT CONC

FLAT
NODRYDPLT NOWETDPLT

Site #14 – Localized PM_{2.5} Concentrations

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOLL , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 372742.63 372772.63 372802.63 372832.63 372862.63
-----|-----
3758119.5 | 10.03801 (05052624) 9.40855 (05052624) 10.50977 (07071524) 11.26587 (07071524) 11.17105 (07071524)
3758089.5 | 10.49247 (05052624) 10.43871 (07071524) 11.61406 (07071524) 11.92390 (07071524) 11.30688 (07071524)
3758059.5 | 10.89553 (05052624) 11.79571 (07071524) 12.56120 (07071524) 12.33167 (07071524) 11.15772 (07071524)
3758029.5 | 11.79582 (07071524) 13.04600 (07071524) 13.28480 (07071524) 12.44443 (07071524) 10.72128 (07071524)
3757999.5 | 13.35075 (07071524) 14.11781 (07071524) 13.72419 (07071524) 12.23592 (07071524) 10.03147 (07071524)
3757969.5 | 14.78908 (07071524) 14.94234 (07071524) 13.83013 (07071524) 11.71404 (07071524) 10.58752 (07092824)
3757939.5 | 16.04135 (07071524) 15.45267 (07071524) 13.57977 (07071524) 11.45280 (07031824) 12.27120 (07092824)
3757909.5 | 17.03853 (07071524) 15.59717 (07071524) 13.00304 (07071524) 13.36493 (07092824) 13.86099 (07092824)
3757879.5 | 17.71039 (07071524) 15.36103 (07071524) 14.64497 (07092824) 15.25663 (07092824) 15.15116 (07092824)
3757849.5 | 18.00077 (07071524) 16.15885 (07092824) 16.15400 (07092824) 16.85312 (07092824) 15.99246 (07092824)
3757819.5 | 18.18306 (07031824) 18.91562 (07092824) 18.91115 (07092824) 17.94578 (07092824) 20.74927 (06101024)
3757789.5 | 21.36538 (07092824) 21.44394 (07092824) 20.96175 (06101024) 24.33289 (06101024) 26.71637 (06101024)
3757759.5 | 24.62455 (07092824) 25.13374 (06101024) 28.76825 (06101024) 31.04437 (06101024) 31.86580 (06101024)
3757729.5 | 30.50545 (06101024) 34.28044 (06101024) 36.20016 (06101024) 36.30489 (06101024) 34.91484 (06101024)
3757699.5 | 41.18704 (06101024) 42.33228 (06101024) 41.27586 (06101024) 38.62434 (06101024) 34.97534 (06101024)
3757669.5 | 49.62427 (06101024) 46.75607 (06101024) 42.44340 (06101024) 37.44685 (06101024) 32.23967 (06101024)
3757639.5 | 52.73650 (06101024) 46.40758 (06101024) 39.93283 (06101024) 33.59342 (06101024) 29.01759 (06052024)
3757609.5 | 50.85599 (06101024) 42.70585 (06101024) 35.77450 (06052024) 31.33859 (06052024) 27.99353 (05081824)
3757579.5 | 46.27184 (06101024) 39.00525 (06052024) 34.40213 (05081824) 31.72516 (05081824) 29.23163 (05081824)
3757549.5 | 43.74619 (05081824) 39.28595 (05081824) 35.39970 (05081824) 31.90864 (05081824) 28.71493 (05081824)
3757519.5 | 43.86791 (05081824) 38.55826 (05081824) 33.90656 (05081824) 29.76029 (05081824) 26.05253 (05081824)
3757489.5 | 42.09075 (05102324) 36.54134 (05102324) 32.13062 (05102324) 28.46127 (05102324) 25.29501 (05102324)
3757459.5 | 40.13357 (06060724) 34.71058 (06060724) 30.24456 (06060724) 26.54988 (06060724) 23.48895 (06060724)
3757429.5 | 40.24408 (06060724) 35.46481 (06060724) 31.41610 (06060724) 27.92634 (06060724) 24.90804 (06060724)
3757399.5 | 37.33015 (06060724) 33.40064 (06060724) 30.08596 (06060724) 27.19624 (06060724) 24.62604 (06060724)
3757369.5 | 32.93196 (06051424) 28.53306 (06060724) 26.29513 (06060724) 24.31402 (06060724) 22.50723 (06060724)
3757339.5 | 28.75587 (06051424) 24.99487 (06051424) 21.55631 (06051424) 20.09411 (06060724) 19.13309 (06060724)
3757309.5 | 23.67613 (06051424) 21.32066 (06051424) 18.95022 (06051424) 16.65953 (06051424) 15.48668 (07110724)
3757279.5 | 20.47888 (06051424) 18.79554 (05070424) 17.03640 (05070424) 15.16946 (06030824) 14.16598 (06030824)
3757249.5 | 18.11985 (06051424) 17.33100 (06051424) 16.06971 (05070424) 14.92234 (05070424) 13.53178 (05070424)
3757219.5 | 16.94791 (05012924) 15.48995 (06051424) 15.18001 (06051424) 14.21500 (06051424) 13.09208 (05070424)
3757189.5 | 15.38829 (05012924) 14.52027 (05012924) 13.43208 (06051424) 13.48061 (06051424) 12.89678 (06051424)
3757159.5 | 13.41738 (05012924) 13.33234 (05012924) 12.65021 (05012924) 11.73048 (06051424) 12.03089 (06051424)
3757129.5 | 11.82802 (05040924) 11.77215 (05012924) 11.70972 (05012924) 11.16693 (05012924) 10.62314 (05082324)
3757099.5 | 10.54737 (05040924) 10.25676 (05040924) 10.43887 (05012924) 10.39771 (05012924) 9.96282 (05012924)
3757069.5 | 9.94617 (05061324) 9.26596 (05040924) 9.00805 (05012924) 9.33750 (05012924) 9.31577 (05012924)
3757039.5 | 9.71838 (05061324) 8.45188 (05061324) 8.22201 (05040924) 8.12883 (05012924) 8.41415 (05012924)
3757009.5 | 9.36564 (05061324) 8.38001 (05061324) 7.44527 (05040924) 7.35806 (05040924) 7.37936 (05012924)
3756979.5 | 8.92693 (05061324) 8.19163 (05061324) 7.25694 (05061324) 6.72137 (05040924) 6.63295 (05040924)
3756949.5 | 8.72125 (05120324) 7.91743 (05061324) 7.26894 (07021324) 6.31925 (07021324) 6.33513 (06071724)
*** AERMOD - VERSION 09292 *** *** Site 14 - PM2.5 *** 10/26/10
*** 15:37:05 ***
**MODELOPTs: NonDEFAULT CONC FLAT 10/26/10
NODRYDPLT NOWETDPLT 15:37:05
PAGE 38
    
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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOLL , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 372742.63 372772.63 372802.63 372832.63 372862.63
-----|-----
3756919.5 | 8.52426 (05120324) 7.57642 (05061324) 7.14640 (07021324) 6.45502 (07021324) 5.92346 (06071724)
3756889.5 | 8.24061 (05120324) 7.44269 (05120324) 6.89217 (07021324) 6.45061 (07021324) 5.71885 (07021324)
3756859.5 | 7.89283 (05120324) 7.30074 (05120324) 6.53282 (07021324) 6.32118 (07021324) 5.79885 (07021324)
3756829.5 | 7.50329 (05120324) 7.05877 (05120324) 6.44651 (05120324) 6.08714 (07021324) 5.76441 (07021324)
3756799.5 | 7.09088 (05120324) 6.81629 (05120324) 6.33987 (05120324) 5.77147 (07021324) 5.62950 (07021324)
3756769.5 | 6.67142 (05120324) 6.50964 (05120324) 6.17238 (05120324) 5.65156 (05120324) 5.41272 (07021324)
3756739.5 | 6.25770 (05120324) 6.18146 (05120324) 5.95855 (05120324) 5.56860 (05120324) 5.13369 (07021324)
3756709.5 | 5.85909 (05120324) 5.84481 (05120324) 5.71248 (05120324) 5.43494 (05120324) 5.00942 (05081824)
3756679.5 | 5.48138 (05120324) 5.50980 (05120324) 5.44674 (05120324) 5.26216 (05120324) 5.02203 (05081524)
3756649.5 | 5.12822 (05120324) 5.18413 (05120324) 5.17198 (05120324) 5.06148 (05120324) 4.94865 (05081524)
*** AERMOD - VERSION 09292 *** *** Site 14 - PM2.5 *** 10/26/10
*** 15:37:05 ***
**MODELOPTs: NonDEFAULT CONC FLAT 10/26/10
NODRYDPLT NOWETDPLT 15:37:05
PAGE 39
    
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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOLL , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 372892.63 372922.63 372952.63 372982.63 373012.63
-----|-----
3758119.5 | 10.25476 (07071524) 8.72879 (07071524) 6.92592 (07071524) 7.09932 (07092824) 7.69156 (07092824)
3758089.5 | 9.90837 (07071524) 8.05363 (07071524) 7.50466 (07031824) 8.14606 (07092824) 8.57285 (07092824)
3758059.5 | 9.32122 (07071524) 8.01414 (07031824) 8.65233 (07092824) 9.14228 (07092824) 9.29528 (07092824)
3758029.5 | 8.57151 (07031824) 9.22015 (07092824) 9.78174 (07092824) 9.98265 (07092824) 9.77739 (07092824)
3757999.5 | 9.86034 (07092824) 10.50428 (07092824) 10.76112 (07092824) 10.56735 (07092824) 9.99370 (07092824)
3757969.5 | 11.32686 (07092824) 11.64969 (07092824) 11.47035 (07092824) 10.85839 (07092824) 10.56718 (06101024)
3757939.5 | 12.67242 (07092824) 12.51169 (07092824) 11.85446 (07092824) 11.91501 (06101024) 13.65496 (06101024)
3757909.5 | 13.72404 (07092824) 13.01256 (07092824) 13.52771 (06101024) 15.42825 (06101024) 16.90162 (06101024)
3757879.5 | 14.37331 (07092824) 15.47394 (06101024) 17.54083 (06101024) 19.06614 (06101024) 19.98300 (06101024)
3757849.5 | 17.84347 (06101024) 20.06730 (06101024) 21.59643 (06101024) 22.37884 (06101024) 22.44962 (06101024)
3757819.5 | 23.09328 (06101024) 24.54337 (06101024) 25.07998 (06101024) 24.78134 (06101024) 23.78338 (06101024)
3757789.5 | 27.95427 (06101024) 28.08607 (06101024) 27.26215 (06101024) 25.68205 (06101024) 23.57402 (06101024)
3757759.5 | 31.37907 (06101024) 29.83558 (06101024) 27.52658 (06101024) 24.75201 (06101024) 21.77916 (06101024)
3757729.5 | 32.42974 (06101024) 29.25295 (06101024) 25.74130 (06101024) 22.18035 (06101024) 18.81566 (06052024)
3757699.5 | 30.82020 (06101024) 26.52781 (06101024) 22.36648 (06101024) 20.30118 (06052024) 18.44286 (06052024)
3757669.5 | 27.13038 (06101024) 24.05549 (06052024) 21.63100 (06052024) 19.29343 (06052024) 18.73838 (05081824)
3757639.5 | 25.78470 (06052024) 23.11169 (05081824) 22.20511 (05081824) 21.19659 (05081824) 20.11695 (05081824)
3757609.5 | 26.36583 (05081824) 24.73734 (05081824) 23.11591 (05081824) 21.51395 (05081824) 19.94442 (05081824)
3757579.5 | 26.87606 (05081824) 24.63686 (05081824) 22.50934 (05081824) 20.49697 (05081824) 18.60705 (05081824)
    
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Site #14 – Localized PM_{2.5} Concentrations

3757549.5	25.77183 (05081824)	23.06339 (05081824)	20.58047 (05081824)	18.32050 (05081824)	16.70644 (06050424)
3757519.5	22.75058 (05081824)	20.43850 (05102324)	18.45006 (05102324)	16.75925 (06050424)	15.42197 (06050424)
3757489.5	22.51195 (05102324)	20.05262 (05102324)	17.88607 (05102324)	15.98687 (05102324)	14.33116 (05102324)
3757459.5	21.30921 (07051524)	19.53510 (07051524)	17.97678 (07051524)	16.59735 (07051524)	15.37135 (07051524)
3757429.5	22.30307 (06060724)	20.06223 (06060724)	18.13688 (06060724)	16.83586 (07051524)	15.73458 (07051524)
3757399.5	22.32202 (06060724)	20.25699 (06060724)	18.41688 (06060724)	16.78997 (06060724)	15.35886 (06060724)
3757369.5	20.82602 (06060724)	19.24648 (06060724)	17.76452 (06060724)	16.38446 (06060724)	15.11311 (06060724)
3757339.5	18.17377 (06060724)	17.20940 (06060724)	16.23994 (06060724)	15.27222 (06060724)	14.31843 (06060724)
3757309.5	14.96288 (07110724)	14.40081 (06060724)	13.96353 (06060724)	13.46358 (06060724)	12.91114 (06060724)
3757279.5	13.06319 (06030824)	12.49747 (07110724)	12.32035 (07110724)	12.05320 (07110724)	11.71513 (07110724)
3757249.5	12.56105 (05070224)	11.69783 (05070224)	10.70784 (05070224)	10.20762 (07110724)	10.25496 (07110724)
3757219.5	12.07473 (05070424)	11.41197 (05070224)	10.88640 (05070224)	10.18112 (05070224)	9.35481 (05070224)
3757189.5	11.86543 (06051424)	10.80463 (05070424)	10.23611 (05070224)	10.02011 (05070224)	9.57251 (05070224)
3757159.5	11.76106 (06051424)	11.03543 (06051424)	10.00627 (06051424)	9.02593 (05070224)	9.05298 (05070224)
3757129.5	10.75419 (06051424)	10.72938 (06051424)	10.27197 (06051424)	9.48995 (06051424)	8.50086 (06051424)
3757099.5	9.70373 (05082324)	9.61798 (06051424)	9.77638 (06051424)	9.54177 (06051424)	8.98483 (06051424)
3757069.5	8.96683 (05012924)	8.88830 (05082324)	8.90560 (05082324)	8.89406 (06051424)	8.83802 (06051424)
3757039.5	8.40976 (05012924)	8.12995 (05012924)	8.16062 (05082324)	8.27932 (05082324)	8.08029 (06051424)
3757009.5	7.63109 (05012924)	7.64163 (05012924)	7.41730 (05012924)	7.50837 (05082324)	7.70409 (05082324)
3756979.5	6.90353 (07092724)	6.96048 (05012924)	6.98319 (05012924)	6.80329 (05012924)	6.92179 (05082324)
3756949.5	6.31956 (07092724)	6.51662 (07092724)	6.38139 (05012924)	6.41347 (05012924)	6.26922 (05012924)

*** AERMOD - VERSION 09292 *** *** Site 14 - PM2.5 ***

 10/26/10
 15:37:05
 PAGE 40

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT
 *** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372892.63	372922.63	X-COORD (METERS) 372952.63	372982.63	373012.63
3756919.5	5.97758 (06071724)	6.04739 (07092724)	6.16117 (07092724)	5.87729 (05012924)	5.91659 (05012924)
3756889.5	5.70944 (06071724)	5.61650 (06071724)	5.79553 (07092724)	5.83164 (07092724)	5.43597 (05012924)
3756859.5	5.51160 (07090824)	5.47682 (06071724)	5.25646 (06071724)	5.55799 (07092724)	5.52414 (07092724)
3756829.5	5.40609 (07090824)	5.39513 (07090824)	5.22872 (06071724)	4.97005 (07092724)	5.31119 (07092724)
3756799.5	5.23658 (07021324)	5.40654 (07090824)	5.22633 (07090824)	4.96912 (06071724)	4.83034 (07092724)
3756769.5	5.17900 (07021324)	5.19573 (07090824)	5.35081 (07090824)	5.01226 (07090824)	4.70198 (06071724)
3756739.5	5.04180 (07021324)	4.79823 (07090824)	5.24927 (07090824)	5.24213 (07090824)	4.76093 (07090824)
3756709.5	4.84111 (07021324)	4.67413 (07021324)	4.94779 (07090824)	5.24956 (07090824)	5.08576 (07090824)
3756679.5	4.59402 (07021324)	4.53765 (07021324)	4.48424 (07090824)	5.04831 (07090824)	5.19742 (07090824)
3756649.5	4.58687 (05081524)	4.35264 (07021324)	4.23502 (07021324)	4.67016 (07090824)	5.09847 (07090824)

*** AERMOD - VERSION 09292 *** *** Site 14 - PM2.5 ***

 10/26/10
 15:37:05
 PAGE 41

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT
 *** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	373042.63	373072.63	X-COORD (METERS) 373102.63	373132.63	373162.63
3758119.5	8.06199 (07092824)	8.13703 (07092824)	7.90903 (07092824)	7.44397 (07092824)	6.83445 (07092824)
3758089.5	8.68384 (07092824)	8.46167 (07092824)	7.97395 (07092824)	7.32295 (07092824)	8.04075 (06101024)
3758059.5	9.08050 (07092824)	8.56753 (07092824)	7.86985 (07092824)	8.85648 (06101024)	9.24266 (06101024)
3758029.5	9.23572 (07092824)	8.48501 (07092824)	9.79570 (06101024)	10.94056 (06101024)	11.84067 (06101024)
3757999.5	9.42942 (06101024)	10.88505 (06101024)	12.11210 (06101024)	13.05159 (06101024)	13.68275 (06101024)
3757969.5	12.15751 (06101024)	13.46999 (06101024)	14.44190 (06101024)	15.05403 (06101024)	15.32006 (06101024)
3757939.5	15.05227 (06101024)	16.04102 (06101024)	16.60541 (06101024)	16.76798 (06101024)	16.57275 (06101024)
3757909.5	17.87843 (06101024)	18.35175 (06101024)	18.35599 (06101024)	17.95161 (06101024)	17.21209 (06101024)
3757879.5	20.30067 (06101024)	20.07341 (06101024)	19.38497 (06101024)	18.33423 (06101024)	17.02766 (06101024)
3757849.5	21.89551 (06101024)	20.83403 (06101024)	19.39972 (06101024)	17.72856 (06101024)	15.94562 (06101024)
3757819.5	22.24979 (06101024)	20.35861 (06101024)	18.28128 (06101024)	16.15790 (06101024)	14.08993 (06101024)
3757789.5	21.16474 (06101024)	18.65200 (06101024)	16.18438 (06101024)	14.13135 (06052024)	13.23392 (06052024)
3757759.5	18.81921 (06101024)	16.21078 (06052024)	15.08815 (06052024)	13.93638 (06052024)	12.79020 (06052024)
3757729.5	17.39107 (06052024)	15.93964 (06052024)	14.50802 (06052024)	13.73352 (05090224)	13.32699 (05090224)
3757699.5	16.62909 (06052024)	15.80769 (05081824)	15.57658 (05081824)	15.22378 (05081824)	14.77346 (05081824)
3757669.5	18.18831 (05081824)	17.52681 (05081824)	16.78226 (05081824)	15.98009 (05081824)	15.14227 (05081824)
3757639.5	18.99202 (05081824)	17.84589 (05081824)	16.69863 (05081824)	15.56742 (05081824)	14.46592 (05081824)
3757609.5	18.42236 (05081824)	16.95981 (05081824)	15.56731 (05081824)	14.25199 (05081824)	13.01710 (05081824)
3757579.5	16.84496 (05081824)	15.21305 (05081824)	13.89893 (06050424)	13.08125 (06050424)	12.34508 (06050424)
3757549.5	15.50051 (06050424)	14.43552 (06050424)	13.48427 (06050424)	12.62699 (06050424)	11.84772 (06050424)
3757519.5	14.24119 (06050424)	13.18717 (06050424)	12.23848 (06050424)	11.37843 (06050424)	10.59536 (06050424)
3757489.5	12.91585 (07051524)	11.97310 (07051524)	11.14001 (07051524)	10.39958 (07051524)	9.73831 (07051524)
3757459.5	14.27547 (07051524)	13.29294 (07051524)	12.40940 (07051524)	11.61217 (07051524)	10.89103 (07051524)
3757429.5	14.73059 (07051524)	13.81233 (07051524)	12.97083 (07051524)	12.19828 (07051524)	11.48849 (07051524)
3757399.5	14.10349 (06060724)	13.31867 (07051524)	12.61090 (07051524)	11.95081 (07051524)	11.33441 (07051524)
3757369.5	13.95521 (06060724)	12.91059 (06060724)	11.97498 (06060724)	11.13987 (06060724)	10.40755 (07051524)
3757339.5	13.39305 (06060724)	12.51040 (06060724)	11.68180 (06060724)	10.91467 (06060724)	10.21232 (06060724)
3757309.5	12.31984 (06060724)	11.70463 (06060724)	11.08036 (06060724)	10.46340 (06060724)	9.86560 (06060724)
3757279.5	11.31730 (07110724)	10.86734 (07110724)	10.37145 (07110724)	9.83669 (07110724)	9.27166 (07110724)
3757249.5	10.19268 (07110724)	10.04177 (07110724)	9.81659 (07110724)	9.52887 (07110724)	9.18724 (07110724)
3757219.5	8.46058 (05070224)	8.59264 (07110724)	8.67106 (07110724)	8.65673 (07110724)	8.56282 (07110724)
3757189.5	8.98464 (05070224)	8.28845 (05070224)	7.53019 (05070224)	7.23446 (07110724)	7.40437 (07110724)
3757159.5	8.86740 (05070224)	8.50685 (05070224)	8.01074 (05070224)	7.42077 (05070224)	6.77350 (05070224)
3757129.5	8.07972 (05070224)	8.09330 (05070224)	7.93144 (05070224)	7.62296 (05070224)	7.20055 (05070224)
3757099.5	8.19516 (06051424)	7.26165 (06051424)	7.28980 (05070224)	7.29024 (05070224)	7.14552 (05070224)
3757069.5	8.47630 (06051424)	7.87315 (06051424)	7.10043 (06051424)	6.49537 (05070224)	6.61917 (05070224)
3757039.5	8.16240 (06051424)	7.96437 (06051424)	7.52872 (06051424)	6.90949 (06051424)	6.16749 (06051424)
3757009.5	7.53359 (05082324)	7.51858 (06051424)	7.45445 (06051424)	7.16465 (06051424)	6.68739 (06051424)
3756979.5	7.17506 (05082324)	7.09934 (05082324)	6.91071 (06051424)	6.95282 (06051424)	6.78684 (06051424)
3756949.5	6.39268 (05082324)	6.68793 (05082324)	6.68919 (05082324)	6.41490 (05082324)	6.46530 (06051424)

*** AERMOD - VERSION 09292 *** *** Site 14 - PM2.5 ***

 10/26/10
 15:37:05
 PAGE 42

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT
 *** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,

Site #14 – Localized PM_{2.5} Concentrations

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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 373042.63 373072.63 373102.63 373132.63 373162.63
-----|-----
3756919.5 | 5.80107 (05012924) 5.91421 (05082324) 6.23939 (05082324) 6.30247 (05082324) 6.11194 (05082324)
3756889.5 | 5.48005 (05012924) 5.38753 (05012924) 5.48109 (05082324) 5.82618 (05082324) 5.93842 (05082324)
3756859.5 | 5.04677 (05012924) 5.09425 (05012924) 5.01995 (05012924) 5.08815 (05082324) 5.44529 (05082324)
3756829.5 | 5.23605 (07092724) 4.73381 (07092724) 4.75113 (05012924) 4.69150 (05012924) 4.73087 (05082324)
3756799.5 | 5.11349 (07092724) 4.96539 (07092724) 4.45281 (07092724) 4.44443 (05012924) 4.39660 (05012924)
3756769.5 | 4.69352 (07092724) 4.90377 (07092724) 4.71072 (07092724) 4.19184 (07092724) 4.16900 (05012924)
3756739.5 | 4.43131 (06071724) 4.55796 (07092724) 4.70167 (07092724) 4.47038 (07092724) 3.94862 (07092724)
3756709.5 | 4.48107 (07090824) 4.16026 (06071724) 4.42307 (07092724) 4.50650 (07092724) 4.24369 (07092724)
3756679.5 | 4.88717 (07090824) 4.23317 (06071724) 3.93045 (07092724) 4.28895 (07092724) 4.31813 (07092724)
3756649.5 | 5.09634 (07090824) 4.65432 (07090824) 4.02532 (06071724) 3.85882 (07092724) 4.15566 (07092724)
*** AERMOD - VERSION 09292 *** ** Site 14 - PM2.5 ***
***
*** 10/26/10
*** 15:37:05
*** PAGE 43

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**MODELOPTs: NonDEFAULT CONC
FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
-----|-----
372149.67 3757202.57 33.94385 (06123024) 372200.97 3757196.42 38.34594 (05120824)
372734.43 3757083.57 10.44637 (05061324) 372746.74 3757147.17 12.61485 (05012924)
372767.26 3757192.31 14.82246 (05012924) 372894.46 3757118.45 10.21430 (06051424)
372371.27 3757725.77 34.61690 (06090524)
*** AERMOD - VERSION 09292 *** ** Site 14 - PM2.5 ***
***
*** 10/26/10
*** 15:37:05
*** PAGE 44

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**MODELOPTs: NonDEFAULT CONC
FLAT
NODRYDPLT NOWETDPLT

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 3 YEARS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

GROUP ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE NETWORK GRID-ID
-----|-----
ALL 1ST HIGHEST VALUE IS 207.95578 AT ( 372472.63, 3757459.46, 10.00, 10.00, 0.00) GC UCART1
2ND HIGHEST VALUE IS 207.34234 AT ( 372472.63, 3757489.46, 10.00, 10.00, 0.00) GC UCART1
3RD HIGHEST VALUE IS 206.02425 AT ( 372502.63, 3757489.46, 10.00, 10.00, 0.00) GC UCART1
4TH HIGHEST VALUE IS 205.87548 AT ( 372442.63, 3757459.46, 10.00, 10.00, 0.00) GC UCART1
5TH HIGHEST VALUE IS 205.17198 AT ( 372502.63, 3757459.46, 10.00, 10.00, 0.00) GC UCART1
6TH HIGHEST VALUE IS 204.54669 AT ( 372472.63, 3757429.46, 10.00, 10.00, 0.00) GC UCART1
7TH HIGHEST VALUE IS 204.06914 AT ( 372442.63, 3757429.46, 10.00, 10.00, 0.00) GC UCART1
8TH HIGHEST VALUE IS 203.86094 AT ( 372442.63, 3757489.46, 10.00, 10.00, 0.00) GC UCART1
9TH HIGHEST VALUE IS 202.38516 AT ( 372502.63, 3757519.46, 10.00, 10.00, 0.00) GC UCART1
10TH HIGHEST VALUE IS 201.79969 AT ( 372472.63, 3757519.46, 10.00, 10.00, 0.00) GC UCART1

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*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
*** AERMOD - VERSION 09292 *** ** Site 14 - PM2.5 ***
***
*** 10/26/10
*** 15:37:05
*** PAGE 45

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**MODELOPTs: NonDEFAULT CONC
FLAT
NODRYDPLT NOWETDPLT

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

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

GROUP ID AVERAGE CONC DATE (YYMMDDHH) RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE NETWORK GRID-ID
-----|-----
ALL HIGH 1ST HIGH VALUE IS 307.56247 ON 05120824: AT ( 372412.63, 3757399.46, 10.00, 10.00, 0.00) GC UCART1

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
*** AERMOD - VERSION 09292 *** ** Site 14 - PM2.5 ***
***
*** 10/26/10
*** 15:37:05
*** PAGE 46

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**MODELOPTs: NonDEFAULT CONC
FLAT
NODRYDPLT NOWETDPLT

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

----- Summary of Total Messages -----
A Total of 0 Fatal Error Message(s)
A Total of 0 Warning Message(s)
A Total of 152 Informational Message(s)
A Total of 26280 Hours Were Processed
A Total of 15 Calm Hours Identified
A Total of 137 Missing Hours Identified ( 0.52 Percent)

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

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Site #14 – Localized PM_{2.5} Concentrations

```
***** WARNING MESSAGES *****  
*** NONE ***
```

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

Site #15 – Localized CO Concentrations

```
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 6.5.0
** Lakes Environmental Software Inc.
** Date: 6/29/2010
** File: C:\Documents and Settings\ssilverman\Desktop\Site 15\CO.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
TITLEONE Site 15 - CO
MODELOPT CONC NODRYDPLT NOWETDPLT FLAT
AVERTIME 1 8
POLLUTID CO
RUNORNOT RUN
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION AREAL AREA 372695.400 3757574.990 0.0
** DESCRSRC Exhuast
** Source Parameters **
SRCPARAM AREAL 0.00001353 4.100 135.440 299.009 0.000
CONCUNIT 873.2 GRAMS/SEC PPM
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
GRIDCART UCART1 STA
                XYINC 371970.44 50 30.00 3756971.30 50 30.00
GRIDCART UCART1 END
** DESCRREC ** **
DISCCART 372922.94 3757605.69
DISCCART 372861.54 3757481.08
DISCCART 372438.96 3757746.55
DISCCART 372431.74 3757838.64
DISCCART 372435.35 3757928.94
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
SURFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC"
PROFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL"
SURFDATA 0 2005
UAIRDATA 3190 2005
PROFBASE 10 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 1 1ST
RECTABLE 8 1ST
** Auto-Generated Plotfiles
PLOTFILE 1 ALL 1ST CO.AD\01H1GALL.PLT
PLOTFILE 8 ALL 1ST CO.AD\08H1GALL.PLT
OU FINISHED
*****
*** SETUP Finishes Successfully ***
*****

*** AERMOD - VERSION 09292 ***      *** Site 15 - CO      ***      06/29/10
***                                     ***                                     ***      11:46:58
**MODELOPTs:  NonDEFAULT CONC                FLAT                PAGE 1
                NODRYDPLT NOWETDPLT

***      MODEL SETUP OPTIONS SUMMARY      ***
-----
**Model Is Setup For Calculation of Average CONCentration Values.
-- DEPOSITION LOGIC --
**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION.  DRYDPLT = F
**Model Uses NO WET DEPLETION.  WETDPLT = F

**Model Uses RURAL Dispersion Only.

**Model Allows User-Specified Options:
1. Stack-tip Downwash.
2. Model Assumes Receptors on FLAT Terrain.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
```


Site #15 – Localized CO Concentrations

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

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

1.54, 3.09, 5.14, 8.23, 10.80,
*** AERMOD - VERSION 09292 *** Site 15 - CO *** 06/29/10
*** *** *** 11:46:58
*** *** *** PAGE 7

**MODELOPTs: NonDEFAULT CONC PLAT
NODRYDPLT NOWETDPLT

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

Surface file: L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC Met Version: 06341
Profile file: L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 0 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2005 Year: 2005

First 24 hours of scalar data

YR	MO	JDY	HR	HO	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN	ALBEDO	REF	WS	WD	HT	REF	TA	HT
05	01	01	1	01	-3.3	0.062	-9.000	-9.000	-999.	35.	6.5	0.26	1.00	1.00	1.10	52.	9.1	282.5	5.5		
05	01	01	1	02	-3.9	0.073	-9.000	-9.000	-999.	45.	8.9	0.26	1.00	1.00	1.30	51.	9.1	282.0	5.5		
05	01	01	1	03	-2.7	0.056	-9.000	-9.000	-999.	30.	5.9	0.26	1.00	1.00	1.00	48.	9.1	281.4	5.5		
05	01	01	1	04	-2.3	0.056	-9.000	-9.000	-999.	30.	6.8	0.26	1.00	1.00	1.00	52.	9.1	280.9	5.5		
05	01	01	1	05	-2.8	0.062	-9.000	-9.000	-999.	35.	7.5	0.26	1.00	1.00	1.10	62.	9.1	281.4	5.5		
05	01	01	1	06	-5.3	0.078	-9.000	-9.000	-999.	51.	8.2	0.26	1.00	1.00	1.40	64.	9.1	280.9	5.5		
05	01	01	1	07	-3.9	0.067	-9.000	-9.000	-999.	40.	7.0	0.26	1.00	1.00	1.20	55.	9.1	280.4	5.5		
05	01	01	1	08	-4.9	0.078	-9.000	-9.000	-999.	51.	8.8	0.26	1.00	0.53	1.40	76.	9.1	280.9	5.5		
05	01	01	1	09	45.2	0.282	0.524	0.005	115.	344.	-44.6	0.26	1.00	0.30	2.20	78.	9.1	283.1	5.5		
05	01	01	1	10	114.4	0.293	1.397	0.005	862.	365.	-19.9	0.26	1.00	0.22	2.10	83.	9.1	284.9	5.5		
05	01	01	1	11	139.9	0.299	1.673	0.010	1212.	376.	-17.3	0.26	1.00	0.19	2.10	80.	9.1	287.0	5.5		
05	01	01	1	12	15.0	0.122	0.797	0.010	1215.	125.	-10.8	0.26	1.00	0.18	0.80	30.	9.1	287.0	5.5		
05	01	01	1	13	28.1	0.223	0.983	0.010	1221.	241.	-35.4	0.26	1.00	0.18	1.70	184.	9.1	287.0	5.5		
05	01	01	1	14	17.9	0.256	0.847	0.009	1225.	298.	-84.4	0.26	1.00	0.19	2.10	201.	9.1	287.0	5.5		
05	01	01	1	15	4.2	0.231	0.521	0.009	1226.	256.	-268.6	0.26	1.00	0.22	2.00	205.	9.1	286.4	5.5		
05	01	01	1	16	0.1	0.180	0.151	0.009	1226.	176.	-5231.4	0.26	1.00	0.31	1.60	211.	9.1	286.4	5.5		
05	01	01	1	17	-1.7	0.045	-9.000	-9.000	-999.	46.	4.9	0.26	1.00	0.57	0.80	216.	9.1	285.9	5.5		
05	01	01	1	18	-0.6	0.028	-9.000	-9.000	-999.	11.	3.4	0.26	1.00	1.00	0.50	38.	9.1	285.4	5.5		
05	01	01	1	19	-0.4	0.022	-9.000	-9.000	-999.	8.	2.8	0.26	1.00	1.00	0.40	261.	9.1	284.9	5.5		
05	01	01	1	20	-0.4	0.022	-9.000	-9.000	-999.	8.	2.8	0.26	1.00	1.00	0.40	337.	9.1	284.9	5.5		
05	01	01	1	21	-1.5	0.045	-9.000	-9.000	-999.	22.	5.5	0.26	1.00	1.00	0.80	12.	9.1	284.9	5.5		
05	01	01	1	22	-1.5	0.045	-9.000	-9.000	-999.	22.	5.5	0.26	1.00	1.00	0.80	360.	9.1	284.9	5.5		
05	01	01	1	23	-1.9	0.050	-9.000	-9.000	-999.	26.	6.2	0.26	1.00	1.00	0.90	46.	9.1	284.2	5.5		
05	01	01	1	24	-1.5	0.045	-9.000	-9.000	-999.	22.	5.5	0.26	1.00	1.00	0.80	12.	9.1	284.2	5.5		

First hour of profile data

YR	MO	JDY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
05	01	01	01	5.5	0	-999.	-99.00	282.6	99.0	-99.00	-99.00
05	01	01	01	9.1	1	52.	1.10	-999.0	99.0	-99.00	-99.00

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

*** AERMOD - VERSION 09292 *** Site 15 - CO *** 06/29/10
*** *** *** 11:46:58
*** *** *** PAGE 8

**MODELOPTs: NonDEFAULT CONC PLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	371970.44	372000.44	X-COORD (METERS)	372030.44	372060.44	372090.44
3758441.3	0.45982 (07090105)	0.46736 (07062201)	0.46483 (07062201)	0.46493 (05082506)	0.48853 (05102724)	
3758411.3	0.47789 (06071402)	0.46654 (07090105)	0.47442 (07062201)	0.47293 (07062201)	0.47319 (05082506)	
3758381.3	0.47745 (06071402)	0.47641 (06071402)	0.47272 (07090105)	0.48097 (07062201)	0.48056 (07062201)	
3758351.3	0.45779 (06071402)	0.47242 (06071402)	0.47316 (06071402)	0.47818 (07090105)	0.48684 (07062201)	
3758321.3	0.42067 (06071402)	0.44974 (06071402)	0.46574 (06071402)	0.46802 (06071402)	0.48275 (07090105)	
3758291.3	0.39974 (06110122)	0.40995 (06071402)	0.44023 (06071402)	0.45737 (06071402)	0.46343 (07090105)	
3758261.3	0.43210 (06110122)	0.41814 (06110122)	0.42119 (06092404)	0.43281 (06111621)	0.44721 (06111621)	
3758231.3	0.44472 (06110122)	0.44273 (06110122)	0.43314 (06110122)	0.43488 (06092404)	0.44776 (06111621)	
3758201.3	0.45670 (07072706)	0.45619 (07072706)	0.44973 (06110122)	0.44428 (06110122)	0.44761 (06092404)	
3758171.3	0.45659 (07072706)	0.46686 (07072706)	0.47110 (07072706)	0.46884 (07072706)	0.45940 (07072706)	
3758141.3	0.43857 (07072706)	0.45868 (07072706)	0.47325 (07072706)	0.48194 (07072706)	0.48449 (07072706)	
3758111.3	0.42174 (06062903)	0.43310 (07072706)	0.45737 (07072706)	0.47595 (07072706)	0.48876 (07072706)	
3758081.3	0.42318 (06090102)	0.42046 (06090102)	0.42694 (06062903)	0.45261 (07072706)	0.47526 (07072706)	
3758051.3	0.42286 (06090102)	0.42569 (06090102)	0.43050 (07090203)	0.43722 (07090203)	0.44446 (07072706)	
3758021.3	0.40912 (06090102)	0.41790 (06090102)	0.42913 (07090203)	0.44315 (07090203)	0.45458 (07090203)	
3757991.3	0.40714 (05092123)	0.41815 (05092123)	0.42754 (05092123)	0.43525 (05092123)	0.44987 (07090203)	
3757961.3	0.41082 (06120524)	0.41590 (06090305)	0.42545 (05092123)	0.43879 (05092123)	0.45055 (05092123)	
3757931.3	0.42291 (05020723)	0.42293 (05020723)	0.42792 (06090305)	0.43871 (06090305)	0.44847 (06090305)	
3757901.3	0.42473 (05020723)	0.42709 (05020723)	0.42836 (05020723)	0.43214 (06070724)	0.44580 (06090305)	
3757871.3	0.41510 (05020723)	0.42284 (07012323)	0.43133 (07012323)	0.43953 (07012323)	0.44770 (06070724)	
3757841.3	0.40884 (07012323)	0.42032 (07012323)	0.43151 (07012323)	0.44237 (07012323)	0.45286 (07012323)	
3757811.3	0.41030 (07101207)	0.41486 (07101207)	0.42398 (06121320)	0.43484 (06121320)	0.44553 (06121320)	
3757781.3	0.43050 (07101207)	0.43500 (07101207)	0.43925 (07101207)	0.44320 (07101207)	0.44678 (07101207)	
3757751.3	0.43589 (07101207)	0.44046 (07101207)	0.44471 (07101207)	0.44858 (07101207)	0.45199 (07101207)	
3757721.3	0.42932 (07101207)	0.43467 (07101207)	0.43969 (07101207)	0.44430 (07101207)	0.44923 (06041122)	
3757691.3	0.42045 (05062906)	0.42858 (05062906)	0.43671 (05062906)	0.44484 (05062906)	0.45292 (05062906)	
3757661.3	0.41778 (05062906)	0.42533 (05062906)	0.43297 (05062906)	0.44707 (06020819)	0.46406 (06020819)	
3757631.3	0.43315 (06020819)	0.44816 (06020819)	0.46306 (06020819)	0.47767 (06020819)	0.49183 (06020819)	
3757601.3	0.45317 (06020819)	0.46554 (06020819)	0.47757 (06020819)	0.48914 (06020819)	0.50014 (06020819)	
3757571.3	0.45492 (06020819)	0.46411 (06020819)	0.47279 (06020819)	0.48088 (06020819)	0.48838 (06020819)	
3757541.3	0.43786 (06020819)	0.44337 (06020819)	0.44819 (06020819)	0.45235 (06020819)	0.45577 (06020819)	
3757511.3	0.41128 (07110907)	0.42085 (07110907)	0.43149 (07122906)	0.44130 (07122906)	0.45211 (07102321)	
3757481.3	0.41024 (07012823)	0.42007 (07012321)	0.43381 (07012321)	0.44597 (07012321)	0.45646 (07012321)	
3757451.3	0.42384 (05083124)	0.42950 (07040401)	0.43860 (07040401)	0.44454 (07040401)	0.45471 (05051905)	
3757421.3	0.44060 (05083124)	0.44132 (07040401)	0.44476 (07040401)	0.44566 (07040401)	0.45864 (07042502)	
3757391.3	0.44436 (05083124)	0.43936 (07040401)	0.43728 (07040401)	0.44503 (05042623)	0.45891 (05042623)	
3757361.3	0.43475 (05083124)	0.42736 (05062904)	0.43479 (05042623)	0.44379 (05042623)	0.45197 (07071204)	
3757331.3	0.43130 (05062904)	0.43567 (05062904)	0.43575 (05062904)	0.43938 (07081224)	0.45477 (07081224)	

Site #15 – Localized CO Concentrations

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3757301.3 |      0.43228 (05062904)      0.43131 (06111722)      0.43690 (05043001)      0.44264 (05043001)      0.45724 (07041703)
3757211.3 |      0.43018 (05043001)      0.43910 (05043001)      0.44183 (05043001)      0.44239 (07041703)      0.45184 (07081724)
*** AERMOD - VERSION 09292 ***      *** Site 15 - CO      ***

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**MODELOPTs: NonDEFAULT CONC      FLAT
NODRYDPLT NOWETDPLT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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** CONC OF CO		IN PPM			
Y-COORD (METERS)			X-COORD (METERS)		
	371970.44	372000.44	372030.44	372060.44	372090.44
3757241.3	0.43800 (05043001)	0.43726 (05043001)	0.42992 (05043001)	0.43745 (07081724)	0.44959 (06092403)
3757211.3	0.42878 (05043001)	0.41716 (05043001)	0.42312 (06092403)	0.44681 (05011420)	0.47783 (05091105)
3757181.3	0.40034 (05043001)	0.42345 (05011420)	0.44877 (05011420)	0.47584 (05091105)	0.49266 (05091105)
3757151.3	0.42648 (05011420)	0.44916 (05011420)	0.47252 (05091105)	0.48647 (05091105)	0.48738 (05091105)
3757121.3	0.44803 (05011420)	0.46799 (05091105)	0.47890 (05091105)	0.47677 (05091105)	0.48104 (07092604)
3757091.3	0.46228 (05091105)	0.47018 (05091105)	0.47150 (07091205)	0.47967 (07091205)	0.48140 (07081202)
3757061.3	0.46040 (05091105)	0.47701 (07091205)	0.48443 (07091205)	0.48654 (07081202)	0.48608 (05121721)
3757031.3	0.48127 (07091205)	0.48770 (07091205)	0.49022 (07081202)	0.48377 (06090101)	0.50000 (05121721)
3757001.3	0.48959 (07091205)	0.49249 (07081202)	0.48547 (06090101)	0.50208 (06090101)	0.49674 (06090101)
3756971.3	0.49352 (07081202)	0.48603 (06090101)	0.50395 (06090101)	0.50006 (06090101)	0.49270 (07071015)

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*** AERMOD - VERSION 09292 ***      *** Site 15 - CO      ***
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**MODELOPTs: NonDEFAULT CONC      FLAT
NODRYDPLT NOWETDPLT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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** CONC OF CO		IN PPM			
Y-COORD (METERS)			X-COORD (METERS)		
	372120.44	372150.44	372180.44	372210.44	372240.44
3758441.3	0.51020 (05102724)	0.50798 (05102724)	0.50998 (07091203)	0.52968 (07091203)	0.53770 (06060106)
3758411.3	0.50084 (05102724)	0.52087 (05102724)	0.51577 (05102724)	0.52350 (07091203)	0.54528 (06060106)
3758381.3	0.48084 (05082506)	0.51284 (05102724)	0.53099 (05102724)	0.52282 (05102724)	0.53521 (07091203)
3758351.3	0.48741 (07062201)	0.48786 (05082506)	0.52444 (05102724)	0.54036 (05102724)	0.52877 (05102724)
3758321.3	0.49187 (07062201)	0.49330 (07062201)	0.49734 (05102724)	0.53520 (05102724)	0.54867 (05102724)
3758291.3	0.48621 (07090105)	0.49578 (07062201)	0.49807 (07062201)	0.50891 (05102724)	0.54508 (05102724)
3758261.3	0.46447 (07090105)	0.48846 (07090105)	0.49847 (07062201)	0.50125 (07062201)	0.52069 (06122419)
3758231.3	0.45821 (06111621)	0.47324 (07081723)	0.48929 (07090105)	0.50147 (07030521)	0.52012 (06122419)
3758201.3	0.46360 (06092404)	0.47679 (06111621)	0.48907 (07081723)	0.50782 (07081723)	0.52156 (07030521)
3758171.3	0.46295 (07030805)	0.47969 (06092404)	0.49469 (06111621)	0.50611 (06083105)	0.52751 (07081723)
3758141.3	0.48040 (07072706)	0.48263 (07030805)	0.49446 (06092404)	0.51159 (06111621)	0.52530 (06083105)
3758111.3	0.49563 (07072706)	0.49633 (07072706)	0.49994 (07030805)	0.50944 (07030805)	0.52902 (06092404)
3758081.3	0.49179 (07072706)	0.50240 (07072706)	0.50711 (07072706)	0.51459 (07030805)	0.52949 (07030805)
3758051.3	0.47114 (07072706)	0.49137 (07072706)	0.50521 (07072706)	0.51302 (07072706)	0.52639 (07030805)
3758021.3	0.46318 (07090203)	0.46874 (07090203)	0.48761 (07072706)	0.50444 (07072706)	0.52300 (06090202)
3757991.3	0.46574 (07090203)	0.47896 (07090203)	0.48937 (07090203)	0.49689 (07090203)	0.50571 (06090202)
3757961.3	0.46068 (05092123)	0.47095 (07090203)	0.48837 (07090203)	0.50302 (07090203)	0.51492 (07090203)
3757931.3	0.45835 (05092123)	0.47226 (05092123)	0.48447 (05092123)	0.49501 (05092123)	0.51061 (07090203)
3757901.3	0.45886 (06090305)	0.47080 (06090305)	0.48166 (06090305)	0.49245 (05092123)	0.50614 (05092123)
3757871.3	0.45761 (06070724)	0.46705 (06070724)	0.47644 (06090305)	0.49016 (06090305)	0.50250 (06090305)
3757841.3	0.46299 (07012323)	0.47267 (07012323)	0.48196 (07012323)	0.49081 (07012323)	0.49921 (07012323)
3757811.3	0.45598 (06121320)	0.46814 (07012323)	0.47985 (07012323)	0.49083 (07012323)	0.50102 (07012323)
3757781.3	0.44988 (07101207)	0.45844 (06121320)	0.47054 (06121320)	0.48214 (06121320)	0.49310 (06121320)
3757751.3	0.45880 (06041122)	0.46825 (06041122)	0.47761 (06041122)	0.48682 (06041122)	0.49573 (06041122)
3757721.3	0.45892 (06041122)	0.46857 (06041122)	0.47810 (06041122)	0.48744 (06041122)	0.49644 (06041122)
3757691.3	0.46094 (05062906)	0.46883 (05062906)	0.47701 (07090124)	0.49226 (06020819)	0.50928 (06020819)
3757661.3	0.48073 (06020819)	0.49688 (06020819)	0.51222 (06020819)	0.52643 (06020819)	0.53918 (06020819)
3757631.3	0.50538 (06020819)	0.51818 (06020819)	0.53000 (06020819)	0.54066 (06020819)	0.54990 (06020819)
3757601.3	0.51044 (06020819)	0.51996 (06020819)	0.52857 (06020819)	0.53615 (06020819)	0.54255 (06020819)
3757571.3	0.49516 (06020819)	0.50118 (06020819)	0.50634 (06020819)	0.51052 (06020819)	0.51358 (06020819)
3757541.3	0.46285 (07122906)	0.47381 (07122906)	0.48548 (07012321)	0.49973 (07012321)	0.51203 (07012321)
3757511.3	0.46646 (07012321)	0.47905 (07012321)	0.48993 (07012321)	0.50059 (06071502)	0.51357 (05051905)
3757481.3	0.46530 (06071502)	0.47753 (06071502)	0.49018 (05051905)	0.50640 (07042502)	0.51948 (07042502)
3757451.3	0.46743 (07042502)	0.48256 (07042502)	0.49452 (07042502)	0.50952 (05042623)	0.52143 (05042623)
3757421.3	0.46913 (07042502)	0.48398 (05042623)	0.49508 (05042623)	0.50550 (07071204)	0.52430 (07081224)
3757391.3	0.46896 (05042623)	0.47822 (07071204)	0.49514 (07081224)	0.51107 (07041703)	0.52993 (07041703)
3757361.3	0.46667 (07081224)	0.48171 (07081224)	0.49957 (07041703)	0.51325 (07041703)	0.52804 (07081724)
3757331.3	0.46957 (07041703)	0.48500 (07041703)	0.49627 (07081724)	0.51227 (06092403)	0.52869 (05082706)
3757301.3	0.46753 (07041703)	0.48074 (07081724)	0.49472 (06092403)	0.51171 (05082706)	0.52766 (07012605)
3757271.3	0.46535 (06092403)	0.47757 (05091105)	0.50161 (05121222)	0.51296 (05121222)	0.52629 (05020107)

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*** AERMOD - VERSION 09292 ***      *** Site 15 - CO      ***
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**MODELOPTs: NonDEFAULT CONC      FLAT
NODRYDPLT NOWETDPLT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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** CONC OF CO		IN PPM			
Y-COORD (METERS)			X-COORD (METERS)		
	372120.44	372150.44	372180.44	372210.44	372240.44
3757241.3	0.47845 (05091105)	0.50040 (05091105)	0.50960 (05121222)	0.50573 (05020107)	0.52050 (07092403)
3757211.3	0.49735 (05091105)	0.50404 (05091105)	0.49667 (05091105)	0.49986 (07092403)	0.52889 (05121721)
3757181.3	0.49655 (05091105)	0.49047 (07092604)	0.48863 (05041623)	0.52195 (05121721)	0.54406 (05121721)
3757151.3	0.48647 (07092604)	0.48664 (05041623)	0.51396 (05121721)	0.53691 (05121721)	0.53637 (05121721)
3757121.3	0.48341 (05041623)	0.50516 (05121721)	0.52859 (05121721)	0.52944 (05121721)	0.52563 (05060605)
3757091.3	0.49580 (05121721)	0.51956 (05121721)	0.52132 (05121721)	0.52019 (07071015)	0.53351 (05060605)
3757061.3	0.50995 (05121721)	0.51270 (05121721)	0.51480 (07071015)	0.52725 (05060605)	0.52771 (05083004)
3757031.3	0.50348 (05121721)	0.50825 (07071015)	0.51923 (05060605)	0.52274 (05083004)	0.54949 (07081306)
3757001.3	0.50083 (07071015)	0.50984 (05060605)	0.51569 (05083004)	0.52783 (07081306)	0.55712 (05053024)
3756971.3	0.49941 (05060605)	0.50697 (05083004)	0.50551 (05083004)	0.54135 (07081306)	0.58695 (05053024)

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*** AERMOD - VERSION 09292 ***      *** Site 15 - CO      ***

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Site #15 – Localized CO Concentrations

*** 11:46:58
PAGE 12

**MODELOPTs: NonDEFAULT CONC
FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	372270.44	372300.44	X-COORD (METERS) 372330.44	372360.44	372390.44
3758441.3	0.54385 (07022024)	0.52537 (05082505)	0.56253 (07070205)	0.58206 (07070205)	0.60565 (05072206)
3758411.3	0.55291 (06060106)	0.54706 (07022024)	0.53403 (07070205)	0.58374 (07070205)	0.58077 (05072206)
3758381.3	0.56699 (06060106)	0.56638 (06060106)	0.54468 (07022024)	0.56579 (07070205)	0.59428 (07070205)
3758351.3	0.56039 (06060106)	0.58770 (06060106)	0.57737 (06060106)	0.56786 (07031305)	0.58890 (07070205)
3758321.3	0.53363 (06060106)	0.58700 (06060106)	0.60698 (06060106)	0.58537 (06060106)	0.59438 (07031305)
3758291.3	0.55559 (05102724)	0.56432 (06060106)	0.61295 (06060106)	0.62390 (06060106)	0.60575 (07031305)
3758261.3	0.55361 (05102724)	0.56075 (05102724)	0.59508 (06060106)	0.63764 (06060106)	0.63798 (06060106)
3758231.3	0.54262 (06122419)	0.56030 (05102724)	0.56351 (05102724)	0.62549 (06060106)	0.66024 (06060106)
3758201.3	0.54110 (06122419)	0.56541 (06122419)	0.57290 (06071403)	0.58937 (06060106)	0.65459 (06060106)
3758171.3	0.54210 (07030521)	0.56277 (06122419)	0.58904 (06122419)	0.59775 (06071403)	0.62283 (06060106)
3758141.3	0.54698 (07081723)	0.56281 (07030521)	0.58509 (06122419)	0.61326 (06122419)	0.62329 (06071403)
3758111.3	0.54574 (06111621)	0.56590 (07081723)	0.58349 (07030521)	0.60759 (06122419)	0.63748 (06122419)
3758081.3	0.54541 (06092404)	0.56465 (06111621)	0.58401 (07081723)	0.60513 (07081723)	0.62986 (06122419)
3758051.3	0.54635 (07030805)	0.55970 (06092404)	0.58159 (06111621)	0.60076 (07081723)	0.62558 (07081723)
3758021.3	0.53897 (06090202)	0.55980 (07030805)	0.57649 (07030805)	0.59670 (06092404)	0.61692 (06083105)
3757991.3	0.53179 (06090202)	0.55213 (06090202)	0.56988 (07030805)	0.59036 (07030805)	0.60947 (06092404)
3757961.3	0.52398 (07090203)	0.53708 (06090202)	0.56109 (06090202)	0.57891 (06090202)	0.59987 (07030805)
3757931.3	0.52602 (07090203)	0.53846 (07090203)	0.54813 (07090203)	0.56653 (06090202)	0.58650 (06090202)
3757901.3	0.51797 (05092123)	0.53173 (07090203)	0.54670 (07090203)	0.55819 (07090203)	0.56852 (06090202)
3757871.3	0.51346 (06090305)	0.52536 (05092123)	0.53721 (05092123)	0.55037 (07090203)	0.56294 (07090203)
3757841.3	0.50829 (06070724)	0.51991 (06090305)	0.53086 (06090305)	0.54134 (05092123)	0.55136 (05092123)
3757811.3	0.51038 (07012323)	0.51872 (07012323)	0.52593 (07012323)	0.53369 (06090305)	0.54304 (06090305)
3757781.3	0.50364 (07012323)	0.51436 (07012323)	0.52338 (07012323)	0.53048 (07012323)	0.53569 (06070724)
3757751.3	0.50419 (06041122)	0.51199 (06041122)	0.51883 (06041122)	0.52439 (06070404)	0.53030 (06121320)
3757721.3	0.50494 (06041122)	0.51272 (06041122)	0.51951 (06041122)	0.52490 (06041122)	0.53237 (06020819)
3757691.3	0.52469 (06020819)	0.53793 (06020819)	0.54823 (06020819)	0.55479 (06020819)	0.55662 (06020819)
3757661.3	0.55007 (06020819)	0.55867 (06020819)	0.56442 (06020819)	0.56678 (06020819)	0.56491 (06020819)
3757631.3	0.55748 (06020819)	0.56309 (06020819)	0.56632 (06020819)	0.56667 (06020819)	0.56344 (06020819)
3757601.3	0.54761 (06020819)	0.55103 (06020819)	0.55252 (06020819)	0.55153 (06020819)	0.55512 (06071502)
3757571.3	0.51822 (07012321)	0.53092 (07012321)	0.54121 (07012321)	0.55310 (07042502)	0.56639 (07042502)
3757541.3	0.52249 (07012321)	0.53497 (05051905)	0.55014 (07042502)	0.56383 (05042623)	0.57617 (05042623)
3757511.3	0.52936 (07042502)	0.54273 (07042502)	0.55782 (05042623)	0.57040 (07081224)	0.58935 (07041703)
3757481.3	0.53467 (05042623)	0.54675 (05042623)	0.56366 (07081224)	0.58330 (07041703)	0.60068 (07081724)
3757451.3	0.53485 (07081224)	0.55309 (07081224)	0.57354 (07041703)	0.59050 (07081724)	0.61135 (05082706)
3757421.3	0.54305 (07041703)	0.55968 (07041703)	0.57752 (06092403)	0.59834 (05082706)	0.61977 (05020107)
3757391.3	0.54390 (07081724)	0.56214 (06092403)	0.58246 (05082706)	0.60368 (05020107)	0.62575 (07092403)
3757361.3	0.54414 (05082706)	0.56520 (07012605)	0.58582 (05020107)	0.60564 (07092403)	0.63091 (06091002)
3757331.3	0.54703 (07012605)	0.56665 (05020107)	0.58450 (07092403)	0.60770 (05030206)	0.63592 (07091601)
3757301.3	0.54671 (05020107)	0.56308 (07092403)	0.58453 (05030206)	0.61068 (07091601)	0.63541 (07090905)
3757271.3	0.54163 (07092403)	0.56168 (05030206)	0.58571 (07091601)	0.60837 (07090905)	0.62902 (07100205)

*** AERMOD - VERSION 09292 *** Site 15 - CO
06/29/10
11:46:58
PAGE 13

**MODELOPTs: NonDEFAULT CONC
FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	372270.44	372300.44	X-COORD (METERS) 372330.44	372360.44	372390.44
3757241.3	0.53950 (05030206)	0.56159 (07091601)	0.58194 (07090905)	0.60163 (05060724)	0.62014 (05102602)
3757211.3	0.54976 (05121721)	0.55648 (07090905)	0.57600 (05060724)	0.59312 (05102602)	0.61993 (07081306)
3757181.3	0.54209 (05121721)	0.55118 (05060724)	0.56641 (05102602)	0.60788 (07081306)	0.61323 (07081306)
3757151.3	0.53301 (05060605)	0.54037 (05102602)	0.59099 (07081306)	0.60935 (07081306)	0.59936 (05083002)
3757121.3	0.53773 (05060605)	0.57046 (07081306)	0.60006 (07081306)	0.58569 (07081306)	0.58930 (06041202)
3757091.3	0.54735 (07081306)	0.58637 (07081306)	0.58517 (07081306)	0.56884 (07041702)	0.61961 (06022502)
3757061.3	0.56924 (07081306)	0.58012 (05050324)	0.58495 (05050324)	0.57705 (06022502)	0.63369 (06022502)
3757031.3	0.57160 (05050324)	0.59296 (05050324)	0.56529 (05050324)	0.60319 (06022502)	0.62746 (06022502)
3757001.3	0.59331 (05050324)	0.58313 (05050324)	0.56707 (06110719)	0.61115 (06022502)	0.60254 (06022502)
3756971.3	0.59323 (05050324)	0.55321 (06110719)	0.58419 (06022502)	0.60076 (06022502)	0.59167 (07103024)

*** AERMOD - VERSION 09292 *** Site 15 - CO
06/29/10
11:46:58
PAGE 14

**MODELOPTs: NonDEFAULT CONC
FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	372420.44	372450.44	X-COORD (METERS) 372480.44	372510.44	372540.44
3758441.3	0.64131 (05072206)	0.61112 (05072206)	0.62914 (07070102)	0.63060 (06090404)	0.63575 (06070502)
3758411.3	0.64761 (05072206)	0.65036 (05072206)	0.63177 (07070102)	0.62054 (06090404)	0.64307 (06070502)
3758381.3	0.63670 (05072206)	0.67457 (05072206)	0.63839 (05072206)	0.63768 (07041624)	0.64187 (06090404)
3758351.3	0.60835 (05072206)	0.68096 (05072206)	0.68138 (05072206)	0.64818 (07041624)	0.66350 (07041624)
3758321.3	0.60760 (05051302)	0.66789 (05072206)	0.70757 (05072206)	0.67025 (06071302)	0.69291 (07041624)
3758291.3	0.61914 (05051302)	0.64547 (05051424)	0.71361 (05072206)	0.71049 (05072206)	0.71116 (07041624)
3758261.3	0.63964 (07031305)	0.65373 (05053023)	0.69767 (05072206)	0.73822 (05072206)	0.72899 (06071302)
3758231.3	0.64818 (06060106)	0.66983 (07031305)	0.69510 (05051424)	0.74317 (05072206)	0.74446 (07030903)
3758201.3	0.67981 (06060106)	0.68241 (07031305)	0.70457 (05053023)	0.74011 (05042123)	0.76277 (05072206)
3758171.3	0.68156 (06060106)	0.69507 (06060106)	0.72046 (07031305)	0.74613 (05051424)	0.77646 (05042123)
3758141.3	0.65484 (06060106)	0.70491 (06060106)	0.71874 (07031305)	0.75414 (05092921)	0.79476 (05042123)
3758111.3	0.64907 (06071403)	0.68545 (07093005)	0.72270 (06060106)	0.76378 (07031305)	0.79798 (05051302)
3758081.3	0.66117 (06122419)	0.67429 (06071403)	0.72091 (07093005)	0.74841 (05072003)	0.80060 (07031305)
3758051.3	0.65133 (06122419)	0.68309 (06122419)	0.69747 (06071403)	0.75305 (07093005)	0.79183 (07031305)

Site #15 – Localized CO Concentrations

Table with 6 columns of CO concentration data for various source IDs (e.g., 3758021.3, 0.64330, 0.67078, etc.). Includes AERMOD - VERSION 09292 and Site 15 - CO information.

**MODELOPTs: NonDEFAULT CONC

FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Table with 6 columns of CO concentration data for various source IDs. Includes Y-COORD (METERS) and X-COORD (METERS) for each source. Includes AERMOD - VERSION 09292 and Site 15 - CO information.

**MODELOPTs: NonDEFAULT CONC

FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Table with 6 columns of CO concentration data for various source IDs. Includes Y-COORD (METERS) and X-COORD (METERS) for each source. Includes AERMOD - VERSION 09292 and Site 15 - CO information.

**MODELOPTs: NonDEFAULT CONC

FLAT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Site #15 – Localized CO Concentrations

NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Table with columns: Y-COORD (METERS), X-COORD (METERS), and 6 columns of CO concentration values for various source IDs.

*** AERMOD - VERSION 09292 *** Site 15 - CO
*** 06/29/10
*** 11:46:58
*** PAGE 18

**MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Table with columns: Y-COORD (METERS), X-COORD (METERS), and 6 columns of CO concentration values for various source IDs.

*** AERMOD - VERSION 09292 *** Site 15 - CO
*** 06/29/10
*** 11:46:58
*** PAGE 19

**MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Table with columns: Y-COORD (METERS), X-COORD (METERS), and 6 columns of CO concentration values for various source IDs.

*** AERMOD - VERSION 09292 *** Site 15 - CO
*** 06/29/10
*** 11:46:58
*** PAGE 20

**MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

Site #15 – Localized CO Concentrations

INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	372870.44	372900.44	X-COORD (METERS) 372930.44	372960.44	372990.44
3758441.3	0.67808 (07040123)	0.63200 (07082905)	0.66283 (07122005)	0.68699 (07122005)	0.61086 (07122005)
3758411.3	0.67784 (07040123)	0.64748 (07082905)	0.68897 (07122005)	0.68575 (07122005)	0.62036 (05091501)
3758381.3	0.69175 (07082905)	0.66029 (07082905)	0.70782 (07122005)	0.67508 (07122005)	0.64137 (05091501)
3758351.3	0.72033 (07082905)	0.68985 (06070803)	0.71820 (07122005)	0.66624 (05091501)	0.65406 (05091501)
3758321.3	0.74716 (07082905)	0.72538 (06070803)	0.71875 (07122005)	0.69817 (05091501)	0.65679 (05091501)
3758291.3	0.77130 (07082905)	0.75693 (06070803)	0.72356 (05020721)	0.72137 (05091501)	0.68519 (05101022)
3758261.3	0.79202 (07082905)	0.78285 (06070803)	0.75150 (05091501)	0.73340 (05091501)	0.72206 (05101022)
3758231.3	0.80810 (07082905)	0.80161 (06070803)	0.78781 (05091501)	0.73558 (05101022)	0.74338 (05101022)
3758201.3	0.84917 (06070803)	0.82037 (05020721)	0.81192 (05091501)	0.78067 (05101022)	0.75747 (07091206)
3758171.3	0.88540 (06070803)	0.85101 (05020721)	0.82090 (05091501)	0.80764 (05101022)	0.77566 (05072924)
3758141.3	0.91249 (06070803)	0.88363 (05091501)	0.83812 (05101022)	0.81915 (07091206)	0.78137 (07052205)
3758111.3	0.92749 (06070803)	0.90497 (05091501)	0.87042 (05101022)	0.83300 (05072924)	0.79171 (06092022)
3758081.3	0.95229 (05020721)	0.90477 (05091501)	0.87691 (07091206)	0.83239 (07052205)	0.78424 (06092022)
3758051.3	0.96846 (06040319)	0.91820 (05101022)	0.88113 (05070724)	0.83365 (06092022)	0.74846 (05072004)
3758021.3	0.96891 (06040319)	0.91912 (05101022)	0.86793 (07052205)	0.80631 (06092022)	0.76898 (05072004)
3757991.3	0.93844 (06040319)	0.90050 (07091206)	0.84798 (06092022)	0.77974 (05072004)	0.75378 (07010319)
3757961.3	0.89738 (05101022)	0.86141 (07052205)	0.79807 (06092022)	0.76523 (05072004)	0.72481 (05060722)
3757931.3	0.86245 (05052224)	0.80785 (06092022)	0.75366 (05072004)	0.73000 (05021522)	0.69656 (05021522)
3757901.3	0.80018 (05080903)	0.74696 (06081604)	0.71852 (05072004)	0.70506 (05021522)	0.66327 (05111007)
3757871.3	0.75614 (07021201)	0.70618 (07040604)	0.69485 (05021522)	0.66151 (05021522)	0.64013 (07110903)
3757841.3	0.70007 (06081604)	0.66119 (05030601)	0.65356 (05021522)	0.62803 (07110903)	0.60689 (05070304)
3757811.3	0.64552 (06011507)	0.61795 (05091506)	0.59494 (07110903)	0.58975 (05070304)	0.59128 (05070304)
3757781.3	0.57172 (05030601)	0.57621 (05122808)	0.55700 (06100823)	0.56977 (05070304)	0.56694 (06042804)
3757751.3	0.51312 (05122808)	0.52014 (06100823)	0.52585 (05070304)	0.53890 (06042804)	0.54136 (05052401)
3757721.3	0.49698 (07070406)	0.52712 (05060606)	0.53916 (05060606)	0.52099 (05060606)	0.52764 (05052401)
3757691.3	0.51616 (07111923)	0.53819 (06052603)	0.54811 (05060606)	0.54091 (05060606)	0.54130 (07081406)
3757661.3	0.56372 (05070104)	0.56516 (06061102)	0.56608 (06052603)	0.57585 (05102701)	0.56378 (05102701)
3757631.3	0.64832 (05070104)	0.62509 (06061102)	0.60423 (06061102)	0.59190 (05102701)	0.59601 (05102701)
3757601.3	0.70989 (05070104)	0.66064 (05101724)	0.66621 (06061102)	0.62070 (07081001)	0.60857 (05102701)
3757571.3	0.76995 (05042906)	0.70764 (05101204)	0.70273 (06061102)	0.67313 (06061102)	0.64107 (07081001)
3757541.3	0.83980 (05042906)	0.75875 (05042906)	0.72928 (06032621)	0.71207 (06061102)	0.66368 (06022824)
3757511.3	0.89076 (06112204)	0.83899 (05042906)	0.77665 (07051301)	0.73636 (05062701)	0.70296 (06090105)
3757481.3	0.93618 (06112204)	0.89543 (05042906)	0.81425 (07051301)	0.77349 (06032621)	0.73206 (05062701)
3757451.3	0.94791 (05082805)	0.91184 (05042906)	0.84574 (07111001)	0.80384 (07051301)	0.75744 (07091204)
3757421.3	0.95387 (07072003)	0.92832 (06112204)	0.87412 (07111001)	0.81397 (07051301)	0.77848 (07033101)
3757391.3	0.96365 (07072003)	0.92565 (07072703)	0.87266 (07101003)	0.82602 (07111001)	0.79026 (06083023)
3757361.3	0.94957 (07072003)	0.91789 (05082805)	0.87806 (07101003)	0.83556 (07111001)	0.77199 (06083023)
3757331.3	0.91650 (07072003)	0.88951 (05082805)	0.86560 (05081906)	0.81539 (07101003)	0.78442 (07111001)
3757301.3	0.90229 (07100824)	0.87633 (07072003)	0.85273 (07072703)	0.81692 (07101003)	0.78137 (07111001)
3757271.3	0.88280 (07100824)	0.85772 (07072003)	0.83177 (05082805)	0.80363 (05081906)	0.75277 (07101003)

*** AERMOD - VERSION 09292 *** *** Site 15 - CO ***

06/29/10
11:46:58
PAGE 21

***MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	372870.44	372900.44	X-COORD (METERS) 372930.44	372960.44	372990.44
3757241.3	0.85442 (07100824)	0.82589 (07072003)	0.79507 (05082805)	0.78462 (07072703)	0.75323 (07101003)
3757211.3	0.82298 (07102806)	0.78411 (07072003)	0.77603 (07072003)	0.76486 (05082805)	0.74029 (05081906)
3757181.3	0.79040 (07102806)	0.77194 (07100824)	0.75968 (07072003)	0.73947 (05082805)	0.71677 (07072703)
3757151.3	0.76223 (07081401)	0.75375 (07100824)	0.73352 (07072003)	0.70195 (05082805)	0.70191 (07072703)
3757121.3	0.73718 (07081401)	0.72980 (07100824)	0.69964 (07072003)	0.68487 (07072003)	0.68193 (05082805)
3757091.3	0.71637 (07122007)	0.71407 (07122007)	0.67292 (05091702)	0.67179 (07072003)	0.65502 (05082805)
3757061.3	0.69595 (07122007)	0.71650 (07122007)	0.66546 (05091702)	0.65098 (07072003)	0.61945 (05082805)
3757031.3	0.67121 (07122007)	0.71271 (07122007)	0.64966 (05091702)	0.65508 (05091702)	0.60674 (07072003)
3757001.3	0.64327 (07122007)	0.70347 (07122007)	0.65627 (07103023)	0.65817 (05091702)	0.59641 (07072003)
3756971.3	0.61289 (07122007)	0.68948 (07122007)	0.66114 (07122007)	0.65290 (05091702)	0.61149 (05091702)

*** AERMOD - VERSION 09292 *** *** Site 15 - CO ***

06/29/10
11:46:58
PAGE 22

***MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	373020.44	373050.44	X-COORD (METERS) 373080.44	373110.44	373140.44
3758441.3	0.62993 (07062524)	0.62947 (05101302)	0.61096 (07091723)	0.55049 (07091206)	0.53676 (07052205)
3758411.3	0.62915 (07062524)	0.63026 (07091723)	0.59084 (07091723)	0.56875 (05072924)	0.54349 (07052205)
3758381.3	0.63914 (05101302)	0.62794 (07091723)	0.59463 (07091206)	0.57816 (07052205)	0.55805 (06092022)
3758351.3	0.64088 (05101302)	0.62746 (05101022)	0.61386 (05072924)	0.58315 (07052205)	0.57353 (06092022)
3758321.3	0.66631 (05101022)	0.64378 (07091206)	0.62381 (07052205)	0.60347 (06092022)	0.57272 (06092022)
3758291.3	0.68281 (05101022)	0.66368 (05072924)	0.62754 (06092022)	0.61370 (06092022)	0.56502 (07070124)
3758261.3	0.69821 (07091206)	0.67357 (07052205)	0.65108 (06092022)	0.60486 (06092022)	0.55442 (05072004)
3758231.3	0.71805 (05072924)	0.68233 (06092022)	0.65383 (06092022)	0.57692 (06092022)	0.59931 (05072004)
3758201.3	0.72676 (07052205)	0.69945 (06092022)	0.63457 (06092022)	0.62176 (05072004)	0.62108 (05072004)
3758171.3	0.73852 (06092022)	0.69179 (06092022)	0.64309 (05072004)	0.65016 (05072004)	0.62480 (07010319)
3758141.3	0.74557 (06092022)	0.66222 (05072004)	0.67890 (05072004)	0.65532 (07010319)	0.63132 (05060722)
3758111.3	0.72393 (06092022)	0.70616 (05072004)	0.68571 (07010319)	0.65759 (05060722)	0.63142 (07070204)
3758081.3	0.73028 (05072004)	0.71667 (05072004)	0.68312 (05060722)	0.65540 (07070204)	0.62880 (05111007)
3758051.3	0.74602 (05072004)	0.70673 (05060722)	0.67796 (07070204)	0.64962 (05111007)	0.62022 (05050323)
3758021.3	0.73281 (07010319)	0.69764 (05060722)	0.66805 (05111007)	0.63812 (05050323)	0.61608 (05042124)
3757991.3	0.71548 (05060722)	0.68252 (05111007)	0.65258 (05050323)	0.62939 (05042124)	0.60636 (06123019)
3757961.3	0.69142 (07070204)	0.66238 (05050323)	0.63812 (05042124)	0.61324 (05042124)	0.62594 (06123019)
3757931.3	0.66580 (07110922)	0.64142 (05042124)	0.61799 (05042124)	0.61909 (06123019)	0.62395 (06123019)
3757901.3	0.64063 (07110922)	0.61850 (05042124)	0.60339 (07100121)	0.61077 (06123019)	0.60703 (06123019)
3757871.3	0.61440 (05121423)	0.60242 (05121423)	0.58980 (06123019)	0.58834 (06123019)	0.57133 (06123019)

Site #15 – Localized CO Concentrations

3757841.3	0.59909 (05070304)	0.58203 (07111321)	0.57140 (07062124)	0.56165 (07062824)	0.54974 (05051502)
3757811.3	0.57915 (06042804)	0.56518 (07062124)	0.55761 (06071723)	0.55028 (05051502)	0.54150 (05051502)
3757781.3	0.55653 (06071723)	0.55220 (06071723)	0.54498 (05051502)	0.54085 (05112020)	0.53471 (06090302)
3757751.3	0.54564 (05052401)	0.54079 (06102422)	0.53627 (06090302)	0.53379 (07072501)	0.52784 (07072501)
3757721.3	0.52660 (06102422)	0.52884 (07040104)	0.53108 (07040104)	0.53013 (05111220)	0.52785 (0707302)
3757691.3	0.54656 (07081406)	0.53856 (07081406)	0.53781 (07081124)	0.53510 (07020421)	0.53093 (07012501)
3757661.3	0.55623 (06092124)	0.55593 (06092124)	0.54692 (07081406)	0.54022 (07081124)	0.53579 (07081124)
3757631.3	0.57765 (05102701)	0.56355 (06040824)	0.55909 (07072424)	0.55244 (07072424)	0.53965 (07072424)
3757601.3	0.60279 (05102701)	0.58626 (06040824)	0.57280 (06040824)	0.55965 (07072424)	0.55222 (07072424)
3757571.3	0.61642 (07090305)	0.60628 (07090305)	0.58951 (06040824)	0.57535 (06040824)	0.55545 (07072424)
3757541.3	0.64741 (07081001)	0.62114 (07090305)	0.60720 (07090305)	0.58745 (06040824)	0.57334 (06040824)
3757511.3	0.66918 (07081001)	0.64518 (07081001)	0.61891 (07090305)	0.60350 (07090305)	0.58071 (06040824)
3757481.3	0.69516 (06090105)	0.66526 (07081001)	0.63758 (07081001)	0.61069 (07090305)	0.59585 (07090305)
3757451.3	0.71755 (06090105)	0.67935 (06090105)	0.65456 (07081001)	0.62630 (07081001)	0.59624 (07090305)
3757421.3	0.73811 (07091204)	0.70046 (06090105)	0.65902 (06090105)	0.63891 (07081001)	0.61237 (07081001)
3757391.3	0.74889 (06032621)	0.71169 (05062701)	0.67845 (06090105)	0.63626 (06090105)	0.61978 (07081001)
3757361.3	0.75518 (06083023)	0.71630 (06032621)	0.68363 (05062701)	0.65402 (06090105)	0.61250 (06090105)
3757331.3	0.74850 (06083023)	0.71772 (07033101)	0.68721 (07091204)	0.65402 (05062701)	0.62874 (06090105)
3757301.3	0.72036 (07111001)	0.71727 (06083023)	0.68369 (07033101)	0.65807 (07091204)	0.62420 (05062701)
3757271.3	0.73488 (07111001)	0.69078 (06083023)	0.68152 (06083023)	0.65098 (06032621)	0.62863 (07091204)

*** AERMOD - VERSION 09292 *** *** Site 15 - CO ***
 *** *** *** *** ***
 06/29/10
 11:46:58
 PAGE 23

***MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	373020.44	373050.44	X-COORD (METERS) 373080.44	373110.44	373140.44
3757241.3	0.72381 (07111001)	0.67841 (07111001)	0.66667 (06083023)	0.64456 (07103022)	0.61943 (06032621)
3757211.3	0.69248 (07101003)	0.68401 (07111001)	0.63324 (07062502)	0.63866 (06083023)	0.61247 (0503101)
3757181.3	0.69266 (07101003)	0.66801 (07111001)	0.63923 (07062502)	0.61209 (07062502)	0.60803 (06083023)
3757151.3	0.68049 (05081906)	0.63693 (07101003)	0.63491 (07111001)	0.63122 (07062502)	0.59003 (06083023)
3757121.3	0.68074 (05010120)	0.63735 (07101003)	0.61600 (07111001)	0.62677 (07062502)	0.61129 (07062502)
3757091.3	0.67273 (05010120)	0.64844 (05010120)	0.60284 (07081801)	0.60020 (05101902)	0.62013 (07062502)
3757061.3	0.64832 (05010120)	0.66084 (05010120)	0.60663 (07081801)	0.60558 (05101902)	0.60697 (07062502)
3757031.3	0.61037 (05010120)	0.65669 (05010120)	0.62101 (05010120)	0.59509 (07081801)	0.59250 (05101902)
3757001.3	0.59704 (07051822)	0.63740 (05010120)	0.63551 (05010120)	0.59758 (07081801)	0.59365 (05101902)
3756971.3	0.59194 (07051822)	0.60511 (05010120)	0.63510 (05010120)	0.59864 (07082105)	0.58299 (07081801)

*** AERMOD - VERSION 09292 *** *** Site 15 - CO ***
 *** *** *** *** ***
 06/29/10
 11:46:58
 PAGE 24

***MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	373170.44	373200.44	X-COORD (METERS) 373230.44	373260.44	373290.44
3758441.3	0.51569 (06092022)	0.51436 (07070124)	0.54866 (07070124)	0.53872 (07070124)	0.49029 (07070124)
3758411.3	0.53456 (06092022)	0.54727 (07070124)	0.55220 (07070124)	0.51451 (07070124)	0.47124 (05072004)
3758381.3	0.53981 (06092022)	0.56017 (07070124)	0.53531 (07070124)	0.48850 (05072004)	0.49387 (07092823)
3758351.3	0.56145 (07070124)	0.55155 (07070124)	0.50568 (05072004)	0.50785 (05072004)	0.53244 (07092823)
3758321.3	0.56195 (07070124)	0.52263 (05072004)	0.53028 (05072004)	0.53771 (07092823)	0.54841 (07092823)
3758291.3	0.54038 (07070124)	0.55318 (05072004)	0.54126 (07092823)	0.55589 (07092823)	0.54107 (07092823)
3758261.3	0.57634 (05072004)	0.56415 (07010319)	0.56159 (07092823)	0.55000 (07092823)	0.51482 (07070204)
3758231.3	0.59210 (05072004)	0.56590 (07010319)	0.55722 (07092823)	0.53653 (07070204)	0.51830 (05111007)
3758201.3	0.59490 (07010319)	0.57969 (05060722)	0.55927 (07070204)	0.53982 (05111007)	0.51743 (05111007)
3758171.3	0.60518 (05060722)	0.58282 (07070204)	0.56186 (05111007)	0.53647 (05111007)	0.52128 (05050323)
3758141.3	0.60699 (07070204)	0.58438 (05111007)	0.55578 (05111007)	0.54023 (05050323)	0.52731 (05042124)
3758111.3	0.60685 (05111007)	0.57813 (05050323)	0.55867 (05050323)	0.54693 (05042124)	0.52686 (05042124)
3758081.3	0.59997 (05050323)	0.57811 (05042124)	0.56497 (05042124)	0.54012 (06123019)	0.56294 (06123019)
3758051.3	0.59874 (05042124)	0.58082 (05042124)	0.57679 (06123019)	0.59289 (06123019)	0.59938 (06123019)
3758021.3	0.59432 (05042124)	0.60463 (05123019)	0.61451 (06123019)	0.61544 (06123019)	0.60838 (06123019)
3757991.3	0.62133 (06123019)	0.62674 (06123019)	0.62372 (06123019)	0.61282 (06123019)	0.59424 (06123019)
3757961.3	0.62959 (06123019)	0.62464 (06123019)	0.61117 (06123019)	0.58921 (06123019)	0.55907 (06123019)
3757931.3	0.61894 (06123019)	0.60389 (06123019)	0.57886 (06123019)	0.54451 (06123019)	0.50797 (07062824)
3757901.3	0.59093 (06123019)	0.56277 (06123019)	0.52910 (07062824)	0.51682 (05051502)	0.50659 (05051502)
3757871.3	0.54799 (07062824)	0.53624 (05051502)	0.52591 (05051502)	0.51351 (05051502)	0.50040 (05112020)
3757841.3	0.54125 (05051502)	0.52957 (05051502)	0.51878 (05112020)	0.50710 (05112020)	0.49729 (06090302)
3757811.3	0.53287 (05112020)	0.52379 (06090302)	0.51432 (06090302)	0.50477 (07072501)	0.49481 (07072501)
3757781.3	0.52756 (07072501)	0.51925 (07072501)	0.50920 (07072501)	0.49767 (07072501)	0.48725 (07042123)
3757751.3	0.52098 (07072702)	0.51410 (07072702)	0.50611 (07072702)	0.49737 (07072702)	0.48811 (07072702)
3757721.3	0.52313 (07070302)	0.51658 (07070302)	0.50870 (07070302)	0.49983 (07070302)	0.49027 (07070302)
3757691.3	0.52631 (07012501)	0.51956 (07012501)	0.51129 (05111220)	0.50273 (05111220)	0.49398 (07070302)
3757661.3	0.52860 (07020421)	0.52180 (07012501)	0.51474 (07012501)	0.50672 (07012501)	0.49791 (07012501)
3757631.3	0.53190 (07081124)	0.52438 (07081124)	0.51535 (07081124)	0.50547 (07020421)	0.49506 (07020421)
3757601.3	0.54079 (07072424)	0.52540 (07072424)	0.51470 (07081124)	0.50626 (07081124)	0.49711 (07081124)
3757571.3	0.54758 (07072424)	0.53711 (07072424)	0.52397 (07072424)	0.50806 (07072424)	0.48936 (07072424)
3757541.3	0.55275 (06040824)	0.53772 (07072424)	0.52862 (07072424)	0.51758 (07072424)	0.50449 (07072424)
3757511.3	0.56757 (06040824)	0.54930 (06040824)	0.52555 (06040824)	0.51318 (07072424)	0.50506 (07072424)
3757481.3	0.57290 (07090305)	0.55761 (06040824)	0.54225 (06040824)	0.52213 (06040824)	0.49713 (06040824)
3757451.3	0.58426 (07090305)	0.56431 (07090305)	0.54230 (06040824)	0.53100 (06040824)	0.51491 (06040824)
3757421.3	0.57562 (07090305)	0.56845 (07090305)	0.55265 (07090305)	0.52920 (07090305)	0.51470 (06040824)
3757391.3	0.59632 (07081001)	0.55882 (07081001)	0.54834 (07090305)	0.53771 (07090305)	0.51903 (07090305)
3757361.3	0.59830 (07081001)	0.57871 (07081001)	0.54497 (07081001)	0.52436 (07090305)	0.51947 (07090305)
3757331.3	0.59435 (07072806)	0.57621 (06022824)	0.56000 (07081001)	0.53034 (07081001)	0.49720 (07090305)
3757301.3	0.60329 (06090105)	0.58783 (07072806)	0.55388 (06022824)	0.54047 (07081001)	0.51512 (07081001)
3757271.3	0.59494 (05062701)	0.59481 (07072806)	0.57906 (07072806)	0.54158 (07072806)	0.52064 (07081001)

*** AERMOD - VERSION 09292 *** *** Site 15 - CO ***
 *** *** *** *** ***
 06/29/10
 11:46:58
 PAGE 25

***MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Site #15 – Localized CO Concentrations

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** CONC OF CO      IN PPM      **
Y-COORD           X-COORD (METERS)
(METERS)          37320.44          37320.44          37320.44          373260.44          373290.44
-----
3757241.3 | 0.59953 (07091204) | 0.57565 (07072806) | 0.58488 (07072806) | 0.56886 (07072806) | 0.53155 (07072806)
3757211.3 | 0.58904 (07091204) | 0.57124 (07091204) | 0.56486 (07072806) | 0.57358 (07072806) | 0.55755 (07072806)
3757181.3 | 0.59132 (06071722) | 0.57724 (06072803) | 0.54464 (05062701) | 0.55313 (07072005) | 0.56123 (07072806)
3757151.3 | 0.59860 (06071722) | 0.58384 (06072803) | 0.56394 (06072803) | 0.53923 (07072005) | 0.54627 (07072005)
3757121.3 | 0.58111 (06071722) | 0.58963 (06071722) | 0.57565 (06072803) | 0.54807 (06072803) | 0.53348 (07072005)
3757091.3 | 0.58237 (07062502) | 0.58049 (06071722) | 0.57626 (06071722) | 0.56452 (06072803) | 0.53030 (06072803)
3757061.3 | 0.60283 (07062502) | 0.55490 (07072724) | 0.57487 (06071722) | 0.55934 (06071722) | 0.55096 (06072803)
3757031.3 | 0.60270 (07062502) | 0.57707 (07062502) | 0.55139 (06071722) | 0.56509 (06071722) | 0.55052 (06072803)
3757001.3 | 0.58250 (07062502) | 0.58865 (07062502) | 0.55381 (07072724) | 0.54974 (06071722) | 0.55197 (06071722)
3756971.3 | 0.58065 (05101902) | 0.58101 (07062502) | 0.56668 (07062502) | 0.53056 (07072724) | 0.54406 (07071722)
*** AERMOD - VERSION 09292 ***   *** Site 15 - CO   ***
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**MODELOPTs: NonDEFAULT CONC          FLAT
NODRYDPLT NOWETDPLT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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** CONC OF CO      IN PPM      **
Y-COORD           X-COORD (METERS)
(METERS)          373320.44          373350.44          373380.44          373410.44          373440.44
-----
3758441.3 | 0.45408 (05072004) | 0.48588 (07092823) | 0.51006 (07092823) | 0.50835 (07092823) | 0.48949 (06090306)
3758411.3 | 0.49041 (07092823) | 0.51841 (07092823) | 0.51931 (07092823) | 0.49772 (06090306) | 0.48919 (05062902)
3758381.3 | 0.52591 (07092823) | 0.52979 (07092823) | 0.50789 (07092823) | 0.49604 (05062902) | 0.48358 (06102522)
3758351.3 | 0.53959 (07092823) | 0.51965 (07092823) | 0.50210 (05062902) | 0.48877 (05062902) | 0.47205 (06102522)
3758321.3 | 0.53088 (07092823) | 0.50725 (05062902) | 0.49419 (05062902) | 0.47591 (06102522) | 0.44225 (06102522)
3758291.3 | 0.51119 (05062902) | 0.49856 (05062902) | 0.47873 (06102522) | 0.44555 (05050323) | 0.45523 (07062424)
3758261.3 | 0.50177 (05062902) | 0.48080 (05111007) | 0.46413 (05050323) | 0.45089 (05050323) | 0.45118 (07062424)
3758231.3 | 0.49887 (05111007) | 0.48306 (05050323) | 0.46621 (05050323) | 0.46095 (05042124) | 0.44902 (05042124)
3758201.3 | 0.50217 (05050323) | 0.48460 (05042124) | 0.47891 (05042124) | 0.46259 (05042124) | 0.45266 (05051501)
3758171.3 | 0.50637 (05042124) | 0.48601 (05042124) | 0.47512 (05042124) | 0.47249 (06123019) | 0.49400 (06123019)
3758141.3 | 0.51209 (05042124) | 0.48657 (05042124) | 0.51077 (06123019) | 0.52701 (06123019) | 0.53495 (06123019)
3758111.3 | 0.52648 (06123019) | 0.54578 (06123019) | 0.55603 (06123019) | 0.55794 (06123019) | 0.55236 (06123019)
3758081.3 | 0.57582 (06123019) | 0.57980 (06123019) | 0.57577 (06123019) | 0.56439 (06123019) | 0.54643 (06123019)
3758051.3 | 0.59744 (06123019) | 0.58776 (06123019) | 0.57106 (06123019) | 0.54787 (06123019) | 0.51891 (06123019)
3758021.3 | 0.59386 (06123019) | 0.57229 (06123019) | 0.54421 (06123019) | 0.51043 (06123019) | 0.47201 (06123019)
3757991.3 | 0.56825 (06123019) | 0.53547 (06123019) | 0.49693 (06123019) | 0.46345 (07062824) | 0.44720 (07062824)
3757961.3 | 0.52164 (06123019) | 0.48588 (07062824) | 0.46799 (07062824) | 0.45802 (05051502) | 0.45012 (05051502)
3757931.3 | 0.49254 (05051502) | 0.48382 (05051502) | 0.47364 (05051502) | 0.46198 (05051502) | 0.44886 (05051502)
3757901.3 | 0.49481 (05051502) | 0.48137 (05051502) | 0.46822 (05112020) | 0.45789 (05112020) | 0.44666 (05112020)
3757871.3 | 0.48943 (05112020) | 0.47731 (05112020) | 0.46562 (06090302) | 0.45611 (06090302) | 0.44613 (06090302)
3757841.3 | 0.48695 (06090302) | 0.47585 (06090302) | 0.46548 (07072501) | 0.45552 (07072501) | 0.44518 (07072501)
3757811.3 | 0.48407 (07072501) | 0.47266 (07072501) | 0.46061 (07072501) | 0.44803 (07072501) | 0.43494 (07072501)
3757781.3 | 0.47715 (07042123) | 0.46674 (07042123) | 0.46510 (07042123) | 0.44530 (07042123) | 0.43439 (07042123)
3757751.3 | 0.47852 (07072702) | 0.46871 (07072702) | 0.45880 (07072702) | 0.44885 (07072702) | 0.43895 (07072702)
3757721.3 | 0.48021 (07070302) | 0.46982 (07070302) | 0.45922 (07070302) | 0.44851 (07070302) | 0.43779 (07070302)
3757691.3 | 0.48490 (07070302) | 0.47555 (07070302) | 0.46600 (07070302) | 0.45635 (07070302) | 0.44667 (07070302)
3757661.3 | 0.48849 (07012501) | 0.47857 (07012501) | 0.46823 (07012501) | 0.45755 (07012501) | 0.44701 (05112200)
3757631.3 | 0.48580 (07012501) | 0.47712 (07012501) | 0.46824 (07012501) | 0.45921 (07012501) | 0.45002 (07012501)
3757601.3 | 0.48727 (07081124) | 0.47675 (07081124) | 0.46615 (07020421) | 0.45566 (07020421) | 0.44467 (07020421)
3757571.3 | 0.48042 (07081124) | 0.47248 (07081124) | 0.46407 (07081124) | 0.45518 (07081124) | 0.44583 (07081124)
3757541.3 | 0.48925 (07072424) | 0.47178 (07072424) | 0.45218 (07072424) | 0.44040 (07081124) | 0.43437 (07081124)
3757511.3 | 0.49507 (07072424) | 0.48319 (07072424) | 0.46941 (07072424) | 0.45370 (07072424) | 0.43609 (07072424)
3757481.3 | 0.48425 (07072424) | 0.47834 (07072424) | 0.47036 (07072424) | 0.46044 (07072424) | 0.44863 (07072424)
3757451.3 | 0.49424 (06040824) | 0.46913 (06040824) | 0.45294 (07072424) | 0.44970 (07072424) | 0.44422 (07072424)
3757421.3 | 0.50340 (06040824) | 0.48734 (06040824) | 0.46684 (06040824) | 0.44225 (06040824) | 0.42089 (07072424)
3757391.3 | 0.49508 (07020222) | 0.48718 (06040824) | 0.47618 (06040824) | 0.46050 (06040824) | 0.44060 (06040824)
3757361.3 | 0.50603 (07090305) | 0.48504 (07090305) | 0.46623 (06040824) | 0.46065 (06040824) | 0.45003 (06040824)
3757331.3 | 0.49827 (07090305) | 0.49028 (07090305) | 0.47836 (07073003) | 0.45934 (07073003) | 0.44089 (06040824)
3757301.3 | 0.48591 (07013006) | 0.48718 (07073003) | 0.48797 (07073003) | 0.48025 (07073003) | 0.46413 (07073003)
3757271.3 | 0.51055 (07013006) | 0.48757 (07013006) | 0.47966 (07073003) | 0.48399 (07073003) | 0.47945 (07073003)
*** AERMOD - VERSION 09292 ***   *** Site 15 - CO   ***
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**MODELOPTs: NonDEFAULT CONC          FLAT
NODRYDPLT NOWETDPLT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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** CONC OF CO      IN PPM      **
Y-COORD           X-COORD (METERS)
(METERS)          373320.44          373350.44          373380.44          373410.44          373440.44
-----
3757241.3 | 0.51619 (07013006) | 0.50895 (07122006) | 0.48762 (07122006) | 0.46828 (07073003) | 0.47673 (07073003)
3757211.3 | 0.52086 (07072806) | 0.51063 (07122006) | 0.50550 (07122006) | 0.48623 (07122006) | 0.45430 (07122006)
3757181.3 | 0.54553 (07072806) | 0.50980 (07072806) | 0.50316 (07122006) | 0.50047 (07122006) | 0.48357 (07122006)
3757151.3 | 0.54830 (07072806) | 0.53314 (07072806) | 0.49842 (07072806) | 0.49417 (07122006) | 0.49406 (07122006)
3757121.3 | 0.53812 (07072005) | 0.53511 (07072806) | 0.52048 (07072806) | 0.48699 (07072806) | 0.48389 (07122006)
3757091.3 | 0.52651 (07072005) | 0.52888 (07072005) | 0.52182 (07072806) | 0.50779 (07072806) | 0.47577 (05082703)
3757061.3 | 0.51130 (06072803) | 0.51861 (07072005) | 0.51911 (07072005) | 0.50854 (07072806) | 0.49513 (07072806)
3757031.3 | 0.53566 (06072803) | 0.51030 (07092704) | 0.51009 (07072005) | 0.50876 (07072005) | 0.49534 (07072806)
3757001.3 | 0.54023 (06072803) | 0.51906 (06072803) | 0.51314 (07092704) | 0.50102 (07072005) | 0.49813 (07072005)
3756971.3 | 0.53615 (06071722) | 0.52817 (06072803) | 0.51730 (07092704) | 0.51369 (07092704) | 0.49160 (07072005)
*** AERMOD - VERSION 09292 ***   *** Site 15 - CO   ***
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**MODELOPTs: NonDEFAULT CONC          FLAT
NODRYDPLT NOWETDPLT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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** CONC OF CO      IN PPM      **

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Site #15 – Localized CO Concentrations

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372922.94	3757605.69	0.66474	(06061102)	372861.54	3757481.08	0.92713	(06112204)
372438.96	3757746.55	0.53415	(06070724)	372431.74	3757838.64	0.56578	(07090203)
372435.35	3757928.94	0.61281	(07030805)				

*** AERMOD - VERSION 09292 *** Site 15 - CO *** 06/29/10
 11:46:58
 PAGE 29

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT
 *** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
 ** CONC OF CO IN PPM **

Y-COORD (METERS)	371970.44	372000.44	X-COORD (METERS) 372030.44	372060.44	372090.44
3758441.3	0.09570 (06071408)	0.09622 (06071408)	0.09429 (06071408)	0.08985 (06071408)	0.08797 (06062808)
3758411.3	0.09400 (06071408)	0.09729 (06071408)	0.09834 (06071408)	0.09684 (06071408)	0.09265 (06071408)
3758381.3	0.08915 (06071408)	0.09486 (06071408)	0.09874 (06071408)	0.10035 (06071408)	0.09933 (06071408)
3758351.3	0.08669 (06110124)	0.08930 (06071408)	0.09556 (06071408)	0.10002 (06071408)	0.10223 (06071408)
3758321.3	0.10195 (06110124)	0.09452 (06110124)	0.08927 (06071408)	0.09607 (06071408)	0.10112 (06071408)
3758291.3	0.11376 (06110124)	0.10924 (06110124)	0.10255 (06110124)	0.09377 (06110124)	0.09638 (06071408)
3758261.3	0.12092 (06110124)	0.11975 (06110124)	0.11636 (06110124)	0.11062 (06110124)	0.10252 (06110124)
3758231.3	0.12307 (06110124)	0.12516 (06110124)	0.12525 (06110124)	0.12313 (06110124)	0.11856 (06110124)
3758201.3	0.12039 (06110124)	0.12542 (06110124)	0.12875 (06110124)	0.13016 (06110124)	0.12939 (06110124)
3758171.3	0.11328 (06110124)	0.12089 (06110124)	0.12708 (06110124)	0.13164 (06110124)	0.13436 (06110124)
3758141.3	0.10806 (07020624)	0.11198 (06110124)	0.12069 (06110124)	0.12804 (06110124)	0.13380 (06110124)
3758111.3	0.12488 (07020624)	0.12317 (07020624)	0.12061 (07020624)	0.11978 (06110124)	0.12828 (06110124)
3758081.3	0.14031 (07020624)	0.14055 (07020624)	0.13987 (07020624)	0.13820 (07020624)	0.13546 (07020624)
3758051.3	0.15228 (07020624)	0.15488 (07020624)	0.15666 (07020624)	0.15750 (07020624)	0.15725 (07020624)
3758021.3	0.15901 (07020624)	0.16395 (07020624)	0.16838 (07020624)	0.17210 (07020624)	0.17494 (07020624)
3757991.3	0.15974 (07020624)	0.16658 (07020624)	0.17329 (07020624)	0.17969 (07020624)	0.18558 (07020624)
3757961.3	0.15478 (07020624)	0.16287 (07020624)	0.17115 (07020624)	0.17952 (07020624)	0.18783 (07020624)
3757931.3	0.14516 (07020624)	0.15386 (07020624)	0.16297 (07020624)	0.17247 (07020624)	0.18227 (07020624)
3757901.3	0.13191 (07020624)	0.14080 (07020624)	0.15020 (07020624)	0.16015 (07020624)	0.17062 (07020624)
3757871.3	0.11869 (07030608)	0.12456 (07020624)	0.13395 (07020624)	0.14394 (07020624)	0.15458 (07020624)
3757841.3	0.11388 (07030608)	0.11924 (07030608)	0.12474 (07030608)	0.13035 (07030608)	0.13604 (07030608)
3757811.3	0.11135 (07101208)	0.11468 (07101208)	0.11816 (07101208)	0.12323 (07030608)	0.12979 (07030608)
3757781.3	0.11256 (07101208)	0.11703 (05122608)	0.12223 (05122608)	0.12772 (05122608)	0.13353 (05122608)
3757751.3	0.11558 (05122608)	0.12080 (05122608)	0.12633 (05122608)	0.13218 (05122608)	0.13836 (05122608)
3757721.3	0.11447 (05122608)	0.11960 (05122608)	0.12504 (05122608)	0.13082 (05122608)	0.13695 (05122608)
3757691.3	0.10919 (05122608)	0.11388 (05122608)	0.11888 (05122608)	0.12421 (05122608)	0.12990 (05122608)
3757661.3	0.10061 (05122608)	0.10463 (05122608)	0.10891 (05122608)	0.11351 (05122608)	0.11845 (05122608)
3757631.3	0.09459 (05083108)	0.09993 (05083108)	0.10562 (05083108)	0.11167 (05083108)	0.11808 (05083108)
3757601.3	0.10051 (05083108)	0.10569 (05083108)	0.11112 (05083108)	0.11679 (05083108)	0.12270 (05083108)
3757571.3	0.10287 (05083108)	0.10750 (05083108)	0.11226 (05083108)	0.11713 (05083108)	0.12209 (05083108)
3757541.3	0.10222 (06012508)	0.10998 (07031308)	0.12004 (07031308)	0.12997 (07031308)	0.13960 (07031308)
3757511.3	0.11890 (07031308)	0.12786 (07031308)	0.13652 (07031308)	0.14477 (07031308)	0.15250 (07031308)
3757481.3	0.13324 (07031308)	0.14061 (07031308)	0.14750 (07031308)	0.15386 (07031308)	0.15966 (07031308)
3757451.3	0.14243 (07031308)	0.14802 (07031308)	0.15306 (07031308)	0.15752 (07031308)	0.16138 (07031308)
3757421.3	0.14646 (07031308)	0.15017 (07031308)	0.15325 (07031308)	0.15566 (07031308)	0.15735 (07031308)
3757391.3	0.14522 (07031308)	0.14684 (07031308)	0.14768 (07031308)	0.14767 (07031308)	0.14672 (07031308)
3757361.3	0.13835 (07031308)	0.13756 (07031308)	0.13582 (07031308)	0.13672 (07101908)	0.14341 (07081408)
3757331.3	0.12563 (07031308)	0.12483 (07101908)	0.13134 (07081408)	0.13980 (06011108)	0.14880 (06011108)
3757301.3	0.12067 (07081408)	0.12776 (06011108)	0.13581 (06011108)	0.14309 (06011108)	0.14932 (06011108)
3757271.3	0.12451 (06011108)	0.13106 (06011108)	0.13670 (06011108)	0.14120 (06011108)	0.15265 (06053108)

*** AERMOD - VERSION 09292 *** Site 15 - CO *** 06/29/10
 11:46:58
 PAGE 30

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT
 *** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
 ** CONC OF CO IN PPM **

Y-COORD (METERS)	371970.44	372000.44	X-COORD (METERS) 372030.44	372060.44	372090.44
3757241.3	0.12570 (06011108)	0.12984 (06011108)	0.13279 (06011108)	0.15312 (06053108)	0.17746 (06053108)
3757211.3	0.12268 (06011108)	0.13001 (06053108)	0.15322 (06053108)	0.17625 (06053108)	0.19771 (06053108)
3757181.3	0.13087 (06053108)	0.15300 (06053108)	0.17477 (06053108)	0.19488 (06053108)	0.21208 (06053108)
3757151.3	0.15251 (06053108)	0.17305 (06053108)	0.19187 (06053108)	0.20779 (06053108)	0.21972 (06053108)
3757121.3	0.17114 (06053108)	0.18871 (06053108)	0.20340 (06053108)	0.21415 (06053108)	0.22005 (06053108)
3757091.3	0.18545 (06053108)	0.19895 (06053108)	0.20858 (06053108)	0.21346 (06053108)	0.21281 (06053108)
3757061.3	0.19447 (06053108)	0.20304 (06053108)	0.20696 (06053108)	0.20555 (06053108)	0.19829 (06053108)
3757031.3	0.19753 (06053108)	0.20057 (06053108)	0.19849 (06053108)	0.19087 (06053108)	0.17777 (06053108)
3757001.3	0.19431 (06053108)	0.19161 (06053108)	0.18372 (06053108)	0.17073 (06053108)	0.15328 (06053108)
3756971.3	0.18496 (06053108)	0.17683 (06053108)	0.16400 (06053108)	0.14712 (06053108)	0.12729 (06053108)

*** AERMOD - VERSION 09292 *** Site 15 - CO *** 06/29/10
 11:46:58
 PAGE 31

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT
 *** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
 ** CONC OF CO IN PPM **

Y-COORD (METERS)	372120.44	372150.44	X-COORD (METERS) 372180.44	372210.44	372240.44
3758441.3	0.09643 (06062808)	0.10204 (06062808)	0.10391 (06062808)	0.10150 (06062808)	0.09714 (05082508)
3758411.3	0.09277 (06062808)	0.10153 (06062808)	0.10710 (06062808)	0.10854 (06062808)	0.10529 (06062808)
3758381.3	0.09544 (06071408)	0.09795 (06062808)	0.10701 (06062808)	0.11251 (06062808)	0.11343 (06062808)
3758351.3	0.10172 (06071408)	0.09818 (06071408)	0.10356 (06062808)	0.11291 (06062808)	0.11829 (06062808)
3758321.3	0.10393 (06071408)	0.10398 (06071408)	0.10084 (06071408)	0.10963 (06062808)	0.11928 (06062808)
3758291.3	0.10201 (06071408)	0.10542 (06071408)	0.10605 (06071408)	0.10336 (06071408)	0.11622 (06062808)
3758261.3	0.09648 (06071408)	0.10266 (06071408)	0.10668 (06071408)	0.10790 (06071408)	0.10932 (06062808)
3758231.3	0.11142 (06110124)	0.10172 (06110124)	0.10308 (06071408)	0.10767 (06071408)	0.10948 (06071408)

Site #15 – Localized CO Concentrations

Table with 7 columns of CO concentration data for various source IDs and locations. Includes a summary row: *** AERMOD - VERSION 09292 *** Site 15 - CO with time and date stamps.

**MODELOPTs: NonDEFAULT CONC

FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Table with 7 columns of CO concentration data for source group ALL. Includes a summary row: *** AERMOD - VERSION 09292 *** Site 15 - CO with time and date stamps.

**MODELOPTs: NonDEFAULT CONC

FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Table with 7 columns of CO concentration data for source group ALL. Includes a summary row: *** AERMOD - VERSION 09292 *** Site 15 - CO with time and date stamps.

Site #15 - Localized CO Concentrations

3757301.3 | 0.25866 (06053108) 0.26465 (06053108) 0.26271 (06053108) 0.25144 (06053108) 0.24513 (07091108)
3757271.3 | 0.25764 (06053108) 0.25487 (06053108) 0.24314 (06053108) 0.22719 (07091108) 0.23465 (05051808)
*** AERMOD - VERSION 09292 *** *** Site 15 - CO ***

06/29/10
11:46:58
PAGE 34

**MODELOPTs: NonDEFAULT CONC
FLAT
NODRYDPLT NOWETDPLT
*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
** CONC OF CO IN PPM **
Y-COORD | X-COORD (METERS)
(METERS) | 372270.44 372300.44 372330.44 372360.44 372390.44

3757241.3 | 0.24675 (06053108) 0.23460 (06053108) 0.21340 (06053108) 0.21796 (05051808) 0.22699 (05051808)
3757211.3 | 0.22597 (06053108) 0.20509 (06053108) 0.20260 (05051808) 0.21245 (05051808) 0.21296 (05051808)
3757181.3 | 0.19688 (06053108) 0.18851 (05051808) 0.19888 (05051808) 0.20133 (05051808) 0.19401 (05051808)
3757151.3 | 0.17557 (05051808) 0.18623 (05051808) 0.19021 (05051808) 0.18570 (05051808) 0.17622 (05041608)
3757121.3 | 0.17448 (05051808) 0.17962 (05051808) 0.17742 (05051808) 0.16682 (05051808) 0.16870 (05041608)
3757091.3 | 0.16957 (05051808) 0.16925 (05051808) 0.16147 (05051808) 0.15639 (05041608) 0.15962 (05041608)
3757061.3 | 0.16127 (05051808) 0.15586 (05051808) 0.14519 (05041608) 0.14898 (05041608) 0.14965 (05041608)
3757031.3 | 0.15010 (05051808) 0.14028 (05051808) 0.13917 (05041608) 0.14062 (05041608) 0.13945 (05041608)
3757001.3 | 0.13673 (05051808) 0.13019 (05041608) 0.13213 (05041608) 0.13187 (05041608) 0.12948 (05041608)
3756971.3 | 0.12198 (05041608) 0.12425 (05041608) 0.12458 (05041608) 0.12318 (05041608) 0.11999 (05041608)
*** AERMOD - VERSION 09292 *** *** Site 15 - CO ***

06/29/10
11:46:58
PAGE 35

**MODELOPTs: NonDEFAULT CONC
FLAT
NODRYDPLT NOWETDPLT
*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
** CONC OF CO IN PPM **
Y-COORD | X-COORD (METERS)
(METERS) | 372420.44 372450.44 372480.44 372510.44 372540.44

3758441.3 | 0.09982 (05042124) 0.10999 (07070108) 0.11617 (07070108) 0.11340 (06070508) 0.11186 (06070508)
3758411.3 | 0.10865 (05042124) 0.10613 (07070108) 0.11774 (07070108) 0.11578 (07070108) 0.11640 (06070508)
3758381.3 | 0.11575 (05042124) 0.10913 (05042124) 0.11685 (07070108) 0.12079 (07070108) 0.12184 (06090508)
3758351.3 | 0.12055 (05042124) 0.11886 (05042124) 0.11340 (07070108) 0.12347 (07070108) 0.12675 (06090508)
3758321.3 | 0.12248 (05042124) 0.12646 (05042124) 0.11976 (05042124) 0.12347 (07070108) 0.13069 (06090508)
3758291.3 | 0.12890 (06121424) 0.13118 (05042124) 0.13047 (05042124) 0.12057 (07070108) 0.13332 (06090508)
3758261.3 | 0.13988 (06121424) 0.13426 (06121424) 0.13848 (05042124) 0.13189 (05042124) 0.13419 (06090508)
3758231.3 | 0.14794 (06121424) 0.14803 (06121424) 0.14290 (05042124) 0.14361 (05042124) 0.13386 (05110124)
3758201.3 | 0.15204 (06121424) 0.15877 (06121424) 0.15583 (06121424) 0.15186 (05042124) 0.14560 (05042124)
3758171.3 | 0.16321 (06062808) 0.16507 (06121424) 0.16985 (06121424) 0.16285 (06121424) 0.15823 (05042124)
3758141.3 | 0.17018 (06062808) 0.17307 (06062808) 0.17899 (06121424) 0.18084 (06121424) 0.16850 (06121424)
3758111.3 | 0.16980 (06062808) 0.18151 (06062808) 0.18401 (06062808) 0.19357 (06121424) 0.19122 (06121424)
3758081.3 | 0.16253 (06062808) 0.18175 (06062808) 0.19403 (06062808) 0.19897 (06121424) 0.20840 (06121424)
3758051.3 | 0.14954 (06062808) 0.17447 (06062808) 0.19484 (06062808) 0.20803 (06062808) 0.21715 (06121424)
3758021.3 | 0.15127 (06110124) 0.16108 (06062808) 0.18747 (06062808) 0.20921 (06062808) 0.22398 (06062808)
3757991.3 | 0.16154 (06110124) 0.15812 (06110124) 0.17371 (06062808) 0.20158 (06062808) 0.22506 (06062808)
3757961.3 | 0.21070 (07020624) 0.19948 (07020624) 0.18400 (07020624) 0.19035 (06020224) 0.21685 (06062808)
3757931.3 | 0.25413 (07020624) 0.25098 (07020624) 0.24425 (07020624) 0.23269 (07020624) 0.21608 (06020224)
3757901.3 | 0.27792 (07020624) 0.28125 (07020624) 0.28234 (07020624) 0.28027 (07020624) 0.27353 (07020624)
3757871.3 | 0.28444 (07020624) 0.29107 (07020624) 0.29570 (07020624) 0.29776 (07020624) 0.29611 (07020624)
3757841.3 | 0.28110 (07020624) 0.29012 (07020624) 0.29662 (07020624) 0.30003 (07020624) 0.29934 (07020624)
3757811.3 | 0.27086 (07020624) 0.28316 (07020624) 0.29246 (07020624) 0.29793 (07020624) 0.29852 (07020624)
3757781.3 | 0.25231 (07020624) 0.26877 (07020624) 0.28234 (07020624) 0.29164 (07020624) 0.29515 (07020624)
3757751.3 | 0.23418 (05122608) 0.24815 (07030608) 0.26330 (07030608) 0.27806 (07030608) 0.29170 (07030608)
3757721.3 | 0.23481 (07030608) 0.25251 (07030608) 0.26959 (07030608) 0.28555 (07030608) 0.30018 (07030608)
3757691.3 | 0.22841 (05122608) 0.24404 (05020508) 0.26395 (05020508) 0.28291 (05020508) 0.30043 (07030608)
3757661.3 | 0.23586 (05020508) 0.25410 (05020508) 0.27174 (05020508) 0.28821 (05020508) 0.32092 (06111808)
3757631.3 | 0.23460 (05020508) 0.25063 (05020508) 0.27447 (06111808) 0.30944 (06111808) 0.34933 (06111808)
3757601.3 | 0.23892 (06111808) 0.26593 (06111808) 0.29731 (06111808) 0.33343 (06111808) 0.37341 (06111808)
3757571.3 | 0.25594 (06111808) 0.28375 (06111808) 0.31570 (06111808) 0.35160 (06111808) 0.38976 (06111808)
3757541.3 | 0.26668 (06111808) 0.29348 (06111808) 0.32329 (06111808) 0.35490 (06111808) 0.38545 (06111808)
3757511.3 | 0.26857 (06011108) 0.29280 (05020108) 0.32812 (05020108) 0.36074 (05020108) 0.38856 (05020108)
3757481.3 | 0.27891 (05020108) 0.31057 (05020108) 0.33946 (05020108) 0.36302 (05020108) 0.37711 (05020108)
3757451.3 | 0.29326 (05020108) 0.31783 (05020108) 0.33642 (05020108) 0.34504 (05020108) 0.36193 (05030208)
3757421.3 | 0.29633 (05020108) 0.31018 (05020108) 0.31869 (07091108) 0.33320 (07091108) 0.33864 (05051808)
3757391.3 | 0.28517 (05020108) 0.29565 (07091108) 0.30912 (07091108) 0.31554 (05051808) 0.32134 (05041608)
3757361.3 | 0.27378 (07091108) 0.28616 (07091108) 0.29328 (05051808) 0.29466 (05051808) 0.30966 (05041608)
3757331.3 | 0.26478 (07091108) 0.27229 (05051808) 0.27647 (05051808) 0.27835 (05041608) 0.29044 (05041608)
3757301.3 | 0.25273 (05051808) 0.25903 (05051808) 0.25006 (05051808) 0.26495 (05041608) 0.26646 (05041608)
3757271.3 | 0.24253 (05051808) 0.23744 (05051808) 0.24081 (05041608) 0.24709 (05041608) 0.24023 (05041608)
*** AERMOD - VERSION 09292 *** *** Site 15 - CO ***

06/29/10
11:46:58
PAGE 36

**MODELOPTs: NonDEFAULT CONC
FLAT
NODRYDPLT NOWETDPLT
*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
** CONC OF CO IN PPM **
Y-COORD | X-COORD (METERS)
(METERS) | 372420.44 372450.44 372480.44 372510.44 372540.44

3757241.3 | 0.22503 (05051808) 0.21875 (05041608) 0.22757 (05041608) 0.22666 (05041608) 0.21376 (05041608)
3757211.3 | 0.20220 (05051808) 0.20896 (05041608) 0.21167 (05041608) 0.20527 (05041608) 0.18850 (05041608)
3757181.3 | 0.19179 (05041608) 0.19661 (05041608) 0.19449 (05041608) 0.18427 (05041608) 0.16697 (05032508)
3757151.3 | 0.18216 (05041608) 0.18276 (05041608) 0.17712 (05041608) 0.16442 (05041608) 0.16422 (05032508)
3757121.3 | 0.17096 (05041608) 0.16839 (05041608) 0.16036 (05041608) 0.14620 (05041608) 0.15927 (05041608)
3757091.3 | 0.15903 (05041608) 0.15425 (05041608) 0.14467 (05041608) 0.14327 (05032508) 0.15272 (05032508)
3757061.3 | 0.14706 (05041608) 0.14081 (05041608) 0.13024 (05041608) 0.14010 (05032508) 0.14502 (05032508)
3757031.3 | 0.13550 (05041608) 0.12830 (05041608) 0.12685 (05111124) 0.13552 (05032508) 0.13661 (05032508)
3757001.3 | 0.12465 (05041608) 0.11677 (05041608) 0.12619 (05111124) 0.12993 (05032508) 0.12786 (05032508)
3756971.3 | 0.11458 (05041608) 0.11430 (05111124) 0.12381 (05111124) 0.12363 (05032508) 0.11901 (05032508)
*** AERMOD - VERSION 09292 *** *** Site 15 - CO ***
06/29/10

Site #15 – Localized CO Concentrations

*** 11:46:58
PAGE 37

**MODELOPTs: NonDEFAULT CONC
FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): AREAL , ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	372570.44	372600.44	X-COORD (METERS) 372630.44	372660.44	372690.44
3758441.3	0.11256 (06090508)	0.11205 (06090508)	0.10839 (06090508)	0.10857 (07050908)	0.14695 (07050908)
3758411.3	0.11982 (06090508)	0.12008 (06090508)	0.11663 (06090508)	0.10998 (07050908)	0.15133 (07050908)
3758381.3	0.12734 (06090508)	0.12880 (06090508)	0.12581 (06090508)	0.11731 (06090508)	0.15583 (07050908)
3758351.3	0.13494 (06090508)	0.13819 (06090508)	0.13603 (06090508)	0.12747 (06090508)	0.16045 (07050908)
3758321.3	0.14233 (06090508)	0.14810 (06090508)	0.14735 (06090508)	0.13897 (06090508)	0.16516 (07050908)
3758291.3	0.14914 (06090508)	0.15834 (06090508)	0.15974 (06090508)	0.15200 (06090508)	0.16996 (07050908)
3758261.3	0.15493 (06090508)	0.16857 (06090508)	0.17313 (06090508)	0.16670 (06090508)	0.17482 (07050908)
3758231.3	0.15916 (06090508)	0.17833 (06090508)	0.18731 (06090508)	0.18320 (06090508)	0.17970 (07050908)
3758201.3	0.16127 (06090508)	0.18704 (06090508)	0.20189 (06090508)	0.20149 (06090508)	0.18456 (07050908)
3758171.3	0.16065 (06090508)	0.19394 (06090508)	0.21634 (06090508)	0.22141 (06090508)	0.20487 (06090508)
3758141.3	0.16072 (05042124)	0.19825 (06090508)	0.22986 (06090508)	0.24259 (06090508)	0.22937 (06090508)
3758111.3	0.17397 (05042124)	0.19903 (06090508)	0.24143 (06090508)	0.26436 (06090508)	0.25688 (06090508)
3758081.3	0.20014 (06121424)	0.19545 (06090508)	0.24990 (06090508)	0.28575 (06090508)	0.28699 (06090508)
3758051.3	0.22272 (06121424)	0.20620 (06121424)	0.25377 (06090508)	0.30545 (06090508)	0.31890 (06090508)
3758021.3	0.23562 (06121424)	0.23495 (06121424)	0.25163 (06090508)	0.32179 (06090508)	0.35132 (06090508)
3757991.3	0.24254 (06062808)	0.25276 (06121424)	0.26014 (07071408)	0.33269 (06090508)	0.38247 (06090508)
3757961.3	0.24264 (06062808)	0.26432 (06062808)	0.28358 (07071408)	0.33659 (06090508)	0.41022 (06090508)
3757931.3	0.23333 (06062808)	0.26197 (06062808)	0.29800 (05110124)	0.34466 (05110124)	0.43216 (06090508)
3757901.3	0.25971 (07020624)	0.25109 (06020224)	0.29850 (05110124)	0.35717 (05110124)	0.44045 (06090508)
3757871.3	0.28866 (07020624)	0.27195 (07020624)	0.29238 (05061508)	0.34244 (05110124)	0.42071 (06090508)
3757841.3	0.29464 (05072408)	0.28653 (05072408)	0.29929 (06092808)	0.33818 (06092808)	0.38419 (06090508)
3757811.3	0.30002 (05072408)	0.31322 (05122608)	0.32164 (05122608)	0.32958 (05092708)	0.34805 (05110124)
3757781.3	0.30351 (05122608)	0.31795 (05122608)	0.32662 (05012208)	0.33288 (05092708)	0.31745 (05110124)
3757751.3	0.31012 (05012208)	0.33094 (05012208)	0.34408 (06121408)	0.34514 (06121408)	0.31115m(05041208)
3757721.3	0.31343 (07030608)	0.33406 (06111808)	0.36966 (06111808)	0.36707 (06111808)	0.34119 (06112508)
3757691.3	0.33042 (06111808)	0.37392 (06111808)	0.40484 (06111808)	0.40085 (06013008)	0.38038 (06112508)
3757661.3	0.36396 (06111808)	0.40537 (06111808)	0.43071 (06111808)	0.42863 (06112508)	0.40727 (06112508)
3757631.3	0.39173 (06111808)	0.42968 (06111808)	0.44926 (06111808)	0.45653 (06112508)	0.42603 (06112508)
3757601.3	0.41387 (06111808)	0.44771 (06111808)	0.46192 (06111808)	0.47701 (06112508)	0.43941 (06112508)
3757571.3	0.42626 (06111808)	0.45438 (06111808)	0.46228 (06111808)	0.49190 (06112508)	0.44836 (06112508)
3757541.3	0.41121 (05020108)	0.43837 (05030208)	0.45990 (06112508)	0.48199 (06112508)	0.42565 (06112508)
3757511.3	0.41114 (05030208)	0.42833 (05030208)	0.45508 (05041608)	0.45283 (05041608)	0.39790 (05032508)
3757481.3	0.39555 (05030208)	0.41288 (05041608)	0.43820 (05041608)	0.40525 (05041608)	0.37614 (05032508)
3757451.3	0.36652 (05041608)	0.40218 (05041608)	0.39958 (05041608)	0.34590 (05041608)	0.34919 (07081508)
3757421.3	0.36106 (05041608)	0.37481 (05041608)	0.35007 (05041608)	0.31923 (05032508)	0.36116 (07081508)
3757391.3	0.34278 (05041608)	0.33733 (05041608)	0.29807 (05041608)	0.29906 (05032508)	0.36748 (07081508)
3757361.3	0.31563 (05041608)	0.29578 (05041608)	0.26934 (05032508)	0.27527 (05032508)	0.36952 (07081508)
3757331.3	0.28374 (05041608)	0.25435 (05041608)	0.25629 (05032508)	0.24955 (05032508)	0.36835 (07081508)
3757301.3	0.25041 (05041608)	0.22801 (05032508)	0.23965 (05032508)	0.23342 (07081508)	0.36472 (07081508)
3757271.3	0.21805 (05041608)	0.21989 (05032508)	0.22089 (05032508)	0.23736 (07081508)	0.35930 (07081508)

*** AERMOD - VERSION 09292 *** Site 15 - CO *** 06/29/10
11:46:58
PAGE 38

**MODELOPTs: NonDEFAULT CONC
FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): AREAL , ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	372570.44	372600.44	X-COORD (METERS) 372630.44	372660.44	372690.44
3757241.3	0.19434 (05032508)	0.20862 (05032508)	0.20126 (05032508)	0.23948 (07081508)	0.35256 (07081508)
3757211.3	0.18946 (05032508)	0.19527 (05032508)	0.18171 (05032508)	0.24010 (07081508)	0.34489 (07081508)
3757181.3	0.18196 (05032508)	0.18078 (05032508)	0.17320 (05102624)	0.23946 (07081508)	0.33661 (07081508)
3757151.3	0.17257 (05032508)	0.16590 (05032508)	0.16727 (05102624)	0.23781 (07081508)	0.32795 (07081508)
3757121.3	0.16198 (05032508)	0.15121 (05032508)	0.16214 (07081508)	0.23535 (07081508)	0.31914 (07081508)
3757091.3	0.15078 (05032508)	0.14197 (05102624)	0.16323 (07081508)	0.23226 (07081508)	0.31030 (07081508)
3757061.3	0.13940 (05032508)	0.13843 (05102624)	0.16359 (07081508)	0.22871 (07081508)	0.30154 (07081508)
3757031.3	0.12819 (05032508)	0.13430 (05102624)	0.16334 (07081508)	0.22481 (07081508)	0.29294 (07081508)
3757001.3	0.11792 (05102624)	0.12976 (05102624)	0.16257 (07081508)	0.22068 (07081508)	0.28455 (07081508)
3756971.3	0.11584 (05102624)	0.12493 (05102624)	0.16139 (07081508)	0.21639 (07081508)	0.27641 (07081508)

*** AERMOD - VERSION 09292 *** Site 15 - CO *** 06/29/10
11:46:58
PAGE 39

**MODELOPTs: NonDEFAULT CONC
FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): AREAL , ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	372720.44	372750.44	X-COORD (METERS) 372780.44	372810.44	372840.44
3758441.3	0.17681 (07050908)	0.18877 (07050908)	0.17861 (07050908)	0.15676 (07072608)	0.13171 (07072608)
3758411.3	0.18399 (07050908)	0.19738 (07050908)	0.18664 (07050908)	0.15980 (07072608)	0.13293 (07072608)
3758381.3	0.19161 (07050908)	0.20662 (07050908)	0.19524 (07050908)	0.16274 (07072608)	0.13423 (06072208)
3758351.3	0.19969 (07050908)	0.21651 (07050908)	0.20446 (07050908)	0.16767 (07050908)	0.14032 (06072208)
3758321.3	0.20825 (07050908)	0.22712 (07050908)	0.21437 (07050908)	0.17450 (07050908)	0.14857 (06070808)
3758291.3	0.21733 (07050908)	0.23849 (07050908)	0.22499 (07050908)	0.18175 (07050908)	0.15970 (06070808)
3758261.3	0.22693 (07050908)	0.25068 (07050908)	0.23639 (07050908)	0.18945 (07050908)	0.17138 (06070808)
3758231.3	0.23708 (07050908)	0.26369 (07050908)	0.24861 (07050908)	0.19763 (07050908)	0.18347 (06070808)
3758201.3	0.24778 (07050908)	0.27754 (07050908)	0.26166 (07050908)	0.20631 (07050908)	0.19573 (06070808)
3758171.3	0.25903 (07050908)	0.29220 (07050908)	0.27555 (07050908)	0.21552 (07050908)	0.20791 (06070808)
3758141.3	0.27078 (07050908)	0.30758 (07050908)	0.29022 (07050908)	0.22527 (07050908)	0.21962 (06070808)
3758111.3	0.28294 (07050908)	0.32344 (07050908)	0.30554 (07050908)	0.23583 (06072208)	0.23042 (06070808)
3758081.3	0.29534 (07050908)	0.33944 (07050908)	0.32124 (07050908)	0.25250 (06070224)	0.24271 (06070224)
3758051.3	0.30765 (07050908)	0.35491 (07050908)	0.33678 (07050908)	0.27391 (06070224)	0.25755 (06070224)

Site #15 – Localized CO Concentrations

NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	372870.44		372900.44		372930.44		372960.44		372990.44	
X-COORD (METERS)										
3757241.3	0.18267	(07081608)	0.15915	(07120808)	0.16887	(05081908)	0.17378	(05081908)	0.15952	(05081908)
3757211.3	0.18579	(07081608)	0.15449	(07120808)	0.15387	(05081908)	0.16586	(05081908)	0.15919	(05081908)
3757181.3	0.18793	(07081608)	0.14898	(07120808)	0.13810	(05081908)	0.15566	(05081908)	0.15617	(05081908)
3757151.3	0.18921	(07081608)	0.14293	(07120808)	0.12448	(07120808)	0.14382	(05081908)	0.15066	(05081908)
3757121.3	0.18975	(07081608)	0.13657	(07120808)	0.12208	(07120808)	0.13097	(05081908)	0.14301	(05081908)
3757091.3	0.18965	(07081608)	0.13009	(07120808)	0.11903	(07120808)	0.11774	(05081908)	0.13373	(05081908)
3757061.3	0.18901	(07081608)	0.12427	(07081608)	0.11553	(07120808)	0.10466	(05081908)	0.12337	(05081908)
3757031.3	0.18792	(07081608)	0.12644	(07081608)	0.11170	(07120808)	0.09845	(07120808)	0.11242	(05081908)
3757001.3	0.18643	(07081608)	0.12813	(07081608)	0.10768	(07120808)	0.09676	(07120808)	0.10134	(05081908)
3756971.3	0.18461	(07081608)	0.12938	(07081608)	0.10355	(07120808)	0.09472	(05081908)	0.09049	(05081908)

*** AERMOD - VERSION 09292 *** *** Site 15 - CO ***
 *** *** ***
 ***/29/10
 11:46:58
 PAGE 43

***MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	373020.44		373050.44		373080.44		373110.44		373140.44	
X-COORD (METERS)										
3758441.3	0.10849	(05091508)	0.10920	(07091724)	0.11452	(07091724)	0.10836	(07091724)	0.09381	(07091724)
3758411.3	0.11158	(05091508)	0.11572	(07091724)	0.11601	(07091724)	0.10522	(07091724)	0.08760	(07091724)
3758381.3	0.11416	(05091508)	0.12031	(07091724)	0.11525	(07091724)	0.10019	(07091724)	0.08028	(07091724)
3758351.3	0.12005	(07091724)	0.12258	(07091724)	0.11219	(07091724)	0.09352	(07091724)	0.08457	(05030608)
3758321.3	0.12578	(07091724)	0.12232	(07091724)	0.10698	(07091724)	0.08927	(05011624)	0.09409	(05030608)
3758291.3	0.12899	(07091724)	0.11946	(07091724)	0.09994	(07091724)	0.09719	(05030608)	0.10341	(05072008)
3758261.3	0.12937	(07091724)	0.11417	(07091724)	0.10269	(05011624)	0.10677	(05030608)	0.12020	(05072008)
3758231.3	0.12688	(07091724)	0.11283	(05011624)	0.11155	(05030608)	0.12520	(05072008)	0.13506	(05072008)
3758201.3	0.12389	(05091508)	0.11889	(05011624)	0.13049	(05072008)	0.14207	(05072008)	0.14628	(05072008)
3758171.3	0.13182	(05011624)	0.13606	(05072008)	0.14965	(05072008)	0.15504	(05072008)	0.15242	(05072008)
3758141.3	0.14185	(05072008)	0.15785	(05072008)	0.16461	(05072008)	0.16238	(05072008)	0.15271	(05072008)
3758111.3	0.16665	(05072008)	0.17507	(05072008)	0.17325	(05072008)	0.16316	(05072008)	0.14715	(05072008)
3758081.3	0.18648	(05072008)	0.18514	(05072008)	0.17452	(05072008)	0.16049	(06101008)	0.17511	(06101008)
3758051.3	0.19808	(05072008)	0.18682	(05072008)	0.18506	(06101008)	0.19871	(06101008)	0.20590	(06101008)
3758021.3	0.20005	(05072008)	0.21377	(06101008)	0.22507	(06101008)	0.22894	(06101008)	0.22692	(06101008)
3757991.3	0.24642	(06101008)	0.25342	(06101008)	0.25257	(06101008)	0.24612	(06101008)	0.23563	(06101008)
3757961.3	0.28213	(06101008)	0.27546	(06101008)	0.26425	(06101008)	0.24987	(06101008)	0.23312	(06101008)
3757931.3	0.29618	(06101008)	0.28076	(06101008)	0.26305	(06101008)	0.24336	(06101008)	0.22208	(06101008)
3757901.3	0.29589	(06101008)	0.27567	(06101008)	0.25336	(06101008)	0.22931	(06101008)	0.20422	(06101008)
3757871.3	0.28844	(06101008)	0.26360	(06101008)	0.23652	(06101008)	0.20818	(06101008)	0.17983	(06101008)
3757841.3	0.27421	(06101008)	0.24367	(06101008)	0.21152	(06101008)	0.17953	(06101008)	0.16076	(06042808)
3757811.3	0.25042	(06101008)	0.21380	(06101008)	0.18775	(05022824)	0.17755	(05022824)	0.16759	(05022824)
3757781.3	0.21431	(06101008)	0.20086	(05022824)	0.18980	(05022824)	0.17864	(05022824)	0.16744	(05022824)
3757751.3	0.21433	(06081808)	0.19685	(05022824)	0.18419	(05022824)	0.17138	(05022824)	0.15948	(05111224)
3757721.3	0.21620	(06081808)	0.19377	(06081808)	0.17277	(06081808)	0.16285	(05111224)	0.15682	(05111224)
3757691.3	0.20586	(06081808)	0.18172	(06081808)	0.16956	(06051424)	0.16028	(06051424)	0.15142	(06051424)
3757661.3	0.18424	(06051424)	0.17315	(06051424)	0.16281	(06051424)	0.15325	(06051424)	0.14441	(06051424)
3757631.3	0.18521	(06051408)	0.15887	(06051408)	0.14794	(06051424)	0.13877	(06051424)	0.13060	(06051424)
3757601.3	0.19512	(06051408)	0.17267	(06051408)	0.14999	(06051408)	0.12984	(06030808)	0.11742	(06030808)
3757571.3	0.19168	(06051408)	0.17422	(06051408)	0.15597	(06051408)	0.13765	(05070408)	0.12226	(06030808)
3757541.3	0.19203	(05070408)	0.17731	(05070408)	0.16278	(05070408)	0.14784	(05070408)	0.13253	(05070408)
3757511.3	0.18890	(05090408)	0.17773	(05090408)	0.16426	(05090408)	0.15199	(05070408)	0.13970	(05070408)
3757481.3	0.18522	(05090408)	0.17973	(05090408)	0.17037	(05090408)	0.15881	(05090408)	0.14640	(05090408)
3757451.3	0.17318	(05090408)	0.17418	(05090408)	0.17003	(05090408)	0.16229	(05090408)	0.15253	(05090408)
3757421.3	0.16430	(05031408)	0.16172	(05090408)	0.16347	(05090408)	0.16045	(05090408)	0.15411	(05090408)
3757391.3	0.15427	(05031408)	0.14411	(05031408)	0.15069	(05090408)	0.15315	(05090408)	0.15121	(05090408)
3757361.3	0.14218	(05031408)	0.13657	(05031408)	0.13249	(05090408)	0.14008	(05090408)	0.14318	(05090408)
3757331.3	0.13783	(06072808)	0.12764	(05031408)	0.12149	(05031408)	0.12252	(05090408)	0.12991	(05090408)
3757301.3	0.14287	(06072808)	0.12369	(06072808)	0.11497	(05031408)	0.10862	(05031408)	0.11318	(05090408)
3757271.3	0.14447	(06072808)	0.12799	(06072808)	0.11398	(06071724)	0.11150	(06071724)	0.10270	(07072008)

*** AERMOD - VERSION 09292 *** *** Site 15 - CO ***
 *** *** ***
 ***/29/10
 11:46:58
 PAGE 44

***MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	373020.44		373050.44		373080.44		373110.44		373140.44	
X-COORD (METERS)										
3757241.3	0.14303	(06072808)	0.12932	(06072808)	0.11583	(06072808)	0.11215	(06071724)	0.10745	(06071724)
3757211.3	0.13938	(06072808)	0.12818	(06072808)	0.11665	(06072808)	0.10823	(06071724)	0.10944	(06071724)
3757181.3	0.14145	(05081908)	0.12537	(06072808)	0.11533	(06072808)	0.10630	(06072808)	0.10712	(06071724)
3757151.3	0.14226	(05081908)	0.12282	(05081908)	0.11272	(06072808)	0.10462	(06072808)	0.10064	(06071724)
3757121.3	0.14073	(05081908)	0.12626	(05081908)	0.10963	(06072808)	0.10184	(06072808)	0.09590	(06072808)
3757091.3	0.13697	(05081908)	0.12779	(05081908)	0.10983	(05081908)	0.09879	(06072808)	0.09279	(06072808)
3757061.3	0.13129	(05081908)	0.12726	(05081908)	0.11342	(05081908)	0.09602	(06072808)	0.08949	(06072808)
3757031.3	0.12407	(05081908)	0.12479	(05081908)	0.11536	(05081908)	0.09888	(05081908)	0.08661	(06072808)
3757001.3	0.11573	(05081908)	0.12062	(05081908)	0.11552	(05081908)	0.10248	(05081908)	0.08500	(05081908)
3756971.3	0.10672	(05081908)	0.11500	(05081908)	0.11400	(05081908)	0.10463	(05081908)	0.08958	(05081908)

*** AERMOD - VERSION 09292 *** *** Site 15 - CO ***
 *** *** ***
 ***/29/10
 11:46:58
 PAGE 45

***MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

Site #15 – Localized CO Concentrations

INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	373170.44	373200.44	X-COORD (METERS) 373230.44	373260.44	373290.44
3758441.3	0.07538 (07091724)	0.07324 (07070124)	0.07871 (07070124)	0.08013 (05072008)	0.08915 (05072008)
3758411.3	0.07367 (05030608)	0.08045 (05030608)	0.08311 (05030608)	0.09189 (05072008)	0.09874 (05072008)
3758381.3	0.08272 (05030608)	0.08693 (05030608)	0.09467 (05072008)	0.10264 (05072008)	0.10644 (05072008)
3758351.3	0.09062 (05030608)	0.09752 (05072008)	0.10672 (05072008)	0.11146 (05072008)	0.11152 (05072008)
3758321.3	0.10042 (05072008)	0.11099 (05072008)	0.11679 (05072008)	0.11748 (05072008)	0.11343 (05072008)
3758291.3	0.11547 (05072008)	0.12247 (05072008)	0.12388 (05072008)	0.12003 (05072008)	0.11187 (05072008)
3758261.3	0.12855 (05072008)	0.13077 (05072008)	0.12717 (05072008)	0.11875 (05072008)	0.10688 (05072008)
3758231.3	0.13821 (05072008)	0.13490 (05072008)	0.12621 (05072008)	0.11364 (05072008)	0.10156 (07070508)
3758201.3	0.14329 (05072008)	0.13431 (05072008)	0.12098 (05072008)	0.11119 (07070508)	0.11847 (07070508)
3758171.3	0.14312 (05072008)	0.12898 (05072008)	0.12196 (07070508)	0.13180 (06101008)	0.13945 (06101008)
3758141.3	0.13768 (05072008)	0.13654 (06101008)	0.14724 (06101008)	0.15433 (06101008)	0.15792 (06101008)
3758111.3	0.15443 (06101008)	0.16474 (06101008)	0.17075 (06101008)	0.17277 (06101008)	0.17124 (06101008)
3758081.3	0.18435 (06101008)	0.18858 (06101008)	0.18839 (06101008)	0.18447 (06101008)	0.17754 (06101008)
3758051.3	0.20748 (06101008)	0.20441 (06101008)	0.19760 (06101008)	0.18794 (06101008)	0.17623 (06101008)
3758021.3	0.22034 (06101008)	0.21028 (06101008)	0.19766 (06101008)	0.18331 (06101008)	0.16796 (06101008)
3757991.3	0.22215 (06101008)	0.20654 (06101008)	0.18954 (06101008)	0.17187 (06101008)	0.15413 (06101008)
3757961.3	0.21461 (06101008)	0.19499 (06101008)	0.17496 (06101008)	0.15516 (06101008)	0.13610 (06101008)
3757931.3	0.19983 (06101008)	0.17733 (06101008)	0.15532 (06101008)	0.13664 (07062124)	0.12614 (07062124)
3757901.3	0.17900 (06101008)	0.15456 (06101008)	0.13710 (07062124)	0.13254 (05071508)	0.12928 (05071508)
3757871.3	0.15266 (06101008)	0.14335 (05071508)	0.13919 (05071508)	0.13496 (05071508)	0.13063 (05071508)
3757841.3	0.15178 (05022824)	0.14383 (05022824)	0.13860 (05071508)	0.13338 (05071508)	0.12792 (05071508)
3757811.3	0.15782 (05022824)	0.14822 (05022824)	0.13881 (05022824)	0.12965 (05022824)	0.12082 (05022824)
3757781.3	0.15631 (05022824)	0.14541 (05022824)	0.13522 (05111224)	0.12881 (05111224)	0.12260 (05111224)
3757751.3	0.15325 (05111224)	0.14696 (05111224)	0.14069 (05111224)	0.13451 (05111224)	0.12848 (05111224)
3757721.3	0.15073 (05111224)	0.14470 (05111224)	0.13879 (05111224)	0.13307 (05111224)	0.12755 (05111224)
3757691.3	0.14340 (05111224)	0.13764 (05111224)	0.13219 (05111224)	0.12705 (05111224)	0.12221 (05111224)
3757661.3	0.13623 (06051424)	0.12863 (06051424)	0.12298 (05111224)	0.11857 (05111224)	0.11447 (05111224)
3757631.3	0.12328 (06051424)	0.11667 (06051424)	0.11169 (05111224)	0.10811 (05111224)	0.10478 (05111224)
3757601.3	0.10879 (07090708)	0.10374 (07072424)	0.09967 (07081124)	0.09742 (07081124)	0.09517 (07081124)
3757571.3	0.11179 (06030808)	0.10163 (06030808)	0.09278 (07090708)	0.08974 (07072424)	0.08670 (07072424)
3757541.3	0.11729 (05070408)	0.10434 (06030808)	0.09591 (06030808)	0.08835 (07110708)	0.08570 (07110708)
3757511.3	0.12675 (05070408)	0.11357 (05070408)	0.10070 (05070408)	0.08922 (06030808)	0.08387 (07110708)
3757481.3	0.13392 (05090408)	0.12154 (05090408)	0.10914 (05090408)	0.09781 (05070408)	0.08709 (05070408)
3757451.3	0.14192 (05090408)	0.13112 (05090408)	0.12028 (05090408)	0.10926 (05090408)	0.09790 (05090408)
3757421.3	0.14590 (05090408)	0.13687 (05090408)	0.12761 (05090408)	0.11820 (05090408)	0.10851 (05090408)
3757391.3	0.14614 (05090408)	0.13927 (05090408)	0.13161 (05090408)	0.12367 (05090408)	0.11553 (05090408)
3757361.3	0.14229 (05090408)	0.13844 (05090408)	0.13282 (05090408)	0.12634 (05090408)	0.11953 (05090408)
3757331.3	0.13354 (05090408)	0.13364 (05090408)	0.13100 (05090408)	0.12656 (05090408)	0.12118 (05090408)
3757301.3	0.12024 (05090408)	0.12426 (05090408)	0.12526 (05090408)	0.12375 (05090408)	0.12047 (05090408)
3757271.3	0.10452 (05090408)	0.11115 (05090408)	0.11539 (05090408)	0.11714 (05090408)	0.11667 (05090408)

*** AERMOD - VERSION 09292 *** Site 15 - CO *** 06/29/10 ***

11:46:58
PAGE 46

***MODELOPTs: NonDEFAULT CONC FLAT

NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	373170.44	373200.44	X-COORD (METERS) 373230.44	373260.44	373290.44
3757241.3	0.09973 (07072008)	0.09656 (05090408)	0.10268 (05090408)	0.10698 (05090408)	0.10931 (05090408)
3757211.3	0.10290 (06071724)	0.09682 (07072008)	0.09300 (07072008)	0.09485 (05090408)	0.09908 (05090408)
3757181.3	0.10607 (06071724)	0.09803 (06071724)	0.09394 (07072008)	0.09018 (07072008)	0.08901 (07013008)
3757151.3	0.10521 (06071724)	0.10220 (06071724)	0.09297 (06071724)	0.09112 (07072008)	0.08740 (07072008)
3757121.3	0.10036 (06071724)	0.10266 (06071724)	0.09799 (06071724)	0.08894 (07092708)	0.08924 (07092708)
3757091.3	0.09197 (06071724)	0.09931 (06071724)	0.09960 (06071724)	0.09354 (06071724)	0.08910 (07092708)
3757061.3	0.08545 (06072808)	0.09248 (06071724)	0.09763 (06071724)	0.09615 (06071724)	0.08896 (06071724)
3757031.3	0.08179 (06072808)	0.08288 (06071724)	0.09227 (06071724)	0.09542 (06071724)	0.09243 (06071724)
3757001.3	0.07856 (06072808)	0.07555 (06072808)	0.08407 (06071724)	0.09144 (06071724)	0.09280 (06071724)
3756971.3	0.07618 (06072808)	0.07263 (07062508)	0.07387 (06071724)	0.08460 (06071724)	0.09008 (06071724)

*** AERMOD - VERSION 09292 *** Site 15 - CO *** 06/29/10 ***

11:46:58
PAGE 47

***MODELOPTs: NonDEFAULT CONC FLAT

NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN PPM **

Y-COORD (METERS)	373320.44	373350.44	X-COORD (METERS) 373380.44	373410.44	373440.44
3758441.3	0.09500 (05072008)	0.09724 (05072008)	0.09591 (05072008)	0.09147 (05072008)	0.08461 (05072008)
3758411.3	0.10170 (05072008)	0.10076 (05072008)	0.09637 (05072008)	0.08926 (05072008)	0.08032 (05072008)
3758381.3	0.10596 (05072008)	0.10164 (05072008)	0.09427 (05072008)	0.08481 (05072008)	0.07423 (05072008)
3758351.3	0.10731 (05072008)	0.09968 (05072008)	0.08967 (05072008)	0.07837 (05072008)	0.07936 (07070508)
3758321.3	0.10554 (05072008)	0.09495 (05072008)	0.08286 (05072008)	0.08574 (07070508)	0.09124 (07070508)
3758291.3	0.10066 (05072008)	0.10066 (05072008)	0.08773 (07070508)	0.09813 (07070508)	0.10125 (07070508)
3758261.3	0.09303 (05072008)	0.10053 (07070508)	0.10562 (07070508)	0.10947 (06101008)	0.11333 (06101008)
3758231.3	0.10907 (07070508)	0.11425 (06101008)	0.11987 (06101008)	0.12331 (06101008)	0.12468 (06101008)
3758201.3	0.12612 (06101008)	0.13140 (06101008)	0.13417 (06101008)	0.13459 (06101008)	0.13293 (06101008)
3758171.3	0.14410 (06101008)	0.14587 (06101008)	0.14502 (06101008)	0.14194 (06101008)	0.13702 (06101008)
3758141.3	0.15828 (06101008)	0.15580 (06101008)	0.15099 (06101008)	0.14434 (06101008)	0.13638 (06101008)
3758111.3	0.16673 (06101008)	0.15987 (06101008)	0.15127 (06101008)	0.14150 (06101008)	0.13105 (06101008)
3758081.3	0.16836 (06101008)	0.15761 (06101008)	0.14591 (06101008)	0.13378 (06101008)	0.12162 (06101008)
3758051.3	0.16321 (06101008)	0.14952 (06101008)	0.13568 (06101008)	0.12208 (06101008)	0.11121 (07062124)
3758021.3	0.15226 (06101008)	0.13671 (06101008)	0.12167 (06101008)	0.11428 (07062124)	0.10745 (07062124)
3757991.3	0.13685 (06101008)	0.12405 (07062124)	0.11607 (07062124)	0.10815 (07062124)	0.10037 (07062124)
3757961.3	0.12573 (07062124)	0.11658 (07062124)	0.10895 (05071508)	0.10783 (05071508)	0.10641 (05071508)
3757931.3	0.12092 (05071508)	0.11872 (05071508)	0.11631 (05071508)	0.11370 (05071508)	0.11089 (05071508)
3757901.3	0.12590 (05071508)	0.12238 (05071508)	0.11871 (05071508)	0.11487 (05071508)	0.11087 (05071508)
3757871.3	0.12615 (05071508)	0.12151 (05071508)	0.11669 (05071508)	0.11170 (05071508)	0.10658 (05071508)

Site #15 – Localized CO Concentrations

3757841.3	0.12224 (05071508)	0.11636 (05071508)	0.11032 (05071508)	0.10419 (05071508)	0.09803 (05071508)
3757811.3	0.11367 (05071508)	0.10648 (05071508)	0.09930 (05071508)	0.09223 (05071508)	0.08535 (05071508)
3757781.3	0.11664 (05111224)	0.11094 (05111224)	0.10550 (05111224)	0.10035 (05111224)	0.09548 (05111224)
3757751.3	0.12264 (05111224)	0.11703 (05111224)	0.11168 (05111224)	0.10659 (05111224)	0.10176 (05111224)
3757721.3	0.12227 (05111224)	0.11723 (05111224)	0.11244 (05111224)	0.10788 (05111224)	0.10355 (05111224)
3757691.3	0.11765 (05111224)	0.11335 (05111224)	0.10928 (05111224)	0.10543 (05111224)	0.10178 (05111224)
3757661.3	0.11064 (05111224)	0.10705 (05111224)	0.10368 (05111224)	0.10050 (05111224)	0.09748 (05111224)
3757631.3	0.10167 (05111224)	0.09874 (05111224)	0.09600 (05111224)	0.09340 (05111224)	0.09094 (05111224)
3757601.3	0.09291 (07081124)	0.09064 (07081124)	0.08836 (07081124)	0.08604 (07081124)	0.08370 (07081124)
3757571.3	0.08502 (07081124)	0.08350 (07081124)	0.08194 (07081124)	0.08034 (07081124)	0.07871 (07081124)
3757541.3	0.08291 (07110708)	0.07997 (07110708)	0.07687 (07110708)	0.07359 (07110708)	0.07106 (07081124)
3757511.3	0.08199 (07110708)	0.07993 (07110708)	0.07770 (07110708)	0.07529 (07110708)	0.07271 (07110708)
3757481.3	0.07770 (07110708)	0.07678 (07110708)	0.07558 (07110708)	0.07415 (07110708)	0.07250 (07110708)
3757451.3	0.08627 (05090408)	0.07587 (05070408)	0.07005 (07110708)	0.06983 (07110708)	0.06927 (07110708)
3757421.3	0.09835 (05090408)	0.08775 (05090408)	0.07694 (05090408)	0.06656 (05070408)	0.06285 (07110708)
3757391.3	0.10705 (05090408)	0.09805 (05090408)	0.08849 (05090408)	0.07854 (05090408)	0.06857 (05090408)
3757361.3	0.11249 (05090408)	0.10509 (05090408)	0.09714 (05090408)	0.08858 (05090408)	0.07950 (05090408)
3757331.3	0.11537 (05090408)	0.10928 (05090408)	0.10281 (05090408)	0.09581 (05090408)	0.08815 (05090408)
3757301.3	0.11614 (05090408)	0.11127 (05090408)	0.10602 (05090408)	0.10037 (05090408)	0.09418 (05090408)
3757271.3	0.11450 (05090408)	0.11121 (05090408)	0.10722 (05090408)	0.10276 (05090408)	0.09785 (05090408)

*** AERMOD - VERSION 09292 *** Site 15 - CO *** 06/29/10
 *** 11:46:58
 PAGE 48

MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,
 *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Y-COORD (METERS)	373320.44	373350.44	X-COORD (METERS) 373380.44	373410.44	373440.44
3757241.3	0.10976 (05090408)	0.10862 (05090408)	0.10632 (05090408)	0.10321 (05090408)	0.09951 (05090408)
3757211.3	0.10182 (05090408)	0.10302 (05090408)	0.10281 (05090408)	0.10146 (05090408)	0.09921 (05090408)
3757181.3	0.09500 (07013008)	0.09757 (07013008)	0.09699 (07013008)	0.09710 (05090408)	0.09661 (05090408)
3757151.3	0.08518 (07013008)	0.09145 (07013008)	0.09449 (07013008)	0.09449 (07013008)	0.09179 (07013008)
3757121.3	0.08484 (07092708)	0.08145 (07013008)	0.08791 (07013008)	0.09137 (07013008)	0.09189 (07013008)
3757091.3	0.08849 (07092708)	0.08337 (07092708)	0.07784 (07013008)	0.08443 (07013008)	0.08823 (07013008)
3757061.3	0.08894 (07092708)	0.08747 (07092708)	0.08173 (07092708)	0.07436 (07013008)	0.08102 (07013008)
3757031.3	0.08612 (07092708)	0.08850 (07092708)	0.08625 (07092708)	0.07994 (07092708)	0.07103 (07013008)
3757001.3	0.08851 (06071724)	0.08633 (07092708)	0.08782 (07092708)	0.08484 (07092708)	0.07806 (07092708)
3756971.3	0.08986 (06071724)	0.08448 (06071724)	0.08626 (07092708)	0.08692 (07092708)	0.08328 (07092708)

*** AERMOD - VERSION 09292 *** Site 15 - CO *** 06/29/10
 *** 11:46:58
 PAGE 49

MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
372922.94	3757605.69	0.26838 (05081208)	372861.54	3757481.08	0.26698 (05081508)
372438.96	3757746.55	0.24367 (07030608)	372431.74	3757838.64	0.28424 (07020624)
372435.35	3757928.94	0.25587 (07020624)			

*** AERMOD - VERSION 09292 *** Site 15 - CO *** 06/29/10
 *** 11:46:58
 PAGE 50

MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT

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

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL HIGH 1ST HIGH VALUE IS	1.06469	ON 07070206: AT (	372780.44, 3758141.30, 10.00, 10.00, 0.00)	GC	UCART1

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR
 *** AERMOD - VERSION 09292 *** Site 15 - CO *** 06/29/10
 *** 11:46:58
 PAGE 51

MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT

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

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL HIGH 1ST HIGH VALUE IS	0.60872	ON 07081508: AT (	372750.44, 3757451.30, 10.00, 10.00, 0.00)	GC	UCART1

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR
 *** AERMOD - VERSION 09292 *** Site 15 - CO *** 06/29/10
 *** 11:46:58
 PAGE 52

MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT

Site #15 – Localized CO Concentrations

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

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

A Total of 0 Fatal Error Message(s)
A Total of 0 Warning Message(s)
A Total of 152 Informational Message(s)

A Total of 26280 Hours Were Processed

A Total of 15 Calm Hours Identified

A Total of 137 Missing Hours Identified (0.52 Percent)

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

***** WARNING MESSAGES *****
*** NONE ***

*** AERMOD Finishes Successfully ***

Site #15 – Localized NO2 Concentrations

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**
** AERMOD Input Produced by:
** AERMOD View Ver. 6.5.0
** Lakes Environmental Software Inc.
** Date: 6/29/2010
** File: c:\Documents and Settings\ssilverman\Desktop\Site 15\NO2.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
TITLEONE Site 15 - NO2
MODELOPT CONC NODRYDPLT NOWETDPLT FLAT
AVERTIME 1 ANNUAL
URBANOPT 9862049 Los_Angeles_County
POLLUTID NOX
RUNORNOT RUN
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION AREAL AREA 372695.400 3757574.990 0.0
** DESCRSRC Exhuast
** Source Parameters **
SRCPARAM AREAL 1.97E-06 4.100 135.440 299.009 0.000
URBANSRC AREAL
CONCUNIT 531.5 GRAMS/SEC PPM
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
GRIDCART UCART1 STA
XYINC 371970.44 50 30.00 3756971.30 50 30.00
GRIDCART UCART1 END
** DESCRREC ** **
DISCCART 372922.94 3757605.69
DISCCART 372861.54 3757481.08
DISCCART 372438.96 3757746.55
DISCCART 372431.74 3757838.64
DISCCART 372435.35 3757928.94
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
SURFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC"
PROFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL"
SURFDATA 0 2005
UAIRDATA 3190 2005
PROFBASE 10 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 1 1ST
** Auto-Generated Plotfiles
PLOTFILE 1 ALL 1ST NO2.AD\01HIGALL.PLT
PLOTFILE ANNUAL ALL NO2.AD\AN0GALL.PLT
OU FINISHED

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

*** AERMOD - VERSION 09292 *** ** Site 15 - NO2 ***
*** **
*** **
**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

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

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

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

**Model Uses URBAN Dispersion Algorithm for the SBL for 1 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 9862049.0 ; Urban Roughness Length = 1.000 m

**Model Allows User-Specified Options:
1. Stack-tip Downwash.
2. Model Assumes Receptors on FLAT Terrain.
```


Site #15 – Localized NO2 Concentrations

3757481.30	0.00020	0.00021	0.00023	0.00025	0.00027	0.00030	0.00032	0.00035	0.00039
3757451.30	0.00021	0.00022	0.00024	0.00026	0.00028	0.00031	0.00033	0.00036	0.00040
3757421.30	0.00021	0.00023	0.00025	0.00027	0.00029	0.00031	0.00034	0.00037	0.00040
3757391.30	0.00022	0.00024	0.00025	0.00027	0.00029	0.00031	0.00034	0.00036	0.00039
3757361.30	0.00022	0.00024	0.00026	0.00027	0.00029	0.00031	0.00034	0.00036	0.00038
3757331.30	0.00023	0.00024	0.00026	0.00027	0.00029	0.00031	0.00033	0.00035	0.00037
3757301.30	0.00023	0.00024	0.00026	0.00027	0.00029	0.00030	0.00032	0.00033	0.00035
3757271.30	0.00023	0.00024	0.00025	0.00027	0.00028	0.00029	0.00031	0.00032	0.00033

*** AERMOD - VERSION 09292 *** *** Site 15 - NO2 *** 06/29/10
 *** 13:04:55
 *** PAGE 9

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
 AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	371970.44	372000.44	372030.44	372060.44	372090.44	372120.44	372150.44	372180.44	372210.44
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3757241.30	0.00022	0.00023	0.00025	0.00026	0.00027	0.00028	0.00029	0.00030	0.00031
3757211.30	0.00022	0.00023	0.00024	0.00025	0.00026	0.00027	0.00027	0.00028	0.00029
3757181.30	0.00021	0.00022	0.00023	0.00024	0.00025	0.00025	0.00026	0.00026	0.00026
3757151.30	0.00021	0.00021	0.00022	0.00023	0.00023	0.00024	0.00024	0.00024	0.00024
3757121.30	0.00020	0.00020	0.00021	0.00021	0.00022	0.00022	0.00022	0.00022	0.00022
3757091.30	0.00019	0.00019	0.00020	0.00020	0.00020	0.00021	0.00021	0.00021	0.00020
3757061.30	0.00018	0.00018	0.00019	0.00019	0.00019	0.00019	0.00019	0.00019	0.00019
3757031.30	0.00017	0.00017	0.00018	0.00018	0.00018	0.00018	0.00017	0.00017	0.00017
3757001.30	0.00016	0.00016	0.00016	0.00016	0.00016	0.00016	0.00016	0.00016	0.00015
3756971.30	0.00015	0.00015	0.00015	0.00015	0.00015	0.00015	0.00015	0.00014	0.00014

*** AERMOD - VERSION 09292 *** *** Site 15 - NO2 *** 06/29/10
 *** 13:04:55
 *** PAGE 10

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
 AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	372240.44	372270.44	372300.44	372330.44	372360.44	372390.44	372420.44	372450.44	372480.44
------------------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------

3758441.30	0.00004	0.00004	0.00005	0.00005	0.00005	0.00005	0.00006	0.00006	0.00006
3758411.30	0.00004	0.00005	0.00005	0.00005	0.00005	0.00006	0.00006	0.00006	0.00006
3758381.30	0.00004	0.00005	0.00005	0.00005	0.00006	0.00006	0.00006	0.00006	0.00007
3758351.30	0.00005	0.00005	0.00005	0.00005	0.00006	0.00006	0.00006	0.00007	0.00007
3758321.30	0.00005	0.00005	0.00005	0.00006	0.00006	0.00006	0.00007	0.00007	0.00008
3758291.30	0.00005	0.00005	0.00006	0.00006	0.00006	0.00007	0.00007	0.00008	0.00008
3758261.30	0.00005	0.00005	0.00006	0.00006	0.00007	0.00007	0.00008	0.00008	0.00009
3758231.30	0.00005	0.00006	0.00006	0.00006	0.00007	0.00007	0.00008	0.00009	0.00009
3758201.30	0.00006	0.00006	0.00006	0.00007	0.00007	0.00008	0.00008	0.00009	0.00010
3758171.30	0.00006	0.00006	0.00007	0.00007	0.00008	0.00008	0.00009	0.00010	0.00010
3758141.30	0.00006	0.00007	0.00007	0.00007	0.00008	0.00009	0.00009	0.00010	0.00011
3758111.30	0.00007	0.00007	0.00007	0.00008	0.00009	0.00009	0.00010	0.00011	0.00012
3758081.30	0.00007	0.00007	0.00008	0.00008	0.00009	0.00010	0.00011	0.00012	0.00013
3758051.30	0.00008	0.00008	0.00009	0.00009	0.00010	0.00011	0.00012	0.00013	0.00014
3758021.30	0.00008	0.00009	0.00009	0.00010	0.00011	0.00012	0.00013	0.00014	0.00015
3757991.30	0.00009	0.00010	0.00010	0.00011	0.00012	0.00013	0.00014	0.00015	0.00017
3757961.30	0.00010	0.00011	0.00011	0.00012	0.00013	0.00014	0.00015	0.00017	0.00019
3757931.30	0.00011	0.00012	0.00013	0.00014	0.00015	0.00016	0.00018	0.00019	0.00022
3757901.30	0.00012	0.00013	0.00014	0.00015	0.00017	0.00018	0.00020	0.00023	0.00025
3757871.30	0.00014	0.00015	0.00016	0.00018	0.00019	0.00021	0.00024	0.00027	0.00030
3757841.30	0.00015	0.00017	0.00018	0.00020	0.00022	0.00025	0.00028	0.00032	0.00037
3757811.30	0.00017	0.00019	0.00021	0.00023	0.00026	0.00029	0.00033	0.00038	0.00045
3757781.30	0.00019	0.00021	0.00024	0.00027	0.00030	0.00034	0.00039	0.00046	0.00055
3757751.30	0.00022	0.00024	0.00027	0.00030	0.00035	0.00040	0.00046	0.00054	0.00065
3757721.30	0.00024	0.00027	0.00031	0.00035	0.00040	0.00046	0.00053	0.00063	0.00076
3757691.30	0.00027	0.00031	0.00034	0.00039	0.00045	0.00052	0.00061	0.00072	0.00086
3757661.30	0.00030	0.00034	0.00038	0.00043	0.00050	0.00058	0.00067	0.00079	0.00094
3757631.30	0.00033	0.00037	0.00042	0.00048	0.00054	0.00063	0.00073	0.00085	0.00100
3757601.30	0.00036	0.00040	0.00045	0.00051	0.00058	0.00067	0.00077	0.00089	0.00103
3757571.30	0.00038	0.00043	0.00048	0.00054	0.00061	0.00069	0.00079	0.00091	0.00104
3757541.30	0.00040	0.00045	0.00050	0.00056	0.00063	0.00071	0.00080	0.00090	0.00102
3757511.30	0.00042	0.00046	0.00051	0.00057	0.00063	0.00071	0.00079	0.00088	0.00098
3757481.30	0.00043	0.00047	0.00052	0.00057	0.00063	0.00069	0.00076	0.00083	0.00091
3757451.30	0.00043	0.00047	0.00051	0.00056	0.00061	0.00066	0.00071	0.00077	0.00082
3757421.30	0.00043	0.00046	0.00050	0.00054	0.00058	0.00062	0.00066	0.00069	0.00072
3757391.30	0.00042	0.00045	0.00048	0.00051	0.00054	0.00057	0.00059	0.00061	0.00062
3757361.30	0.00041	0.00043	0.00045	0.00048	0.00050	0.00051	0.00053	0.00053	0.00053
3757331.30	0.00039	0.00041	0.00042	0.00044	0.00045	0.00046	0.00046	0.00046	0.00045
3757301.30	0.00037	0.00038	0.00039	0.00040	0.00041	0.00041	0.00041	0.00040	0.00038
3757271.30	0.00034	0.00035	0.00036	0.00036	0.00036	0.00036	0.00035	0.00034	0.00033

*** AERMOD - VERSION 09292 *** *** Site 15 - NO2 *** 06/29/10
 *** 13:04:55
 *** PAGE 11

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
 AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	372240.44	372270.44	372300.44	372330.44	372360.44	372390.44	372420.44	372450.44	372480.44
------------------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------

3757241.30	0.00032	0.00032	0.00032	0.00032	0.00032	0.00032	0.00031	0.00029	0.00028
3757211.30	0.00029	0.00029	0.00029	0.00029	0.00029	0.00028	0.00027	0.00025	0.00024
3757181.30	0.00027	0.00027	0.00026	0.00026	0.00025	0.00024	0.00023	0.00022	0.00021
3757151.30	0.00024	0.00024	0.00024	0.00023	0.00022	0.00021	0.00020	0.00019	0.00018
3757121.30	0.00022	0.00022	0.00021	0.00021	0.00020	0.00019	0.00018	0.00017	0.00016

Site #15 – Localized NO2 Concentrations

3757091.30	0.00020	0.00020	0.00019	0.00018	0.00018	0.00017	0.00016	0.00015	0.00014
3757061.30	0.00018	0.00018	0.00017	0.00017	0.00016	0.00015	0.00014	0.00013	0.00012
3757031.30	0.00017	0.00016	0.00015	0.00015	0.00014	0.00013	0.00013	0.00012	0.00011
3757001.30	0.00015	0.00015	0.00014	0.00013	0.00013	0.00012	0.00011	0.00011	0.00010
3756971.30	0.00014	0.00013	0.00013	0.00012	0.00012	0.00011	0.00010	0.00010	0.00009

*** AERMOD - VERSION 09292 *** *** Site 15 - NO2 *** 06/29/10
 *** *** *** *** 13:04:55
 *** *** *** *** PAGE 12

**MODELOPTs: NonDEFAULT CONC

FLAT
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	X-COORD (METERS)								
	372510.44	372540.44	372570.44	372600.44	372630.44	372660.44	372690.44	372720.44	372750.44
3758441.30	0.00006	0.00007	0.00007	0.00007	0.00007	0.00008	0.00008	0.00009	0.00009
3758411.30	0.00007	0.00007	0.00007	0.00008	0.00008	0.00008	0.00009	0.00009	0.00010
3758381.30	0.00007	0.00007	0.00008	0.00008	0.00009	0.00009	0.00010	0.00010	0.00011
3758351.30	0.00008	0.00008	0.00008	0.00009	0.00009	0.00010	0.00011	0.00011	0.00012
3758321.30	0.00008	0.00008	0.00009	0.00009	0.00010	0.00011	0.00011	0.00012	0.00013
3758291.30	0.00009	0.00009	0.00010	0.00010	0.00011	0.00011	0.00012	0.00013	0.00014
3758261.30	0.00009	0.00010	0.00010	0.00011	0.00012	0.00012	0.00013	0.00014	0.00015
3758231.30	0.00010	0.00011	0.00011	0.00012	0.00013	0.00014	0.00015	0.00016	0.00017
3758201.30	0.00011	0.00011	0.00012	0.00013	0.00014	0.00015	0.00016	0.00018	0.00019
3758171.30	0.00011	0.00012	0.00013	0.00014	0.00015	0.00017	0.00018	0.00020	0.00021
3758141.30	0.00012	0.00013	0.00014	0.00016	0.00017	0.00019	0.00020	0.00022	0.00024
3758111.30	0.00013	0.00014	0.00016	0.00017	0.00019	0.00021	0.00023	0.00025	0.00028
3758081.30	0.00014	0.00016	0.00017	0.00019	0.00021	0.00024	0.00027	0.00030	0.00032
3758051.30	0.00015	0.00017	0.00019	0.00022	0.00024	0.00027	0.00031	0.00035	0.00039
3758021.30	0.00017	0.00019	0.00021	0.00024	0.00028	0.00032	0.00037	0.00042	0.00047
3757991.30	0.00019	0.00021	0.00024	0.00028	0.00032	0.00037	0.00044	0.00052	0.00060
3757961.30	0.00021	0.00024	0.00027	0.00032	0.00038	0.00045	0.00055	0.00066	0.00079
3757931.30	0.00024	0.00028	0.00032	0.00038	0.00045	0.00056	0.00071	0.00091	0.00115
3757901.30	0.00029	0.00033	0.00039	0.00047	0.00058	0.00074	0.00100	0.00143	0.00194
3757871.30	0.00035	0.00041	0.00050	0.00062	0.00080	0.00112	0.00162	0.00247	0.00338
3757841.30	0.00043	0.00052	0.00065	0.00085	0.00119	0.00187	0.00298	0.00487	0.00762
3757811.30	0.00054	0.00067	0.00085	0.00115	0.00165	0.00256	0.00383	0.00477	0.00562
3757781.30	0.00067	0.00083	0.00108	0.00145	0.00203	0.00302	0.00430	0.00518	0.00594
3757751.30	0.00080	0.00100	0.00128	0.00169	0.00232	0.00330	0.00456	0.00538	0.00606
3757721.30	0.00093	0.00115	0.00145	0.00188	0.00250	0.00346	0.00468	0.00545	0.00608
3757691.30	0.00104	0.00127	0.00158	0.00201	0.00261	0.00354	0.00471	0.00543	0.00601
3757661.30	0.00112	0.00136	0.00167	0.00208	0.00266	0.00355	0.00467	0.00533	0.00585
3757631.30	0.00118	0.00141	0.00171	0.00210	0.00265	0.00350	0.00455	0.00511	0.00550
3757601.30	0.00121	0.00143	0.00170	0.00206	0.00257	0.00335	0.00428	0.00459	0.00470
3757571.30	0.00120	0.00140	0.00164	0.00195	0.00236	0.00297	0.00364	0.00354	0.00324
3757541.30	0.00116	0.00133	0.00151	0.00173	0.00199	0.00223	0.00228	0.00208	0.00174
3757511.30	0.00109	0.00121	0.00133	0.00145	0.00153	0.00154	0.00142	0.00122	0.00098
3757481.30	0.00098	0.00106	0.00112	0.00115	0.00114	0.00107	0.00094	0.00078	0.00063
3757451.30	0.00086	0.00090	0.00091	0.00089	0.00084	0.00076	0.00065	0.00054	0.00044
3757421.30	0.00074	0.00074	0.00073	0.00069	0.00063	0.00056	0.00048	0.00040	0.00034
3757391.30	0.00062	0.00061	0.00058	0.00054	0.00048	0.00042	0.00036	0.00031	0.00027
3757361.30	0.00052	0.00050	0.00047	0.00043	0.00038	0.00033	0.00029	0.00025	0.00022
3757331.30	0.00044	0.00041	0.00038	0.00034	0.00030	0.00027	0.00023	0.00021	0.00019
3757301.30	0.00036	0.00034	0.00031	0.00028	0.00025	0.00022	0.00020	0.00018	0.00016
3757271.30	0.00031	0.00028	0.00026	0.00023	0.00021	0.00019	0.00017	0.00015	0.00014

*** AERMOD - VERSION 09292 *** *** Site 15 - NO2 *** 06/29/10
 *** *** *** *** 13:04:55
 *** *** *** *** PAGE 13

**MODELOPTs: NonDEFAULT CONC

FLAT
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	X-COORD (METERS)								
	372510.44	372540.44	372570.44	372600.44	372630.44	372660.44	372690.44	372720.44	372750.44
3757241.30	0.00026	0.00024	0.00022	0.00020	0.00018	0.00016	0.00014	0.00013	0.00012
3757211.30	0.00022	0.00020	0.00019	0.00017	0.00015	0.00014	0.00013	0.00012	0.00011
3757181.30	0.00019	0.00018	0.00016	0.00015	0.00013	0.00012	0.00011	0.00010	0.00010
3757151.30	0.00017	0.00015	0.00014	0.00013	0.00012	0.00011	0.00010	0.00009	0.00009
3757121.30	0.00015	0.00013	0.00012	0.00011	0.00010	0.00010	0.00009	0.00008	0.00008
3757091.30	0.00013	0.00012	0.00011	0.00010	0.00009	0.00009	0.00008	0.00008	0.00007
3757061.30	0.00011	0.00011	0.00010	0.00009	0.00008	0.00008	0.00007	0.00007	0.00007
3757031.30	0.00010	0.00009	0.00009	0.00008	0.00008	0.00007	0.00007	0.00007	0.00006
3757001.30	0.00009	0.00009	0.00008	0.00007	0.00007	0.00007	0.00006	0.00006	0.00006
3756971.30	0.00008	0.00008	0.00007	0.00007	0.00006	0.00006	0.00006	0.00006	0.00005

*** AERMOD - VERSION 09292 *** *** Site 15 - NO2 *** 06/29/10
 *** *** *** *** 13:04:55
 *** *** *** *** PAGE 14

**MODELOPTs: NonDEFAULT CONC

FLAT
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	X-COORD (METERS)								
	372780.44	372810.44	372840.44	372870.44	372900.44	372930.44	372960.44	372990.44	373020.44
3758441.30	0.00010	0.00010	0.00010	0.00010	0.00011	0.00011	0.00011	0.00011	0.00011
3758411.30	0.00010	0.00011	0.00011	0.00012	0.00012	0.00012	0.00012	0.00012	0.00012
3758381.30	0.00011	0.00012	0.00012	0.00012	0.00012	0.00013	0.00013	0.00013	0.00013
3758351.30	0.00012	0.00013	0.00013	0.00013	0.00014	0.00014	0.00014	0.00014	0.00014
3758321.30	0.00013	0.00014	0.00014	0.00015	0.00015	0.00015	0.00015	0.00015	0.00015
3758291.30	0.00015	0.00015	0.00016	0.00016	0.00016	0.00017	0.00017	0.00017	0.00017
3758261.30	0.00016	0.00017	0.00017	0.00018	0.00018	0.00018	0.00019	0.00019	0.00019
3758231.30	0.00018	0.00019	0.00019	0.00020	0.00020	0.00021	0.00021	0.00021	0.00021

Site #15 – Localized NO2 Concentrations

3758201.30	0.00020	0.00021	0.00022	0.00022	0.00023	0.00023	0.00024	0.00024	0.00024	0.00024
3758171.30	0.00023	0.00024	0.00025	0.00026	0.00026	0.00027	0.00027	0.00027	0.00027	0.00027
3758141.30	0.00026	0.00027	0.00028	0.00029	0.00030	0.00031	0.00031	0.00031	0.00031	0.00031
3758111.30	0.00030	0.00032	0.00033	0.00034	0.00035	0.00036	0.00036	0.00036	0.00036	0.00036
3758081.30	0.00035	0.00038	0.00039	0.00041	0.00042	0.00043	0.00043	0.00043	0.00043	0.00042
3758051.30	0.00042	0.00046	0.00048	0.00050	0.00051	0.00052	0.00052	0.00052	0.00051	0.00050
3758021.30	0.00052	0.00057	0.00060	0.00062	0.00064	0.00064	0.00063	0.00061	0.00058	0.00055
3757991.30	0.00067	0.00074	0.00078	0.00081	0.00081	0.00080	0.00076	0.00072	0.00068	0.00065
3757961.30	0.00092	0.00102	0.00107	0.00109	0.00106	0.00100	0.00093	0.00085	0.00078	0.00075
3757931.30	0.00137	0.00151	0.00156	0.00151	0.00138	0.00124	0.00110	0.00097	0.00086	0.00082
3757901.30	0.00231	0.00249	0.00242	0.00210	0.00175	0.00147	0.00125	0.00108	0.00093	0.00089
3757871.30	0.00383	0.00385	0.00362	0.00270	0.00206	0.00165	0.00136	0.00115	0.00098	0.00094
3757841.30	0.00514	0.00464	0.00405	0.00297	0.00222	0.00174	0.00142	0.00118	0.00100	0.00098
3757811.30	0.00570	0.00493	0.00420	0.00306	0.00227	0.00177	0.00143	0.00118	0.00098	0.00098
3757781.30	0.00589	0.00502	0.00425	0.00307	0.00226	0.00175	0.00140	0.00114	0.00095	0.00095
3757751.30	0.00595	0.00503	0.00422	0.00303	0.00221	0.00169	0.00133	0.00108	0.00088	0.00088
3757721.30	0.00592	0.00497	0.00414	0.00293	0.00210	0.00158	0.00123	0.00098	0.00080	0.00080
3757691.30	0.00581	0.00483	0.00398	0.00276	0.00193	0.00143	0.00109	0.00086	0.00070	0.00070
3757661.30	0.00559	0.00456	0.00369	0.00248	0.00169	0.00122	0.00092	0.00073	0.00059	0.00059
3757631.30	0.00514	0.00406	0.00320	0.00205	0.00135	0.00097	0.00074	0.00059	0.00049	0.00049
3757601.30	0.00418	0.00306	0.00231	0.00143	0.00096	0.00072	0.00056	0.00046	0.00039	0.00039
3757571.30	0.00264	0.00169	0.00110	0.00083	0.00063	0.00051	0.00042	0.00036	0.00031	0.00031
3757541.30	0.00131	0.00089	0.00065	0.00053	0.00044	0.00037	0.00032	0.00028	0.00025	0.00025
3757511.30	0.00074	0.00057	0.00046	0.00039	0.00033	0.00029	0.00026	0.00023	0.00021	0.00021
3757481.30	0.00050	0.00041	0.00035	0.00031	0.00027	0.00024	0.00021	0.00019	0.00017	0.00017
3757451.30	0.00037	0.00032	0.00028	0.00025	0.00023	0.00020	0.00018	0.00016	0.00015	0.00015
3757421.30	0.00029	0.00026	0.00023	0.00021	0.00019	0.00017	0.00016	0.00014	0.00013	0.00013
3757391.30	0.00024	0.00021	0.00020	0.00018	0.00017	0.00015	0.00014	0.00013	0.00012	0.00012
3757361.30	0.00020	0.00018	0.00017	0.00016	0.00015	0.00014	0.00013	0.00012	0.00011	0.00011
3757331.30	0.00017	0.00016	0.00015	0.00014	0.00013	0.00012	0.00011	0.00011	0.00010	0.00010
3757301.30	0.00015	0.00014	0.00013	0.00012	0.00012	0.00011	0.00010	0.00010	0.00009	0.00009
3757271.30	0.00013	0.00012	0.00011	0.00011	0.00010	0.00010	0.00009	0.00009	0.00008	0.00008

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*** AERMOD - VERSION 09292 ***
*** Site 15 - NO2
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***
*** 06/29/10
*** 13:04:55
*** PAGE 15

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**MODELOPTs: NonDEFAULT CONC
 FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S):
 VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	X-COORD (METERS)								
	372780.44	372810.44	372840.44	372870.44	372900.44	372930.44	372960.44	372990.44	373020.44
3757241.30	0.00011	0.00011	0.00010	0.00010	0.00009	0.00009	0.00009	0.00008	0.00008
3757211.30	0.00010	0.00010	0.00009	0.00009	0.00008	0.00008	0.00008	0.00008	0.00007
3757181.30	0.00009	0.00009	0.00008	0.00008	0.00008	0.00007	0.00007	0.00007	0.00007
3757151.30	0.00008	0.00008	0.00007	0.00007	0.00007	0.00007	0.00007	0.00006	0.00006
3757121.30	0.00008	0.00007	0.00007	0.00007	0.00006	0.00006	0.00006	0.00006	0.00006
3757091.30	0.00007	0.00007	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00005
3757061.30	0.00006	0.00006	0.00006	0.00006	0.00005	0.00005	0.00005	0.00005	0.00005
3757031.30	0.00006	0.00006	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005
3757001.30	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00004
3756971.30	0.00005	0.00005	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004

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*** AERMOD - VERSION 09292 ***
*** Site 15 - NO2
***
***
*** 06/29/10
*** 13:04:55
*** PAGE 16

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**MODELOPTs: NonDEFAULT CONC
 FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S):
 VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	X-COORD (METERS)								
	373050.44	373080.44	373110.44	373140.44	373170.44	373200.44	373230.44	373260.44	373290.44
3758441.30	0.00011	0.00011	0.00011	0.00011	0.00011	0.00011	0.00011	0.00011	0.00011
3758411.30	0.00012	0.00012	0.00012	0.00012	0.00012	0.00012	0.00012	0.00012	0.00012
3758381.30	0.00013	0.00013	0.00013	0.00013	0.00013	0.00013	0.00013	0.00013	0.00013
3758351.30	0.00014	0.00014	0.00014	0.00014	0.00014	0.00014	0.00014	0.00014	0.00014
3758321.30	0.00016	0.00016	0.00016	0.00016	0.00016	0.00016	0.00016	0.00016	0.00016
3758291.30	0.00017	0.00017	0.00017	0.00017	0.00017	0.00017	0.00017	0.00017	0.00017
3758261.30	0.00019	0.00019	0.00019	0.00019	0.00019	0.00019	0.00019	0.00019	0.00019
3758231.30	0.00021	0.00021	0.00021	0.00021	0.00021	0.00021	0.00021	0.00021	0.00020
3758201.30	0.00024	0.00024	0.00024	0.00024	0.00024	0.00024	0.00023	0.00023	0.00022
3758171.30	0.00027	0.00027	0.00027	0.00027	0.00027	0.00026	0.00026	0.00025	0.00024
3758141.30	0.00031	0.00031	0.00031	0.00030	0.00030	0.00029	0.00028	0.00027	0.00026
3758111.30	0.00036	0.00036	0.00035	0.00034	0.00033	0.00032	0.00031	0.00029	0.00028
3758081.30	0.00042	0.00041	0.00040	0.00038	0.00037	0.00035	0.00033	0.00032	0.00030
3758051.30	0.00048	0.00047	0.00044	0.00042	0.00040	0.00038	0.00036	0.00033	0.00031
3758021.30	0.00056	0.00053	0.00049	0.00046	0.00043	0.00040	0.00038	0.00035	0.00033
3757991.30	0.00063	0.00059	0.00054	0.00050	0.00046	0.00043	0.00039	0.00036	0.00033
3757961.30	0.00071	0.00064	0.00059	0.00053	0.00049	0.00044	0.00040	0.00037	0.00034
3757931.30	0.00077	0.00069	0.00062	0.00055	0.00050	0.00045	0.00041	0.00037	0.00034
3757901.30	0.00082	0.00072	0.00064	0.00057	0.00051	0.00045	0.00041	0.00037	0.00033
3757871.30	0.00085	0.00074	0.00064	0.00057	0.00050	0.00045	0.00040	0.00036	0.00032
3757841.30	0.00085	0.00073	0.00064	0.00055	0.00049	0.00043	0.00038	0.00034	0.00031
3757811.30	0.00083	0.00071	0.00061	0.00053	0.00047	0.00041	0.00036	0.00032	0.00029
3757781.30	0.00079	0.00067	0.00058	0.00050	0.00043	0.00038	0.00034	0.00030	0.00027
3757751.30	0.00074	0.00062	0.00053	0.00046	0.00040	0.00035	0.00031	0.00028	0.00025
3757721.30	0.00066	0.00056	0.00048	0.00041	0.00036	0.00032	0.00028	0.00025	0.00023
3757691.30	0.00058	0.00049	0.00042	0.00036	0.00032	0.00028	0.00025	0.00023	0.00020
3757661.30	0.00049	0.00042	0.00036	0.00032	0.00028	0.00025	0.00022	0.00020	0.00018
3757631.30	0.00041	0.00035	0.00031	0.00027	0.00024	0.00022	0.00020	0.00018	0.00016
3757601.30	0.00034	0.00029	0.00026	0.00023	0.00021	0.00019	0.00017	0.00016	0.00015
3757571.30	0.00027	0.00024	0.00022	0.00020	0.00018	0.00016	0.00015	0.00014	0.00013
3757541.30	0.00022	0.00020	0.00018	0.00017	0.00015	0.00014	0.00013	0.00012	0.00012
3757511.30	0.00019	0.00017	0.00016	0.00014	0.00013	0.00013	0.00012	0.00011	0.00010
3757481.30	0.00016	0.00015	0.00013	0.00013	0.00012	0.00011	0.00010	0.00010	0.00009
3757451.30	0.00014	0.00013	0.00012	0.00011	0.00010	0.00010	0.00009	0.00009	0.00008
3757421.30	0.00012	0.00011	0.00010	0.00010	0.00009	0.00009	0.00008	0.00008	0.00007
3757391.30	0.00011	0.00010	0.00009	0.00009	0.00008	0.00008	0.00007	0.00007	0.00007
3757361.30	0.00010	0.00009	0.00008	0.00008	0.00007	0.00007	0.00007	0.00006	0.00006
3757331.30	0.00009	0.00008	0.00008	0.00007	0.00007	0.00006	0.00006	0.00006	0.00006

Site #15 – Localized NO2 Concentrations

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3757301.30 | 0.00008 0.00008 0.00007 0.00007 0.00006 0.00006 0.00006 0.00005 0.00005
3757271.30 | 0.00008 0.00007 0.00007 0.00006 0.00006 0.00006 0.00005 0.00005 0.00005
*** AERMOD - VERSION 09292 *** *** Site 15 - NO2 ***
***                                     ***                                     ***
***                                     ***                                     ***

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**MODELOPTs: NonDEFAULT CONC                                     FLAT
                                                           NODRYDPLT NOWETDPLT

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*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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** CONC OF NOX		IN PPM							
Y-COORD (METERS)	373050.44	373080.44	373110.44	373140.44	373170.44	373200.44	373230.44	373260.44	373290.44
3757241.30	0.00007	0.00007	0.00006	0.00006	0.00005	0.00005	0.00005	0.00005	0.00005
3757211.30	0.00007	0.00006	0.00006	0.00006	0.00005	0.00005	0.00005	0.00004	0.00004
3757181.30	0.00006	0.00006	0.00006	0.00005	0.00005	0.00005	0.00004	0.00004	0.00004
3757151.30	0.00006	0.00006	0.00005	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004
3757121.30	0.00006	0.00005	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004
3757091.30	0.00005	0.00005	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004	0.00003
3757061.30	0.00005	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003
3757031.30	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003
3757001.30	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003
3756971.30	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003

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*** AERMOD - VERSION 09292 *** *** Site 15 - NO2 ***
***                                     ***                                     ***
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**MODELOPTs: NonDEFAULT CONC                                     FLAT
                                                           NODRYDPLT NOWETDPLT

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*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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** CONC OF NOX		IN PPM							
Y-COORD (METERS)	373320.44	373350.44	373380.44	373410.44	373440.44				
3758441.30	0.00011	0.00011	0.00011	0.00011	0.00011				
3758411.30	0.00012	0.00012	0.00012	0.00012	0.00012				
3758381.30	0.00013	0.00013	0.00013	0.00013	0.00013				
3758351.30	0.00014	0.00014	0.00014	0.00014	0.00014				
3758321.30	0.00016	0.00015	0.00015	0.00015	0.00015				
3758291.30	0.00017	0.00017	0.00017	0.00016	0.00016				
3758261.30	0.00018	0.00018	0.00018	0.00017	0.00017				
3758231.30	0.00020	0.00020	0.00019	0.00019	0.00018				
3758201.30	0.00022	0.00021	0.00021	0.00020	0.00019				
3758171.30	0.00023	0.00023	0.00022	0.00021	0.00020				
3758141.30	0.00025	0.00024	0.00023	0.00022	0.00021				
3758111.30	0.00027	0.00025	0.00024	0.00023	0.00022				
3758081.30	0.00028	0.00027	0.00025	0.00024	0.00022				
3758051.30	0.00029	0.00028	0.00026	0.00024	0.00023				
3758021.30	0.00030	0.00028	0.00026	0.00024	0.00023				
3757991.30	0.00031	0.00028	0.00026	0.00024	0.00023				
3757961.30	0.00031	0.00028	0.00026	0.00024	0.00022				
3757931.30	0.00031	0.00028	0.00026	0.00024	0.00022				
3757901.30	0.00030	0.00027	0.00025	0.00023	0.00021				
3757871.30	0.00029	0.00026	0.00024	0.00022	0.00020				
3757841.30	0.00028	0.00025	0.00023	0.00021	0.00019				
3757811.30	0.00026	0.00024	0.00022	0.00020	0.00018				
3757781.30	0.00024	0.00022	0.00020	0.00018	0.00017				
3757751.30	0.00022	0.00020	0.00019	0.00017	0.00016				
3757721.30	0.00021	0.00019	0.00017	0.00016	0.00015				
3757691.30	0.00019	0.00017	0.00016	0.00014	0.00013				
3757661.30	0.00017	0.00015	0.00014	0.00013	0.00012				
3757631.30	0.00015	0.00014	0.00013	0.00012	0.00011				
3757601.30	0.00013	0.00013	0.00012	0.00011	0.00010				
3757571.30	0.00012	0.00011	0.00011	0.00010	0.00009				
3757541.30	0.00011	0.00010	0.00010	0.00009	0.00008				
3757511.30	0.00010	0.00009	0.00009	0.00008	0.00008				
3757481.30	0.00009	0.00008	0.00008	0.00007	0.00007				
3757451.30	0.00008	0.00007	0.00007	0.00007	0.00006				
3757421.30	0.00007	0.00007	0.00007	0.00006	0.00006				
3757391.30	0.00007	0.00006	0.00006	0.00006	0.00005				
3757361.30	0.00006	0.00006	0.00006	0.00006	0.00005				
3757331.30	0.00005	0.00005	0.00005	0.00005	0.00005				
3757301.30	0.00005	0.00005	0.00005	0.00005	0.00004				
3757271.30	0.00005	0.00005	0.00004	0.00004	0.00004				

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*** AERMOD - VERSION 09292 *** *** Site 15 - NO2 ***
***                                     ***                                     ***
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**MODELOPTs: NonDEFAULT CONC                                     FLAT
                                                           NODRYDPLT NOWETDPLT

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*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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** CONC OF NOX		IN PPM							
Y-COORD (METERS)	373320.44	373350.44	373380.44	373410.44	373440.44				
3757241.30	0.00004	0.00004	0.00004	0.00004	0.00004				
3757211.30	0.00004	0.00004	0.00004	0.00004	0.00004				
3757181.30	0.00004	0.00004	0.00004	0.00003	0.00003				
3757151.30	0.00004	0.00003	0.00003	0.00003	0.00003				
3757121.30	0.00003	0.00003	0.00003	0.00003	0.00003				
3757091.30	0.00003	0.00003	0.00003	0.00003	0.00003				
3757061.30	0.00003	0.00003	0.00003	0.00003	0.00003				
3757031.30	0.00003	0.00003	0.00003	0.00003	0.00003				
3757001.30	0.00003	0.00003	0.00003	0.00003	0.00002				
3756971.30	0.00003	0.00003	0.00003	0.00002	0.00002				

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*** AERMOD - VERSION 09292 *** *** Site 15 - NO2 ***
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Site #15 – Localized NO2 Concentrations

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***                                     ***                                     13:04:55
                                                                                                     PAGE 20
**MODELOPTs:  NonDEFAULT CONC                                     FLAT
                                                                 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
    INCLUDING SOURCE(S): AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX IN PPM **

X-COORD (M)  Y-COORD (M)  CONC          X-COORD (M)  Y-COORD (M)  CONC
-----
372922.94    3757605.69    0.00080        372861.54    3757481.08    0.00032
372438.96    3757746.55    0.00052        372431.74    3757838.64    0.00030
372435.35    3757928.94    0.00019

*** AERMOD - VERSION 09292 ***   *** Site 15 - NO2                                     ***
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**MODELOPTs:  NonDEFAULT CONC                                     FLAT
                                                                 NODRYDPLT NOWETDPLT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
    INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS) | X-COORD (METERS) | 371970.44 | 372000.44 | 372030.44 | 372060.44 | 372090.44
-----
3758441.3 | 0.00443 (06071402) | 0.00424 (06071402) | 0.00417 (07062201) | 0.00422 (05082506) | 0.00453 (06090407)
3758411.3 | 0.00467 (06071402) | 0.00465 (06071402) | 0.00449 (06071402) | 0.00436 (07062201) | 0.00442 (05082506)
3758381.3 | 0.00472 (06071402) | 0.00487 (06071402) | 0.00488 (06071402) | 0.00474 (06071402) | 0.00457 (07062201)
3758351.3 | 0.00458 (06071402) | 0.00488 (06071402) | 0.00508 (06071402) | 0.00513 (06071402) | 0.00502 (06071402)
3758321.3 | 0.00459 (07090907) | 0.00470 (06071402) | 0.00505 (06071402) | 0.00529 (06071402) | 0.00538 (06071402)
3758291.3 | 0.00502 (07090907) | 0.00482 (07090907) | 0.00483 (06071402) | 0.00523 (06071402) | 0.00551 (06071402)
3758261.3 | 0.00525 (07090907) | 0.00519 (07090907) | 0.00503 (07090907) | 0.00496 (06071402) | 0.00540 (06071402)
3758231.3 | 0.00528 (07090907) | 0.00535 (07090907) | 0.00534 (07090907) | 0.00523 (07090907) | 0.00509 (06071402)
3758201.3 | 0.00509 (07090907) | 0.00530 (07090907) | 0.00542 (07090907) | 0.00546 (07090907) | 0.00540 (07090907)
3758171.3 | 0.00472 (07090907) | 0.00503 (07090907) | 0.00529 (07090907) | 0.00546 (07090907) | 0.00555 (07090907)
3758141.3 | 0.00438 (06062903) | 0.00459 (07090907) | 0.00495 (07090907) | 0.00524 (07090907) | 0.00547 (07090907)
3758111.3 | 0.00425 (06062903) | 0.00449 (06062903) | 0.00470 (06062903) | 0.00486 (06062903) | 0.00517 (07090907)
3758081.3 | 0.00439 (06090102) | 0.00448 (06090102) | 0.00457 (06062903) | 0.00483 (06062903) | 0.00506 (06062903)
3758051.3 | 0.00441 (06090102) | 0.00457 (06090102) | 0.00471 (06090102) | 0.00483 (06090102) | 0.00493 (06062903)
3758021.3 | 0.00425 (06090102) | 0.00448 (06090102) | 0.00470 (06090102) | 0.00489 (06090102) | 0.00507 (06090102)
3757991.3 | 0.00429 (06120524) | 0.00436 (06120524) | 0.00451 (06090102) | 0.00477 (06090102) | 0.00502 (06090102)
3757961.3 | 0.00442 (06120524) | 0.00454 (06120524) | 0.00466 (06120524) | 0.00478 (06120524) | 0.00489 (06120524)
3757931.3 | 0.00446 (06100301) | 0.00458 (06100301) | 0.00471 (06100301) | 0.00487 (06120524) | 0.00503 (06120524)
3757901.3 | 0.00442 (07091603) | 0.00458 (06100301) | 0.00474 (06100301) | 0.00491 (06100301) | 0.00507 (06100301)
3757871.3 | 0.00462 (07081605) | 0.00473 (07081605) | 0.00484 (07081605) | 0.00497 (07081605) | 0.00510 (07081605)
3757841.3 | 0.00487 (07081605) | 0.00500 (07081605) | 0.00514 (07081605) | 0.00529 (07081605) | 0.00545 (07081605)
3757811.3 | 0.00495 (07081605) | 0.00509 (07081605) | 0.00524 (07081605) | 0.00540 (07081605) | 0.00557 (07081605)
3757781.3 | 0.00489 (07081605) | 0.00505 (07081605) | 0.00522 (07081605) | 0.00539 (07081605) | 0.00557 (07081605)
3757751.3 | 0.00468 (07081605) | 0.00486 (07081605) | 0.00505 (07081605) | 0.00525 (07081605) | 0.00545 (07081605)
3757721.3 | 0.00446 (06111920) | 0.00459 (06111920) | 0.00474 (06111920) | 0.00489 (06111920) | 0.00512 (07081605)
3757691.3 | 0.00444 (06111920) | 0.00457 (06111920) | 0.00472 (06111920) | 0.00487 (06111920) | 0.00503 (06111920)
3757661.3 | 0.00433 (05062906) | 0.00447 (05062906) | 0.00466 (07102602) | 0.00492 (07102602) | 0.00519 (07102602)
3757631.3 | 0.00461 (07102602) | 0.00483 (07102602) | 0.00504 (07102602) | 0.00525 (07102602) | 0.00547 (07102602)
3757601.3 | 0.00486 (07102602) | 0.00503 (07102602) | 0.00521 (07102602) | 0.00539 (07102602) | 0.00557 (07082903)
3757571.3 | 0.00495 (07082903) | 0.00511 (07082903) | 0.00527 (07082903) | 0.00543 (07082903) | 0.00560 (07082903)
3757541.3 | 0.00496 (07082903) | 0.00509 (07082903) | 0.00523 (07082903) | 0.00537 (07082903) | 0.00552 (07082903)
3757511.3 | 0.00483 (07082903) | 0.00492 (07082903) | 0.00502 (07082903) | 0.00512 (07082903) | 0.00526 (05083124)
3757481.3 | 0.00448 (07082903) | 0.00465 (05083124) | 0.00497 (05083124) | 0.00526 (05083124) | 0.00553 (05083124)
3757451.3 | 0.00471 (05083124) | 0.00497 (05083124) | 0.00521 (05083124) | 0.00543 (05083124) | 0.00563 (05083124)
3757421.3 | 0.00491 (05083124) | 0.00510 (05083124) | 0.00527 (05083124) | 0.00543 (05083124) | 0.00557 (05083124)
3757391.3 | 0.00495 (05083124) | 0.00507 (05083124) | 0.00516 (05083124) | 0.00524 (05083124) | 0.00528 (05083124)
3757361.3 | 0.00479 (05083124) | 0.00483 (05083124) | 0.00483 (05083124) | 0.00485 (05062904) | 0.00504 (06111722)
3757331.3 | 0.00442 (05083124) | 0.00452 (05062904) | 0.00469 (06111722) | 0.00483 (05043001) | 0.00498 (05043001)
3757301.3 | 0.00437 (06111722) | 0.00450 (06111722) | 0.00460 (05043001) | 0.00481 (05043001) | 0.00524 (07070106)
3757271.3 | 0.00428 (06111722) | 0.00447 (05043001) | 0.00462 (05043001) | 0.00538 (07070106) | 0.00628 (07070106)

*** AERMOD - VERSION 09292 ***   *** Site 15 - NO2                                     ***
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**MODELOPTs:  NonDEFAULT CONC                                     FLAT
                                                                 NODRYDPLT NOWETDPLT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
    INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS) | X-COORD (METERS) | 371970.44 | 372000.44 | 372030.44 | 372060.44 | 372090.44
-----
3757241.3 | 0.00431 (05043001) | 0.00467 (07070106) | 0.00551 (07070106) | 0.00637 (07070106) | 0.00722 (07070106)
3757211.3 | 0.00481 (07070106) | 0.00562 (07070106) | 0.00644 (07070106) | 0.00725 (07070106) | 0.00799 (07070106)
3757181.3 | 0.00572 (07070106) | 0.00651 (07070106) | 0.00727 (07070106) | 0.00796 (07070106) | 0.00854 (07070106)
3757151.3 | 0.00656 (07070106) | 0.00728 (07070106) | 0.00792 (07070106) | 0.00844 (07070106) | 0.00881 (07070106)
3757121.3 | 0.00727 (07070106) | 0.00787 (07070106) | 0.00834 (07070106) | 0.00866 (07070106) | 0.00878 (07070106)
3757091.3 | 0.00781 (07070106) | 0.00824 (07070106) | 0.00851 (07070106) | 0.00860 (07070106) | 0.00847 (07070106)
3757061.3 | 0.00813 (07070106) | 0.00836 (07070106) | 0.00841 (07070106) | 0.00826 (07070106) | 0.00791 (07070106)
3757031.3 | 0.00821 (07070106) | 0.00823 (07070106) | 0.00806 (07070106) | 0.00770 (07070106) | 0.00715 (07070106)
3757001.3 | 0.00805 (07070106) | 0.00786 (07070106) | 0.00749 (07070106) | 0.00695 (07070106) | 0.00626 (07070106)
3756971.3 | 0.00767 (07070106) | 0.00730 (07070106) | 0.00676 (07070106) | 0.00609 (07070106) | 0.00532 (07070106)

*** AERMOD - VERSION 09292 ***   *** Site 15 - NO2                                     ***
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**MODELOPTs:  NonDEFAULT CONC                                     FLAT
                                                                 NODRYDPLT NOWETDPLT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
    INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

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Site #15 – Localized NO2 Concentrations

Y-COORD (METERS)	372120.44	372150.44	X-COORD (METERS) 372180.44	372210.44	372240.44
3758441.3	0.00515 (06090407)	0.00563 (06090407)	0.00590 (06090407)	0.00591 (06090407)	0.00566 (05082505)
3758411.3	0.00471 (05082506)	0.00532 (06090407)	0.00579 (06090407)	0.00603 (06090407)	0.00598 (06090407)
3758381.3	0.00464 (05082506)	0.00495 (05082506)	0.00551 (06090407)	0.00596 (06090407)	0.00615 (06090407)
3758351.3	0.00480 (07062201)	0.00488 (05082506)	0.00520 (05082506)	0.00569 (06090407)	0.00612 (06090407)
3758321.3	0.00531 (06071402)	0.00505 (06071402)	0.00514 (05082506)	0.00548 (05082506)	0.00588 (06090407)
3758291.3	0.00565 (06071402)	0.00562 (06071402)	0.00539 (06071402)	0.00543 (05082506)	0.00578 (05082506)
3758261.3	0.00574 (06071402)	0.00593 (06071402)	0.00595 (06071402)	0.00577 (06071402)	0.00574 (05082506)
3758231.3	0.00559 (06071402)	0.00597 (06071402)	0.00622 (06071402)	0.00630 (06071402)	0.00617 (06071402)
3758201.3	0.00524 (07090907)	0.00578 (06071402)	0.00622 (06071402)	0.00653 (06071402)	0.00667 (06071402)
3758171.3	0.00555 (07090907)	0.00544 (07090907)	0.00597 (06071402)	0.00648 (06071402)	0.00685 (06071402)
3758141.3	0.00561 (07090907)	0.00566 (07090907)	0.00562 (07090907)	0.00618 (06071402)	0.00675 (06071402)
3758111.3	0.00545 (07090907)	0.00564 (07090907)	0.00575 (07090907)	0.00576 (07090907)	0.00641 (06071402)
3758081.3	0.00524 (06062903)	0.00545 (07062723)	0.00565 (07062723)	0.00589 (06110122)	0.00609 (06110122)
3758051.3	0.00521 (06062903)	0.00546 (06062903)	0.00568 (06062903)	0.00592 (07062723)	0.00616 (06110122)
3758021.3	0.00523 (06090102)	0.00536 (06090102)	0.00565 (06062903)	0.00593 (06062903)	0.00619 (06062903)
3757991.3	0.00525 (06090102)	0.00547 (06090102)	0.00567 (06090102)	0.00585 (06090102)	0.00616 (06062903)
3757961.3	0.00510 (06090102)	0.00539 (06090102)	0.00566 (06090102)	0.00591 (06090102)	0.00616 (06090102)
3757931.3	0.00519 (06120524)	0.00535 (06120524)	0.00552 (06120524)	0.00581 (06090102)	0.00612 (06090102)
3757901.3	0.00524 (06100301)	0.00542 (06100301)	0.00562 (06120524)	0.00583 (06120524)	0.00605 (06120524)
3757871.3	0.00525 (07081605)	0.00544 (06100301)	0.00565 (06100301)	0.00587 (06100301)	0.00611 (06100301)
3757841.3	0.00562 (07081605)	0.00581 (07081605)	0.00601 (07081605)	0.00623 (07081605)	0.00648 (07081605)
3757811.3	0.00575 (07081605)	0.00595 (07081605)	0.00616 (07081605)	0.00638 (07081605)	0.00663 (07081605)
3757781.3	0.00576 (07081605)	0.00596 (07081605)	0.00618 (07081605)	0.00641 (07081605)	0.00666 (07081605)
3757751.3	0.00566 (07081605)	0.00588 (07081605)	0.00612 (07081605)	0.00636 (07081605)	0.00663 (07081605)
3757721.3	0.00537 (07081605)	0.00563 (07081605)	0.00590 (07081605)	0.00618 (07081605)	0.00648 (07081605)
3757691.3	0.00521 (06111920)	0.00539 (06111920)	0.00563 (07102602)	0.00599 (07102602)	0.00635 (07102602)
3757661.3	0.00546 (07102602)	0.00574 (07102602)	0.00601 (07102602)	0.00629 (07102602)	0.00658 (07102602)
3757631.3	0.00569 (07102602)	0.00591 (07102602)	0.00615 (07082903)	0.00640 (07082903)	0.00667 (07082903)
3757601.3	0.00578 (07082903)	0.00598 (07082903)	0.00620 (07082903)	0.00644 (07082903)	0.00669 (07082903)
3757571.3	0.00578 (07082903)	0.00598 (07082903)	0.00618 (07082903)	0.00640 (07082903)	0.00664 (07082903)
3757541.3	0.00567 (07082903)	0.00584 (07082903)	0.00601 (07082903)	0.00635 (05083124)	0.00669 (05083124)
3757511.3	0.00559 (05083124)	0.00591 (05083124)	0.00620 (05083124)	0.00649 (05083124)	0.00677 (05083124)
3757481.3	0.00579 (05083124)	0.00603 (05083124)	0.00627 (05083124)	0.00650 (05083124)	0.00674 (05083124)
3757451.3	0.00583 (05083124)	0.00601 (05083124)	0.00618 (05083124)	0.00635 (05083124)	0.00649 (05083124)
3757421.3	0.00569 (05083124)	0.00579 (05083124)	0.00586 (05083124)	0.00592 (06111722)	0.00614 (06111722)
3757391.3	0.00529 (05083124)	0.00545 (06111722)	0.00564 (06111722)	0.00589 (05043001)	0.00686 (07070106)
3757361.3	0.00521 (06111722)	0.00541 (05043001)	0.00593 (07070106)	0.00696 (07070106)	0.00796 (07070106)
3757331.3	0.00520 (05043001)	0.00606 (07070106)	0.00704 (07070106)	0.00799 (07070106)	0.00885 (07070106)
3757301.3	0.00618 (07070106)	0.00712 (07070106)	0.00801 (07070106)	0.00881 (07070106)	0.00946 (07070106)
3757271.3	0.00717 (07070106)	0.00802 (07070106)	0.00876 (07070106)	0.00935 (07070106)	0.00972 (07070106)

*** AERMOD - VERSION 09292 *** *** Site 15 - NO2 ***

*** 06/29/10
13:04:55
PAGE 24

**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
** CONC OF NOX IN PPM **

Y-COORD (METERS)	372120.44	372150.44	X-COORD (METERS) 372180.44	372210.44	372240.44
3757241.3	0.00801 (07070106)	0.00870 (07070106)	0.00922 (07070106)	0.00954 (07070106)	0.00961 (07070106)
3757211.3	0.00862 (07070106)	0.00909 (07070106)	0.00936 (07070106)	0.00937 (07070106)	0.00912 (07070106)
3757181.3	0.00895 (07070106)	0.00917 (07070106)	0.00914 (07070106)	0.00886 (07070106)	0.00831 (07070106)
3757151.3	0.00898 (07070106)	0.00891 (07070106)	0.00861 (07070106)	0.00805 (07070106)	0.00727 (07070106)
3757121.3	0.00869 (07070106)	0.00836 (07070106)	0.00781 (07070106)	0.00704 (07070106)	0.00611 (07070106)
3757091.3	0.00813 (07070106)	0.00758 (07070106)	0.00683 (07070106)	0.00593 (07070106)	0.00555 (05060605)
3757061.3	0.00736 (07070106)	0.00663 (07070106)	0.00576 (07070106)	0.00525 (05060605)	0.00546 (05083004)
3757031.3	0.00644 (07070106)	0.00561 (07070106)	0.00498 (05060605)	0.00519 (05083004)	0.00532 (05050324)
3757001.3	0.00546 (07070106)	0.00473 (06090101)	0.00493 (05083004)	0.00498 (05083004)	0.00566 (05050324)
3756971.3	0.00455 (06090101)	0.00468 (05083004)	0.00478 (05083004)	0.00522 (05050324)	0.00582 (05050324)

*** AERMOD - VERSION 09292 *** *** Site 15 - NO2 ***

*** 06/29/10
13:04:55
PAGE 25

**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
** CONC OF NOX IN PPM **

Y-COORD (METERS)	372270.44	372300.44	X-COORD (METERS) 372330.44	372360.44	372390.44
3758441.3	0.00627 (05082505)	0.00647 (05082505)	0.00617 (05082505)	0.00597 (07070205)	0.00613 (06100302)
3758411.3	0.00614 (05082505)	0.00667 (05082505)	0.00672 (05082505)	0.00623 (05082505)	0.00625 (07070205)
3758381.3	0.00605 (06090407)	0.00664 (05082505)	0.00706 (05082505)	0.00694 (05082505)	0.00655 (07070205)
3758351.3	0.00627 (06090407)	0.00637 (05082505)	0.00715 (05082505)	0.00744 (05082505)	0.00711 (05082505)
3758321.3	0.00629 (06090407)	0.00639 (06090407)	0.00697 (05082505)	0.00767 (05082505)	0.00779 (05082505)
3758291.3	0.00608 (06090407)	0.00645 (06090407)	0.00654 (05082505)	0.00760 (05082505)	0.00819 (05082505)
3758261.3	0.00612 (05082506)	0.00628 (05102724)	0.00661 (06090407)	0.00724 (05082505)	0.00826 (05082505)
3758231.3	0.00608 (05082506)	0.00649 (05082506)	0.00667 (05102724)	0.00705 (07091203)	0.00801 (05082505)
3758201.3	0.00660 (06071402)	0.00646 (05082506)	0.00690 (05082506)	0.00711 (05102724)	0.00759 (07091203)
3758171.3	0.00707 (06071402)	0.00707 (06071402)	0.00688 (05082506)	0.00736 (05082506)	0.00760 (05102724)
3758141.3	0.00719 (06071402)	0.00749 (06071402)	0.00758 (06071402)	0.00739 (06071402)	0.00787 (05082506)
3758111.3	0.00704 (06071402)	0.00756 (06071402)	0.00794 (06071402)	0.00814 (06071402)	0.00806 (06071402)
3758081.3	0.00665 (06071402)	0.00736 (06071402)	0.00795 (06071402)	0.00842 (06071402)	0.00874 (06071402)
3758051.3	0.00644 (06110122)	0.00691 (06071402)	0.00770 (06071402)	0.00837 (06071402)	0.00895 (06071402)
3758021.3	0.00648 (07062723)	0.00678 (06110122)	0.00720 (06071402)	0.00808 (06071402)	0.00885 (06071402)
3757991.3	0.00648 (06062903)	0.00679 (07062723)	0.00714 (07062723)	0.00753 (06110122)	0.00851 (06071402)
3757961.3	0.00641 (06090102)	0.00676 (06062903)	0.00714 (06062903)	0.00753 (07062723)	0.00797 (06110122)
3757931.3	0.00643 (06090102)	0.00674 (06090102)	0.00706 (06090102)	0.00749 (06062903)	0.00795 (06062903)
3757901.3	0.00631 (06090102)	0.00668 (06090102)	0.00705 (06090102)	0.00744 (06090102)	0.00787 (06062903)
3757871.3	0.00636 (06100301)	0.00663 (06100301)	0.00694 (06120524)	0.00737 (06090102)	0.00783 (06090102)
3757841.3	0.00675 (07081605)	0.00704 (07081605)	0.00738 (07081605)	0.00776 (07081605)	0.00819 (07081605)
3757811.3	0.00691 (07081605)	0.00721 (07081605)	0.00755 (07081605)	0.00793 (07081605)	0.00837 (07081605)
3757781.3	0.00693 (07081605)	0.00724 (07081605)	0.00758 (07081605)	0.00795 (07081605)	0.00839 (07081605)
3757751.3	0.00692 (07081605)	0.00723 (07081605)	0.00757 (07081605)	0.00795 (07081605)	0.00838 (07081605)
3757721.3	0.00680 (07081605)	0.00714 (07081605)	0.00751 (07081605)	0.00792 (07081605)	0.00836 (07081605)
3757691.3	0.00671 (07102602)	0.00709 (07102602)	0.00748 (07102602)	0.00791 (07082903)	0.00838 (07082903)

Site #15 – Localized NO2 Concentrations

Y-COORD (METERS)	372270.44	372300.44	X-COORD (METERS)	372330.44	372360.44	372390.44
3757661.3	0.00689 (07082903)	0.00723 (07082903)	0.00759 (07082903)	0.00798 (07082903)	0.00842 (07082903)	
3757631.3	0.00696 (07082903)	0.00727 (07082903)	0.00761 (07082903)	0.00799 (07082903)	0.00842 (07082903)	
3757601.3	0.00696 (07082903)	0.00727 (07082903)	0.00760 (07082903)	0.00802 (05083124)	0.00853 (05083124)	
3757571.3	0.00690 (07082903)	0.00728 (05083124)	0.00769 (05083124)	0.00811 (05083124)	0.00857 (05083124)	
3757541.3	0.00703 (05083124)	0.00737 (05083124)	0.00773 (05083124)	0.00813 (05083124)	0.00856 (05083124)	
3757511.3	0.00706 (05083124)	0.00737 (05083124)	0.00770 (05083124)	0.00805 (05083124)	0.00843 (05083124)	
3757481.3	0.00698 (05083124)	0.00722 (05083124)	0.00745 (05083124)	0.00771 (07071016)	0.00887 (07071016)	
3757451.3	0.00676 (05083124)	0.00675 (05043001)	0.00779 (07071016)	0.00889 (07071016)	0.00983 (07071016)	
3757421.3	0.00674 (07071016)	0.00786 (07071016)	0.00889 (07071016)	0.00979 (07071016)	0.01048 (07071016)	
3757391.3	0.00791 (07071016)	0.00889 (07071016)	0.00973 (07071016)	0.01036 (07071016)	0.01073 (07071016)	
3757361.3	0.00888 (07071016)	0.00965 (07071016)	0.01022 (07071016)	0.01052 (07071016)	0.01051 (07071016)	
3757331.3	0.00956 (07071016)	0.01007 (07071016)	0.01030 (07071016)	0.01023 (07071016)	0.00980 (07071016)	
3757301.3	0.00990 (07071016)	0.01008 (07071016)	0.00995 (07071016)	0.00948 (07071016)	0.00871 (06090101)	
3757271.3	0.00984 (07071016)	0.00967 (07071016)	0.00916 (07071016)	0.00834 (07071016)	0.00804 (06090101)	

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*** AERMOD - VERSION 09292 ***      *** Site 15 - NO2      ***
***                               ***                         ***
**MODELOPTs: NonDEFAULT CONC          FLAT
                                         NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX          IN PPM          **

Y-COORD (METERS) | 372270.44 | 372300.44 | X-COORD (METERS) | 372330.44 | 372360.44 | 372390.44 |
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3757241.3 | 0.00939 (07071016) | 0.00887 (07071016) | 0.00805 (07071016) | 0.00755 (06090101) | 0.00759 (05083004) | 0.00802 (05050324) |
3757211.3 | 0.00858 (07071016) | 0.00777 (07071016) | 0.00711 (06090101) | 0.00710 (05083004) | 0.00820 (05050324) | 0.00820 (05050324) |
3757181.3 | 0.00751 (07071016) | 0.00673 (06090101) | 0.00666 (05050324) | 0.00728 (05050324) | 0.00806 (05050324) | 0.00801 (07070203) |
3757151.3 | 0.00638 (06090101) | 0.00625 (05083004) | 0.00659 (05050324) | 0.00757 (05050324) | 0.00768 (07070203) | 0.00734 (06041124) |
3757121.3 | 0.00588 (05083004) | 0.00607 (05083004) | 0.00696 (05050324) | 0.00757 (05050324) | 0.00732 (07070203) | 0.00734 (06041124) |
3757091.3 | 0.00576 (05083004) | 0.00638 (05050324) | 0.00708 (05050324) | 0.00746 (07070203) | 0.00768 (07070203) | 0.00734 (06041124) |
3757061.3 | 0.00584 (05050324) | 0.00660 (05050324) | 0.00694 (05050324) | 0.00732 (07070203) | 0.00768 (07070203) | 0.00734 (06041124) |
3757031.3 | 0.00612 (05050324) | 0.00658 (05050324) | 0.00691 (07070203) | 0.00694 (07070203) | 0.00693 (06041124) | 0.00697 (07072705) |
3757001.3 | 0.00620 (05050324) | 0.00647 (07070203) | 0.00669 (07070203) | 0.00693 (06041124) | 0.00697 (07072705) | 0.00697 (07072705) |
3756971.3 | 0.00607 (05050324) | 0.00639 (07070203) | 0.00643 (06041124) | 0.00672 (06041124) | 0.00697 (07072705) | 0.00697 (07072705) |
*** AERMOD - VERSION 09292 ***      *** Site 15 - NO2      ***
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**MODELOPTs: NonDEFAULT CONC          FLAT
                                         NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX          IN PPM          **

Y-COORD (METERS) | 372420.44 | 372450.44 | X-COORD (METERS) | 372480.44 | 372510.44 | 372540.44 |
-----
3758441.3 | 0.00630 (05052222) | 0.00734 (07062501) | 0.00790 (07062501) | 0.00750 (07062501) | 0.00711 (06070502) | 0.00743 (06070502) |
3758411.3 | 0.00657 (06100302) | 0.00718 (07062501) | 0.00815 (07062501) | 0.00815 (07062501) | 0.00743 (06070502) | 0.00743 (06070502) |
3758381.3 | 0.00657 (06100302) | 0.00727 (06100302) | 0.00812 (07062501) | 0.00908 (07062501) | 0.00884 (07062501) | 0.00884 (07062501) |
3758351.3 | 0.00722 (05082505) | 0.00744 (06100302) | 0.00781 (07062501) | 0.00928 (07062501) | 0.00958 (07062501) | 0.00958 (07062501) |
3758321.3 | 0.00810 (05082505) | 0.00772 (07070205) | 0.00810 (06100302) | 0.00925 (07062501) | 0.01016 (07062501) | 0.01016 (07062501) |
3758291.3 | 0.00870 (05082505) | 0.00835 (05082505) | 0.00829 (06100302) | 0.00897 (07062501) | 0.01052 (07062501) | 0.01052 (07062501) |
3758261.3 | 0.00896 (05082505) | 0.00920 (05082505) | 0.00866 (07070205) | 0.00911 (06100302) | 0.01062 (07062501) | 0.01062 (07062501) |
3758231.3 | 0.00884 (05082505) | 0.00968 (05082505) | 0.00967 (05082505) | 0.00933 (06100302) | 0.01042 (07062501) | 0.01042 (07062501) |
3758201.3 | 0.00836 (05082505) | 0.00973 (05082505) | 0.01042 (05082505) | 0.01008 (05082505) | 0.01038 (06100302) | 0.01038 (06100302) |
3758171.3 | 0.00815 (05102724) | 0.00936 (05082505) | 0.01070 (05082505) | 0.01118 (05082505) | 0.01068 (07070205) | 0.01068 (07070205) |
3758141.3 | 0.00846 (05082506) | 0.00890 (07091203) | 0.01048 (05082505) | 0.01175 (05082505) | 0.01194 (05082505) | 0.01194 (05082505) |
3758111.3 | 0.00880 (06071402) | 0.00914 (05082506) | 0.00985 (05082505) | 0.01174 (05082505) | 0.01291 (05082505) | 0.01291 (05082505) |
3758081.3 | 0.00940 (06071402) | 0.00963 (06071402) | 0.00993 (05082506) | 0.01122 (05082505) | 0.01319 (05082505) | 0.01319 (05082505) |
3758051.3 | 0.00952 (06071402) | 0.01012 (06071402) | 0.01057 (06071402) | 0.01086 (05082506) | 0.01282 (05082505) | 0.01282 (05082505) |
3758021.3 | 0.00938 (06071402) | 0.01017 (06071402) | 0.01094 (06071402) | 0.01164 (06071402) | 0.01202 (06071402) | 0.01202 (06071402) |
3757991.3 | 0.00901 (06071402) | 0.01000 (06071402) | 0.01092 (06071402) | 0.01187 (06071402) | 0.01289 (06071402) | 0.01289 (06071402) |
3757961.3 | 0.00846 (07072706) | 0.00958 (06071402) | 0.01072 (06071402) | 0.01181 (06071402) | 0.01299 (06071402) | 0.01299 (06071402) |
3757931.3 | 0.00841 (06062903) | 0.00901 (07072706) | 0.01026 (06071402) | 0.01160 (06071402) | 0.01291 (06071402) | 0.01291 (06071402) |
3757901.3 | 0.00832 (06090102) | 0.00893 (06062903) | 0.00964 (07072706) | 0.01108 (06071402) | 0.01268 (06071402) | 0.01268 (06071402) |
3757871.3 | 0.00868 (07081605) | 0.00926 (07081605) | 0.00995 (07081605) | 0.01077 (07081605) | 0.01210 (06071402) | 0.01210 (06071402) |
3757841.3 | 0.00886 (07081605) | 0.00944 (07081605) | 0.01012 (07081605) | 0.01093 (07081605) | 0.01194 (07081605) | 0.01194 (07081605) |
3757811.3 | 0.00888 (07081605) | 0.00945 (07081605) | 0.01013 (07081605) | 0.01094 (07081605) | 0.01194 (07081605) | 0.01194 (07081605) |
3757781.3 | 0.00888 (07081605) | 0.00945 (07081605) | 0.01013 (07081605) | 0.01094 (07081605) | 0.01194 (07081605) | 0.01194 (07081605) |
3757751.3 | 0.00887 (07081605) | 0.00945 (07081605) | 0.01013 (07081605) | 0.01097 (07081605) | 0.01198 (07081605) | 0.01198 (07081605) |
3757721.3 | 0.00890 (07082903) | 0.00948 (07082903) | 0.01017 (07082903) | 0.01099 (05083124) | 0.01214 (05083124) | 0.01214 (05083124) |
3757691.3 | 0.00892 (07082903) | 0.00949 (07082903) | 0.01027 (05083124) | 0.01116 (05083124) | 0.01221 (05083124) | 0.01221 (05083124) |
3757661.3 | 0.00898 (05083124) | 0.00963 (05083124) | 0.01035 (05083124) | 0.01119 (05083124) | 0.01222 (05083124) | 0.01222 (05083124) |
3757631.3 | 0.00906 (05083124) | 0.00966 (05083124) | 0.01036 (05083124) | 0.01119 (05083124) | 0.01222 (05083124) | 0.01222 (05083124) |
3757601.3 | 0.00908 (05083124) | 0.00967 (05083124) | 0.01036 (05083124) | 0.01119 (05083124) | 0.01256 (07091205) | 0.01256 (07091205) |
3757571.3 | 0.00906 (05083124) | 0.00963 (05083124) | 0.01028 (05083124) | 0.01146 (07091205) | 0.01291 (07081202) | 0.01291 (07081202) |
3757541.3 | 0.00885 (07071016) | 0.00991 (07071016) | 0.01073 (07071016) | 0.01179 (07091205) | 0.01310 (07081202) | 0.01310 (07081202) |
3757511.3 | 0.00987 (07071016) | 0.01066 (07071016) | 0.01120 (07071016) | 0.01197 (07081202) | 0.01328 (06090101) | 0.01328 (06090101) |
3757481.3 | 0.01058 (07071016) | 0.01107 (07071016) | 0.01128 (07071016) | 0.01209 (06090101) | 0.01310 (06090101) | 0.01310 (06090101) |
3757451.3 | 0.01091 (07071016) | 0.01104 (07071016) | 0.01110 (06090101) | 0.01188 (06090101) | 0.01288 (05050324) | 0.01288 (05050324) |
3757421.3 | 0.01079 (07071016) | 0.01048 (07071016) | 0.01088 (06090101) | 0.01131 (05050324) | 0.01312 (05050324) | 0.01312 (05050324) |
3757391.3 | 0.01014 (07071016) | 0.01004 (06090101) | 0.01002 (06090101) | 0.01172 (05050324) | 0.01298 (07070203) | 0.01298 (07070203) |
3757361.3 | 0.00933 (06090101) | 0.00925 (06090101) | 0.01050 (05050324) | 0.01163 (07070203) | 0.01249 (06041124) | 0.01249 (06041124) |
3757331.3 | 0.00860 (06090101) | 0.00941 (05050324) | 0.01061 (05050324) | 0.01144 (07070203) | 0.01213 (06041124) | 0.01213 (06041124) |
3757301.3 | 0.00843 (05050324) | 0.00968 (05050324) | 0.01048 (07070203) | 0.01105 (06041124) | 0.01180 (07072705) | 0.01180 (07072705) |
*** AERMOD - VERSION 09292 ***      *** Site 15 - NO2      ***
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**MODELOPTs: NonDEFAULT CONC          FLAT
                                         NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX          IN PPM          **

Y-COORD (METERS) | 372420.44 | 372450.44 | X-COORD (METERS) | 372480.44 | 372510.44 | 372540.44 |
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Site #15 – Localized NO2 Concentrations

3757241.3	0.00882 (05050324)	0.00954 (05050324)	0.01012 (07070203)	0.01066 (06041124)	0.01131 (07072705)
3757211.3	0.00886 (05050324)	0.00945 (07070203)	0.00988 (06041124)	0.01042 (07072705)	0.01066 (06090606)
3757181.3	0.00874 (07070203)	0.00900 (06041124)	0.00947 (06041124)	0.01003 (07072705)	0.01050 (06090606)
3757151.3	0.00852 (07070203)	0.00890 (06041124)	0.00930 (07072705)	0.00936 (07072705)	0.01009 (06090606)
3757121.3	0.00822 (06041124)	0.00848 (06041124)	0.00899 (07072705)	0.00928 (06090606)	0.00947 (06090606)
3757091.3	0.00806 (06041124)	0.00839 (07072705)	0.00844 (07072705)	0.00904 (06090606)	0.00870 (06090606)
3757061.3	0.00765 (06041124)	0.00813 (07072705)	0.00826 (06090606)	0.00862 (06090606)	0.00784 (06090606)
3757031.3	0.00762 (07072705)	0.00767 (07072705)	0.00814 (06090606)	0.00804 (06090606)	0.00720 (05042905)
3757001.3	0.00741 (07072705)	0.00738 (06090606)	0.00786 (06090606)	0.00737 (06090606)	0.00699 (05042905)
3756971.3	0.00702 (07072705)	0.00736 (06090606)	0.00744 (06090606)	0.00663 (06090606)	0.00671 (05042905)

*** AERMOD - VERSION 09292 *** *** Site 15 - NO2 ***
 *** *** ***
 **MODELOPTs: NonDEFAULT CONC FLAT PAGE 29
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	372570.44	372600.44	X-COORD (METERS) 372630.44	372660.44	372690.44
3758441.3	0.00662 (06070502)	0.00607 (05052102)	0.00727 (05052102)	0.00755 (05052102)	0.00773 (07090806)
3758411.3	0.00721 (06070502)	0.00611 (06070502)	0.00748 (05052102)	0.00797 (05052102)	0.00811 (07090806)
3758381.3	0.00777 (06070502)	0.00686 (06070502)	0.00766 (05052102)	0.00839 (05052102)	0.00852 (07072704)
3758351.3	0.00828 (06070502)	0.00763 (06070502)	0.00782 (05052102)	0.00881 (05052102)	0.00901 (07072704)
3758321.3	0.00871 (06070502)	0.00840 (06070502)	0.00795 (05052102)	0.00923 (05052102)	0.00952 (07072704)
3758291.3	0.00960 (07062501)	0.00914 (06070502)	0.00803 (05052102)	0.00965 (05052102)	0.01005 (07072704)
3758261.3	0.01059 (07062501)	0.00983 (06070502)	0.00894 (06070502)	0.01006 (05052102)	0.01061 (07072704)
3758231.3	0.01143 (07062501)	0.01043 (06070502)	0.00997 (06070502)	0.01045 (05052102)	0.01119 (07072704)
3758201.3	0.01204 (07062501)	0.01174 (07062501)	0.01100 (06070502)	0.01081 (05052102)	0.01196 (05052102)
3758171.3	0.01234 (07062501)	0.01293 (07062501)	0.01197 (06070502)	0.01115 (05052102)	0.01277 (05052102)
3758141.3	0.01227 (07062501)	0.01390 (07062501)	0.01306 (07062501)	0.01215 (06070502)	0.01363 (05052102)
3758111.3	0.01200 (06100302)	0.01454 (07062501)	0.01474 (07062501)	0.01362 (06070502)	0.01453 (05052102)
3758081.3	0.01268 (05082505)	0.01471 (07062501)	0.01627 (07062501)	0.01509 (06070502)	0.01549 (05052102)
3758051.3	0.01420 (05082505)	0.01433 (07062501)	0.01748 (07062501)	0.01700 (07062501)	0.01654 (05052102)
3758021.3	0.01489 (05082505)	0.01563 (05082505)	0.01814 (07062501)	0.01939 (07062501)	0.01770 (05052102)
3757991.3	0.01473 (05082505)	0.01697 (05082505)	0.01798 (07062501)	0.02169 (07062501)	0.02015 (06070502)
3757961.3	0.01400 (05082505)	0.01713 (05082505)	0.01967 (05082505)	0.02348 (07062501)	0.02380 (07062501)
3757931.3	0.01437 (06071402)	0.01653 (05082505)	0.02038 (05082505)	0.02394 (07062501)	0.02829 (07062501)
3757901.3	0.01438 (06071402)	0.01625 (06071402)	0.01991 (05082505)	0.02532 (05082505)	0.03352 (07062501)
3757871.3	0.01431 (06071402)	0.01623 (06071402)	0.01900 (05082505)	0.02499 (05082505)	0.03454 (07062501)
3757841.3	0.01406 (06071402)	0.01616 (06071402)	0.01884 (06071402)	0.02424 (05082505)	0.03276 (07062501)
3757811.3	0.01339 (06071402)	0.01589 (06071402)	0.01877 (06071402)	0.02294 (05082505)	0.03094 (05082505)
3757781.3	0.01320 (07081605)	0.01512 (06071402)	0.01848 (06071402)	0.02273 (06071402)	0.02983 (05082505)
3757751.3	0.01322 (07082903)	0.01490 (07082903)	0.01756 (06071402)	0.02242 (06071402)	0.02788 (05082505)
3757721.3	0.01333 (05083124)	0.01518 (05083124)	0.01762 (05083124)	0.02130 (06071402)	0.02651 (06091011)
3757691.3	0.01350 (05083124)	0.01523 (05083124)	0.01763 (05083124)	0.02254 (07081202)	0.02865 (05050324)
3757661.3	0.01352 (05083124)	0.01524 (05083124)	0.01847 (07091205)	0.02324 (06090101)	0.03040 (05053124)
3757631.3	0.01352 (05083124)	0.01583 (07091205)	0.01895 (06090101)	0.02358 (06090101)	0.03194 (07072705)
3757601.3	0.01396 (07091205)	0.01626 (07081202)	0.01933 (06090101)	0.02444 (05050324)	0.03357 (07072705)
3757571.3	0.01435 (07081202)	0.01656 (06090101)	0.01946 (06090101)	0.02512 (07070203)	0.03539 (06090606)
3757541.3	0.01458 (06090101)	0.01672 (06090101)	0.02002 (05050324)	0.02553 (07070203)	0.03250 (06090606)
3757511.3	0.01477 (06090101)	0.01667 (06090101)	0.02039 (07070203)	0.02497 (07072705)	0.02734 (06090606)
3757481.3	0.01465 (06090101)	0.01713 (05050324)	0.02002 (06041124)	0.02325 (06090606)	0.02377 (07081701)
3757451.3	0.01476 (05050324)	0.01705 (07070203)	0.01936 (07072705)	0.02129 (06090606)	0.02196 (07081701)
3757421.3	0.01479 (07070203)	0.01649 (06041124)	0.01811 (06090606)	0.01894 (06090606)	0.02040 (07081701)
3757391.3	0.01445 (07070203)	0.01594 (07072705)	0.01731 (06090606)	0.01654 (06090606)	0.01902 (07081701)
3757361.3	0.01400 (06041124)	0.01505 (07072705)	0.01601 (06090606)	0.01500 (06041123)	0.01777 (07081701)
3757331.3	0.01356 (07072705)	0.01448 (06090606)	0.01444 (06090606)	0.01423 (07081701)	0.01662 (07081701)
3757301.3	0.01292 (07072705)	0.01376 (06090606)	0.01273 (06090606)	0.01388 (07081701)	0.01553 (07081701)
3757271.3	0.01234 (06090606)	0.01273 (06090606)	0.01183 (06041123)	0.01347 (07081701)	0.01449 (07081701)

*** AERMOD - VERSION 09292 *** *** Site 15 - NO2 ***
 *** *** ***
 **MODELOPTs: NonDEFAULT CONC FLAT PAGE 30
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	372570.44	372600.44	X-COORD (METERS) 372630.44	372660.44	372690.44
3757241.3	0.01197 (06090606)	0.01150 (06090606)	0.01117 (06041123)	0.01300 (07081701)	0.01349 (07081701)
3757211.3	0.01130 (06090606)	0.01017 (06090606)	0.01042 (06041123)	0.01250 (07081701)	0.01253 (07081701)
3757181.3	0.01042 (06090606)	0.00969 (05042905)	0.01012 (07081701)	0.01196 (07081701)	0.01161 (07081701)
3757151.3	0.00941 (06090606)	0.00924 (06041123)	0.01004 (07081701)	0.01140 (07081701)	0.01072 (07081701)
3757121.3	0.00846 (05042905)	0.00875 (06041123)	0.00989 (07081701)	0.01083 (07081701)	0.00988 (07081701)
3757091.3	0.00816 (05042905)	0.00820 (06041123)	0.00968 (07081701)	0.01025 (07081701)	0.00908 (07081701)
3757061.3	0.00781 (06041123)	0.00773 (07081701)	0.00943 (07081701)	0.00967 (07081701)	0.00844 (07072801)
3757031.3	0.00748 (06041123)	0.00777 (07081701)	0.00914 (07081701)	0.00910 (07081701)	0.00804 (07072801)
3757001.3	0.00709 (06041123)	0.00776 (07081701)	0.00882 (07081701)	0.00853 (07081701)	0.00765 (07072801)
3756971.3	0.00667 (06041123)	0.00770 (07081701)	0.00848 (07081701)	0.00798 (07081701)	0.00728 (07072801)

*** AERMOD - VERSION 09292 *** *** Site 15 - NO2 ***
 *** *** ***
 **MODELOPTs: NonDEFAULT CONC FLAT PAGE 31
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	372720.44	372750.44	X-COORD (METERS) 372780.44	372810.44	372840.44
3758441.3	0.00760 (05082924)	0.00772 (07070206)	0.00866 (07070206)	0.00830 (07070206)	0.00754 (07091802)
3758411.3	0.00800 (05082924)	0.00814 (07070206)	0.00911 (07070206)	0.00867 (07070206)	0.00786 (07091802)

Site #15 – Localized NO2 Concentrations

3758381.3	0.00844 (05082924)	0.00859 (07070206)	0.00960 (07070206)	0.00907 (07070206)	0.00831 (07040123)
3758351.3	0.00893 (07091801)	0.00908 (07070206)	0.01013 (07070206)	0.00949 (07070206)	0.00882 (07040123)
3758321.3	0.00948 (07091801)	0.00963 (07070206)	0.01070 (07070206)	0.00995 (07070206)	0.00936 (07040123)
3758291.3	0.01007 (07091801)	0.01023 (07070206)	0.01134 (07070206)	0.01045 (07070206)	0.00993 (07040123)
3758261.3	0.01071 (07091801)	0.01090 (07070206)	0.01203 (07070206)	0.01099 (07070206)	0.01051 (07040123)
3758231.3	0.01141 (07091801)	0.01164 (07070206)	0.01279 (07070206)	0.01159 (07070206)	0.01112 (07040123)
3758201.3	0.01216 (07091801)	0.01248 (07070206)	0.01364 (07070206)	0.01224 (07070206)	0.01176 (07040123)
3758171.3	0.01302 (07090806)	0.01341 (07070206)	0.01458 (07070206)	0.01298 (07070206)	0.01241 (07040123)
3758141.3	0.01399 (07090806)	0.01448 (07070206)	0.01563 (07070206)	0.01380 (07070206)	0.01310 (07040123)
3758111.3	0.01506 (07090806)	0.01569 (07070206)	0.01681 (07070206)	0.01484 (07040123)	0.01382 (07040123)
3758081.3	0.01632 (07072704)	0.01709 (07070206)	0.01816 (07070206)	0.01611 (07040123)	0.01508 (07122005)
3758051.3	0.01774 (07072704)	0.01872 (07070206)	0.01972 (07070206)	0.01754 (07040123)	0.01672 (07122005)
3758021.3	0.01939 (07072704)	0.02065 (07070206)	0.02155 (07070206)	0.01919 (07040123)	0.01848 (07122005)
3757991.3	0.02136 (07072704)	0.02297 (07070206)	0.02376 (07070206)	0.02114 (07040123)	0.02039 (07122005)
3757961.3	0.02383 (05052102)	0.02587 (07070206)	0.02654 (07070206)	0.02358 (07040123)	0.02249 (07062524)
3757931.3	0.02710 (05052102)	0.02970 (07070206)	0.03025 (07070206)	0.02726 (07070206)	0.02581 (07062524)
3757901.3	0.03135 (05052102)	0.03502 (07070206)	0.03545 (07070206)	0.03265 (07070206)	0.02924 (07091723)
3757871.3	0.03369 (07062501)	0.03677 (07070206)	0.03709 (07070206)	0.03456 (07070206)	0.02935 (07091723)
3757841.3	0.03264 (07062501)	0.03473 (07070206)	0.03495 (07070206)	0.03273 (07070206)	0.02804 (07070124)
3757811.3	0.03114 (07062501)	0.03247 (07070206)	0.03262 (07070206)	0.03072 (07070206)	0.02740 (07070124)
3757781.3	0.02911 (07062501)	0.02996 (07070206)	0.03004 (07070206)	0.02850 (07070206)	0.02623 (07070124)
3757751.3	0.02649 (07062501)	0.02715 (07070206)	0.02718 (07070206)	0.02601 (07070206)	0.02603 (07062424)
3757721.3	0.02515 (05050324)	0.02396 (07070206)	0.02397 (07070206)	0.02505 (07081203)	0.02622 (05062305)
3757691.3	0.02732 (07072705)	0.02622 (07081701)	0.02613 (07051822)	0.02735 (07081203)	0.02809 (07081702)
3757661.3	0.02963 (06090606)	0.02894 (07081701)	0.02808 (07051822)	0.02956 (06051105)	0.02932 (07081203)
3757631.3	0.03160 (07081701)	0.03133 (07081701)	0.03003 (06030421)	0.03172 (07051822)	0.03093 (07081203)
3757601.3	0.03392 (07081701)	0.03344 (07081701)	0.03198 (06030421)	0.03349 (07051822)	0.03190 (07081203)
3757571.3	0.03606 (07081701)	0.03523 (07081701)	0.03371 (06030421)	0.03485 (07051822)	0.03327 (06051105)
3757541.3	0.03378 (07081701)	0.03267 (07081701)	0.03036 (06030421)	0.03128 (07051822)	0.03159 (06051105)
3757511.3	0.02926 (07081701)	0.02776 (07081701)	0.02626 (05042102)	0.02618 (07103023)	0.02764 (07051822)
3757481.3	0.02585 (07081701)	0.02393 (07081701)	0.02326 (05042102)	0.02298 (07122007)	0.02403 (07051822)
3757451.3	0.02316 (07081701)	0.02104 (07081502)	0.02092 (05042102)	0.02045 (07122007)	0.02082 (07051822)
3757421.3	0.02092 (07081701)	0.01912 (07081502)	0.01902 (05042102)	0.01834 (07122007)	0.01823 (05091702)
3757391.3	0.01896 (07081701)	0.01752 (07081502)	0.01742 (05042102)	0.01650 (07122007)	0.01677 (07103023)
3757361.3	0.01721 (07081701)	0.01614 (07081502)	0.01604 (05042102)	0.01485 (07122007)	0.01552 (07103023)
3757331.3	0.01561 (07081701)	0.01494 (07081502)	0.01484 (05042102)	0.01365 (05042102)	0.01434 (07103023)
3757301.3	0.01413 (07081701)	0.01388 (07081502)	0.01377 (05042102)	0.01279 (05042102)	0.01323 (07122007)
3757271.3	0.01285 (07072801)	0.01295 (07081502)	0.01281 (05042102)	0.01203 (05042102)	0.01226 (07122007)
*** AERMOD - VERSION 09292 ***					06/29/10
*** Site 15 - NO2					13:04:55
***					***
**MODELOPTs: NonDEFAULT CONC					PAGE 32
FLAT					
NODRYDPLT NOWETDPLT					
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL					***
INCLUDING SOURCE(S): AREAL					
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***					
** CONC OF NOX IN PPM **					
Y-COORD (METERS)	372720.44	372750.44	X-COORD (METERS)	372810.44	372840.44
3757241.3	0.01198 (07072801)	0.01211 (07081502)	0.01196 (05042102)	0.01135 (05042102)	0.01133 (07122007)
3757211.3	0.01127 (05083003)	0.01136 (07081502)	0.01119 (05042102)	0.01074 (05042102)	0.01044 (07122007)
3757181.3	0.01063 (05083003)	0.01069 (07081502)	0.01049 (05042102)	0.01017 (05042102)	0.00960 (07122007)
3757151.3	0.01004 (05083003)	0.01007 (07081502)	0.00986 (05042102)	0.00966 (05042102)	0.00880 (07122007)
3757121.3	0.00950 (05083003)	0.00952 (07081502)	0.00928 (05042102)	0.00918 (05042102)	0.00806 (07122007)
3757091.3	0.00900 (05083003)	0.00901 (07081502)	0.00877 (07081604)	0.00874 (05042102)	0.00737 (05042102)
3757061.3	0.00853 (05083003)	0.00855 (07081502)	0.00832 (07081604)	0.00833 (05042102)	0.00713 (05042102)
3757031.3	0.00810 (05083003)	0.00812 (07081502)	0.00792 (07081604)	0.00794 (05042102)	0.00690 (05042102)
3757001.3	0.00769 (05083003)	0.00773 (07081502)	0.00754 (07081604)	0.00759 (05042102)	0.00667 (05042102)
3756971.3	0.00734 (06111620)	0.00737 (07081502)	0.00719 (07081604)	0.00725 (05042102)	0.00646 (05042102)
*** AERMOD - VERSION 09292 ***					06/29/10
*** Site 15 - NO2					13:04:55
***					***
**MODELOPTs: NonDEFAULT CONC					PAGE 33
FLAT					
NODRYDPLT NOWETDPLT					
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL					***
INCLUDING SOURCE(S): AREAL					
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***					
** CONC OF NOX IN PPM **					
Y-COORD (METERS)	372870.44	372900.44	X-COORD (METERS)	372960.44	372990.44
3758441.3	0.00753 (07040123)	0.00668 (07040123)	0.00698 (07122005)	0.00706 (07122005)	0.00666 (07062524)
3758411.3	0.00785 (07040123)	0.00678 (07040123)	0.00745 (07122005)	0.00728 (07122005)	0.00719 (07062524)
3758381.3	0.00816 (07040123)	0.00731 (07122005)	0.00790 (07122005)	0.00743 (07122005)	0.00765 (07062524)
3758351.3	0.00847 (07040123)	0.00797 (07122005)	0.00831 (07122005)	0.00781 (07062524)	0.00802 (07062524)
3758321.3	0.00876 (07040123)	0.00864 (07122005)	0.00866 (07122005)	0.00846 (07062524)	0.00826 (07062524)
3758291.3	0.00904 (07040123)	0.00930 (07122005)	0.00894 (07122005)	0.00902 (07062524)	0.00866 (05101302)
3758261.3	0.00931 (07040123)	0.00992 (07122005)	0.00932 (07062524)	0.00946 (07062524)	0.00906 (07091723)
3758231.3	0.01013 (07122005)	0.01050 (07122005)	0.01015 (07062524)	0.00985 (05101302)	0.00929 (07091723)
3758201.3	0.01111 (07122005)	0.01100 (07122005)	0.01086 (07062524)	0.01036 (07091723)	0.00927 (07091723)
3758171.3	0.01208 (07122005)	0.01142 (07062524)	0.01141 (07062524)	0.01074 (07091723)	0.00898 (07091723)
3758141.3	0.01304 (07122005)	0.01253 (07062524)	0.01200 (05101302)	0.01083 (07091723)	0.00948 (07070124)
3758111.3	0.01395 (07122005)	0.01349 (07062524)	0.01264 (07091723)	0.01056 (07091723)	0.01067 (07070124)
3758081.3	0.01478 (07122005)	0.01424 (05101302)	0.01290 (07091723)	0.01147 (07070124)	0.01140 (07070124)
3758051.3	0.01613 (07062524)	0.01521 (07091723)	0.01270 (07091723)	0.01263 (07070124)	0.01155 (07070124)
3758021.3	0.01764 (07062524)	0.01583 (07091723)	0.01405 (07070124)	0.01311 (07070124)	0.01150 (07092823)
3757991.3	0.01899 (05101302)	0.01577 (07091723)	0.01502 (07070124)	0.01289 (07070124)	0.01187 (06090306)
3757961.3	0.02041 (07091723)	0.01750 (07070124)	0.01504 (07070124)	0.01341 (07062424)	0.01260 (07062424)
3757931.3	0.02096 (07070124)	0.01790 (07070124)	0.01553 (07062424)	0.01403 (07062424)	0.01271 (07062424)
3757901.3	0.02213 (07070124)	0.01821 (07062424)	0.01581 (07062424)	0.01405 (07062424)	0.01265 (07062424)
3757871.3	0.02190 (07062424)	0.01824 (07062424)	0.01580 (07062424)	0.01399 (07062424)	0.01247 (07062424)
3757841.3	0.02190 (07062424)	0.01823 (07062424)	0.01574 (07062424)	0.01378 (07062424)	0.01196 (07062424)
3757811.3	0.02189 (07062424)	0.01817 (07062424)	0.01550 (07062424)	0.01318 (07062424)	0.01148 (06112321)
3757781.3	0.02183 (07062424)	0.01791 (07062424)	0.01479 (07062424)	0.01288 (06112321)	0.01167 (06112321)
3757751.3	0.02154 (07062424)	0.01705 (07062424)	0.01445 (06112321)	0.01288 (06112321)	0.01168 (06112321)
3757721.3	0.02082 (05041521)	0.01717 (05041521)	0.01445 (06112321)	0.01288 (06112321)	0.01168 (06112321)
3757691.3	0.02166 (07062901)	0.01744 (05041521)	0.01499 (05041521)	0.01295 (05041521)	0.01168 (06112321)
3757661.3	0.02223 (05062305)	0.01802 (07062901)	0.01515 (05041521)	0.01339 (05041521)	0.01189 (05041521)
3757631.3	0.02291 (07081702)	0.01826 (05062305)	0.01559 (07062901)	0.01349 (05041521)	0.01216 (05041521)
3757601.3	0.02358 (07081702)	0.01871 (05062305)	0.01577 (07062901)	0.01385 (07062901)	0.01222 (05041521)
3757571.3	0.02387 (07081702)	0.01920 (07081702)	0.01610 (05062305)	0.01402 (07062901)	0.01254 (07062901)
3757541.3	0.02459 (07081203)	0.01959 (07081702)	0.01638 (07092704)	0.01422 (05062305)	0.01269 (07062901)
3757511.3	0.02363 (07081203)	0.01957 (07081203)	0.01675 (07081702)	0.01444 (05062305)	0.01278 (05062305)

Site #15 – Localized NO2 Concentrations

3757481.3	0.02276 (06053105)	0.01963 (07081203)	0.01676 (07081702)	0.01466 (07092704)	0.01302 (05062305)
3757451.3	0.02066 (07051822)	0.01831 (06053105)	0.01661 (07081203)	0.01475 (07081702)	0.01313 (07092704)
3757421.3	0.01921 (07051822)	0.01802 (06053105)	0.01618 (07081203)	0.01420 (07081203)	0.01320 (07081702)
3757391.3	0.01748 (07051822)	0.01691 (06053105)	0.01499 (06053105)	0.01431 (07081203)	0.01273 (07081702)
3757361.3	0.01565 (07051822)	0.01570 (07051822)	0.01495 (06053105)	0.01366 (07081203)	0.01262 (07081203)
3757331.3	0.01391 (05091702)	0.01482 (07051822)	0.01431 (06053105)	0.01266 (06053105)	0.01247 (07081203)
3757301.3	0.01298 (05091702)	0.01370 (07051822)	0.01324 (06053105)	0.01274 (06053105)	0.01172 (07081203)
3757271.3	0.01205 (07103023)	0.01243 (07051822)	0.01265 (07051822)	0.01237 (06053105)	0.01092 (06053105)
*** AERMOD - VERSION 09292 *** ** Site 15 - NO2 ***					

06/29/10
13:04:55
PAGE 34

**MODELOPTs: NonDEFAULT CONC

FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	372870.44	372900.44	X-COORD (METERS) 372930.44	372960.44	372990.44
3757241.3	0.01145 (07103023)	0.01109 (07051822)	0.01201 (07051822)	0.01164 (06053105)	0.01107 (06053105)
3757211.3	0.01082 (07103023)	0.01052 (05091702)	0.01117 (07051822)	0.01087 (07051822)	0.01086 (06053105)
3757181.3	0.01017 (07103023)	0.00993 (05091702)	0.01021 (07051822)	0.01054 (07051822)	0.01034 (06053105)
3757151.3	0.00952 (07103023)	0.00929 (05091702)	0.00918 (07051822)	0.01002 (07051822)	0.00958 (06053105)
3757121.3	0.00896 (07122007)	0.00889 (07103023)	0.00872 (05091702)	0.00935 (07051822)	0.00926 (07051822)
3757091.3	0.00841 (07122007)	0.00853 (07103023)	0.00835 (05091702)	0.00859 (07051822)	0.00897 (07051822)
3757061.3	0.00788 (07122007)	0.00813 (07103023)	0.00793 (05091702)	0.00778 (07051822)	0.00853 (07051822)
3757031.3	0.00735 (07122007)	0.00772 (07103023)	0.00747 (05091702)	0.00735 (05091702)	0.00798 (07051822)
3757001.3	0.00685 (07122007)	0.00729 (07103023)	0.00716 (07103023)	0.00713 (05091702)	0.00736 (07051822)
3756971.3	0.00637 (07122007)	0.00693 (07122007)	0.00693 (07103023)	0.00684 (05091702)	0.00670 (07051822)
*** AERMOD - VERSION 09292 *** ** Site 15 - NO2 ***					

06/29/10
13:04:55
PAGE 35

**MODELOPTs: NonDEFAULT CONC

FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	373020.44	373050.44	X-COORD (METERS) 373080.44	373110.44	373140.44
3758441.3	0.00691 (07062524)	0.00667 (05101302)	0.00641 (07091723)	0.00615 (05082807)	0.00659 (05082807)
3758411.3	0.00713 (07062524)	0.00695 (07091723)	0.00641 (07091723)	0.00658 (05082807)	0.00674 (05082807)
3758381.3	0.00740 (05101302)	0.00714 (07091723)	0.00645 (05082807)	0.00687 (05082807)	0.00673 (05082807)
3758351.3	0.00772 (07091723)	0.00719 (07091723)	0.00689 (05082807)	0.00700 (05082807)	0.00654 (05082807)
3758321.3	0.00801 (07091723)	0.00707 (07091723)	0.00717 (05082807)	0.00693 (05082807)	0.00681 (07070124)
3758291.3	0.00813 (07091723)	0.00722 (05082807)	0.00726 (05082807)	0.00714 (07070124)	0.00710 (07070124)
3758261.3	0.00805 (07091723)	0.00749 (05082807)	0.00745 (07070124)	0.00760 (07070124)	0.00713 (07070124)
3758231.3	0.00775 (07091723)	0.00770 (07070124)	0.00810 (07070124)	0.00777 (07070124)	0.00689 (07070124)
3758201.3	0.00790 (07070124)	0.00858 (07070124)	0.00844 (07070124)	0.00763 (07070124)	0.00710 (07092823)
3758171.3	0.00905 (07070124)	0.00915 (07070124)	0.00844 (07070124)	0.00757 (07092823)	0.00759 (07092823)
3758141.3	0.00990 (07070124)	0.00933 (07070124)	0.00812 (07092823)	0.00815 (07092823)	0.00782 (06090306)
3758111.3	0.01031 (07070124)	0.00910 (07070124)	0.00879 (07092823)	0.00840 (06090306)	0.00787 (05062902)
3758081.3	0.01024 (07070124)	0.00953 (07092823)	0.00907 (06090306)	0.00850 (07062424)	0.00853 (07062424)
3758051.3	0.01042 (07092823)	0.00984 (06090306)	0.00935 (07062424)	0.00920 (07062424)	0.00881 (07062424)
3758021.3	0.01076 (06090306)	0.01031 (07062424)	0.00993 (07062424)	0.00939 (07062424)	0.00924 (05082707)
3757991.3	0.01138 (07062424)	0.01073 (07062424)	0.01002 (07062424)	0.00943 (05082707)	0.00939 (05082707)
3757961.3	0.01164 (07062424)	0.01075 (07062424)	0.00989 (07062424)	0.00945 (05082707)	0.00922 (05082707)
3757931.3	0.01161 (07062424)	0.01059 (07062424)	0.00955 (07062424)	0.00919 (05082707)	0.00876 (05082707)
3757901.3	0.01143 (07062424)	0.01020 (07062424)	0.00916 (05082707)	0.00866 (05082707)	0.00799 (05082707)
3757871.3	0.01099 (07062424)	0.00949 (06083124)	0.00882 (06083124)	0.00826 (07072804)	0.00773 (07072804)
3757841.3	0.01022 (06083124)	0.00943 (07072804)	0.00875 (07072804)	0.00816 (07112919)	0.00766 (07112919)
3757811.3	0.01043 (06112321)	0.00955 (06112321)	0.00879 (06112321)	0.00813 (06112321)	0.00765 (05071903)
3757781.3	0.01070 (06112321)	0.00991 (06112321)	0.00923 (06112321)	0.00865 (06112321)	0.00814 (06112321)
3757751.3	0.01072 (06112321)	0.00994 (06112321)	0.00929 (06112321)	0.00873 (06112321)	0.00825 (06112321)
3757721.3	0.01072 (06112321)	0.00994 (06112321)	0.00929 (06112321)	0.00874 (06112321)	0.00826 (06112321)
3757691.3	0.01072 (06112321)	0.00994 (06112321)	0.00929 (06112321)	0.00874 (06112321)	0.00826 (06112321)
3757661.3	0.01072 (06112321)	0.00994 (06112321)	0.00929 (06112321)	0.00874 (06112321)	0.00826 (06112321)
3757631.3	0.01100 (05041521)	0.00988 (05041521)	0.00913 (06112321)	0.00855 (06112321)	0.00804 (06112321)
3757601.3	0.01118 (05041521)	0.01026 (05041521)	0.00936 (05041521)	0.00842 (05041521)	0.00774 (07081802)
3757571.3	0.01122 (05041521)	0.01038 (05041521)	0.00962 (05041521)	0.00890 (05041521)	0.00813 (05041521)
3757541.3	0.01149 (07062901)	0.01040 (05041521)	0.00970 (05041521)	0.00907 (05041521)	0.00847 (05041521)
3757511.3	0.01163 (07062901)	0.01065 (07062901)	0.00971 (05041521)	0.00912 (05041521)	0.00859 (05041521)
3757481.3	0.01164 (05062305)	0.01077 (07062901)	0.00994 (07062901)	0.00909 (07062901)	0.00861 (05041521)
3757451.3	0.01187 (05062305)	0.01070 (07062901)	0.01003 (07062901)	0.00934 (07062901)	0.00860 (07062901)
3757421.3	0.01189 (07092704)	0.01092 (05062305)	0.00989 (05062305)	0.00938 (07062901)	0.00881 (07062901)
3757391.3	0.01194 (07081702)	0.01085 (07092704)	0.01012 (05062305)	0.00921 (05062305)	0.00879 (07062901)
3757361.3	0.01166 (07081702)	0.01088 (07081702)	0.00997 (07092704)	0.00942 (05062305)	0.00861 (05062305)
3757331.3	0.01169 (07090807)	0.01098 (07090807)	0.01002 (07092704)	0.00926 (05062305)	0.00881 (05062305)
3757301.3	0.01136 (07090807)	0.01131 (07090807)	0.01041 (07090807)	0.00931 (07092704)	0.00866 (05062305)
3757271.3	0.01095 (07081203)	0.01119 (07090807)	0.01087 (07090807)	0.00982 (07090807)	0.00867 (07092704)
*** AERMOD - VERSION 09292 *** ** Site 15 - NO2 ***					

06/29/10
13:04:55
PAGE 36

**MODELOPTs: NonDEFAULT CONC

FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	373020.44	373050.44	X-COORD (METERS) 373080.44	373110.44	373140.44
3757241.3	0.01018 (07081203)	0.01065 (07090807)	0.01093 (07090807)	0.01039 (07090807)	0.00923 (07090807)
3757211.3	0.00955 (06053105)	0.00978 (07090807)	0.01060 (07090807)	0.01061 (07090807)	0.00989 (07090807)
3757181.3	0.00974 (06053105)	0.00891 (07081203)	0.00993 (07090807)	0.01046 (07090807)	0.01023 (07090807)
3757151.3	0.00964 (06053105)	0.00845 (06053105)	0.00899 (07090807)	0.00997 (07090807)	0.01024 (07090807)
3757121.3	0.00928 (06053105)	0.00866 (06053105)	0.00789 (07090807)	0.00921 (07090807)	0.00993 (07090807)

Site #15 – Localized NO2 Concentrations

3757091.3	0.00870 (06053105)	0.00863 (06053105)	0.00755 (06053105)	0.00826 (07090807)	0.00934 (07090807)
3757061.3	0.00815 (07051822)	0.00838 (06053105)	0.00777 (06053105)	0.00720 (07090807)	0.00853 (07090807)
3757031.3	0.00802 (07051822)	0.00794 (06053105)	0.00779 (06053105)	0.00680 (06053105)	0.00759 (07090807)
3757001.3	0.00775 (07051822)	0.00735 (06053105)	0.00762 (06053105)	0.00702 (06053105)	0.00658 (07090807)
3756971.3	0.00738 (07051822)	0.00717 (07051822)	0.00728 (06053105)	0.00707 (06053105)	0.00616 (06053105)

*** AERMOD - VERSION 09292 *** *** Site 15 - NO2 ***

 06/29/10
 13:04:55
 PAGE 37

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Y-COORD (METERS)	X-COORD (METERS)				
	373170.44	373200.44	373230.44	373260.44	373290.44
3758441.3	0.00652 (05082807)	0.00600 (05082807)	0.00558 (07070124)	0.00535 (07070124)	0.00483 (07070124)
3758411.3	0.00638 (05082807)	0.00584 (07070124)	0.00572 (07070124)	0.00524 (07070124)	0.00452 (07070124)
3758381.3	0.00609 (05082807)	0.00609 (07070124)	0.00568 (07070124)	0.00496 (07070124)	0.00495 (07092823)
3758351.3	0.00645 (07070124)	0.00613 (07070124)	0.00545 (07070124)	0.00519 (07092823)	0.00537 (07092823)
3758321.3	0.00651 (07070124)	0.00597 (07070124)	0.00542 (07092823)	0.00565 (07092823)	0.00560 (07092823)
3758291.3	0.00653 (07070124)	0.00568 (07092823)	0.00596 (07092823)	0.00592 (07092823)	0.00575 (06090306)
3758261.3	0.00622 (07070124)	0.00630 (07092823)	0.00628 (07092823)	0.00608 (06090306)	0.00581 (05062902)
3758231.3	0.00668 (07092823)	0.00667 (07092823)	0.00645 (06090306)	0.00614 (05062902)	0.00588 (06102522)
3758201.3	0.00710 (07092823)	0.00686 (06090306)	0.00651 (05062902)	0.00631 (07062424)	0.00647 (07062424)
3758171.3	0.00731 (06090306)	0.00691 (05062902)	0.00680 (07062424)	0.00689 (07062424)	0.00741 (05082707)
3758141.3	0.00736 (05062902)	0.00733 (07062424)	0.00733 (07062424)	0.00784 (05082707)	0.00829 (05082707)
3758111.3	0.00791 (07062424)	0.00779 (07062424)	0.00826 (05082707)	0.00861 (05082707)	0.00879 (05082707)
3758081.3	0.00829 (07062424)	0.00864 (05082707)	0.00890 (05082707)	0.00897 (05082707)	0.00888 (05082707)
3758051.3	0.00897 (05082707)	0.00913 (05082707)	0.00911 (05082707)	0.00894 (05082707)	0.00862 (05082707)
3758021.3	0.00929 (05082707)	0.00919 (05082707)	0.00895 (05082707)	0.00856 (05082707)	0.00804 (05082707)
3757991.3	0.00922 (05082707)	0.00891 (05082707)	0.00846 (05082707)	0.00787 (05082707)	0.00716 (05082707)
3757961.3	0.00885 (05082707)	0.00833 (05082707)	0.00767 (05082707)	0.00689 (05082707)	0.00612 (07072804)
3757931.3	0.00817 (05082707)	0.00744 (05082707)	0.00669 (07072804)	0.00636 (07112919)	0.00609 (07112919)
3757901.3	0.00738 (07072804)	0.00697 (07112919)	0.00664 (07112919)	0.00633 (07112919)	0.00601 (07112919)
3757871.3	0.00731 (07112919)	0.00692 (07112919)	0.00654 (07112919)	0.00625 (05071903)	0.00601 (05071903)
3757841.3	0.00725 (05071903)	0.00690 (05071903)	0.00660 (05071903)	0.00632 (05071903)	0.00606 (05071903)
3757811.3	0.00726 (05071903)	0.00691 (05071903)	0.00659 (05071903)	0.00630 (05091722)	0.00604 (05091722)
3757781.3	0.00768 (06112321)	0.00727 (06112321)	0.00689 (06112321)	0.00655 (06112321)	0.00624 (06112321)
3757751.3	0.00782 (06112321)	0.00744 (06112321)	0.00710 (06112321)	0.00679 (06112321)	0.00651 (06112321)
3757721.3	0.00784 (06112321)	0.00747 (06112321)	0.00714 (06112321)	0.00684 (06112321)	0.00657 (06112321)
3757691.3	0.00784 (06112321)	0.00747 (06112321)	0.00714 (06112321)	0.00684 (06112321)	0.00657 (06112321)
3757661.3	0.00781 (06112321)	0.00743 (06112321)	0.00709 (06112321)	0.00679 (06112321)	0.00651 (06112321)
3757631.3	0.00759 (06112321)	0.00720 (06112321)	0.00685 (06112321)	0.00654 (06112321)	0.00625 (06112321)
3757601.3	0.00732 (07081802)	0.00693 (07081802)	0.00655 (07081802)	0.00617 (07081802)	0.00580 (05012719)
3757571.3	0.00735 (07081802)	0.00699 (07081802)	0.00666 (07081802)	0.00635 (07081802)	0.00604 (07081802)
3757541.3	0.00784 (05041521)	0.00716 (05041521)	0.00667 (07081201)	0.00639 (07081802)	0.00612 (07081802)
3757511.3	0.00808 (05041521)	0.00756 (05041521)	0.00699 (05041521)	0.00639 (07081201)	0.00612 (07081201)
3757481.3	0.00816 (05041521)	0.00773 (05041521)	0.00729 (05041521)	0.00681 (05041521)	0.00629 (05041521)
3757451.3	0.00811 (05041521)	0.00776 (05041521)	0.00740 (05041521)	0.00703 (05041521)	0.00663 (05041521)
3757421.3	0.00817 (07062901)	0.00759 (05041521)	0.00735 (05041521)	0.00707 (05041521)	0.00677 (05041521)
3757391.3	0.00834 (07062901)	0.00778 (07062901)	0.00712 (07062901)	0.00692 (05041521)	0.00673 (05041521)
3757361.3	0.00825 (07062901)	0.00790 (07062901)	0.00743 (07062901)	0.00685 (07062901)	0.00644 (05041521)
3757331.3	0.00808 (05062305)	0.00774 (07062901)	0.00749 (07062901)	0.00710 (07062901)	0.00659 (07062901)
3757301.3	0.00827 (05062305)	0.00760 (05062305)	0.00726 (07062901)	0.00711 (07062901)	0.00679 (07062901)
3757271.3	0.00812 (05062305)	0.00779 (05062305)	0.00718 (05062305)	0.00680 (07062901)	0.00674 (07062901)

*** AERMOD - VERSION 09292 *** *** Site 15 - NO2 ***

 06/29/10
 13:04:55
 PAGE 38

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Y-COORD (METERS)	X-COORD (METERS)				
	373170.44	373200.44	373230.44	373260.44	373290.44
3757241.3	0.00811 (07092704)	0.00765 (05062305)	0.00736 (05062305)	0.00679 (05062305)	0.00637 (07062901)
3757211.3	0.00866 (07090807)	0.00760 (07092704)	0.00723 (05062305)	0.00697 (05062305)	0.00644 (05062305)
3757181.3	0.00938 (07090807)	0.00810 (07090807)	0.00713 (07092704)	0.00685 (05062305)	0.00661 (05062305)
3757151.3	0.00982 (07090807)	0.00886 (07090807)	0.00756 (07090807)	0.00671 (07092704)	0.00650 (05062305)
3757121.3	0.00997 (07090807)	0.00939 (07090807)	0.00836 (07090807)	0.00705 (07090807)	0.00632 (07092704)
3757091.3	0.00981 (07090807)	0.00965 (07090807)	0.00895 (07090807)	0.00786 (07090807)	0.00657 (07090807)
3757061.3	0.00937 (07090807)	0.00963 (07090807)	0.00930 (07090807)	0.00850 (07090807)	0.00738 (07090807)
3757031.3	0.00871 (07090807)	0.00933 (07090807)	0.00939 (07090807)	0.00893 (07090807)	0.00805 (07090807)
3757001.3	0.00789 (07090807)	0.00881 (07090807)	0.00923 (07090807)	0.00912 (07090807)	0.00854 (07090807)
3756971.3	0.00698 (07090807)	0.00812 (07090807)	0.00884 (07090807)	0.00908 (07090807)	0.00882 (07090807)

*** AERMOD - VERSION 09292 *** *** Site 15 - NO2 ***

 06/29/10
 13:04:55
 PAGE 39

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Y-COORD (METERS)	X-COORD (METERS)				
	373320.44	373350.44	373380.44	373410.44	373440.44
3758441.3	0.00423 (07092823)	0.00455 (07092823)	0.00465 (07092823)	0.00460 (06090306)	0.00446 (06090306)
3758411.3	0.00474 (07092823)	0.00487 (07092823)	0.00487 (06090306)	0.00468 (06090306)	0.00453 (05062902)
3758381.3	0.00511 (07092823)	0.00505 (06090306)	0.00491 (06090306)	0.00474 (05062902)	0.00460 (06102522)
3758351.3	0.00531 (06090306)	0.00517 (06090306)	0.00498 (05062902)	0.00482 (06102522)	0.00472 (07062424)
3758321.3	0.00544 (06090306)	0.00523 (05062902)	0.00505 (06102522)	0.00503 (07062424)	0.00531 (05082707)
3758291.3	0.00551 (05062902)	0.00531 (06102522)	0.00536 (07062424)	0.00570 (05082707)	0.00637 (05082707)
3758261.3	0.00558 (06102522)	0.00571 (07062424)	0.00611 (05082707)	0.00676 (05082707)	0.00728 (05082707)
3758231.3	0.00608 (07062424)	0.00653 (05082707)	0.00716 (05082707)	0.00763 (05082707)	0.00794 (05082707)

Site #15 – Localized NO2 Concentrations

3758201.3	0.00697 (05082707)	0.00755 (05082707)	0.00796 (05082707)	0.00821 (05082707)	0.00829 (05082707)
3758171.3	0.00793 (05082707)	0.00827 (05082707)	0.00844 (05082707)	0.00844 (05082707)	0.00829 (05082707)
3758141.3	0.00855 (05082707)	0.00863 (05082707)	0.00855 (05082707)	0.00832 (05082707)	0.00796 (05082707)
3758111.3	0.00878 (05082707)	0.00862 (05082707)	0.00831 (05082707)	0.00788 (05082707)	0.00734 (05082707)
3758081.3	0.00864 (05082707)	0.00826 (05082707)	0.00776 (05082707)	0.00715 (05082707)	0.00648 (05082707)
3758051.3	0.00817 (05082707)	0.00760 (05082707)	0.00693 (05082707)	0.00620 (05082707)	0.00544 (05082707)
3758021.3	0.00740 (05082707)	0.00667 (05082707)	0.00589 (05082707)	0.00523 (07072804)	0.00499 (07072804)
3757991.3	0.00637 (05082707)	0.00564 (07072804)	0.00537 (07072804)	0.00520 (07112919)	0.00503 (07112919)
3757961.3	0.00583 (07112919)	0.00562 (07112919)	0.00541 (07112919)	0.00519 (07112919)	0.00496 (07112919)
3757931.3	0.00583 (07112919)	0.00557 (07112919)	0.00530 (07112919)	0.00502 (07112919)	0.00472 (07112919)
3757901.3	0.00569 (07112919)	0.00542 (05071903)	0.00527 (05071903)	0.00512 (05071903)	0.00497 (05071903)
3757871.3	0.00579 (05071903)	0.00559 (05071903)	0.00540 (05071903)	0.00522 (05071903)	0.00505 (05071903)
3757841.3	0.00583 (05071903)	0.00560 (05071903)	0.00540 (05091722)	0.00522 (05091722)	0.00504 (05091722)
3757811.3	0.00581 (06090106)	0.00560 (06090106)	0.00540 (06090106)	0.00521 (06090106)	0.00503 (07072605)
3757781.3	0.00595 (06112321)	0.00568 (06112321)	0.00543 (06112321)	0.00522 (06061524)	0.00505 (06061524)
3757751.3	0.00624 (06112321)	0.00600 (06112321)	0.00578 (06112321)	0.00556 (06112321)	0.00537 (06112321)
3757721.3	0.00632 (06112321)	0.00610 (06112321)	0.00589 (06112321)	0.00569 (06112321)	0.00551 (06112321)
3757691.3	0.00633 (06112321)	0.00610 (06112321)	0.00590 (06112321)	0.00570 (06112321)	0.00552 (06112321)
3757661.3	0.00626 (06112321)	0.00603 (06112321)	0.00582 (06112321)	0.00562 (06112321)	0.00544 (06112321)
3757631.3	0.00600 (06112321)	0.00576 (06112321)	0.00555 (06112321)	0.00535 (06112321)	0.00517 (06112321)
3757601.3	0.00545 (05012719)	0.00508 (05012719)	0.00489 (06112321)	0.00472 (06112321)	0.00456 (06112321)
3757571.3	0.00572 (07081802)	0.00542 (05012719)	0.00512 (05012719)	0.00482 (05012719)	0.00451 (05012719)
3757541.3	0.00586 (07081802)	0.00561 (07081802)	0.00535 (07081802)	0.00508 (05012719)	0.00484 (05012719)
3757511.3	0.00587 (07081802)	0.00566 (07081802)	0.00545 (07081802)	0.00524 (07081802)	0.00502 (07081802)
3757481.3	0.00586 (07081201)	0.00565 (07081201)	0.00542 (07081201)	0.00523 (07081802)	0.00507 (07081802)
3757451.3	0.00618 (05041521)	0.00568 (05041521)	0.00540 (07082904)	0.00523 (07081201)	0.00505 (07081201)
3757421.3	0.00643 (05041521)	0.00606 (05041521)	0.00564 (05041521)	0.00524 (07082904)	0.00502 (07082904)
3757391.3	0.00650 (05041521)	0.00623 (05041521)	0.00592 (05041521)	0.00556 (05041521)	0.00516 (05041521)
3757361.3	0.00636 (05041521)	0.00621 (05041521)	0.00601 (05041521)	0.00576 (05041521)	0.00547 (05041521)
3757331.3	0.00598 (07062901)	0.00595 (05041521)	0.00589 (05041521)	0.00577 (05041521)	0.00558 (05041521)
3757301.3	0.00635 (07062901)	0.00581 (07062901)	0.00551 (05041521)	0.00554 (05041521)	0.00549 (05041521)
3757271.3	0.00650 (07062901)	0.00613 (07062901)	0.00564 (07062901)	0.00511 (05090403)	0.00516 (05041521)

*** AERMOD - VERSION 09292 *** *** Site 15 - NO2 *** 06/29/10
 *** *** *** 13:04:55
 *** *** *** PAGE 40

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** CONC OF NOX IN PPM **

Y-COORD (METERS)	373320.44	373350.44	X-COORD (METERS)	373380.44	373410.44	373440.44
------------------	-----------	-----------	------------------	-----------	-----------	-----------

3757241.3	0.00638 (07062901)	0.00622 (07062901)	0.00591 (07062901)	0.00548 (07062901)	0.00496 (07062901)
3757211.3	0.00597 (07062901)	0.00605 (07062901)	0.00594 (07062901)	0.00569 (07062901)	0.00532 (07062901)
3757181.3	0.00612 (05062305)	0.00559 (07062901)	0.00572 (07062901)	0.00568 (07062901)	0.00548 (07062901)
3757151.3	0.00629 (05062305)	0.00583 (05062305)	0.00524 (07062901)	0.00542 (07062901)	0.00542 (07062901)
3757121.3	0.00618 (05062305)	0.00599 (05062305)	0.00556 (05062305)	0.00497 (05062305)	0.00512 (07062901)
3757091.3	0.00595 (07092704)	0.00589 (05062305)	0.00571 (05062305)	0.00531 (05062305)	0.00475 (05062305)
3757061.3	0.00611 (07090807)	0.00562 (07092704)	0.00563 (05062305)	0.00546 (05062305)	0.00508 (05062305)
3757031.3	0.00692 (07090807)	0.00574 (07092704)	0.00531 (05062305)	0.00538 (05062305)	0.00522 (05062305)
3757001.3	0.00762 (07090807)	0.00648 (07090807)	0.00546 (07092704)	0.00509 (05062305)	0.00515 (05062305)
3756971.3	0.00815 (07090807)	0.00719 (07090807)	0.00607 (07090807)	0.00519 (07092704)	0.00488 (05062305)

*** AERMOD - VERSION 09292 *** *** Site 15 - NO2 *** 06/29/10
 *** *** *** 13:04:55
 *** *** *** PAGE 41

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 3 YEARS ***

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

*** CONC OF NOX IN PPM **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372922.94	3757605.69	0.01631	(07062901)	372861.54	3757481.08	0.02324	(06053105)
372438.96	3757746.55	0.00922	(07081605)	372431.74	3757838.64	0.00893	(07081605)
372435.35	3757928.94	0.00890	(06071402)				

*** AERMOD - VERSION 09292 *** *** Site 15 - NO2 *** 06/29/10
 *** *** *** 13:04:55
 *** *** *** PAGE 42

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 3 YEARS ***

*** CONC OF NOX IN PPM **

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	0.00608 AT (372750.44, 3757721.30, 10.00, 10.00, 0.00)	GC	UCART1
	2ND HIGHEST VALUE IS	0.00606 AT (372750.44, 3757751.30, 10.00, 10.00, 0.00)	GC	UCART1
	3RD HIGHEST VALUE IS	0.00601 AT (372750.44, 3757691.30, 10.00, 10.00, 0.00)	GC	UCART1
	4TH HIGHEST VALUE IS	0.00595 AT (372780.44, 3757751.30, 10.00, 10.00, 0.00)	GC	UCART1
	5TH HIGHEST VALUE IS	0.00594 AT (372750.44, 3757781.30, 10.00, 10.00, 0.00)	GC	UCART1
	6TH HIGHEST VALUE IS	0.00592 AT (372780.44, 3757721.30, 10.00, 10.00, 0.00)	GC	UCART1
	7TH HIGHEST VALUE IS	0.00589 AT (372780.44, 3757781.30, 10.00, 10.00, 0.00)	GC	UCART1
	8TH HIGHEST VALUE IS	0.00585 AT (372750.44, 3757661.30, 10.00, 10.00, 0.00)	GC	UCART1
	9TH HIGHEST VALUE IS	0.00581 AT (372780.44, 3757691.30, 10.00, 10.00, 0.00)	GC	UCART1
	10TH HIGHEST VALUE IS	0.00570 AT (372780.44, 3757811.30, 10.00, 10.00, 0.00)	GC	UCART1

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

*** AERMOD - VERSION 09292 *** *** Site 15 - NO2 *** 06/29/10
 *** *** *** 13:04:55
 *** *** *** PAGE 43

*** MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

Site #15 – Localized NO2 Concentrations

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

```

** CONC OF NOX      IN PPM
          DATE
GROUP ID  AVERAGE CONC (YYMMDDHH) RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE NETWORK
-----
ALL      HIGH 1ST HIGH VALUE IS      0.03709 ON 07070206: AT ( 372780.44, 3757871.30, 10.00, 10.00, 0.00) GC UCART1
  
```

```

*** RECEPTOR TYPES: GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
*** AERMOD - VERSION 09292 ***   *** Site 15 - NO2
                      ***
  
```

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***      06/29/10
***      13:04:55
***      PAGE 44
  
```

```

**MODELOPTs: NonDEFAULT CONC          FLAT
                                         NODRYDPLT NOWETDPLT
  
```

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

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

```

A Total of      0 Fatal Error Message(s)
A Total of      0 Warning Message(s)
A Total of     152 Informational Message(s)

A Total of     26280 Hours Were Processed

A Total of      15 Calm Hours Identified

A Total of      137 Missing Hours Identified ( 0.52 Percent)
  
```

```

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

```

***** WARNING MESSAGES *****
*** NONE ***
  
```

```

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

Site #15 – Localized PM10 Concentrations

```

**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 6.5.0
** Lakes Environmental Software Inc.
** Date: 6/29/2010
** File: C:\Documents and Settings\ssilverman\Desktop\Site 15\PM10.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
TITLEONE Site 15 - PM10
MODELOPT CONC NODRYDPLT NOWETDPLT FLAT
AVERTIME 24
URBANOPT 9862049 Los_Angeles_County
POLLUTID PM10.
RUNORNOT RUN
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION AREA1 AREA 372695.400 3757574.990 0.0
** DESCRSRC Exhuast
LOCATION AREA2 AREA 372695.400 3757574.990 0.0
** DESCRSRC Dust
** Source Parameters **
SRCPARAM AREA1 9.976E-07 4.100 135.440 299.009 0.000
SRCPARAM AREA2 0.0000484 0.000 135.440 299.009 0.000 0.000
URBANSRC AREA1-AREA2
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
GRIDCART UCART1 STA
XYINC 371970.44 50 30.00 3756971.30 50 30.00
GRIDCART UCART1 END
** DESCRREC ** **
DISCCART 372922.94 3757605.69
DISCCART 372861.54 3757481.08
DISCCART 372438.96 3757746.55
DISCCART 372431.74 3757838.64
DISCCART 372435.35 3757928.94
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
SURFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC"
PROFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL"
SURFDATA 0 2005
UAIRDATA 3190 2005
PROFBASE 10 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 24 1ST
** Auto-Generated Plotfiles
PLOTFILE 24 ALL 1ST PM10.AD\24H1GALL.PLT
OU FINISHED

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

*** AERMOD - VERSION 09292 ***      *** Site 15 - PM10      ***      06/29/10
***                                     ***                                     ***      15:44:24
**MODELOPTs:  NonDEFAULT CONC      FLAT                                     ***      PAGE 1
                                     NODRYDPLT NOWETDPLT
***      MODEL SETUP OPTIONS SUMMARY      ***

-----
**Model Is Setup For Calculation of Average CONCentration Values.
-- DEPOSITION LOGIC --
**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION.  DRYDPLT = F
**Model Uses NO WET DEPLETION.  WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for      2 Source(s),
for Total of      1 Urban Area(s):
Urban Population = 9862049.0 ; Urban Roughness Length = 1.000 m

**Model Allows User-Specified Options:
1. Stack-tip Downwash.

```


Site #15 – Localized PM10 Concentrations

Table with 6 columns of data representing various source IDs and their corresponding PM10 concentrations. Includes header information like '*** AERMOD - VERSION 09292 ***' and '*** Site 15 - PM10 ***'.

Table with 6 columns: Y-COORD (METERS), X-COORD (METERS), and four columns of PM10 concentration values. Includes header information like '*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***'.

Table with 6 columns: Y-COORD (METERS), X-COORD (METERS), and four columns of PM10 concentration values. Includes header information like '*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***'.

Table with 6 columns: Y-COORD (METERS), X-COORD (METERS), and four columns of PM10 concentration values. Includes header information like '*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***'.

Site #15 – Localized PM10 Concentrations

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3757091.3 | 56.26828 (05100924) | 57.77107 (05100924) | 57.85343 (05100924) | 58.55315 (05122924) | 61.38429 (05122924)
3757061.3 | 54.31242 (05100924) | 54.41630 (05100924) | 54.50744 (05122924) | 57.23628 (05122924) | 58.37717 (05122924)
3757031.3 | 51.32430 (05100924) | 50.86652 (05122924) | 53.47314 (05122924) | 54.74837 (05122924) | 54.31568 (05122924)
3757001.3 | 47.57676 (05122924) | 50.05311 (05122924) | 51.40946 (05122924) | 51.32027 (05122924) | 49.53928 (05122924)
3756971.3 | 46.93746 (05122924) | 48.33314 (05122924) | 48.50756 (05122924) | 47.22881 (05122924) | 44.36568 (05122924)
*** AERMOD - VERSION 09292 *** *** Site 15 - PM10 *** *** 06/29/10
*** *** *** 15:44:24
*** *** *** PAGE 12

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**MODELOPTs: NonDEFAULT CONC                                     FLAT
                                                            NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 372270.44 | 372300.44 | 372330.44 | 372360.44 | 372390.44
-----|-----|-----|-----|-----|-----
3758441.3 | 29.40116 (05082524) | 27.50294 (05082524) | 26.37665 (05101024) | 26.06445 (05101024) | 26.04204 (07030924)
3758411.3 | 32.71206 (06062824) | 30.73398 (05082524) | 28.07360 (05082524) | 27.65575 (05101024) | 26.64790 (07030924)
3758381.3 | 36.30744 (06062824) | 33.86335 (06062824) | 31.97647 (05082524) | 28.42758 (05082524) | 28.59099 (05101024)
3758351.3 | 38.56731 (06062824) | 38.00005 (06062824) | 35.62475 (05082524) | 33.09424 (05082524) | 29.97258 (05101024)
3758321.3 | 39.22601 (06062824) | 40.73989 (06062824) | 39.81302 (06062824) | 37.51900 (05082524) | 34.04684 (05082524)
3758291.3 | 38.28734 (06062824) | 41.74506 (06062824) | 43.10860 (06062824) | 41.76584 (06062824) | 39.38581 (05082524)
3758261.3 | 35.95435 (06062824) | 40.99768 (06062824) | 44.51690 (06062824) | 45.70696 (06062824) | 44.11762 (05082524)
3758231.3 | 32.47944 (06062824) | 38.72394 (06062824) | 43.99346 (06062824) | 47.59181 (06062824) | 48.58283 (06062824)
3758201.3 | 30.98571m(05010924) | 35.20141 (06062824) | 41.79797 (06062824) | 47.33351 (06062824) | 51.03420 (06062824)
3758171.3 | 29.86643 (06092024) | 33.56819m(05010924) | 38.24586 (06062824) | 45.23790 (06062824) | 51.08687 (06062824)
3758141.3 | 29.46546 (07080524) | 32.65556 (06092024) | 36.51274m(05010924) | 41.73224m(05010924) | 49.11053 (06062824)
3758111.3 | 33.67436 (06110124) | 33.04415 (06110124) | 35.71375 (06092024) | 39.89915m(05010924) | 45.91906m(05010924)
3758081.3 | 35.14850 (06110124) | 36.14776 (06110124) | 37.46507 (05021824) | 39.06382 (06092024) | 43.82142m(05010924)
3758051.3 | 37.80453 (06090824) | 38.93010 (06090824) | 41.06734 (05021824) | 43.41837 (05021824) | 45.50058 (05021824)
3758021.3 | 41.07099 (06090824) | 43.24119 (06090824) | 44.99798 (06090824) | 47.56243 (05021824) | 50.73498 (05021824)
3757991.3 | 44.12936 (07020624) | 46.06819 (06090824) | 49.23688 (06090824) | 52.02350 (06090824) | 55.42742 (05021824)
3757961.3 | 51.02312 (07020624) | 52.18552 (07020624) | 55.04736 (07020624) | 55.28897 (06090824) | 59.53296 (06090824)
3757931.3 | 53.77148 (07020624) | 56.11556 (07020624) | 58.47113 (07020624) | 60.87681 (07020624) | 63.31713 (07020624)
3757901.3 | 54.79755 (07020624) | 57.91647 (07020624) | 61.00492 (07020624) | 64.20240 (07020624) | 67.65797 (07020624)
3757871.3 | 55.56216 (07020624) | 59.79550 (07020624) | 63.93212 (07020624) | 68.05943 (07020624) | 72.36030 (07020624)
3757841.3 | 56.57330 (05122624) | 61.29572 (07020624) | 66.94722 (07020624) | 72.66193 (07020624) | 78.49981 (07020624)
3757811.3 | 66.18118 (05122624) | 70.17543 (05122624) | 74.65222 (05122624) | 79.74832 (05122624) | 87.22481 (07112524)
3757781.3 | 71.44366 (05122624) | 75.42621 (05122624) | 79.83299 (05122624) | 84.77346 (07112524) | 93.28018 (07112524)
3757751.3 | 73.14476m(05012424) | 80.33361m(05012424) | 88.44558m(05012424) | 97.54949m(05012424) | 107.71683m(05012424)
3757721.3 | 86.10493m(05012424) | 93.33191m(05012424) | 101.12111m(05012424) | 109.53568m(05012424) | 118.72638m(05012424)
3757691.3 | 94.02716m(05012424) | 100.60646m(05012424) | 107.76171m(05012424) | 115.55071m(05012424) | 124.41373m(05012424)
3757661.3 | 96.27262m(05012424) | 102.60194m(05012424) | 109.69737m(05012424) | 117.91843m(05012424) | 127.74815m(05012424)
3757631.3 | 93.74218m(05012424) | 100.11932m(05012424) | 107.66973m(05012424) | 116.77378m(05012424) | 127.80336m(05012424)
3757601.3 | 88.85709m(05012424) | 95.22196m(05012424) | 102.89070m(05012424) | 112.09442m(05012424) | 122.94535m(05012424)
3757571.3 | 88.40755 (06012524) | 96.37740 (06012524) | 105.57770 (06012524) | 115.80181 (06012524) | 126.72160 (06012524)
3757541.3 | 92.44536 (06012524) | 100.39338 (06012524) | 108.91763 (06012524) | 117.67036 (06012524) | 128.17921 (05121124)
3757511.3 | 92.73507 (06012524) | 99.15871 (06012524) | 109.42475 (05121124) | 121.24632 (05121124) | 133.16740 (05121124)
3757481.3 | 94.30209 (05121124) | 103.94204 (05121124) | 113.64705 (05121124) | 123.01235 (05121124) | 131.62114 (05121124)
3757451.3 | 97.56332 (05121124) | 105.11932 (05121124) | 111.92783 (05121124) | 117.52210 (05121124) | 122.00444 (06123024)
3757421.3 | 95.88875 (05121124) | 100.40082 (05121124) | 103.51438 (05121124) | 111.43718 (06123024) | 123.16531 (06123024)
3757391.3 | 89.18920 (05121124) | 92.68574 (05110524) | 101.96747 (05110524) | 110.97504 (06123024) | 118.88473 (06123024)
3757361.3 | 86.30273 (05110524) | 94.30504 (05110524) | 100.96268 (05110524) | 105.85090 (06123024) | 113.59579 (05120824)
3757331.3 | 87.46688 (05110524) | 92.80462 (05110524) | 96.75481 (05120824) | 103.17938 (05120824) | 107.71917 (05120824)
3757301.3 | 85.39191 (0510524) | 89.32708 (05120824) | 94.26404 (05100924) | 98.04134 (05100924) | 98.84884 (05100924)
3757271.3 | 82.61055 (05120824) | 86.68660 (05100924) | 89.77120 (05100924) | 90.24002 (05100924) | 95.37283 (05122924)
*** AERMOD - VERSION 09292 *** *** Site 15 - PM10 *** *** 06/29/10
*** *** *** 15:44:24
*** *** *** PAGE 13

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**MODELOPTs: NonDEFAULT CONC                                     FLAT
                                                            NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 372270.44 | 372300.44 | 372330.44 | 372360.44 | 372390.44
-----|-----|-----|-----|-----
3757241.3 | 80.00151 (05100924) | 82.58507 (05100924) | 82.85624 (05100924) | 87.21656 (05122924) | 89.84276 (05122924)
3757211.3 | 76.31609 (05100924) | 76.46926 (05100924) | 80.05047 (05122924) | 82.86849 (05122924) | 81.81645 (05122924)
3757181.3 | 70.90529 (05100924) | 73.71339 (05122924) | 76.62899 (05122924) | 76.30042 (05122924) | 72.09986 (05122924)
3757151.3 | 68.08012 (05122924) | 71.02008 (05122924) | 71.24054 (05122924) | 68.16219 (05122924) | 61.64045 (05122924)
3757121.3 | 65.96093 (05122924) | 66.59153 (05122924) | 64.41662 (05122924) | 59.22787 (05122924) | 51.26347 (05122924)
3757091.3 | 62.31658 (05122924) | 60.86190 (05122924) | 56.78307 (05122924) | 50.18057 (05122924) | 49.19984 (07120924)
3757061.3 | 57.49540 (05122924) | 54.33599 (05122924) | 48.90625 (05122924) | 45.35761 (05112824) | 48.39536 (06120424)
3757031.3 | 51.91440 (05122924) | 47.48606 (05122924) | 42.16391 (05112824) | 43.50763 (07120924) | 47.84404 (06120424)
3757001.3 | 45.95981 (05122924) | 40.68708 (05122924) | 40.65122 (05112824) | 43.03564 (06120424) | 46.80166 (06120424)
3756971.3 | 39.95509 (05122924) | 38.15504 (05112824) | 38.66801 (07120924) | 42.53027 (06120424) | 45.35242 (06120424)
*** AERMOD - VERSION 09292 *** *** Site 15 - PM10 *** *** 06/29/10
*** *** *** 15:44:24
*** *** *** PAGE 14

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**MODELOPTs: NonDEFAULT CONC                                     FLAT
                                                            NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 372420.44 | 372450.44 | 372480.44 | 372510.44 | 372540.44
-----|-----|-----|-----|-----
3758441.3 | 33.81295 (06090524) | 40.93906 (06090524) | 45.48872 (06090524) | 46.75898 (06090524) | 45.64997 (06090524)
3758411.3 | 31.84232 (06090524) | 40.12110 (06090524) | 46.44008 (06090524) | 49.41256 (06090524) | 49.36760 (06090524)
3758381.3 | 29.50144 (06090524) | 38.63448 (06090524) | 46.65707 (06090524) | 51.59816 (06090524) | 53.02341 (06090524)
3758351.3 | 30.05815 (07030924) | 36.54074 (06090524) | 46.05970 (06090524) | 53.13157 (06090524) | 56.44758 (06090524)
3758321.3 | 31.43078 (05101024) | 33.94734 (06090524) | 44.63094 (06090524) | 53.84279 (06090524) | 59.44206 (06090524)
3758291.3 | 34.79195 (05082524) | 34.06855 (07030924) | 42.41445 (06090524) | 55.88815 (06090524) | 61.76993 (06090524)
3758261.3 | 41.20687 (05082524) | 35.29330 (05082524) | 39.51946 (06090524) | 52.28687 (06090524) | 63.19610 (06090524)
3758231.3 | 46.97045 (05082524) | 42.95092 (05082524) | 38.81615 (07030924) | 49.95035 (06090524) | 63.46877 (06090524)

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Site #15 – Localized PM10 Concentrations

Table with 7 columns of PM10 concentration data for various locations and dates. Includes a summary row: *** AERMOD - VERSION 09292 *** Site 15 - PM10

06/29/10
15:44:24
PAGE 15

**MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL , AREA2 ,
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
** CONC OF PM10. IN MICROGRAMS/M**3 **

Table with 7 columns: Y-COORD (METERS), 372420.44, 372450.44, X-COORD (METERS), 372480.44, 372510.44, 372540.44. Contains PM10 concentration data for various locations.

*** AERMOD - VERSION 09292 *** Site 15 - PM10
06/29/10
15:44:24
PAGE 16

**MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL , AREA2 ,
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
** CONC OF PM10. IN MICROGRAMS/M**3 **

Table with 7 columns: Y-COORD (METERS), 372570.44, 372600.44, X-COORD (METERS), 372630.44, 372660.44, 372690.44. Contains PM10 concentration data for various locations.

Site #15 – Localized PM10 Concentrations

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3757301.3 | 106.37662 (06120424) | 105.41134 (06010524) | 105.99972 (05020424) | 104.40599 (05020424) | 144.50476 (07081524)
3757271.3 | 97.06405 (06120424) | 94.29220 (06010524) | 98.33235 (05020424) | 92.64771 (05020424) | 136.97475 (07081524)
*** AERMOD - VERSION 09292 *** *** Site 15 - PM10 ***

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**MODELOPTs: NonDEFAULT CONC                                FLAT
NODRYDPLT NOWETDPLT

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):   AREAL , AREA2 ,
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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** CONC OF PM10.      IN MICROGRAMS/M**3      **
-----
Y-COORD | X-COORD (METERS)
(METERS) | 372570.44      372600.44      372630.44      372660.44      372690.44
-----
3757241.3 | 87.16869 (06120424) | 87.06004 (05020424) | 90.31208 (05020424) | 82.54808 (06112824) | 130.05733 (07081524)
3757211.3 | 77.64952 (06010524) | 82.69673 (05020424) | 82.23391 (05020424) | 76.50595 (07081524) | 123.63544 (07081524)
3757181.3 | 72.06849 (05020424) | 77.67345 (05020424) | 74.36214 (05020424) | 75.10426 (07081524) | 117.62357 (07081524)
3757151.3 | 69.72769 (05020424) | 72.26940 (05020424) | 66.87329 (05020424) | 73.55781 (07081524) | 111.96969 (07081524)
3757121.3 | 66.68517 (05020424) | 66.72378 (05020424) | 60.87473 (06112824) | 71.88094 (07081524) | 106.64106 (07081524)
3757091.3 | 63.15745 (05020424) | 61.22338 (05020424) | 57.48968 (05102624) | 70.10082 (07081524) | 101.61603 (07081524)
3757061.3 | 59.33525 (05020424) | 55.90355 (05020424) | 54.95718 (05102624) | 68.23869 (07081524) | 96.89074 (07081524)
3757031.3 | 55.37046 (05020424) | 50.86477 (05020424) | 52.35138 (05102624) | 66.31432 (07081524) | 92.45266 (07081524)
3757001.3 | 51.40131 (05020424) | 47.17077 (06112824) | 49.73501 (05102624) | 64.35766 (07081524) | 88.29968 (07081524)
3756971.3 | 47.51267 (05020424) | 45.06138 (05102624) | 47.13984 (05102624) | 62.38332 (07081524) | 84.42226 (07081524)
*** AERMOD - VERSION 09292 *** *** Site 15 - PM10 ***

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**MODELOPTs: NonDEFAULT CONC                                FLAT
NODRYDPLT NOWETDPLT

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):   AREAL , AREA2 ,
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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** CONC OF PM10.      IN MICROGRAMS/M**3      **
-----
Y-COORD | X-COORD (METERS)
(METERS) | 372720.44      372750.44      372780.44      372810.44      372840.44
-----
3758441.3 | 53.82884 (07050924) | 57.95722 (07050924) | 52.74109 (07050924) | 50.69666 (07083124) | 55.70361 (07083124)
3758411.3 | 56.32227 (07050924) | 60.88257 (07050924) | 55.42290 (07050924) | 54.80386 (07083124) | 60.20014 (07083124)
3758381.3 | 59.01944 (07050924) | 64.05393 (07050924) | 58.34491 (07050924) | 59.46634 (07083124) | 65.24000 (07083124)
3758351.3 | 61.94658 (07050924) | 67.50083 (07050924) | 61.54217 (07050924) | 64.78202 (07083124) | 70.89678 (07083124)
3758321.3 | 65.13800 (07050924) | 71.25706 (07050924) | 65.05340 (07050924) | 70.86679 (07083124) | 77.25227 (07083124)
3758291.3 | 68.63463 (07050924) | 75.36672 (07050924) | 68.92315 (07050924) | 77.86329 (07083124) | 84.39274 (07083124)
3758261.3 | 72.48943 (07050924) | 79.87891 (07050924) | 73.41522 (07083124) | 85.94029 (07083124) | 92.42324 (07083124)
3758231.3 | 76.76483 (07050924) | 84.85518 (07050924) | 81.41883 (07083124) | 95.29997 (07083124) | 101.44562 (07083124)
3758201.3 | 81.54435 (07050924) | 90.37309 (07050924) | 80.89541 (07083124) | 106.17797 (07083124) | 111.57653 (07083124)
3758171.3 | 86.93720 (07050924) | 96.53182 (07050924) | 102.20437 (07083124) | 118.86245 (07083124) | 122.93370 (07083124)
3758141.3 | 93.08573 (07050924) | 103.45885 (07050924) | 115.80234 (07083124) | 133.69575 (07083124) | 135.63476 (07083124)
3758111.3 | 101.69530 (06091124) | 111.33136 (07050924) | 132.27770 (07083124) | 151.09003 (07083124) | 149.83137 (07083124)
3758081.3 | 120.24093 (06090524) | 120.40422 (07050924) | 152.38649 (07083124) | 171.56802 (07083124) | 165.74050 (07083124)
3758051.3 | 144.47337 (06090524) | 134.26226 (07083124) | 177.11397 (07083124) | 195.86218 (07083124) | 183.82146 (07083124)
3758021.3 | 174.46385 (06090524) | 160.05746 (07083124) | 207.82831 (07083124) | 225.28323 (07083124) | 205.02140 (07083124)
3757991.3 | 211.97437 (06090524) | 194.92280 (07083124) | 246.68041 (07083124) | 262.44211 (07083124) | 230.92950 (07083124)
3757961.3 | 260.83818 (06090524) | 249.06957 (06090524) | 298.14046 (07083124) | 312.60496 (07083124) | 263.69513 (07083124)
3757931.3 | 331.15247 (06090524) | 330.01835 (06090524) | 373.16166 (07083124) | 386.49829 (07083124) | 306.16357 (07083124)
3757901.3 | 465.42684 (06090524) | 477.10648 (06090524) | 504.42439 (07083124) | 516.36532 (07083124) | 385.11575 (07071524)
3757871.3 | 1140.53578 (06090524) | 1185.20900 (05082924) | 1210.38928 (05082924) | 1168.42336 (05082924) | 664.86769 (06110124)
3757841.3 | 1301.93296 (06121424) | 1307.70484 (06121424) | 1249.10784 (06121424) | 1315.83651 (07111824) | 743.80016 (07111824)
3757811.3 | 1364.38889 (06121424) | 1354.65749 (06121424) | 1268.19989 (06121424) | 1332.97583 (07111824) | 766.14283 (07111824)
3757781.3 | 1388.29979 (06121424) | 1363.58022 (06121424) | 1317.19020 (07013024) | 1326.46250 (07111824) | 761.66107 (07111824)
3757751.3 | 1392.25793 (06121424) | 1362.47259 (06121424) | 1338.42711 (07013024) | 1315.24826 (07111824) | 748.58946 (07111824)
3757721.3 | 1385.79685 (06121424) | 1369.03933 (050110124) | 1349.20686 (07013024) | 1300.57761 (07111824) | 742.96822 (06101024)
3757691.3 | 1384.88171 (050110124) | 1380.60235 (050110124) | 1354.52503 (07013024) | 1287.82040 (05111024) | 735.40482 (06101024)
3757661.3 | 1394.92843 (050110124) | 1386.38890 (050110124) | 1355.21752 (07013024) | 1258.74426 (05111024) | 711.98640 (05102324)
3757631.3 | 1400.04698 (050110124) | 1381.78461 (050110124) | 1344.40649 (07013024) | 1228.96491 (07013024) | 679.42756 (05102324)
3757601.3 | 1388.51511 (050110124) | 1356.55185 (050110124) | 1304.10642 (07013024) | 1184.89846 (07013024) | 620.78969 (06051424)
3757571.3 | 1014.90555 (07081524) | 1056.18455 (07081524) | 1044.93952 (07081524) | 961.27123 (07081524) | 387.73829 (05040924)
3757541.3 | 593.73811 (07081524) | 637.77355 (07081524) | 625.49312 (07081524) | 536.45740 (07081524) | 266.66431 (05120324)
3757511.3 | 467.60234 (07081524) | 512.63216 (07081524) | 498.53198 (07081524) | 409.02649 (07081524) | 220.45611 (05120324)
3757481.3 | 393.16746 (07081524) | 436.83198 (07081524) | 421.23818 (07081524) | 336.33670 (07081524) | 185.36016 (05120324)
3757451.3 | 341.67191 (07081524) | 382.59712 (07081524) | 365.07194 (07081524) | 288.07697 (07081524) | 157.16476 (05120324)
3757421.3 | 303.08710 (07081524) | 340.52624 (07081524) | 323.37175 (07081524) | 253.24059 (07081524) | 133.65189 (05120324)
3757391.3 | 272.67452 (07081524) | 306.29426 (07081524) | 289.36538 (07081524) | 226.64402 (07081524) | 115.57107 (07081524)
3757361.3 | 247.81086 (07081524) | 277.59834 (07081524) | 261.55918 (07081524) | 205.50521 (07081524) | 109.69013 (07081524)
3757331.3 | 226.91193 (07081524) | 253.09934 (07081524) | 238.41932 (07081524) | 188.20434 (07081524) | 104.43684 (07081524)
3757301.3 | 208.96771 (07081524) | 231.94376 (07081524) | 218.85560 (07081524) | 173.71032 (07081524) | 99.70204 (07081524)
3757271.3 | 193.30545 (07081524) | 213.55351 (07081524) | 202.09492 (07081524) | 161.33626 (07081524) | 95.40152 (07081524)
*** AERMOD - VERSION 09292 *** *** Site 15 - PM10 ***

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***
**MODELOPTs: NonDEFAULT CONC                                FLAT
NODRYDPLT NOWETDPLT

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):   AREAL , AREA2 ,
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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```

** CONC OF PM10.      IN MICROGRAMS/M**3      **
-----
Y-COORD | X-COORD (METERS)
(METERS) | 372720.44      372750.44      372780.44      372810.44      372840.44
-----
3757241.3 | 179.47513 (07081524) | 197.48267 (07081524) | 187.55871 (07081524) | 150.61129 (07081524) | 91.46793 (07081524)
3757211.3 | 167.16534 (07081524) | 183.37750 (07081524) | 174.82067 (07081524) | 141.20116 (07081524) | 87.84058 (07081524)
3757181.3 | 156.14750 (07081524) | 170.94405 (07081524) | 163.56220 (07081524) | 132.85545 (07081524) | 84.48854 (07081524)
3757151.3 | 146.25801 (07081524) | 159.92820 (07081524) | 153.53093 (07081524) | 125.39059 (07081524) | 81.36293 (07081524)
3757121.3 | 137.35741 (07081524) | 150.12487 (07081524) | 144.53769 (07081524) | 118.66123 (07081524) | 78.43930 (07081524)
3757091.3 | 129.33338 (07081524) | 141.35290 (07081524) | 136.42317 (07081524) | 112.55841 (07081524) | 75.69235 (07081524)
3757061.3 | 122.08500 (07081524) | 133.46679 (07081524) | 129.06812 (07081524) | 106.99252 (07081524) | 73.10298 (07081524)
3757031.3 | 115.52752 (07081524) | 126.34322 (07081524) | 122.37139 (07081524) | 101.89405 (07081524) | 70.65450 (07081524)
3757001.3 | 109.58037 (07081524) | 119.87681 (07081524) | 116.25214 (07081524) | 97.20590 (07081524) | 68.33439 (07081524)
3756971.3 | 104.17297 (07081524) | 113.98572 (07081524) | 110.64045 (07081524) | 92.88198 (07081524) | 66.13097 (07081524)
*** AERMOD - VERSION 09292 *** *** Site 15 - PM10 ***

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Site #15 – Localized PM10 Concentrations

15:44:24
PAGE 20

**MODELOPTs: NonDEFAULT CONC
FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372870.44	372900.44	X-COORD (METERS) 372930.44	372960.44	372990.44
3758441.3	58.78125 (07083124)	59.34018 (07083124)	57.03420 (07083124)	51.99533 (07083124)	44.88634 (07083124)
3758411.3	63.17849 (07083124)	63.10380 (07083124)	59.75957 (07083124)	53.49153 (07083124)	47.89571 (05052624)
3758381.3	67.98005 (07083124)	67.06852 (07083124)	62.46531 (07083124)	54.78416 (07083124)	51.79863 (05052624)
3758351.3	73.22338 (07083124)	71.21155 (07083124)	65.08956 (07083124)	55.80532 (07083124)	55.52899 (05052624)
3758321.3	78.92137 (07083124)	75.50321 (07083124)	67.56038 (07083124)	57.88897 (05052624)	58.97726 (05052624)
3758291.3	85.09251 (07083124)	79.88478 (07083124)	69.78385 (07083124)	63.21321 (05052624)	62.03489 (05052624)
3758261.3	91.75287 (07083124)	84.27755 (07083124)	71.64320 (07083124)	68.35829 (05052624)	64.59486 (05052624)
3758231.3	98.87320 (07083124)	88.57688 (07083124)	73.01812 (07083124)	73.15231 (05052624)	66.62604 (07071524)
3758201.3	106.42900 (07083124)	92.63220 (07083124)	79.73116 (05052624)	77.40036 (05052624)	77.55917 (07071524)
3758171.3	114.33685 (07083124)	96.28691 (07083124)	87.21887 (05052624)	80.88724 (05052624)	87.22736 (07071524)
3758141.3	122.50397 (07083124)	99.37282 (07083124)	94.24101 (05052624)	91.85242 (07071524)	94.88089 (07071524)
3758111.3	130.82517 (07083124)	105.44346 (05052624)	100.40824 (05052624)	103.90004 (07071524)	99.90152 (07071524)
3758081.3	139.23731 (07083124)	117.24732 (05052624)	112.18584 (07071524)	113.64800 (07071524)	102.49104 (07071524)
3758051.3	147.73812 (07083124)	128.59723 (05052624)	128.56564 (07071524)	120.67229 (07071524)	103.67648 (07071524)
3758021.3	156.28931 (07083124)	144.76514 (07071524)	142.69685 (07071524)	125.66525 (07071524)	117.56919 (07092824)
3757991.3	175.14830 (05052624)	170.51416 (07071524)	154.00680 (07071524)	139.93614 (07092824)	148.53706 (06101024)
3757961.3	208.05176 (07071524)	193.42006 (07071524)	172.00245 (07092824)	187.35907 (06101024)	188.01473 (06101024)
3757931.3	256.39329 (07071524)	235.87359 (06101024)	238.96008 (06101024)	223.97801 (06101024)	205.63767 (06101024)
3757901.3	350.05447 (06101024)	308.87288 (06101024)	267.23709 (06101024)	235.82515 (06101024)	211.58089 (06101024)
3757871.3	420.04669 (06101024)	331.09379 (06101024)	279.14452 (06101024)	243.51224 (06101024)	216.32445 (06101024)
3757841.3	438.41739 (06101024)	343.66661 (06101024)	288.05499 (06101024)	249.29776 (06101024)	218.65252 (06101024)
3757811.3	444.86913 (06101024)	346.31742 (06101024)	289.59738 (06101024)	248.30102 (06101024)	213.57479 (06101024)
3757781.3	452.37230 (06101024)	346.54456 (06101024)	285.10287 (06101024)	238.80356 (06101024)	198.13109 (06101024)
3757751.3	457.09350 (06101024)	344.80258 (06101024)	272.87924 (06101024)	217.77650 (06101024)	179.38717 (05081824)
3757721.3	454.51003 (06101024)	332.36896 (06101024)	250.37868 (05102324)	206.80996 (05081824)	179.78643 (05081824)
3757691.3	433.93615 (06101024)	318.17119 (06051424)	253.85593 (06051424)	206.97871 (06051424)	170.57510 (06051424)
3757661.3	411.06103 (06051424)	309.46151 (06051424)	249.55687 (06051424)	208.73804 (06051424)	177.44744 (06051424)
3757631.3	392.84042 (06051424)	295.05739 (06051424)	241.12063 (06051424)	205.10350 (06051424)	177.42169 (06051424)
3757601.3	358.12549 (06051424)	270.52865 (06051424)	221.59385 (06051424)	188.86580 (06051424)	164.43942 (06051424)
3757571.3	258.20541 (06051424)	208.36753 (06051424)	177.80258 (06051424)	156.35295 (06051424)	139.86359 (06051424)
3757541.3	202.92178 (05040924)	166.16648 (05040924)	136.73137 (05040924)	117.24154 (06051424)	110.21881 (06051424)
3757511.3	157.16967 (05120324)	140.73709 (05040924)	122.49677 (05040924)	105.24624 (05040924)	91.00222 (05012924)
3757481.3	149.04326 (05120324)	115.15444 (05040924)	106.85798 (05040924)	95.97293 (05040924)	84.79209 (05040924)
3757451.3	136.41388 (05120324)	106.91031 (05120324)	90.46417 (05040924)	85.02130 (05040924)	77.94257 (05040924)
3757421.3	122.63225 (05120324)	103.42618 (05120324)	84.56487 (05061324)	73.64429 (05040924)	69.77464 (05040924)
3757391.3	109.05747 (05120324)	97.30707 (05120324)	79.91813 (05120324)	68.88491 (05061324)	61.56366 (05040924)
3757361.3	96.27671 (05120324)	89.81752 (05120324)	77.98438 (05120324)	66.30261 (05061324)	56.81822 (05061324)
3757331.3	84.61449 (05120324)	81.80279 (05120324)	74.33959 (05120324)	62.92983 (05120324)	55.78052 (05061324)
3757301.3	74.26024 (05120324)	73.81108 (05120324)	69.62575 (05120324)	61.69347 (05120324)	53.59064 (05061324)
3757271.3	67.77939 (07120824)	66.21785 (05120324)	64.35765 (05120324)	59.26848 (05120324)	51.27667 (05120324)

06/29/10
15:44:24
PAGE 21

**MODELOPTs: NonDEFAULT CONC
FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372870.44	372900.44	X-COORD (METERS) 372930.44	372960.44	372990.44
3757241.3	63.86846 (07120824)	59.25244 (05120324)	58.93327 (05120324)	56.03879 (05120324)	50.40963 (05120324)
3757211.3	59.94922 (07120824)	53.03473 (05120324)	53.64568 (05120324)	52.33660 (05120324)	48.68442 (05120324)
3757181.3	56.11757 (07120824)	51.28968 (07120824)	48.68419 (05120324)	48.44748 (05120324)	46.34409 (05120324)
3757151.3	52.43898 (07120824)	49.43683 (07120824)	44.15798 (05120324)	44.58406 (05120324)	43.62115 (05120324)
3757121.3	48.94464 (07120824)	47.43011 (07120824)	40.11008 (05120324)	40.89631 (05120324)	40.71897 (05120324)
3757091.3	45.65137 (07120824)	45.35420 (07120824)	39.21820 (07120824)	37.47618 (05120324)	37.79368 (05120324)
3757061.3	42.86639 (07081524)	43.26052 (07120824)	38.41427 (07120824)	35.66633 (05091724)	34.96463 (05120324)
3757031.3	42.42861 (07081524)	41.19050 (07120824)	37.46894 (07120824)	34.73284 (05091724)	32.30209 (05120324)
3757001.3	41.94588 (07081524)	39.16594 (07120824)	36.42945 (07120824)	33.33448 (05091724)	30.94009 (05091724)
3756971.3	41.42806 (07081524)	37.19064 (07120824)	35.33291 (07120824)	31.56666 (05091724)	30.99179 (05091724)

06/29/10
15:44:24
PAGE 22

**MODELOPTs: NonDEFAULT CONC
FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	373020.44	373050.44	X-COORD (METERS) 373080.44	373110.44	373140.44
3758441.3	46.31067 (05052624)	44.65299 (05052624)	40.26479 (05052624)	45.48816 (07071524)	49.98092 (07071524)
3758411.3	48.89433 (05052624)	48.82766 (05052624)	44.38979 (07071524)	51.04431 (07071524)	53.29877 (07071524)
3758381.3	51.17686 (05052624)	46.67063 (05052624)	51.19051 (07071524)	55.77798 (07071524)	55.29803 (07071524)
3758351.3	53.10140 (05052624)	50.25709 (07071524)	56.46241 (07071524)	59.25888 (07071524)	55.77702 (07071524)
3758321.3	54.60821 (05052624)	58.10801 (07071524)	62.67051 (07071524)	61.14680 (07071524)	54.69999 (07071524)
3758291.3	57.49447 (07071524)	65.24431 (07071524)	66.32202 (07071524)	61.26677 (07071524)	52.23026 (07071524)
3758261.3	66.65866 (07071524)	71.02031 (07071524)	68.06513 (07071524)	59.68775 (07071524)	48.73469 (07071524)
3758231.3	74.88428 (07071524)	74.88036 (07071524)	67.80776 (07071524)	56.74568 (07071524)	50.23110 (07092824)
3758201.3	81.40608 (07071524)	76.50513 (07071524)	65.81641 (07071524)	54.97410 (07031824)	57.26164 (07092824)
3758171.3	85.61621 (07071524)	76.00437 (07071524)	62.69302 (07071524)	62.87692 (07092824)	63.32413 (07092824)
3758141.3	87.35446 (07071524)	73.97961 (07071524)	69.59291 (07092824)	70.06664 (07092824)	68.35911 (07092824)
3758111.3	87.12342 (07071524)	78.05309 (07031824)	78.23569 (07092824)	76.08378 (07092824)	78.20107 (06101024)
3758081.3	88.77417 (07031824)	88.31464 (07092824)	85.51368 (07092824)	92.26146 (06101024)	101.23602 (06101024)
3758051.3	101.03497 (07092824)	97.25217 (07092824)	109.69311 (06101024)	117.55327 (06101024)	120.89780 (06101024)

Site #15 – Localized PM10 Concentrations

3758021.3	119.08679	(06101024)	131.13624	(06101024)	136.36093	(06101024)	136.43270	(06101024)	132.97364	(06101024)
3757991.3	157.13426	(06101024)	157.44837	(06101024)	152.81449	(06101024)	145.59593	(06101024)	137.03739	(06101024)
3757961.3	180.46796	(06101024)	169.94775	(06101024)	158.75816	(06101024)	147.46019	(06101024)	135.90536	(06101024)
3757931.3	188.66557	(06101024)	173.46809	(06101024)	159.33072	(06101024)	145.44743	(06101024)	131.28793	(06101024)
3757901.3	191.66399	(06101024)	174.01310	(06101024)	157.17290	(06101024)	140.30762	(06101024)	123.21429	(06101024)
3757871.3	193.44547	(06101024)	172.38247	(06101024)	151.78928	(06101024)	131.30983	(06101024)	111.30736	(06101024)
3757841.3	191.62100	(06101024)	165.96562	(06101024)	141.01675	(06101024)	117.14400	(06101024)	106.98310	(05081824)
3757811.3	181.57023	(06101024)	151.10664	(06101024)	127.79107	(05090224)	116.76327	(05081824)	108.23647	(05081824)
3757781.3	161.13934	(05102324)	142.69007	(05102324)	126.81052	(05102324)	115.30934	(05081824)	105.63078	(05081824)
3757751.3	157.63624	(05081824)	139.41633	(05081824)	123.91764	(05081824)	110.51348	(05081824)	100.06784	(07110824)
3757721.3	156.71612	(05081824)	136.18423	(05081824)	119.93499	(06060724)	108.01441	(06060724)	97.49152	(06060724)
3757691.3	146.51808	(06060724)	132.11587	(06060724)	120.07289	(06060724)	109.59657	(06060724)	100.21957	(06060724)
3757661.3	151.41518	(06051424)	129.20000	(06051424)	116.16069	(06060724)	106.85485	(06060724)	98.70705	(06060724)
3757631.3	154.04322	(06051424)	133.33410	(06051424)	114.88908	(06051424)	100.71459	(06060724)	93.53972	(06060724)
3757601.3	144.57206	(06051424)	127.26823	(06051424)	111.59880	(06051424)	97.30600	(06051424)	84.68786	(06060724)
3757571.3	126.19290	(06051424)	114.06640	(06051424)	102.73641	(06051424)	91.87033	(06051424)	81.46143	(06051424)
3757541.3	103.56382	(06051424)	96.96796	(06051424)	90.22742	(06051424)	83.20706	(06051424)	75.91130	(06051424)
3757511.3	81.04709	(06051424)	77.90502	(06051424)	74.66489	(06051424)	71.02719	(06051424)	66.84603	(06051424)
3757481.3	76.11225	(05012924)	68.16504	(05012924)	63.14289	(05070424)	60.23653	(05070424)	57.31074	(06051424)
3757451.3	71.13323	(05012924)	65.04185	(05012924)	58.79289	(05012924)	54.72469	(05070424)	53.22517	(05070424)
3757421.3	65.25176	(05012924)	61.41409	(05012924)	56.62945	(05012924)	51.53311	(05012924)	49.11352	(06051424)
3757391.3	58.63918	(05040924)	56.73565	(05012924)	53.87459	(05012924)	50.04152	(05012924)	46.47826	(06051424)
3757361.3	52.54136	(05040924)	50.56421	(05012924)	50.01029	(05012924)	47.84680	(05012924)	44.74110	(05012924)
3757331.3	47.44381	(05061324)	45.58905	(05040924)	44.81713	(05012924)	44.55267	(05012924)	42.91130	(05012924)
3757301.3	47.26391	(05061324)	41.02399	(05040924)	40.08685	(05040924)	40.10071	(05012924)	40.03440	(05012924)
3757271.3	46.16842	(05061324)	40.37012	(05061324)	36.43572	(05040924)	35.63252	(05040924)	36.15853	(05012924)

*** AERMOD – VERSION 09292 *** Site 15 – PM10 ***
 06/29/10
 15:44:24
 PAGE 23

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	373020.44	373050.44	X-COORD (METERS)	373080.44	373110.44	373140.44				
3757241.3	44.34901	(05061324)	39.96195	(05061324)	34.74536	(05061324)	32.66347	(05040924)	31.95802	(05040924)
3757211.3	42.82254	(05120324)	38.93520	(05061324)	34.94459	(07021324)	30.50209	(05031424)	29.51038	(05040924)
3757181.3	42.17869	(05120324)	37.40681	(05061324)	34.83905	(07021324)	30.74264	(07021324)	28.01411	(06071724)
3757151.3	40.89148	(05120324)	36.44242	(05120324)	33.91037	(07021324)	31.13437	(07021324)	27.05497	(07021324)
3757121.3	39.12847	(05120324)	35.94301	(05120324)	32.30118	(07021324)	30.80303	(07021324)	27.77442	(07021324)
3757091.3	37.05621	(05120324)	34.94884	(05120324)	31.48201	(05120324)	29.83380	(07021324)	27.87170	(07021324)
3757061.3	34.82551	(05120324)	33.58011	(05120324)	31.46614	(05081524)	28.36004	(07021324)	27.39135	(07021324)
3757031.3	32.55063	(05120324)	31.96541	(05120324)	30.85614	(05081524)	28.15132	(05081524)	26.42189	(07021324)
3757001.3	30.32506	(05120324)	30.20756	(05120324)	29.57220	(05081524)	28.34946	(05081524)	25.08733	(07021324)
3756971.3	28.20531	(05120324)	28.40195	(05120324)	27.91779	(05120324)	27.87000	(05081524)	25.53291	(05081524)

*** AERMOD – VERSION 09292 *** Site 15 – PM10 ***
 06/29/10
 15:44:24
 PAGE 24

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	373170.44	373200.44	X-COORD (METERS)	373230.44	373260.44	373290.44				
3758441.3	50.25717	(07071524)	46.65670	(07071524)	40.33956	(07071524)	32.77108	(07071524)	28.23002	(07031824)
3758411.3	51.03120	(07071524)	45.24476	(07071524)	37.50587	(07071524)	29.86496	(07031824)	31.46019	(07092824)
3758381.3	50.42628	(07071524)	42.75277	(07071524)	34.06856	(07071524)	33.23123	(07092824)	35.52080	(07092824)
3758351.3	48.49980	(07071524)	39.42719	(07071524)	35.49608	(07031824)	37.77192	(07092824)	39.09332	(07092824)
3758321.3	45.47511	(07071524)	38.01113	(07031824)	40.30785	(07092824)	41.80766	(07092824)	42.05057	(07092824)
3758291.3	41.71666	(07071524)	43.18074	(07092824)	44.89206	(07092824)	45.18074	(07092824)	44.35128	(07092824)
3758261.3	46.45976	(07092824)	48.42314	(07092824)	48.75536	(07092824)	47.84630	(07092824)	45.90074	(07092824)
3758231.3	52.50164	(07092824)	52.87550	(07092824)	51.85597	(07092824)	49.71663	(07092824)	51.22973	(06101024)
3758201.3	57.62774	(07092824)	56.49674	(07092824)	54.10424	(07092824)	57.98137	(06101024)	64.39173	(06101024)
3758171.3	61.92660	(07092824)	59.20227	(07092824)	66.05370	(06101024)	72.71555	(06101024)	77.60809	(06101024)
3758141.3	66.87837	(06101024)	75.74406	(06101024)	82.44435	(06101024)	86.92556	(06101024)	89.20805	(06101024)
3758111.3	87.37081	(06101024)	93.71269	(06101024)	97.30653	(06101024)	98.33056	(06101024)	97.03857	(06101024)
3758081.3	106.56779	(06101024)	108.61284	(06101024)	107.83682	(06101024)	104.73107	(06101024)	99.80878	(06101024)
3758051.3	120.59647	(06101024)	117.50401	(06101024)	112.33913	(06101024)	105.64767	(06101024)	97.85688	(06101024)
3758021.3	127.20628	(06101024)	119.88481	(06101024)	111.43480	(06101024)	102.15016	(06101024)	92.34727	(06101024)
3757991.3	127.59648	(06101024)	117.39878	(06101024)	106.56982	(06101024)	95.37118	(06101024)	84.17936	(06101024)
3757961.3	123.87110	(06101024)	111.33807	(06101024)	98.55674	(06101024)	85.95731	(06101024)	77.58439	(06052024)
3757931.3	116.73872	(06101024)	102.08245	(06101024)	89.31651	(06052024)	81.48143	(06052024)	73.97964	(06052024)
3757901.3	106.22699	(06101024)	94.19092	(06052024)	84.91119	(06052024)	79.56112	(05081824)	75.91561	(06052024)
3757871.3	98.55917	(06052024)	91.53897	(05081824)	86.57111	(05081824)	81.88496	(05081824)	77.39038	(05081824)
3757841.3	100.09675	(05081824)	93.77923	(05081824)	87.85632	(05081824)	82.21394	(05081824)	76.79832	(05081824)
3757811.3	100.40850	(05081824)	93.07631	(05081824)	86.12673	(05081824)	79.51106	(05081824)	73.22616	(05081824)
3757781.3	96.66620	(05081824)	88.27257	(05081824)	80.38897	(05081824)	73.84885	(05102324)	68.80108	(05102324)
3757751.3	92.15933	(05102324)	85.35400	(05102324)	79.19251	(05102324)	73.47069	(05102324)	68.09518	(05102324)
3757721.3	88.19860	(06060724)	80.17137	(05102324)	73.70697	(05102324)	67.75771	(05102324)	62.30000	(05102324)
3757691.3	91.69782	(06060724)	83.93281	(06060724)	76.89509	(06060724)	70.56558	(06060724)	64.91623	(06060724)
3757661.3	91.35839	(06060724)	84.59837	(06060724)	78.31685	(06060724)	72.47678	(06060724)	67.07215	(06060724)
3757631.3	87.22671	(06060724)	81.52545	(06060724)	76.25681	(06060724)	71.31490	(06060724)	66.64151	(06060724)
3757601.3	79.50232	(06060724)	74.91110	(06060724)	70.74561	(06060724)	66.87812	(06060724)	63.21766	(06060724)
3757571.3	71.69764	(06051424)	65.90720	(06060724)	62.91875	(06060724)	60.15361	(06060724)	57.54195	(06060724)
3757541.3	68.47934	(06051424)	61.14017	(06051424)	54.19183	(06051424)	52.21277	(06060724)	50.57597	(06060724)
3757511.3	62.13399	(06051424)	57.00795	(06051424)	51.64725	(06051424)	46.31871	(06051424)	42.80516	(06060724)
3757481.3	54.29731	(06051424)	50.92929	(06051424)	47.20146	(06051424)	43.60663	(06030824)	40.84889	(06030824)
3757451.3	51.12731	(05070424)	48.37004	(05070424)	44.98535	(05070424)	41.10563	(05070424)	38.75044	(05070424)
3757421.3	47.00277	(05070424)	45.75002	(05070424)	43.85807	(05070424)	41.34224	(05070424)	38.30336	(05070424)
3757391.3	45.16919	(06051424)	43.10065	(06051424)	41.01506	(05070424)	39.71220	(05070424)	37.82996	(05070424)
3757361.3	42.19988	(06051424)	41.71380	(06051424)	40.24825	(06051424)	38.19189	(06051424)	36.06110	(05070424)
3757331.3	40.38470	(05012924)	38.23108	(06051424)	38.48110	(06051424)	37.64520	(06051424)	36.07590	(06051424)
3757301.3	38.79561	(05012924)	36.73340	(05012924)	35.07395	(05082324)	35.39931	(06051424)	35.15089	(06051424)
3757271.3	36.23491	(050129								

Site #15 – Localized PM10 Concentrations

NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	373170.44	373200.44	X-COORD (METERS)	373230.44	373260.44	373290.44
3757241.3	32.81913 (05012924)	32.99927 (05012924)	32.32020 (05012924)	30.95022 (05012924)	30.73371 (05082324)	
3757211.3	28.88331 (05012924)	29.95973 (05012924)	30.21654 (05012924)	29.73058 (05012924)	28.61623 (05012924)	
3757181.3	27.22408 (06071724)	26.84228 (07092724)	27.49131 (05012924)	27.80061 (05012924)	27.46709 (05012924)	
3757151.3	26.69284 (06071724)	25.52396 (06071724)	25.55337 (07092724)	25.34068 (05012924)	25.68829 (05012924)	
3757121.3	25.35969 (07090824)	25.39063 (06071724)	23.90163 (06071724)	24.39687 (07092724)	23.82050 (07092724)	
3757091.3	25.02919 (07090824)	24.80867 (07090824)	24.10686 (06071724)	22.78567 (07092724)	23.34297 (07092724)	
3757061.3	25.16555 (07021324)	25.00342 (07090824)	24.05316 (07090824)	22.84267 (06071724)	21.94470 (07092724)	
3757031.3	25.04897 (07021324)	24.08384 (07090824)	24.72726 (07090824)	23.11870 (07090824)	21.59769 (06071724)	
3757001.3	24.47834 (07021324)	22.85350 (07021324)	24.33929 (07090824)	24.22383 (07090824)	22.03628 (07090824)	
3756971.3	23.53937 (07021324)	22.59051 (07021324)	22.90086 (07090824)	24.33526 (07090824)	23.52276 (07090824)	

*** AERMOD - VERSION 09292 *** *** Site 15 - PM10 ***
 *** *** *** *** *** ***
 06/29/10
 15:44:24
 PAGE 26

***MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	373320.44	373350.44	X-COORD (METERS)	373380.44	373410.44	373440.44
3758441.3	29.86247 (07092824)	31.70168 (07092824)	32.60581 (07092824)	32.66187 (07092824)	31.96957 (07092824)	
3758411.3	33.50914 (07092824)	34.53561 (07092824)	34.63784 (07092824)	33.94028 (07092824)	32.50727 (07092824)	
3758381.3	36.68547 (07092824)	36.83340 (07092824)	36.12276 (07092824)	34.62296 (07092824)	32.41771 (07092824)	
3758351.3	39.28883 (07092824)	38.55292 (07092824)	36.97416 (07092824)	34.63375 (07092824)	37.71278 (06101024)	
3758321.3	41.27671 (07092824)	39.60270 (07092824)	37.10735 (07092824)	41.58337 (06101024)	45.83403 (06101024)	
3758291.3	42.55612 (07092824)	40.73574 (06101024)	46.05146 (06101024)	50.53798 (06101024)	54.14837 (06101024)	
3758261.3	45.55137 (06101024)	51.23932 (06101024)	55.95133 (06101024)	59.63963 (06101024)	62.25654 (06101024)	
3758231.3	57.29465 (06101024)	62.19515 (06101024)	65.86724 (06101024)	68.25944 (06101024)	69.32143 (06101024)	
3758201.3	69.37918 (06101024)	72.88090 (06101024)	74.83553 (06101024)	75.23313 (06101024)	74.13956 (06101024)	
3758171.3	80.67978 (06101024)	81.91684 (06101024)	81.37637 (06101024)	79.22712 (06101024)	75.73736 (06101024)	
3758141.3	89.37415 (06101024)	87.60907 (06101024)	84.20289 (06101024)	79.52102 (06101024)	73.96236 (06101024)	
3758111.3	93.78489 (06101024)	88.97206 (06101024)	83.03380 (06101024)	76.39036 (06101024)	69.44288 (06101024)	
3758081.3	93.50614 (06101024)	86.28897 (06101024)	78.56440 (06101024)	70.71964 (06101024)	63.06467 (06101024)	
3758051.3	89.35964 (06101024)	80.54741 (06101024)	71.78575 (06101024)	63.38528 (06101024)	57.32079 (06052024)	
3758021.3	82.39791 (06101024)	72.67284 (06101024)	64.58361 (06052024)	60.21876 (06052024)	55.90995 (06052024)	
3757991.3	73.39877 (06101024)	68.05201 (06052024)	62.83649 (06052024)	57.79061 (06052024)	55.37055 (05081824)	
3757961.3	71.21977 (06052024)	65.09516 (06052024)	62.37084 (05081824)	60.50504 (05081824)	58.54705 (05081824)	
3757931.3	70.20793 (05081824)	67.53267 (05081824)	64.85673 (05081824)	62.16912 (05081824)	59.46620 (05081824)	
3757901.3	72.38301 (05081824)	68.92190 (05081824)	65.50983 (05081824)	62.13813 (05081824)	58.81136 (05081824)	
3757871.3	73.03420 (05081824)	68.78963 (05081824)	64.65452 (05081824)	60.63568 (05081824)	56.75002 (05081824)	
3757841.3	71.58605 (05081824)	66.58081 (05081824)	61.79381 (05081824)	57.23764 (05081824)	52.92544 (05081824)	
3757811.3	67.28225 (05081824)	61.69184 (05081824)	56.46146 (05081824)	51.59273 (05081824)	47.57031 (05102324)	
3757781.3	64.12747 (05102324)	59.74385 (05102324)	55.60725 (05102324)	51.69965 (05102324)	48.01395 (05102324)	
3757751.3	63.02816 (05102324)	58.26585 (05102324)	53.81283 (05102324)	49.67861 (05102324)	45.86551 (05102324)	
3757721.3	57.32106 (05102324)	53.75344 (07051524)	50.65861 (07051524)	47.82064 (07051524)	45.21168 (07051524)	
3757691.3	59.90144 (06060724)	55.46126 (06060724)	51.52604 (06060724)	48.49265 (07051524)	46.13675 (07051524)	
3757661.3	62.10987 (06060724)	57.59257 (06060724)	53.50967 (06060724)	49.83791 (06060724)	46.54395 (06060724)	
3757631.3	62.22254 (06060724)	58.06367 (06060724)	54.18124 (06060724)	50.58828 (06060724)	47.28985 (06060724)	
3757601.3	59.70781 (06060724)	56.32061 (06060724)	53.05528 (06060724)	49.92484 (06060724)	46.94730 (06060724)	
3757571.3	55.02416 (06060724)	52.55996 (06060724)	50.12624 (06060724)	47.71609 (06060724)	45.33775 (06060724)	
3757541.3	48.97340 (06060724)	47.37882 (06060724)	45.76986 (06060724)	44.12981 (06060724)	42.45230 (06060724)	
3757511.3	42.04781 (06060724)	41.23885 (06060724)	40.37504 (06060724)	39.44898 (06060724)	38.45235 (06060724)	
3757481.3	37.96373 (06030824)	36.38416 (07110724)	35.67883 (07110724)	34.94257 (07110724)	34.17589 (07110724)	
3757451.3	36.77903 (06030824)	34.59246 (06030824)	32.31028 (06030824)	31.75543 (07110724)	31.39727 (07110724)	
3757421.3	35.06242 (05070224)	33.53724 (05070224)	31.81235 (05070224)	29.91742 (05070224)	27.89070 (05070224)	
3757391.3	35.44699 (05070424)	32.98161 (05070224)	31.88209 (05070224)	30.53479 (05070224)	28.97942 (05070224)	
3757361.3	34.63112 (05070424)	32.73506 (05070424)	30.77420 (05070224)	30.12873 (05070224)	29.18376 (05070224)	
3757331.3	34.05071 (06051424)	31.80619 (05070424)	30.27263 (05070424)	28.40835 (05070224)	28.20521 (05070224)	
3757301.3	34.08732 (06051424)	32.47187 (06051424)	30.49305 (06051424)	28.27073 (06051424)	26.49694 (05070424)	
3757271.3	32.72378 (06051424)	32.14426 (06051424)	30.94736 (06051424)	29.32089 (06051424)	27.39136 (06051424)	

*** AERMOD - VERSION 09292 *** *** Site 15 - PM10 ***
 *** *** *** *** *** ***
 06/29/10
 15:44:24
 PAGE 27

***MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREAL , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	373320.44	373350.44	X-COORD (METERS)	373380.44	373410.44	373440.44
3757241.3	30.52508 (05082324)	30.36602 (06051424)	30.22129 (06051424)	29.43024 (06051424)	28.16145 (06051424)	
3757211.3	28.75838 (05082324)	28.86919 (05082324)	28.11931 (05082324)	28.31858 (06051424)	27.90523 (06051424)	
3757181.3	26.56198 (05012924)	26.90942 (05082324)	27.28878 (05082324)	26.82741 (05082324)	26.45081 (06051424)	
3757151.3	25.47584 (05012924)	24.74038 (05012924)	25.18052 (05082324)	25.78235 (05082324)	25.57411 (05082324)	
3757121.3	23.83179 (05012924)	23.71177 (05012924)	23.11277 (05012924)	23.56863 (05082324)	24.34990 (05082324)	
3757091.3	22.70158 (07092724)	22.18770 (05012924)	22.13667 (05012924)	21.65325 (05012924)	22.06925 (05082324)	
3757061.3	22.37089 (07092724)	21.65574 (07092724)	20.72485 (05012924)	20.72860 (05012924)	20.33403 (05012924)	
3757031.3	21.16736 (07092724)	21.46193 (07092724)	20.67144 (07092724)	19.41566 (05012924)	19.45927 (05012924)	
3757001.3	20.37434 (06071724)	20.43972 (07092724)	20.61027 (07092724)	19.74193 (07092724)	18.23998 (05012924)	
3756971.3	20.83510 (07090824)	19.17468 (06071724)	19.75426 (07092724)	19.80386 (07092724)	18.85964 (07092724)	

*** AERMOD - VERSION 09292 *** *** Site 15 - PM10 ***
 *** *** *** *** *** ***
 06/29/10
 15:44:24
 PAGE 28

***MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

Site #15 – Localized PM10 Concentrations

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INCLUDING SOURCE(S):      AREA1 , AREA2 ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM10.      IN MICROGRAMS/M**3      **
X-COORD (M)  Y-COORD (M)      CONC      (YYMMDDHH)      X-COORD (M)  Y-COORD (M)      CONC      (YYMMDDHH)
-----
372922.94    3757605.69      236.38344      (06051424)      372861.54    3757481.08      160.95045      (05120324)
372438.96    3757746.55      128.67439m    (05012424)      372431.74    3757838.64      87.94863      (07020624)
372435.35    3757928.94      72.87056      (05021824)
*** AERMOD - VERSION 09292 ***      *** Site 15 - PM10      ***
***                                     ***      06/29/10
***                                     ***      15:44:24
***                                     ***      PAGE 29

**MODELOPTs:  NonDEFAULT CONC      FLAT
NODRYDPLT NOWETDPLT

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

** CONC OF PM10.      IN MICROGRAMS/M**3      **
DATE
GROUP ID      AVERAGE CONC      (YYMMDDHH)      RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)      OF TYPE      NETWORK
-----
ALL      HIGH 1ST HIGH VALUE IS      1400.04698      ON 05010124: AT ( 372720.44, 3757631.30, 10.00, 10.00, 0.00)      GC      UCART1

*** RECEPTOR TYPES:  GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
*** AERMOD - VERSION 09292 ***      *** Site 15 - PM10      ***
***                                     ***      06/29/10
***                                     ***      15:44:24
***                                     ***      PAGE 30

**MODELOPTs:  NonDEFAULT CONC      FLAT
NODRYDPLT NOWETDPLT

*** Message Summary : AERMOD Model Execution ***
----- Summary of Total Messages -----
A Total of      0 Fatal Error Message(s)
A Total of      0 Warning Message(s)
A Total of      152 Informational Message(s)
A Total of      26280 Hours Were Processed
A Total of      15 Calm Hours Identified
A Total of      137 Missing Hours Identified ( 0.52 Percent)

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

***** WARNING MESSAGES *****
*** NONE ***

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

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Site #15 – Localized PM2.5 Concentrations

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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 6.5.0
** Lakes Environmental Software Inc.
** Date: 6/29/2010
** File: C:\Documents and Settings\ssilverman\Desktop\Site 15\PM25.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
TITLEONE Site 15 - PM2.5
MODELOPT CONC NODRYDPLT NOWETDPLT FLAT
AVERTIME 24 ANNUAL
URBANOPT 9862049 Los_Angeles_County
POLLUTID PM2.5
RUNORNOT RUN
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION AREA1 AREA 372695.400 3757574.990 0.0
** DESCRSRC Exhuast
LOCATION AREA2 AREA 372695.400 3757574.990 0.0
** DESCRSRC Dust
** Source Parameters **
SRCPARAM AREA1 9.186E-07 4.100 135.440 299.009 0.000
SRCPARAM AREA2 0.00001005 0.000 135.440 299.009 0.000 0.000
URBANSRC AREA1-AREA2
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
GRIDCART UCART1 STA
XYINC 371970.44 50 30.00 3756971.30 50 30.00
GRIDCART UCART1 END
** DESCRREC ** **
DISCCART 372922.94 3757605.69
DISCCART 372861.54 3757481.08
DISCCART 372438.96 3757746.55
DISCCART 372431.74 3757838.64
DISCCART 372435.35 3757928.94
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
SURFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC"
PROFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL"
SURFDATA 0 2005
UAIRDATA 3190 2005
PROFBASE 10 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 24 1ST
** Auto-Generated Plotfiles
PLOTFILE 24 ALL 1ST PM25.AD\24H1GALL.PLT
PLOTFILE ANNUAL ALL PM25.AD\AN00GALL.PLT
OU FINISHED

*****
*** SETUP Finishes Successfully ***
*****
*** AERMOD - VERSION 09292 *** Site 15 - PM2.5 *** 06/29/10
*** *** 14:44:27
*** *** PAGE 1

**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** MODEL SETUP OPTIONS SUMMARY ***
-----
**Model Is Setup For Calculation of Average CONCentration Values.
-- DEPOSITION LOGIC --
**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION. DRYDPLT = F
**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 2 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 9862049.0 ; Urban Roughness Length = 1.000 m

**Model Allows User-Specified Options:
1. Stack-tip Downwash.

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Site #15 – Localized PM2.5 Concentrations

3757541.30	1.81116	1.96673	2.14278	2.34264	2.57019	2.82992	3.12702	3.46737	3.85763
3757511.30	1.93504	2.10238	2.29098	2.50396	2.74486	3.01759	3.32651	3.67644	4.07278
3757481.30	2.05973	2.23683	2.43515	2.65742	2.90652	3.18557	3.49799	3.84743	4.23795
3757451.30	2.17880	2.36236	2.56620	2.79237	3.04308	3.32062	3.62741	3.96609	4.33929
3757421.30	2.28525	2.47111	2.67541	2.89964	3.14529	3.41392	3.70712	4.02628	4.37238
3757391.30	2.37344	2.55733	2.75734	2.97436	3.20936	3.46308	3.73608	4.02828	4.33879
3757361.30	2.44021	2.61836	2.80998	3.01546	3.23501	3.46853	3.71530	3.97374	4.24098
3757331.30	2.48434	2.65340	2.83296	3.02286	3.22255	3.43092	3.64615	3.86537	4.08452
3757301.30	2.50504	2.66182	2.82593	2.99661	3.17265	3.35218	3.53253	3.70997	3.87976
3757271.30	2.50167	2.64343	2.78938	2.93829	3.08838	3.23720	3.38156	3.51745	3.64014

*** AERMOD - VERSION 09292 *** *** Site 15 - PM2.5 *** 06/29/10
 *** *** *** *** 14:44:27
 *** *** *** *** PAGE 9

**MODELOPTs: NonDEFAULT CONC

FLAT
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	371970.44	372000.44	372030.44	372060.44	372090.44	372120.44	372150.44	372180.44	372210.44
3757241.30	2.47458	2.59952	2.72570	2.85150	2.97478	3.09279	3.20225	3.29939	3.38031
3757211.30	2.42569	2.53285	2.63862	2.74113	2.83811	2.92689	3.00450	3.06786	3.11385
3757181.30	2.35787	2.44706	2.53267	2.61282	2.68538	2.74794	2.79805	2.83326	2.85125
3757151.30	2.27442	2.34626	2.41292	2.47264	2.52355	2.56360	2.59078	2.60321	2.59931
3757121.30	2.17918	2.23496	2.28453	2.32632	2.35861	2.37976	2.38818	2.38261	2.36211
3757091.30	2.07607	2.11751	2.15209	2.17837	2.19493	2.20044	2.19386	2.17449	2.14211
3757061.30	1.96863	1.99747	2.01902	2.03206	2.03543	2.02829	2.01011	1.98081	1.94064
3757031.30	1.85964	1.87744	1.88773	1.88955	1.88215	1.86513	1.83853	1.80266	1.75816
3757001.30	1.75105	1.75920	1.75986	1.75241	1.73652	1.71228	1.68008	1.64054	1.59444
3756971.30	1.64418	1.64399	1.63662	1.62182	1.59967	1.57060	1.53523	1.49431	1.44860

*** AERMOD - VERSION 09292 *** *** Site 15 - PM2.5 *** 06/29/10
 *** *** *** *** 14:44:27
 *** *** *** *** PAGE 10

**MODELOPTs: NonDEFAULT CONC

FLAT
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	372240.44	372270.44	372300.44	372330.44	372360.44	372390.44	372420.44	372450.44	372480.44
3758441.30	0.43721	0.46044	0.48393	0.50778	0.53211	0.55678	0.58112	0.60408	0.62457
3758411.30	0.45066	0.47650	0.50284	0.52957	0.55676	0.58438	0.61198	0.63858	0.66297
3758381.30	0.46397	0.49237	0.52176	0.55184	0.58247	0.61358	0.64491	0.67561	0.70446
3758351.30	0.47741	0.50817	0.54061	0.57432	0.60896	0.64425	0.67992	0.71536	0.74933
3758321.30	0.49127	0.52420	0.55952	0.59689	0.63591	0.67609	0.71695	0.75790	0.79786
3758291.30	0.50588	0.54076	0.57877	0.61969	0.66319	0.70877	0.75573	0.80323	0.85025
3758261.30	0.52178	0.55831	0.59876	0.64305	0.69096	0.74214	0.79591	0.85114	0.90656
3758231.30	0.53991	0.57755	0.62005	0.66741	0.71958	0.77637	0.83729	0.90130	0.96673
3758201.30	0.56167	0.59978	0.64370	0.69362	0.74965	0.81189	0.88008	0.95351	1.03047
3758171.30	0.58810	0.62657	0.67133	0.72312	0.78240	0.84956	0.92484	1.00797	1.09764
3758141.30	0.61943	0.65887	0.70463	0.75793	0.81883	0.89120	0.97288	1.06547	1.16846
3758111.30	0.65614	0.69712	0.74459	0.79984	0.86431	0.93949	1.02691	1.12807	1.24410
3758081.30	0.70007	0.74277	0.79228	0.85014	0.91791	0.99732	1.09045	1.19979	1.32791
3758051.30	0.75396	0.79890	0.85075	0.91139	0.98292	1.06749	1.16733	1.28541	1.42576
3758021.30	0.82042	0.86896	0.92440	0.98871	1.06442	1.15453	1.26225	1.39089	1.54495
3757991.30	0.90049	0.95516	1.01691	1.08763	1.16995	1.26732	1.38408	1.52511	1.69610
3757961.30	0.99339	1.05706	1.12878	1.21041	1.30455	1.41479	1.54592	1.70418	1.89714
3757931.30	1.10118	1.17640	1.26122	1.35793	1.46953	1.60013	1.75333	1.94266	2.17185
3757901.30	1.22952	1.31994	1.42221	1.53914	1.67450	1.83342	2.02312	2.25372	2.53924
3757871.30	1.38157	1.49170	1.61745	1.76231	1.93119	2.13097	2.37142	2.66687	3.03845
3757841.30	1.55219	1.68551	1.83973	2.01963	2.23184	2.48590	2.79575	3.18235	3.67855
3757811.30	1.73899	1.89989	2.08820	2.31117	2.57856	2.90418	3.30856	3.82339	4.49943
3757781.30	1.95005	2.14615	2.37803	2.65591	2.99399	3.41237	3.94057	4.62416	5.53648
3757751.30	2.19257	2.43165	2.71677	3.06136	3.48438	4.01318	4.68778	5.56754	6.74260
3757721.30	2.46514	2.75280	3.09841	3.51906	4.03833	4.68920	5.51821	6.59150	8.00282
3757691.30	2.76383	3.10366	3.51380	4.01411	4.63106	5.40008	6.36847	7.53974	9.18000
3757661.30	3.08545	3.47796	3.95064	4.52445	5.22623	6.09027	7.16058	8.49423	10.16593
3757631.30	3.41886	3.86016	4.38755	5.02080	5.78461	6.70964	7.83474	9.20917	10.89578
3757601.30	3.74429	4.22472	4.79224	5.46440	6.26260	7.21331	8.34898	9.70954	11.34606
3757571.30	4.04296	4.54794	5.13635	5.82311	6.62613	7.56666	8.66963	9.96516	11.49293
3757541.30	4.30542	4.81954	5.41027	6.08958	6.87099	7.76940	8.80141	9.98655	11.35113
3757511.30	4.52156	5.02975	5.60499	6.25539	6.98894	7.81322	8.73521	9.76216	10.90180
3757481.30	4.67400	5.16013	5.70070	6.29909	6.95719	7.67473	8.44867	9.27221	10.13027
3757451.30	4.74947	5.19843	5.68671	6.21281	6.77237	7.35744	7.95443	8.54648	9.09824
3757421.30	4.74559	5.14455	5.56587	6.00328	6.44720	6.88423	7.29583	7.65608	7.92942
3757391.30	4.66514	5.00309	5.34597	5.68448	6.00642	6.29655	6.53568	6.70002	6.76094
3757361.30	4.51266	4.78253	5.04223	5.28159	5.48867	5.64979	5.74911	5.76854	5.68974
3757331.30	4.29794	4.49866	4.67837	4.82801	4.93795	4.99759	4.99522	4.91933	4.76223
3757301.30	4.03607	4.17235	4.28184	4.35761	4.39255	4.37889	4.30918	4.17855	3.98697
3757271.30	3.74459	3.82566	3.87834	3.89765	3.87840	3.81563	3.70616	3.55029	3.35219

*** AERMOD - VERSION 09292 *** *** Site 15 - PM2.5 *** 06/29/10
 *** *** *** *** 14:44:27
 *** *** *** *** PAGE 11

**MODELOPTs: NonDEFAULT CONC

FLAT
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	372240.44	372270.44	372300.44	372330.44	372360.44	372390.44	372420.44	372450.44	372480.44
3757241.30	3.44103	3.47785	3.48718	3.46544	3.40935	3.31688	3.18827	3.02694	2.83774
3757211.30	3.13963	3.14252	3.12003	3.07004	2.99123	2.88387	2.75056	2.59530	2.42181
3757181.30	2.84999	2.82773	2.78309	2.71533	2.62476	2.51328	2.38410	2.24032	2.08448

Site #15 – Localized PM2.5 Concentrations

3757151.30	2.57778	2.53781	2.47906	2.40188	2.30774	2.19902	2.07837	1.94778	1.80909
3757121.30	2.32618	2.27483	2.20844	2.12819	2.03586	1.93354	1.82298	1.70541	1.58232
3757091.30	2.09686	2.03925	1.97025	1.89119	1.80367	1.70917	1.60870	1.50318	1.39386
3757061.30	1.89022	1.83038	1.76220	1.68683	1.60543	1.51888	1.42783	1.33313	1.23584
3757031.30	1.70585	1.64662	1.58131	1.51075	1.43565	1.35658	1.27413	1.18908	1.10235
3757001.30	1.54259	1.48565	1.42420	1.35868	1.28956	1.21735	1.14268	1.06622	0.98882
3756971.30	1.39867	1.34486	1.28747	1.22675	1.16316	1.09726	1.02965	0.96080	0.89168

*** AERMOD - VERSION 09292 *** *** Site 15 - PM2.5 *** 06/29/10
 14:44:27
 PAGE 12

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372510.44	372540.44	372570.44	372600.44	372630.44	372660.44	372690.44	372720.44	372750.44
3758441.30	0.64256	0.66023	0.68212	0.71336	0.75543	0.80503	0.85889	0.91352	0.96316
3758411.30	0.68457	0.70492	0.72846	0.76114	0.80582	0.85972	0.91335	0.98084	1.03699
3758381.30	0.73043	0.75436	0.78029	0.81485	0.86244	0.92108	0.98719	1.05656	1.12044
3758351.30	0.78053	0.80905	0.83836	0.87548	0.92643	0.99039	1.06381	1.14229	1.21536
3758321.30	0.83531	0.86964	0.90353	0.94416	0.99919	1.06924	1.15097	1.24001	1.32408
3758291.30	0.89522	0.93684	0.97683	1.02224	1.08235	1.15959	1.25095	1.35229	1.44959
3758261.30	0.96061	1.01142	1.05947	1.11135	1.17795	1.26396	1.36667	1.48249	1.59576
3758231.30	1.03170	1.09406	1.15286	1.21352	1.28851	1.38545	1.50199	1.63508	1.76778
3758201.30	1.10858	1.18529	1.25842	1.33125	1.41720	1.52803	1.66197	1.81612	1.97268
3758171.30	1.19120	1.28548	1.37736	1.46737	1.56822	1.69688	1.85339	2.03401	2.22030
3758141.30	1.27959	1.39498	1.51074	1.62481	1.74689	1.89891	2.08541	2.30061	2.52477
3758111.30	1.37412	1.51434	1.65967	1.80642	1.95957	2.14362	2.37082	2.63313	2.90724
3758081.30	1.47662	1.64447	1.82586	2.01527	2.21356	2.44381	2.72823	3.05725	3.40061
3758051.30	1.59256	1.78857	2.01189	2.25577	2.51774	2.81636	3.18544	3.61337	4.05871
3758021.30	1.73087	1.95566	2.22404	2.53492	2.88441	3.28527	3.78443	4.36908	4.97522
3757991.30	1.90455	2.16102	2.47813	2.86702	3.33338	3.88887	4.59406	5.44573	6.32901
3757961.30	2.13480	2.43126	2.80553	3.28437	3.90280	4.69633	5.74695	7.09208	8.51381
3757931.30	2.45546	2.81169	3.26818	3.86687	4.68143	5.84776	7.55742	9.97436	12.64168
3757901.30	2.89886	3.35987	3.96436	4.78011	5.93285	7.72957	11.05126	17.07436	23.52610
3757871.30	3.51769	4.15307	5.02604	6.28834	8.27259	12.00838	28.07446	124.80025	138.43018
3757841.30	4.33744	5.24897	6.57997	8.68933	12.53238	21.57579	60.08135	172.41805	186.94255
3757811.30	5.42277	6.74772	8.76905	12.10144	18.14306	30.48081	71.17725	183.59974	196.81405
3757781.30	6.79931	8.62242	11.37550	15.72369	22.92766	36.05358	76.71439	188.36515	200.33969
3757751.30	8.35272	10.61710	13.88658	18.73701	26.24450	39.30308	79.51884	190.43921	201.62267
3757721.30	9.88617	12.43733	15.95004	20.91222	28.32758	41.06359	80.77012	191.09183	201.75179
3757691.30	11.22739	13.90566	17.46095	22.33536	29.50392	41.84519	81.06086	190.80416	200.93268
3757661.30	12.27432	14.95832	18.44134	23.14142	30.00502	41.90619	80.57106	189.62865	199.05273
3757631.30	12.97862	15.58282	18.91986	23.39419	29.92194	41.29003	79.13778	186.94879	194.98286
3757601.30	13.33042	15.77650	18.88255	23.03279	29.09762	39.69768	75.76429	179.69062	183.70310
3757571.30	13.31151	15.51494	18.26426	21.86376	26.97305	35.44376	56.96294	66.50377	63.30394
3757541.30	12.93302	14.78652	16.98905	19.63728	22.76418	25.79407	26.34434	24.07251	20.10328
3757511.30	12.15882	13.52464	14.95192	16.28751	17.15003	16.92287	15.36767	12.96077	10.23966
3757481.30	10.99057	11.78964	12.40965	12.65486	12.30359	11.24806	9.68144	7.91875	6.31540
3757451.30	9.56005	9.85744	9.89018	9.55773	8.81890	7.74269	6.53280	5.36801	4.41700
3757421.30	8.07007	8.02406	7.74234	7.20692	6.44743	5.56409	4.70020	3.93613	3.34083
3757391.30	6.68798	6.45603	6.05626	5.50433	4.84848	4.17461	3.56585	3.05088	2.65756
3757361.30	5.49937	5.19347	4.78090	4.28693	3.75719	3.25326	2.81868	2.46074	2.18787
3757331.30	4.52264	4.20657	3.82794	3.41175	2.99402	2.61584	2.29996	2.04392	1.84629
3757301.30	3.73931	3.44401	3.11495	2.77260	2.44441	2.15762	1.92411	1.73604	1.58734
3757271.30	3.11783	2.85514	2.57590	2.29604	2.03716	1.81746	1.64194	1.50049	1.38473

*** AERMOD - VERSION 09292 *** *** Site 15 - PM2.5 *** 06/29/10
 14:44:27
 PAGE 13

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372510.44	372540.44	372570.44	372600.44	372630.44	372660.44	372690.44	372720.44	372750.44
3757241.30	2.62560	2.39730	2.16203	1.93309	1.72785	1.55781	1.42383	1.31507	1.22227
3757211.30	2.23397	2.03726	1.83894	1.65133	1.48776	1.35480	1.25113	1.16563	1.08942
3757181.30	1.91972	1.75023	1.58284	1.42893	1.29775	1.19276	1.11154	1.04283	0.97904
3757151.30	1.66481	1.51845	1.37718	1.25067	1.14469	1.06115	0.99667	0.94030	0.88609
3757121.30	1.45572	1.32920	1.21006	1.10570	1.01951	0.95261	0.90064	0.85353	0.80693
3757091.30	1.28252	1.17323	1.07272	0.98624	0.91578	0.86184	0.81927	0.77927	0.73883
3757061.30	1.13784	1.04353	0.95861	0.88662	0.82882	0.78497	0.74952	0.71512	0.67975
3757031.30	1.01611	0.93474	0.86282	0.80271	0.75514	0.71911	0.68913	0.65924	0.62809
3757001.30	0.91296	0.84272	0.78168	0.73138	0.69206	0.66210	0.63639	0.61021	0.58260
3756971.30	0.82495	0.76426	0.71238	0.67024	0.63754	0.61231	0.59000	0.56691	0.54231

*** AERMOD - VERSION 09292 *** *** Site 15 - PM2.5 *** 06/29/10
 14:44:27
 PAGE 14

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372780.44	372810.44	372840.44	372870.44	372900.44	372930.44	372960.44	372990.44	373020.44
3758441.30	1.00611	1.04286	1.07150	1.09391	1.11475	1.13518	1.15371	1.16685	1.17080
3758411.30	1.08514	1.12597	1.15801	1.18359	1.20735	1.22975	1.24849	1.25967	1.26009
3758381.30	1.17480	1.22049	1.25666	1.28600	1.31291	1.33697	1.35521	1.36360	1.36004
3758351.30	1.27721	1.32873	1.36994	1.40371	1.43389	1.45911	1.47596	1.48081	1.47294
3758321.30	1.39503	1.45369	1.50108	1.53996	1.57330	1.59896	1.61352	1.61413	1.60185
3758291.30	1.53174	1.59924	1.65421	1.69880	1.73497	1.76020	1.77158	1.76741	1.75081

Site #15 – Localized PM2.5 Concentrations

3758261.30	1.69187	1.77050	1.83470	1.88550	1.92388	1.94781	1.95517	1.94577	1.92553
3758231.30	1.88151	1.97432	2.04970	2.10690	2.14678	2.16861	2.17111	2.15648	2.13428
3758201.30	2.10895	2.22005	2.30876	2.37238	2.41313	2.43206	2.42903	2.41036	2.38900
3758171.30	2.38583	2.52072	2.62513	2.69520	2.73651	2.75176	2.74384	2.72374	2.70668
3758141.30	2.72890	2.89499	3.01786	3.09495	3.13684	3.14822	3.13713	3.12073	3.11124
3758111.30	3.16315	3.37050	3.51582	3.60174	3.64502	3.65437	3.64530	3.63651	3.63542
3758081.30	3.72743	3.99041	4.16536	4.26406	4.31201	4.32388	4.32180	4.32012	4.31827
3758051.30	4.48562	4.82718	5.04560	5.16613	5.22488	5.24309	5.24387	5.23059	5.19359
3758021.30	5.55150	6.01343	6.30377	6.46191	6.53200	6.54177	6.50573	6.41675	6.26829
3757991.30	7.15262	7.82096	8.23705	8.43525	8.47072	8.38259	8.17951	7.87041	7.48244
3757961.30	9.82189	10.87910	11.46600	11.58333	11.35864	10.87959	10.21594	9.46290	8.69724
3757931.30	15.07033	16.77279	17.28892	16.68157	15.41439	13.86355	12.32887	10.94722	9.74399
3757901.30	28.10953	30.23866	28.86926	24.45937	20.05472	16.65866	14.08944	12.10040	10.51456
3757871.30	144.18008	143.64186	55.12677	32.01735	23.53371	18.59347	15.26805	12.84441	10.98013
3757841.30	190.47359	180.15673	62.25599	35.04291	25.19324	19.57745	15.85939	13.17946	11.13548
3757811.30	197.49524	183.63923	64.03019	35.99453	25.73509	19.85178	15.94469	13.12303	10.97182
3757781.30	199.55747	184.67359	64.53809	36.14294	25.65453	19.63638	15.61888	12.71198	10.50261
3757751.30	200.13220	184.75952	64.31232	35.73505	25.08226	18.96913	14.89013	11.94603	9.73275
3757721.30	199.85003	184.15698	63.42602	34.72661	23.96146	17.78379	13.70291	10.80905	8.68409
3757691.30	198.61870	182.63223	61.70471	32.88546	22.08989	15.95418	12.00964	9.32329	7.42811
3757661.30	196.13347	179.67779	58.52387	29.73842	19.16633	13.38870	9.88199	7.62873	6.10538
3757631.30	190.83246	173.66599	52.56639	24.51299	14.99032	10.27689	7.62140	5.97963	4.88191
3757601.30	177.31773	159.70925	40.56808	16.50923	10.18675	7.30465	5.65399	4.59334	3.85875
3757571.30	55.82208	41.09123	14.09813	8.81926	6.49864	5.11472	4.18794	3.53240	3.05160
3757541.30	14.83180	9.77811	7.10421	5.53430	4.50191	3.76015	3.20137	2.77387	2.44574
3757511.30	7.70679	5.95864	4.88866	4.09630	3.44919	2.96002	2.57249	2.25222	2.01699
3757481.30	5.10710	4.29126	3.70603	3.24521	2.81041	2.44427	2.15097	1.90890	1.71143
3757451.30	3.76397	3.31514	2.95683	2.62666	2.37183	2.08941	1.85020	1.65258	1.48794
3757421.30	2.93688	2.66095	2.43257	2.23839	2.04092	1.82941	1.62941	1.45864	1.31665
3757391.30	2.38611	2.19234	2.03962	1.91229	1.77799	1.62506	1.46266	1.31178	1.18282
3757361.30	1.99174	1.84459	1.73470	1.65030	1.56110	1.45451	1.32903	1.19946	1.08047
3757331.30	1.69777	1.57998	1.49422	1.43549	1.37721	1.30571	1.21455	1.10872	1.00210
3757301.30	1.47068	1.37403	1.30261	1.25825	1.21973	1.17292	1.11085	1.02995	0.93889
3757271.30	1.29034	1.21008	1.14839	1.11165	1.08490	1.05433	1.01416	0.95681	0.88379

*** AERMOD - VERSION 09292 *** *** Site 15 - PM2.5 *** 06/29/10
 *** *** *** *** *** 14:44:27
 *** *** *** *** *** PAGE 15

***MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	372780.44	372810.44	372840.44	372870.44	372900.44	372930.44	372960.44	372990.44	373020.44
3757241.30	1.14404	1.07672	1.02284	0.99014	0.96974	0.94931	0.92399	0.88630	0.83181
3757211.30	1.02332	0.96620	0.91919	0.88904	0.87164	0.85706	0.84110	0.81799	0.78041
3757181.30	0.92229	0.87319	0.83234	0.80440	0.78818	0.77659	0.76607	0.75274	0.72901
3757151.30	0.83675	0.79396	0.75847	0.73289	0.71712	0.70673	0.69897	0.69162	0.67819
3757121.30	0.76356	0.72577	0.69484	0.67181	0.65643	0.64627	0.63954	0.63534	0.62892
3757091.30	0.70037	0.66662	0.63946	0.61898	0.60429	0.59397	0.58728	0.58429	0.58209
3757061.30	0.64536	0.61491	0.59084	0.57278	0.55912	0.54868	0.54149	0.53851	0.53837
3757031.30	0.59715	0.56944	0.54788	0.53198	0.51959	0.50930	0.50148	0.49780	0.49821
3757001.30	0.55460	0.52921	0.50970	0.49565	0.48464	0.47484	0.46652	0.46182	0.46178
3756971.30	0.51683	0.49345	0.47560	0.46312	0.45345	0.44442	0.43589	0.43011	0.42907

*** AERMOD - VERSION 09292 *** *** Site 15 - PM2.5 *** 06/29/10
 *** *** *** *** *** 14:44:27
 *** *** *** *** *** PAGE 16

***MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	373050.44	373080.44	373110.44	373140.44	373170.44	373200.44	373230.44	373260.44	373290.44
3758441.30	1.16465	1.15111	1.13466	1.11922	1.10693	1.09827	1.09283	1.09003	1.08939
3758411.30	1.25029	1.23493	1.21688	1.20186	1.19072	1.18355	1.17978	1.17880	1.18005
3758381.30	1.34664	1.32855	1.31093	1.29691	1.28745	1.28229	1.28071	1.28197	1.28543
3758351.30	1.45621	1.43676	1.41967	1.40739	1.40028	1.39775	1.39889	1.40274	1.40860
3758321.30	1.58230	1.56245	1.54693	1.53729	1.53333	1.53409	1.53834	1.54493	1.55299
3758291.30	1.72944	1.71057	1.69784	1.69186	1.69189	1.69645	1.70384	1.71267	1.72181
3758261.30	1.90398	1.88780	1.87921	1.87802	1.88267	1.89088	1.90048	1.90980	1.91729
3758231.30	2.11483	2.10316	2.10018	2.10458	2.11348	2.12373	2.13282	2.13874	2.13954
3758201.30	2.37419	2.36892	2.37259	2.38186	2.39234	2.40043	2.40339	2.39905	2.38580
3758171.30	2.69895	2.70133	2.71029	2.72012	2.72572	2.72338	2.71067	2.68622	2.64949
3758141.30	3.11186	3.11940	3.12677	3.12707	3.11542	3.08915	3.04744	2.99054	2.91951
3758111.30	3.63973	3.64115	3.63092	3.60293	3.55457	3.48609	3.39920	3.29630	3.18033
3758081.30	4.30711	4.27645	4.21954	4.13471	4.02434	3.89260	3.74403	3.58318	3.41446
3758051.30	5.12369	5.01471	4.86865	4.69199	4.49289	4.27893	4.05654	3.83111	3.60690
3758021.30	6.06330	5.81235	5.52965	5.22905	4.92158	4.61507	4.31489	4.02471	3.74685
3757991.30	7.04776	6.59340	6.13931	5.69821	5.27677	4.87800	4.50319	4.15266	3.82611
3757961.30	7.96143	7.27436	6.64209	6.06350	5.53464	5.05136	4.60994	4.20706	3.83989
3757931.30	8.70184	7.79575	7.00239	6.30219	5.68024	5.12548	4.62944	4.18553	3.78851
3757901.30	9.21589	8.12896	7.20295	6.40344	5.70705	5.09709	4.56124	4.09003	3.67563
3757871.30	9.49001	8.26483	7.23688	6.36277	5.61316	4.96713	4.40903	3.92627	3.50828
3757841.30	9.51425	8.19272	7.09620	6.17615	5.39906	4.74031	4.18050	3.70379	3.29705
3757811.30	9.27202	7.89808	6.77202	5.84154	5.06884	4.42482	3.88625	3.43430	3.05357
3757781.30	8.77197	7.39221	6.28096	5.38008	4.64578	4.04406	3.54817	3.13689	2.79334
3757751.30	8.03101	6.70465	5.66065	4.83177	4.16798	3.63151	3.19361	2.83243	2.51336
3757721.30	7.09554	5.89174	4.96712	4.24654	3.67629	3.21806	2.84447	2.53582	2.27773
3757691.30	6.05546	5.03879	4.26909	3.67356	3.20319	2.82449	2.51432	2.25649	2.03942
3757661.30	5.02537	4.28844	3.62193	3.14858	2.77118	2.46471	2.21172	1.99975	1.81979
3757631.30	4.09872	3.51074	3.05300	2.68779	2.39098	2.14600	1.94111	1.76771	1.61929
3757601.30	3.31339	2.90091	2.56608	2.29085	2.06120	1.86752	1.70264	1.56111	1.43870
3757571.30	2.68483	2.39341	2.15338	1.95029	1.77583	1.62482	1.49352	1.37881	1.27815
3757541.30	2.18947	1.98298	1.81060	1.66203	1.53121	1.41493	1.31135	1.21905	1.13670
3757511.30	1.82357	1.66808	1.53895	1.42775	1.32884	1.23919	1.15747	1.08305	1.01549
3757481.30	1.55402	1.42855	1.32610	1.23935	1.16292	1.09329	1.02875	0.96873	0.91312
3757451.30	1.35349	1.24556	1.15874	1.08713	1.02575	0.97076	0.91970	0.87584	0.82584
3757421.30	1.19954	1.10441	1.02753	0.96489	0.91259	0.86727	0.82618	0.78746	0.75033
3757391.30	1.07695	0.99128	0.92221	0.86620	0.81995	0.78069	0.74616	0.71442	0.68416

Site #15 – Localized PM2.5 Concentrations

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3757361.30 | 0.97991 0.89911 0.83502 0.78385 0.74240 0.70785 0.67801 0.65122 0.62614
3757331.30 | 0.90580 0.82602 0.76326 0.71434 0.67576 0.64468 0.61868 0.59593 0.57503
3757301.30 | 0.84943 0.77047 0.70651 0.65703 0.61902 0.58945 0.56584 0.54618 0.52883
3757271.30 | 0.80447 0.72871 0.66358 0.61184 0.57231 0.54232 0.51931 0.50117 0.48621
*** AERMOD - VERSION 09292 *** *** Site 15 - PM2.5 *** 06/29/10
*** 14:44:27 *** PAGE 17

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**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 373050.44 373080.44 373110.44 373140.44 373170.44 373200.44 373230.44 373260.44 373290.44
-----|-----
3757241.30 | 0.76545 0.69604 0.63173 0.57778 0.53556 0.50360 0.47964 0.46149 0.44740
3757211.30 | 0.72836 0.66809 0.60743 0.55283 0.50794 0.47317 0.44707 0.42770 0.41323
3757181.30 | 0.69097 0.64155 0.58713 0.54340 0.48794 0.45036 0.42148 0.39995 0.38415
3757151.30 | 0.65257 0.61444 0.56805 0.51930 0.47345 0.43400 0.40234 0.37815 0.36024
3757121.30 | 0.61345 0.58595 0.54844 0.50547 0.46212 0.42242 0.38873 0.36187 0.34144
3757091.30 | 0.57431 0.55615 0.52746 0.49129 0.45198 0.41368 0.37928 0.35038 0.32743
3757061.30 | 0.53593 0.52549 0.50496 0.47591 0.44168 0.40612 0.37240 0.34253 0.31760
3757031.30 | 0.49901 0.49456 0.48122 0.45906 0.43044 0.39859 0.36667 0.33700 0.31099
3757001.30 | 0.46414 0.46394 0.45666 0.44087 0.41791 0.39036 0.36110 0.33260 0.30647
3756971.30 | 0.43174 0.43419 0.43172 0.42161 0.40408 0.38107 0.35506 0.32845 0.30303
*** AERMOD - VERSION 09292 *** *** Site 15 - PM2.5 *** 06/29/10
*** 14:44:27 *** PAGE 18

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**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 373320.44 373350.44 373380.44 373410.44 373440.44
-----|-----
3758441.30 | 1.09057 1.09334 1.09762 1.10334 1.11018
3758411.30 | 1.18314 1.18785 1.19403 1.20134 1.20912
3758381.30 | 1.29066 1.29738 1.30520 1.31332 1.32072
3758351.30 | 1.41595 1.42426 1.43264 1.43991 1.44482
3758321.30 | 1.56176 1.57021 1.57699 1.58075 1.58046
3758291.30 | 1.73003 1.73580 1.73764 1.73444 1.72568
3758261.30 | 1.92122 1.92000 1.91250 1.89822 1.87718
3758231.30 | 2.13359 2.11977 2.09770 2.06758 2.03002
3758201.30 | 2.36271 2.32962 2.28704 2.23594 2.17742
3758171.30 | 2.60076 2.54104 2.47181 2.39472 2.31133
3758141.30 | 2.83616 2.74269 2.64143 2.53453 2.42397
3758111.30 | 3.05453 2.92202 2.78554 2.64741 2.50964
3758081.30 | 3.24175 3.06822 2.89634 2.72806 2.56497
3758051.30 | 3.38705 3.17378 2.96871 2.77308 2.58776
3758021.30 | 3.48275 3.23325 2.99894 2.78013 2.57672
3757991.30 | 3.52310 3.24306 2.98529 2.74884 2.53258
3757961.30 | 3.50604 3.20326 2.92927 2.68183 2.45873
3757931.30 | 3.43382 3.11733 2.83521 2.58392 2.36025
3757901.30 | 3.31121 2.99076 2.70899 2.46116 2.24308
3757871.30 | 3.14604 2.83181 2.55890 2.32148 2.11448
3757841.30 | 2.94924 2.65105 2.39459 2.17319 1.98119
3757811.30 | 2.73141 2.45738 2.22295 2.02112 1.84628
3757781.30 | 2.50417 2.25881 2.04898 1.86818 1.71127
3757751.30 | 2.27784 2.06234 1.87757 1.71789 1.57891
3757721.30 | 2.05957 1.87336 1.71302 1.57384 1.45216
3757691.30 | 1.85467 1.69590 1.55831 1.43815 1.33249
3757661.30 | 1.66526 1.53130 1.41422 1.31118 1.21992
3757631.30 | 1.49090 1.37874 1.27994 1.19230 1.11408
3757601.30 | 1.33205 1.23837 1.15541 1.08139 1.01492
3757571.30 | 1.18945 1.11097 1.04116 0.97867 0.92236
3757541.30 | 1.06308 0.99717 0.93806 0.88491 0.83693
3757511.30 | 0.95422 0.89864 0.84820 0.80244 0.76091
3757481.30 | 0.86188 0.81480 0.77158 0.73192 0.69555
3757451.30 | 0.78297 0.74297 0.70585 0.67144 0.63956
3757421.30 | 0.71472 0.68082 0.64885 0.61891 0.59094
3757391.30 | 0.65482 0.62636 0.59900 0.57295 0.54835
3757361.30 | 0.60188 0.57811 0.55486 0.53233 0.51072
3757331.30 | 0.55498 0.53522 0.51559 0.49622 0.47729
3757301.30 | 0.51255 0.49650 0.48029 0.46391 0.44753
3757271.30 | 0.47298 0.46034 0.44754 0.43427 0.42056
*** AERMOD - VERSION 09292 *** *** Site 15 - PM2.5 *** 06/29/10
*** 14:44:27 *** PAGE 19

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**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 373320.44 373350.44 373380.44 373410.44 373440.44
-----|-----
3757241.30 | 0.43593 0.42584 0.41606 0.40591 0.39509
3757211.30 | 0.40217 0.39332 0.38560 0.37806 0.37006
3757181.30 | 0.37250 0.36376 0.35689 0.35096 0.34514
3757151.30 | 0.34723 0.33780 0.33086 0.32550 0.32092
3757121.30 | 0.32642 0.31564 0.30797 0.30244 0.29826
3757091.30 | 0.31005 0.29736 0.28837 0.28212 0.27772
3757061.30 | 0.29788 0.28299 0.27220 0.26467 0.25956
3757031.30 | 0.28937 0.27232 0.25948 0.25024 0.24392
3757001.30 | 0.28372 0.26489 0.25005 0.23891 0.23097

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Site #15 – Localized PM2.5 Concentrations

3756971.30 | 0.27997 0.25999 0.24350 0.23053 0.22081
 *** AERMOD - VERSION 09292 *** *** Site 15 - PM2.5 ***
 *** 06/29/10
 14:44:27
 PAGE 20

***MODELOPTs: NonDEFAULT CONC
 FLAT
 NODRYDPLT NOWETDPLT
 *** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): AREAL , AREA2 , ***
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF PM2.5 IN MICROGRAMS/M**3 **
 X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC

 372922.94 3757605.69 8.31379 372861.54 3757481.08 3.37226
 372438.96 3757746.55 5.34761 372431.74 3757838.64 2.97551
 372435.35 3757928.94 1.86387
 *** AERMOD - VERSION 09292 *** *** Site 15 - PM2.5 ***
 *** 06/29/10
 14:44:27
 PAGE 21

***MODELOPTs: NonDEFAULT CONC
 FLAT
 NODRYDPLT NOWETDPLT
 *** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): AREAL , AREA2 , ***
 *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
 ** CONC OF PM2.5 IN MICROGRAMS/M**3 **
 Y-COORD (METERS) | X-COORD (METERS)

 371970.44 372000.44 372030.44 372060.44 372090.44

 3758441.3 | 3.69274 (06071424) 3.86320 (06071424) 3.98165m(05010924) 4.45989 (07071924) 5.23860 (06062824)
 3758411.3 | 3.67282 (07021124) 3.83723 (06071424) 4.04117 (06071424) 4.21823m(05010924) 4.67677 (07071924)
 3758381.3 | 3.69417 (07021124) 3.81248 (07021124) 3.98735 (06071424) 4.22667 (06071424) 4.47843m(05010924)
 3758351.3 | 3.71122 (06110124) 3.80797 (07021124) 3.95569 (07021124) 4.14373 (06071424) 4.42057 (06071424)
 3758321.3 | 4.60999 (06110124) 4.23835 (06110124) 3.92467 (07021124) 4.10263 (07021124) 4.30784 (06071424)
 3758291.3 | 5.15996 (06110124) 5.01005 (06110124) 4.71327 (06110124) 4.25370 (06110124) 4.25426 (07021124)
 3758261.3 | 5.41843 (06110124) 5.45592 (06110124) 5.38972 (06110124) 5.18281 (06110124) 4.80159 (06110124)
 3758231.3 | 5.46201 (06110124) 5.62492 (06110124) 5.72625 (06110124) 5.74269 (06110124) 5.63442 (06110124)
 3758201.3 | 5.34576 (06110124) 5.60589 (06110124) 5.81590 (06110124) 5.97417 (06110124) 6.06668 (06110124)
 3758171.3 | 5.18650 (07091324) 5.43287 (06110124) 5.74045 (06110124) 5.99567 (06110124) 6.20553 (06110124)
 3758141.3 | 5.47267 (07091324) 5.56941 (07091324) 5.61170 (07091324) 5.86691 (06110124) 6.16961 (06110124)
 3758111.3 | 5.53054 (07091324) 5.73828 (07091324) 5.90785 (07091324) 6.03189 (07091324) 6.10137 (07091324)
 3758081.3 | 6.32037 (07020624) 6.26332 (07020624) 6.14722 (07020624) 6.20454 (07091324) 6.40603 (07091324)
 3758051.3 | 7.05500 (07020624) 7.19358 (07020624) 7.25900 (07020624) 7.24821 (07020624) 7.16284 (07020624)
 3758021.3 | 7.28098 (07020624) 7.62362 (07020624) 7.91684 (07020624) 8.14554 (07020624) 8.29983 (07020624)
 3757991.3 | 7.04969 (07020624) 7.51778 (07020624) 7.98083 (07020624) 8.41787 (07020624) 8.81121 (07020624)
 3757961.3 | 6.59074 (07020624) 7.08131 (07020624) 7.61174 (07020624) 8.16479 (07020624) 8.71866 (07020624)
 3757931.3 | 6.14438 (07020624) 6.58243 (07020624) 7.08604 (07020624) 7.65173 (07020624) 8.26744 (07020624)
 3757901.3 | 6.46656 (06041124) 6.69653 (06041124) 6.69281 (06041124) 7.16828 (07020624) 7.75357 (07020624)
 3757871.3 | 7.14430 (06041124) 7.45861 (06041124) 7.78496 (06041124) 8.12300 (06041124) 8.47249 (06041124)
 3757841.3 | 8.04031 (05122624) 8.34392 (05122624) 8.66717 (05122624) 9.01346 (05122624) 9.38626 (05122624)
 3757811.3 | 9.06847 (05122624) 9.45741 (05122624) 9.87009 (05122624) 10.30963 (05122624) 10.77989 (05122624)
 3757781.3 | 9.75589 (05122624) 10.20577 (05122624) 10.68012 (05122624) 11.18062 (05122624) 11.71017 (05122624)
 3757751.3 | 9.92575 (05122624) 10.39979 (05122624) 10.89997 (05122624) 11.42739 (05122624) 11.98370 (05122624)
 3757721.3 | 9.57387 (05122624) 10.03341 (05122624) 10.52351 (05122624) 11.04676 (05122624) 11.84454m(05012424)
 3757691.3 | 10.12701m(05012424) 10.86261m(05012424) 11.66400m(05012424) 12.53478m(05012424) 13.47818m(05012424)
 3757661.3 | 11.04667m(05012424) 11.81805m(05012424) 12.64330m(05012424) 13.52270m(05012424) 14.45561m(05012424)
 3757631.3 | 11.60213m(05012424) 12.31952m(05012424) 13.07705m(05012424) 13.85531m(05012424) 14.67292m(05012424)
 3757601.3 | 11.80532m(05012424) 12.41125m(05012424) 13.03410m(05012424) 13.67555m(05012424) 14.33982m(05012424)
 3757571.3 | 11.71116m(05012424) 12.19549m(05012424) 12.69105m(05012424) 13.20323m(05012424) 13.74222m(05012424)
 3757541.3 | 11.35585m(05012424) 11.73573m(05012424) 12.20106 (06012524) 12.91957 (06012524) 13.66893 (06012524)
 3757511.3 | 11.46966 (06012524) 12.05955 (06012524) 12.65682 (06012524) 13.30064 (06012524) 13.98333 (06012524)
 3757481.3 | 11.65459 (06012524) 12.14191 (06012524) 12.65393 (06012524) 13.20939 (06012524) 13.83019 (06012524)
 3757451.3 | 11.36645 (06012524) 11.75492 (06012524) 12.18139 (06012524) 12.66296 (06012524) 13.48848 (06012524)
 3757421.3 | 10.69406 (06012524) 11.33183 (05120724) 12.06587 (05120724) 12.80024 (05120724) 13.51836 (05120724)
 3757391.3 | 10.84135 (05120724) 11.45133 (05120724) 12.04646 (05120724) 12.87173 (05121124) 13.91094 (05121124)
 3757361.3 | 10.79708 (05120724) 11.49902 (05121124) 12.33060 (05121124) 13.20344 (05121124) 14.09394 (05121124)
 3757331.3 | 10.99626 (05121124) 11.69453 (05121124) 12.40849 (05121124) 13.11670 (05121124) 13.78949 (05121124)
 3757301.3 | 10.99417 (05121124) 11.56702 (05121124) 12.12020 (05121124) 12.63174 (05121124) 13.07592 (05121124)
 3757271.3 | 10.71902 (05121124) 11.15168 (05121124) 11.59568 (07123024) 12.14507 (07123024) 12.57360 (07123024)
 *** AERMOD - VERSION 09292 *** *** Site 15 - PM2.5 ***
 *** 06/29/10
 14:44:27
 PAGE 22

***MODELOPTs: NonDEFAULT CONC
 FLAT
 NODRYDPLT NOWETDPLT
 *** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): AREAL , AREA2 , ***
 *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
 ** CONC OF PM2.5 IN MICROGRAMS/M**3 **
 Y-COORD (METERS) | X-COORD (METERS)

 371970.44 372000.44 372030.44 372060.44 372090.44

 3757241.3 | 10.53338 (07123024) 11.06224 (07123024) 11.47716 (07123024) 11.77092 (07123024) 12.45514 (05110524)
 3757211.3 | 10.51480 (07123024) 10.81273 (07123024) 10.99270 (07123024) 11.83571 (05110524) 12.77257 (05110524)
 3757181.3 | 10.16231 (07123024) 10.40098 (05110524) 11.23410 (05110524) 12.03268 (05110524) 12.73777 (05110524)
 3757151.3 | 9.93130 (05110524) 10.65054 (05110524) 11.48692 (05112224) 12.15166 (05112224) 12.61164 (05120824)
 3757121.3 | 10.30054 (05112224) 11.03683 (05112224) 11.58472 (05112224) 11.92389 (05120824) 12.37227 (05120824)
 3757091.3 | 10.59444 (05111224) 11.03776 (05111224) 11.27853 (05120824) 11.63254 (05120824) 11.78384 (05120824)
 3757061.3 | 10.51174 (05111224) 10.67526 (05120824) 11.07535 (05120824) 11.07535 (05100924) 11.60848 (05100924)
 3757031.3 | 10.11140 (05120824) 10.32425 (05120824) 10.44241 (05100924) 10.94042 (05100924) 11.23082 (05100924)
 3757001.3 | 9.74618 (05120824) 9.86691 (05100924) 10.33399 (05100924) 10.61020 (05100924) 10.64656 (05100924)
 3756971.3 | 9.34253 (05100924) 9.78200 (05100924) 10.04595 (05100924) 10.08728 (05100924) 9.87189 (05100924)
 *** AERMOD - VERSION 09292 *** *** Site 15 - PM2.5 ***
 *** 06/29/10
 14:44:27
 PAGE 23

***MODELOPTs: NonDEFAULT CONC
 FLAT
 NODRYDPLT NOWETDPLT
 *** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): AREAL , AREA2 , ***
 *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Site #15 – Localized PM2.5 Concentrations

Y-COORD (METERS)	** CONC OF PM2.5 IN MICROGRAMS/M**3 **				
	372120.44	372150.44	372180.44	372210.44	372240.44
3758441.3	6.09308 (06062824)	6.77712 (06062824)	7.19405 (06062824)	7.25607 (06062824)	6.91933 (06062824)
3758411.3	5.58743 (06062824)	6.47729 (06062824)	7.17531 (06062824)	7.57713 (06062824)	7.58890 (06062824)
3758381.3	4.93119 (06062824)	5.96785 (06062824)	6.89404 (06062824)	7.60570 (06062824)	7.98845 (06062824)
3758351.3	4.76582m (05010924)	5.29119 (06062824)	6.38318 (06062824)	7.34785 (06062824)	8.07213 (06062824)
3758321.3	4.62301 (06071424)	5.08358m (05010924)	5.68736 (06062824)	6.83856 (06062824)	7.84308 (06062824)
3758291.3	4.49890 (07100124)	4.83600 (06071424)	5.43718m (05010924)	6.12458 (06062824)	7.33857 (06062824)
3758261.3	4.46410 (07100124)	4.77525 (07100124)	5.12962m (05010924)	5.83230m (05010924)	6.60825 (06062824)
3758231.3	5.35479 (06110124)	4.86736 (06110124)	5.06625 (07100124)	5.51360 (06092024)	6.27559m (05010924)
3758201.3	6.05877 (06110124)	5.89637 (06110124)	5.52114 (06110124)	5.44809 (06092024)	6.02015 (06062824)
3758171.3	6.36499 (06110124)	6.45042 (06110124)	6.41169 (06110124)	6.17593 (06110124)	5.90532 (06092024)
3758141.3	6.42692 (06110124)	6.64443 (06110124)	6.81128 (06110124)	6.89142 (06110124)	6.81045 (06110124)
3758111.3	6.34022 (06110124)	6.64519 (06110124)	6.91415 (06110124)	7.15021 (06110124)	7.33432 (06110124)
3758081.3	6.56580 (07091324)	6.67642 (07091324)	6.86622 (06110124)	7.18470 (06110124)	7.47995 (06110124)
3758051.3	7.01057 (07020624)	6.98861 (07091324)	7.21698 (06090824)	7.62352 (06090824)	8.00523 (06090824)
3758021.3	8.37439 (07020624)	8.36699 (07020624)	8.27817 (07020624)	8.11006 (07020624)	8.51701 (06090824)
3757991.3	9.14691 (07020624)	9.41715 (07020624)	9.61689 (07020624)	9.74333 (07020624)	9.78954 (07020624)
3757961.3	9.25172 (07020624)	9.74731 (07020624)	10.19623 (07020624)	10.59645 (07020624)	10.95057 (07020624)
3757931.3	8.91278 (07020624)	9.56263 (07020624)	10.19435 (07020624)	10.79303 (07020624)	11.35541 (07020624)
3757901.3	8.41517 (07020624)	9.13879 (07020624)	9.89914 (07020624)	10.66738 (07020624)	11.41772 (07020624)
3757871.3	8.83403 (06041124)	9.20917 (06041124)	9.60079 (06041124)	10.43242 (07020624)	11.36594 (07020624)
3757841.3	9.78982 (05122624)	10.22943 (05122624)	10.71111 (05122624)	11.24220 (05122624)	11.83208 (05122624)
3757811.3	11.28593 (05122624)	11.83293 (05122624)	12.42790 (05122624)	13.07861 (05122624)	13.79449 (05122624)
3757781.3	12.27179 (05122624)	12.86970 (05122624)	13.50895 (05122624)	14.19626 (05122624)	14.93933 (05122624)
3757751.3	12.57091 (05122624)	13.19172 (05122624)	13.84966 (05122624)	14.55031 (05122624)	15.30064 (05122624)
3757721.3	12.77042m (05012424)	13.79184m (05012424)	14.91692m (05012424)	16.15239m (05012424)	17.50378m (05012424)
3757691.3	14.49589m (05012424)	15.58928m (05012424)	16.75803m (05012424)	18.00025m (05012424)	19.31593m (05012424)
3757661.3	15.44134m (05012424)	16.47878m (05012424)	17.56853m (05012424)	18.71415m (05012424)	19.92535m (05012424)
3757631.3	15.52548m (05012424)	16.41763m (05012424)	17.35971m (05012424)	18.36835m (05012424)	19.47009m (05012424)
3757601.3	15.03439m (05012424)	15.77212m (05012424)	16.57250m (05012424)	17.46157m (05012424)	18.47622m (05012424)
3757571.3	14.32012m (05012424)	14.95557m (05012424)	15.70590 (06010824)	16.77908 (06012524)	18.04585 (05110524)
3757541.3	14.46709 (06012524)	15.34310 (06012524)	16.33533 (06012524)	17.48689 (06012524)	18.83370 (06012524)
3757511.3	14.74078 (06012524)	15.60447 (06012524)	16.60272 (06012524)	17.75086 (06012524)	19.03691 (06012524)
3757481.3	14.53828 (06012524)	15.34811 (06012524)	16.25657 (06012524)	17.31901 (05120724)	18.77353 (05121124)
3757451.3	14.38123 (05120724)	15.25815 (05120724)	16.43537 (05121124)	18.05446 (05121124)	19.75313 (05121124)
3757421.3	14.49633 (05121124)	15.79482 (05121124)	17.15850 (05121124)	18.54054 (05121124)	19.87628 (05121124)
3757391.3	15.00211 (05121124)	16.11311 (05121124)	17.19479 (05121124)	18.18666 (05121124)	19.01862 (05121124)
3757361.3	14.96964 (05121124)	15.78649 (05121124)	16.49388 (05121124)	17.03948 (05121124)	17.37757 (05121124)
3757331.3	14.39179 (05121124)	14.88621 (05121124)	15.23735 (05121124)	16.13466 (05110524)	17.75498 (05110524)
3757301.3	13.42636 (05121124)	13.85087 (07123024)	15.21302 (05110524)	16.61347 (05110524)	17.84423 (05110524)
3757271.3	13.09719 (05110524)	14.35714 (05110524)	15.55213 (05110524)	16.56484 (05110524)	17.26478 (05110524)

*** AERMOD - VERSION 09292 *** ** Site 15 - PM2.5 ***

Y-COORD (METERS)	** CONC OF PM2.5 IN MICROGRAMS/M**3 **				
	372120.44	372150.44	372180.44	372210.44	372240.44
3757241.3	13.54662 (05110524)	14.55533 (05110524)	15.37972 (05110524)	16.00891 (05120824)	16.81496 (05120824)
3757211.3	13.61748 (05110524)	14.28424 (05110524)	14.98812 (05120824)	15.60074 (05120824)	16.26600 (0510924)
3757181.3	13.34449 (05120824)	14.04531 (05120824)	14.50161 (05120824)	15.11301 (0510924)	15.54625 (0510924)
3757151.3	13.17498 (05120824)	13.50521 (05120824)	14.08672 (0510924)	14.47586 (0510924)	14.49957 (0510924)
3757121.3	12.60257 (05120824)	13.17060 (0510924)	13.52559 (0510924)	13.54821 (0510924)	13.83378 (05122924)
3757091.3	12.34846 (0510924)	12.67761 (0510924)	12.70086 (0510924)	12.84727 (05122924)	13.45736 (05122924)
3757061.3	11.91664 (0510924)	11.94366 (0510924)	11.96060 (05122924)	12.54868 (05122924)	12.79498 (05122924)
3757031.3	11.26257 (0510924)	11.16281 (05122924)	11.72462 (05122924)	11.99964 (05122924)	11.90769 (05122924)
3757001.3	10.44203 (05122924)	10.97597 (05122924)	11.26845 (05122924)	11.25002 (05122924)	10.86821 (05122924)
3756971.3	10.29415 (05122924)	10.59507 (05122924)	10.63307 (05122924)	10.35873 (05122924)	9.74412 (05122924)

*** AERMOD - VERSION 09292 *** ** Site 15 - PM2.5 ***

Y-COORD (METERS)	** CONC OF PM2.5 IN MICROGRAMS/M**3 **				
	372270.44	372300.44	372330.44	372360.44	372390.44
3758441.3	6.47503 (05082524)	6.06563 (05082524)	5.74331 (05101024)	5.68144 (05101024)	5.73626 (06090524)
3758411.3	7.16916 (06062824)	6.7136 (05082524)	6.19767 (05082524)	6.02528 (05101024)	5.83907 (07030924)
3758381.3	7.94259 (06062824)	7.42974 (06062824)	7.04936 (05082524)	6.28412 (05082524)	6.23536 (05101024)
3758351.3	8.43206 (06062824)	8.31992 (06062824)	7.84416 (05082524)	7.30169 (05082524)	6.53581 (05101024)
3758321.3	8.58004 (06062824)	8.91301 (06062824)	8.72519 (06062824)	8.26555 (05082524)	7.51993 (05082524)
3758291.3	8.38559 (06062824)	9.13612 (06062824)	9.43841 (06062824)	9.16308 (06062824)	8.68272 (05082524)
3758261.3	7.88988 (06062824)	8.98324 (06062824)	9.74899 (06062824)	10.01597 (06062824)	9.71284 (05082524)
3758231.3	7.14550 (06062824)	8.50017 (06062824)	9.64492 (06062824)	10.43007 (06062824)	10.65669 (06062824)
3758201.3	6.77544m (05010924)	7.74465 (06062824)	9.17860 (06062824)	10.38389 (06062824)	11.19397 (06062824)
3758171.3	6.57750 (06092024)	7.34296m (05010924)	8.41557 (06062824)	9.93901 (06062824)	11.21588 (06062824)
3758141.3	6.49375 (07080524)	7.18989 (06092024)	7.99073m (05010924)	9.17150 (06062824)	10.79667 (06062824)
3758111.3	7.40796 (06110124)	7.26558 (06110124)	7.86246 (06092024)	8.73653m (05010924)	10.03961m (05010924)
3758081.3	7.75031 (06110124)	7.96289 (06110124)	8.29493 (05021824)	8.63808 (05021824)	9.60146m (05010924)
3758051.3	8.33684 (06090824)	8.58888 (06090824)	9.08688 (05021824)	9.60498 (05021824)	10.06614 (05021824)
3758021.3	9.04662 (06090824)	9.52599 (06090824)	9.91721 (06090824)	10.51572 (05021824)	11.21476 (05021824)
3757991.3	9.74660 (07020624)	10.14178 (06090824)	10.83861 (06090824)	11.45476 (06090824)	12.24678 (05021824)
3757961.3	11.25997 (07020624)	11.51968 (07020624)	11.71362 (07020624)	12.16945 (06090824)	13.10288 (06090824)
3757931.3	11.88979 (07020624)	12.41050 (07020624)	12.93258 (07020624)	13.46371 (07020624)	14.00037 (07020624)
3757901.3	12.13854 (07020624)	12.83366 (07020624)	13.52368 (07020624)	14.23764 (07020624)	15.00674 (07020624)
3757871.3	12.31438 (07020624)	13.25252 (07020624)	14.17403 (07020624)	15.09722 (07020624)	16.06069 (07020624)
3757841.3	12.49204 (05122624)	13.57839 (07020624)	14.82769 (07020624)	16.09664 (07020624)	17.39857 (07020624)
3757811.3	14.58703 (05122624)	15.47023 (05122624)	16.46238 (05122624)	17.58725 (05122624)	19.23638 (07112524)
3757781.3	15.74838 (05122624)	16.63606 (05122624)	17.61896 (05122624)	18.72316 (07112524)	20.61022 (07112524)
3757751.3	16.16352m (05012424)	17.74165m (05012424)	19.52356m (05012424)	21.52609m (05012424)	23.76733m (05012424)

Site #15 – Localized PM2.5 Concentrations

Table with 6 columns of source IDs and 6 columns of PM2.5 concentration values. Includes header information like 'AERMOD - VERSION 09292 ***' and 'Site 15 - PM2.5'.

Table with 6 columns of source IDs and 6 columns of PM2.5 concentration values. Includes header information like 'MODELOPTs: NonDEFAULT CONC' and 'Site 15 - PM2.5'.

Table with 6 columns of source IDs and 6 columns of PM2.5 concentration values. Includes header information like 'MODELOPTs: NonDEFAULT CONC' and 'Site 15 - PM2.5'.

Table with 6 columns of source IDs and 6 columns of PM2.5 concentration values. Includes header information like 'MODELOPTs: NonDEFAULT CONC' and 'Site 15 - PM2.5'.

Site #15 - Localized PM2.5 Concentrations

(METERS)	372420.44	372450.44	372480.44	372510.44	372540.44
3757241.3	19.28850 (05122924)	17.72645 (05122924)	16.22591 (05011824)	18.00725 (06120424)	19.23290 (06120424)
3757211.3	16.75728 (05122924)	14.71264 (05011824)	15.72667 (06120424)	17.24668 (06120424)	17.73128 (06120424)
3757181.3	14.09621 (05122924)	13.77532 (07120924)	15.34170 (06120424)	16.25540 (06120424)	16.13465 (06120424)
3757151.3	12.33743 (07120924)	13.58066 (06120424)	14.73317 (06120424)	15.11728 (06120424)	14.53095 (06120424)
3757121.3	11.99363 (06120424)	13.24950 (06120424)	13.96233 (06120424)	13.90191 (06120424)	13.14836 (05020424)
3757091.3	11.85600 (06120424)	12.76083 (06120424)	13.08263 (06120424)	12.60701 (06120424)	12.88967 (05020424)
3757061.3	11.57655 (06120424)	12.15324 (06120424)	12.13914 (06120424)	11.45134 (06120424)	12.49748 (05020424)
3757031.3	11.18129 (06120424)	11.46236 (06120424)	11.16938 (06120424)	10.99673 (05020424)	12.00393 (05020424)
3757001.3	10.69708 (06120424)	10.71668 (06120424)	10.20177 (06120424)	10.78495 (05020424)	11.43876 (05020424)
3756971.3	10.14631 (06120424)	9.94258 (06120424)	9.44887 (05020424)	10.48099 (05020424)	10.82847 (05020424)

*** AERMOD - VERSION 09292 *** Site 15 - PM2.5 ***
06/29/10
14:44:27
PAGE 29

**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372570.44	372600.44	X-COORD (METERS) 372630.44	372660.44	372690.44
3758441.3	9.71894 (06090524)	9.47762 (06090524)	9.42869 (06091124)	8.84245 (06091124)	9.18102 (07050924)
3758411.3	10.59365 (06090524)	10.30938 (06090524)	10.03014 (06091124)	9.56228 (06091124)	9.61772 (07030724)
3758381.3	11.53690 (06090524)	11.26259 (06090524)	10.90615 (06090524)	10.33989 (06091124)	10.22045 (07030724)
3758351.3	12.52607 (06090524)	12.33512 (06090524)	11.95042 (06090524)	11.18855 (06090524)	10.88596 (07030724)
3758321.3	13.52594 (06090524)	13.51466 (06090524)	13.16509 (06090524)	12.31768 (06090524)	11.62408 (07030724)
3758291.3	14.49876 (06090524)	14.77460 (06090524)	14.55667 (06090524)	13.65833 (06090524)	12.44542 (07030724)
3758261.3	15.39606 (06090524)	16.08198 (06090524)	16.11748 (06090524)	15.24998 (06090524)	13.60676 (06091124)
3758231.3	16.15670 (06090524)	17.39464 (06090524)	17.82491 (06090524)	17.12244 (06090524)	15.12734 (06090524)
3758201.3	16.71033 (06090524)	18.66082 (06090524)	19.64333 (06090524)	19.28782 (06090524)	17.18858 (06090524)
3758171.3	16.97052 (06090524)	19.81212 (06090524)	21.52981 (06090524)	21.73638 (06090524)	19.69835 (06090524)
3758141.3	16.85806 (06090524)	20.75081 (06090524)	23.43045 (06090524)	24.44254 (06090524)	22.71586 (06090524)
3758111.3	16.32507 (06090524)	21.34499 (06090524)	25.27152 (06090524)	27.37504 (06090524)	26.28072 (06090524)
3758081.3	15.38088 (06090524)	21.43974 (06090524)	26.93428 (06090524)	30.49843 (06090524)	30.41987 (06090524)
3758051.3	17.75851 (06062824)	20.91632 (06090524)	28.22675 (06090524)	33.77059 (06090524)	35.19379 (06090524)
3758021.3	20.03540 (06062824)	20.77301 (06062824)	28.85634 (06090524)	37.09753 (06090524)	40.72568 (06090524)
3757991.3	21.28756m(05010924)	23.80685 (06062824)	28.51196 (06090524)	40.26047 (06090524)	47.22677 (06090524)
3757961.3	21.95957m(05010924)	25.92944m(05010924)	29.90973 (06062824)	42.81675 (06090524)	55.13596 (06090524)
3757931.3	25.27650 (05021824)	27.54963 (05021824)	33.22123m(05010924)	44.37351 (06090524)	65.81644 (06090524)
3757901.3	29.60160 (05021824)	34.06098 (05021824)	39.78129 (05021824)	46.93417 (05021824)	83.53068 (06090524)
3757871.3	33.12538 (05021824)	39.49276 (05021824)	48.79170 (05021824)	65.09610 (05021824)	119.64902 (05021824)
3757841.3	34.72075 (05021824)	41.94804 (05021824)	52.84775 (07112524)	78.03806 (07112524)	170.16084 (07112524)
3757811.3	40.18174 (07112524)	49.68547 (07112524)	65.57927 (07112524)	95.61555 (07112524)	187.96549 (07112524)
3757781.3	45.77070 (07112524)	57.12001 (07112524)	74.84587 (07112524)	104.99818 (07112524)	195.85354 (07112524)
3757751.3	50.66290 (07112524)	62.90755 (07112524)	80.70989 (07112524)	109.99823 (07112524)	199.48911 (07112524)
3757721.3	54.33532 (07112524)	66.72524 (07112524)	84.04282 (07112524)	112.45841 (07112524)	200.92472 (07112524)
3757691.3	56.23352 (07112524)	68.49052 (07112524)	85.38959 (07112524)	113.24620 (07112524)	201.21009 (07112524)
3757661.3	55.84668 (07112524)	67.84942 (07112524)	84.58096 (07112524)	112.42744 (07112524)	200.55771 (07112524)
3757631.3	53.94577m(05012424)	64.42708 (07112524)	80.70510 (07112524)	108.73296 (07112524)	197.67726 (07112524)
3757601.3	53.63541 (05112724)	64.12867 (05111724)	80.63710 (05120824)	107.30810 (05120824)	188.11206 (05120824)
3757571.3	54.97753 (05111724)	65.15854 (05111724)	78.78327 (05120824)	102.93469 (05120824)	168.27202 (05120824)
3757541.3	54.50924 (05111724)	62.60301 (06123024)	74.63005 (05120824)	88.49284 (05120824)	102.98086 (06121824)
3757511.3	52.20222 (06123024)	59.60910 (05120824)	65.28403 (05120824)	71.43152 (06121824)	73.74283 (06121824)
3757481.3	49.38324 (05120824)	52.01962 (05120824)	53.28755 (06121824)	57.41889 (06121824)	55.99151 (06010524)
3757451.3	43.02334 (05120824)	41.68720 (06121824)	45.07390 (06121824)	46.21198 (06010524)	44.79504 (06010524)
3757421.3	35.72871 (05122924)	36.16645 (06121824)	37.55317 (06010524)	39.21412 (06010524)	41.06326 (07081524)
3757391.3	30.29112 (05011824)	31.21143 (07120924)	33.39773 (06010524)	33.15538 (06010524)	38.25708 (07081524)
3757361.3	26.38864 (05011824)	28.76853 (06120424)	29.39844 (06010524)	28.41416 (05020424)	35.86142 (07081524)
3757331.3	24.94528 (06120424)	25.92080 (06120424)	25.70953 (06010524)	25.52320 (05020424)	33.76928 (07081524)
3757301.3	23.21709 (06120424)	23.04839 (06010524)	23.15239 (05020424)	22.83009 (05020424)	31.90636 (07081524)
3757271.3	21.18556 (06120424)	20.61979 (06010524)	21.46333 (05020424)	20.26677 (05020424)	30.22073 (07081524)

*** AERMOD - VERSION 09292 *** Site 15 - PM2.5 ***
06/29/10
14:44:27
PAGE 30

**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372570.44	372600.44	X-COORD (METERS) 372630.44	372660.44	372690.44
3757241.3	19.03541 (06120424)	19.00489 (05020424)	19.70833 (05020424)	18.01058 (06112824)	28.67453 (07081524)
3757211.3	16.97848 (06010524)	18.03710 (05020424)	17.94847 (05020424)	17.07938 (07081524)	27.24164 (07081524)
3757181.3	15.73402 (05020424)	16.93431 (05020424)	16.23830 (05020424)	16.74205 (07081524)	25.90303 (07081524)
3757151.3	15.20747 (05020424)	15.75506 (05020424)	14.61418 (05020424)	16.37612 (07081524)	24.64675 (07081524)
3757121.3	14.53503 (05020424)	14.54934 (05020424)	13.26640 (06112824)	15.98478 (07081524)	23.46506 (07081524)
3757091.3	13.76229 (05020424)	13.35622 (05020424)	12.57068 (05102624)	15.57381 (07081524)	22.35270 (07081524)
3757061.3	12.92930 (05020424)	12.20394 (05020424)	12.01116 (05102624)	15.14766 (07081524)	21.30817 (07081524)
3757031.3	12.06809 (05020424)	11.11337 (05020424)	11.43770 (05102624)	14.71044 (07081524)	20.32827 (07081524)
3757001.3	11.20761 (05020424)	10.27461 (06112824)	10.86338 (05102624)	14.26835 (07081524)	19.41208 (07081524)
3756971.3	10.36568 (05020424)	9.84902 (05102624)	10.29493 (05102624)	13.82440 (07081524)	18.55716 (07081524)

*** AERMOD - VERSION 09292 *** Site 15 - PM2.5 ***
06/29/10
14:44:27
PAGE 31

**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372720.44	372750.44	X-COORD (METERS) 372780.44	372810.44	372840.44
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Site #15 – Localized PM2.5 Concentrations

3758441.3	11.71831 (07050924)	12.60045 (07050924)	11.49422 (07050924)	11.15563 (07083124)	12.23719 (07083124)
3758411.3	12.26522 (07050924)	13.24066 (07050924)	12.08223 (07050924)	12.05489 (07083124)	13.21878 (07083124)
3758381.3	12.85716 (07050924)	13.93533 (07050924)	12.72334 (07050924)	13.07511 (07083124)	14.31863 (07083124)
3758351.3	13.49999 (07050924)	14.69108 (07050924)	13.42529 (07050924)	14.23762 (07083124)	15.55289 (07083124)
3758321.3	14.20128 (07050924)	15.51554 (07050924)	14.19672 (07050924)	15.56769 (07083124)	16.93949 (07083124)
3758291.3	14.97008 (07050924)	16.41863 (07050924)	15.04766 (07050924)	17.09642 (07083124)	18.49760 (07083124)
3758261.3	15.81806 (07050924)	17.41145 (07050924)	16.16104 (07083124)	18.86074 (07083124)	20.25040 (07083124)
3758231.3	16.75898 (07050924)	18.50792 (07050924)	17.91562 (07083124)	20.90492 (07083124)	22.22080 (07083124)
3758201.3	17.81131 (07050924)	19.72560 (07050924)	19.99218 (07083124)	23.28093 (07083124)	24.43512 (07083124)
3758171.3	18.99902 (07050924)	21.08695 (07050924)	22.46942 (07083124)	26.05231 (07083124)	26.92026 (07083124)
3758141.3	20.35345 (07050924)	22.62088 (07050924)	25.44758 (07083124)	29.29504 (07083124)	29.70381 (07083124)
3758111.3	22.35042 (06090524)	24.36744 (07050924)	29.05619 (07083124)	33.10118 (07083124)	32.82091 (07083124)
3758081.3	26.61258 (06090524)	26.38416 (07050924)	33.46254 (07083124)	37.58802 (07083124)	36.32149 (07083124)
3758051.3	31.93881 (06090524)	29.62503 (07083124)	38.88576 (07083124)	42.91985 (07083124)	40.30736 (07083124)
3758021.3	38.53443 (06090524)	35.28703 (07083124)	45.63121 (07083124)	49.38649 (07083124)	44.98376 (07083124)
3757991.3	46.78771 (06090524)	42.93345 (07083124)	54.17724 (07083124)	57.55775 (07083124)	50.69346 (07083124)
3757961.3	57.53509 (06090524)	54.92560 (06090524)	65.50264 (07083124)	68.57478 (07083124)	57.90185 (07083124)
3757931.3	72.96596 (06090524)	72.67716 (06090524)	81.96245 (07083124)	84.75217 (07083124)	67.22469 (07083124)
3757901.3	102.11361 (06090524)	104.65241 (06090524)	110.43805 (07083124)	112.90521 (07083124)	84.60825 (07071524)
3757871.3	243.21626 (06090524)	253.01457 (05082924)	258.57028 (05082924)	249.32220 (05082924)	144.61031 (06101024)
3757841.3	276.71950 (06121424)	277.93599 (06121424)	265.01401 (06121424)	280.21333 (07111824)	161.69649 (07111824)
3757811.3	290.40024 (06121424)	288.20871 (06121424)	269.21875 (06121424)	284.01625 (07111824)	166.60945 (07111824)
3757781.3	295.65199 (06121424)	290.20540 (06121424)	279.47208 (07013024)	282.62928 (07111824)	165.66972 (07111824)
3757751.3	296.53245 (06121424)	289.95052 (06121424)	284.19901 (07013024)	280.16652 (07111824)	162.81314 (07111824)
3757721.3	295.10242 (06121424)	291.14995 (05011024)	286.61214 (07013024)	276.91654 (07111824)	161.54220 (06101024)
3757691.3	294.75913 (05011024)	293.71770 (05011024)	287.80841 (07013024)	274.05554 (05111024)	159.76153 (06101024)
3757661.3	296.97616 (05011024)	294.98350 (05011024)	287.95607 (07013024)	267.63746 (05111024)	154.44393 (05102324)
3757631.3	298.08557 (05011024)	293.96807 (05011024)	285.57425 (07013024)	260.43168 (07013024)	147.22676 (05102324)
3757601.3	295.54628 (05011024)	288.44117 (05011024)	276.78963 (07013024)	251.72887 (07081524)	134.62581 (06051424)
3757571.3	218.68196 (07081524)	228.04271 (07081524)	225.53972 (07081524)	206.85117 (07081524)	84.26792 (05040924)
3757541.3	130.21702 (07081524)	140.18190 (07081524)	137.44747 (07081524)	117.59215 (07081524)	58.50596 (05120324)
3757511.3	102.68361 (07081524)	112.80604 (07081524)	109.68107 (07081524)	89.83828 (07081524)	48.46103 (05120324)
3757481.3	86.33359 (07081524)	96.07030 (07081524)	92.63363 (07081524)	73.91951 (07081524)	40.76756 (05120324)
3757451.3	75.00267 (07081524)	84.06198 (07081524)	80.41014 (07081524)	63.32632 (07081524)	34.57189 (05120324)
3757421.3	66.50542 (07081524)	74.74401 (07081524)	71.00508 (07081524)	55.66662 (07081524)	29.40626 (05120324)
3757391.3	59.80484 (07081524)	67.16935 (07081524)	63.49317 (07081524)	49.81104 (07081524)	25.81666 (07081524)
3757361.3	54.32649 (07081524)	60.82913 (07081524)	57.35389 (07081524)	45.15275 (07081524)	24.47303 (07081524)
3757331.3	49.72303 (07081524)	55.42483 (07081524)	52.24700 (07081524)	41.33756 (07081524)	23.27403 (07081524)
3757301.3	45.77282 (07081524)	50.76480 (07081524)	47.93134 (07081524)	38.13997 (07081524)	22.19449 (07081524)
3757271.3	42.32774 (07081524)	46.71852 (07081524)	44.23573 (07081524)	35.40954 (07081524)	21.21507 (07081524)

*** AERMOD - VERSION 09292 *** *** Site 15 - PM2.5 *** 06/29/10
*** *** *** 14:44:27 ***
** MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT PAGE 32

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372720.44	372750.44	X-COORD (METERS) 372780.44	372810.44	372840.44
3757241.3	39.28831 (07081524)	43.18566 (07081524)	41.03242 (07081524)	33.04291 (07081524)	20.32033 (07081524)
3757211.3	36.58532 (07081524)	40.08685 (07081524)	38.22705 (07081524)	30.96665 (07081524)	19.49661 (07081524)
3757181.3	34.16786 (07081524)	37.35653 (07081524)	35.74905 (07081524)	29.12570 (07081524)	18.73594 (07081524)
3757151.3	31.93919 (07081524)	34.93829 (07081524)	33.54259 (07081524)	27.47956 (07081524)	18.02792 (07081524)
3757121.3	30.04812 (07081524)	32.78675 (07081524)	31.56564 (07081524)	25.99620 (07081524)	17.36663 (07081524)
3757091.3	28.28958 (07081524)	30.86198 (07081524)	29.78298 (07081524)	24.65151 (07081524)	16.74629 (07081524)
3757061.3	26.70114 (07081524)	29.13187 (07081524)	28.16811 (07081524)	23.42567 (07081524)	16.16243 (07081524)
3757031.3	25.26402 (07081524)	27.56937 (07081524)	26.69860 (07081524)	22.30329 (07081524)	15.61120 (07081524)
3757001.3	23.96050 (07081524)	26.15131 (07081524)	25.35650 (07081524)	21.27169 (07081524)	15.08965 (07081524)
3756971.3	22.77507 (07081524)	24.85968 (07081524)	24.12630 (07081524)	20.32061 (07081524)	14.59508 (07081524)

*** AERMOD - VERSION 09292 *** *** Site 15 - PM2.5 *** 06/29/10
*** *** *** 14:44:27 ***
** MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT PAGE 33

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREAL , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372870.44	372900.44	X-COORD (METERS) 372930.44	372960.44	372990.44
3758441.3	12.89421 (07083124)	13.00372 (07083124)	12.49628 (07083124)	11.40395 (07083124)	9.86976 (07083124)
3758411.3	13.85305 (07083124)	13.82568 (07083124)	13.09512 (07083124)	11.73886 (07083124)	10.45320 (05052624)
3758381.3	14.90039 (07083124)	14.69257 (07083124)	13.69145 (07083124)	12.03174 (07083124)	11.30184 (05052624)
3758351.3	16.04456 (07083124)	15.59984 (07083124)	14.27239 (07083124)	12.26813 (07083124)	12.11588 (05052624)
3758321.3	17.28888 (07083124)	16.54151 (07083124)	14.82280 (07083124)	12.64217 (05052624)	12.87204 (05052624)
3758291.3	18.63775 (07083124)	17.50550 (07083124)	15.32286 (07083124)	13.80069 (05052624)	13.54724 (05052624)
3758261.3	20.09535 (07083124)	18.47550 (07083124)	15.74795 (07083124)	14.92409 (05052624)	14.11853 (05052624)
3758231.3	21.65641 (07083124)	19.42980 (07083124)	16.07244 (07083124)	15.97616 (05052624)	14.63156 (07071524)
3758201.3	23.31664 (07083124)	20.33676 (07083124)	17.42062 (05052624)	16.91560 (05052624)	16.99034 (07071524)
3758171.3	25.05957 (07083124)	21.16354 (07083124)	19.05779 (05052624)	17.69710 (05052624)	19.10726 (07071524)
3758141.3	26.86678 (07083124)	21.87437 (07083124)	20.60243 (05052624)	20.16533 (07071524)	20.79104 (07071524)
3758111.3	28.71700 (07083124)	23.06603 (05052624)	21.97374 (05052624)	22.79913 (07071524)	21.91872 (07071524)
3758081.3	30.59777 (07083124)	25.65610 (05052624)	24.67441 (07071524)	24.95022 (07071524)	22.52749 (07071524)
3758051.3	32.50866 (07083124)	28.16861 (05052624)	28.26285 (07071524)	26.52322 (07071524)	22.82719 (07071524)
3758021.3	34.44057 (07083124)	31.89336 (07071524)	31.79077 (07071524)	27.65495 (07071524)	25.90307 (07092824)
3757991.3	38.42223 (05052624)	37.53240 (07071524)	33.89154 (07071524)	30.83338 (07092824)	32.75837 (06101024)
3757961.3	45.85819 (07071524)	42.57695 (07071524)	37.89560 (07092824)	41.28235 (06101024)	41.41917 (06101024)
3757931.3	56.44138 (07071524)	51.99780 (06101024)	52.65065 (06101024)	49.40569 (06101024)	45.40940 (06101024)
3757901.3	77.03594 (06101024)	68.13210 (06101024)	59.06624 (06101024)	52.16934 (06101024)	46.80895 (06101024)
3757871.3	92.66206 (06101024)	73.21811 (06101024)	61.77385 (06101024)	53.88382 (06101024)	47.83870 (06101024)
3757841.3	96.72305 (06101024)	75.97010 (06101024)	63.69584 (06101024)	55.10048 (06101024)	48.28624 (06101024)
3757811.3	98.16539 (06101024)	76.55013 (06101024)	63.99665 (06101024)	54.82506 (06101024)	47.11390 (06101024)
3757781.3	99.78148 (06101024)	76.56936 (06101024)	62.95966 (06101024)	52.68643 (06101024)	43.68966 (06101024)
3757751.3	100.75258 (06101024)	76.10426 (06101024)	60.21655 (06101024)	48.03656 (06101024)	39.62408 (05081824)
3757721.3	100.08577 (06101024)	73.28052 (06101024)	55.37658 (05102324)	45.63270 (05081824)	39.63815 (05081824)
3757691.3	95.46709 (06101024)	70.26960 (06051424)	56.11257 (06051424)	45.78374 (06051424)	37.76701 (06051424)
3757661.3	90.61740 (06051424)	68.38611 (06051424)	55.18679 (06051424)	46.15658 (06051424)	39.22879 (06051424)
3757631.3	86.59209 (06051424)	65.19512 (06051424)	53.29146 (06051424)	45.30977 (06051424)	39.17172 (06051424)
3757601.3	78.84093 (06051424)	59.68953 (06051424)	48.92861 (06051424)	41.71016 (06051424)	36.31150 (06051424)
3757571.3	56.92390 (06051424)	46.04353 (06051424)	39.32264 (06051424)	34.58629 (06051424)	30.93333 (06051424)

Site #15 – Localized PM2.5 Concentrations

3757541.3	44.60572 (05040924)	36.60950 (05040924)	30.16880 (05040924)	26.02746 (06051424)	24.44750 (06051424)
3757511.3	34.62253 (05120324)	30.99796 (05040924)	27.02106 (05040924)	23.24668 (05040924)	20.08683 (05012924)
3757481.3	32.79515 (05120324)	25.36035 (05040924)	23.55471 (05040924)	21.17894 (05040924)	18.73260 (05040924)
3757451.3	29.99819 (05120324)	23.55338 (05120324)	19.93794 (05040924)	18.75190 (05040924)	17.20445 (05040924)
3757421.3	26.95882 (05120324)	22.75244 (05120324)	18.60146 (05061324)	16.24031 (05040924)	15.39633 (05040924)
3757391.3	23.97300 (05120324)	21.38756 (05120324)	17.59705 (05120324)	15.16984 (05061324)	13.58163 (05040924)
3757361.3	21.16827 (05120324)	19.73305 (05120324)	17.14647 (05120324)	14.57726 (05061324)	12.52731 (05061324)
3757331.3	18.61363 (05120324)	17.97130 (05120324)	16.33102 (05120324)	13.84775 (05120324)	12.27755 (05061324)
3757301.3	16.34773 (05120324)	16.22018 (05120324)	15.28958 (05120324)	13.55763 (05120324)	11.78080 (05061324)
3757271.3	14.81767 (07120824)	14.55939 (05120324)	14.13289 (05120324)	13.01463 (05120324)	11.27708 (05120324)

*** AERMOD – VERSION 09292 *** *** Site 15 – PM2.5 ***
06/29/10
14:44:27
PAGE 34

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): AREAL , AREA2 , ***
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372870.44	372900.44	X-COORD (METERS) 372930.44	372960.44	372990.44
3757241.3	13.95389 (07120824)	13.03718 (05120324)	12.94591 (05120324)	12.30155 (05120324)	11.07313 (05120324)
3757211.3	13.09117 (07120824)	11.67842 (05120324)	11.79100 (05120324)	11.48966 (05120324)	10.68691 (05120324)
3757181.3	12.24964 (07120824)	11.21575 (07120824)	10.70805 (05120324)	10.63967 (05120324)	10.17074 (05120324)
3757151.3	11.44312 (07120824)	10.80106 (07120824)	9.71999 (05120324)	9.79683 (05120324)	9.57425 (05120324)
3757121.3	10.67803 (07120824)	10.35495 (07120824)	8.83572 (05120324)	8.99280 (05120324)	8.94070 (05120324)
3757091.3	9.95777 (07120824)	9.89537 (07120824)	8.59029 (07120824)	8.24697 (05120324)	8.30316 (05120324)
3757061.3	9.64226 (07081524)	9.43331 (07120824)	8.40492 (07120824)	7.77790 (05091724)	7.68697 (05120324)
3757031.3	9.52857 (07081524)	8.97749 (07120824)	8.19004 (07120824)	7.57103 (05091724)	7.10693 (05120324)
3757001.3	9.40640 (07081524)	8.53252 (07120824)	7.95573 (07120824)	7.26534 (05091724)	6.74689 (05091724)
3756971.3	9.27778 (07081524)	8.09922 (07120824)	7.70991 (07120824)	6.88120 (05091724)	6.75148 (05091724)

*** AERMOD – VERSION 09292 *** *** Site 15 – PM2.5 ***
06/29/10
14:44:27
PAGE 35

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): AREAL , AREA2 , ***
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	373020.44	373050.44	X-COORD (METERS) 373080.44	373110.44	373140.44
3758441.3	10.09971 (05052624)	9.74892 (05052624)	8.81567 (05052624)	9.94111 (07071524)	10.89056 (07071524)
3758411.3	10.66610 (05052624)	10.01487 (05052624)	9.72831 (07071524)	11.13741 (07071524)	11.61148 (07071524)
3758381.3	11.16999 (05052624)	10.21080 (05052624)	11.19184 (07071524)	12.16107 (07071524)	12.05461 (07071524)
3758351.3	11.59910 (05052624)	11.01916 (07071524)	12.54511 (07071524)	12.92126 (07071524)	12.17676 (07071524)
3758321.3	11.94042 (05052624)	12.71185 (07071524)	13.67517 (07071524)	13.34559 (07071524)	11.96947 (07071524)
3758291.3	12.61436 (07071524)	14.25565 (07071524)	14.47775 (07071524)	13.39625 (07071524)	11.46594 (07071524)
3758261.3	14.59479 (07071524)	15.51414 (07071524)	14.87757 (07071524)	13.08634 (07071524)	10.74213 (07071524)
3758231.3	16.37999 (07071524)	16.26097 (07071524)	14.85379 (07071524)	12.48486 (07071524)	11.07916 (07031824)
3758201.3	17.80784 (07071524)	16.75197 (07071524)	14.46031 (07071524)	12.13069 (07031824)	12.60345 (07092824)
3758171.3	18.74848 (07071524)	16.68292 (07071524)	13.82162 (07071524)	13.84213 (07092824)	13.93922 (07092824)
3758141.3	19.16514 (07071524)	16.28545 (07071524)	15.32359 (07092824)	15.42662 (07092824)	15.05322 (07092824)
3758111.3	19.15954 (07071524)	17.20282 (07031824)	17.22853 (07092824)	16.75827 (07092824)	17.29612 (06101024)
3758081.3	19.56930 (07031824)	19.45161 (07092824)	18.83955 (07092824)	20.37627 (06101024)	22.30175 (06101024)
3758051.3	22.25703 (07092824)	21.43002 (07092824)	24.19420 (06101024)	25.87851 (06101024)	26.58562 (06101024)
3758021.3	26.30342 (06101024)	28.89459 (06101024)	30.01125 (06101024)	30.01274 (06101024)	29.24710 (06101024)
3757991.3	34.60613 (06101024)	34.66517 (06101024)	33.64891 (06101024)	32.06398 (06101024)	30.17983 (06101024)
3757961.3	39.77863 (06101024)	37.47895 (06101024)	35.01737 (06101024)	32.52064 (06101024)	29.96429 (06101024)
3757931.3	41.68153 (06101024)	38.31999 (06101024)	38.18053 (06101024)	32.09748 (06101024)	28.96245 (06101024)
3757901.3	42.38208 (06101024)	38.44921 (06101024)	34.70135 (06101024)	30.96245 (06101024)	27.19044 (06101024)
3757871.3	42.74121 (06101024)	38.05447 (06101024)	33.49035 (06101024)	28.97276 (06101024)	24.57757 (06101024)
3757841.3	42.27985 (06101024)	36.59985 (06101024)	31.10128 (06101024)	25.86006 (06101024)	23.59633 (05081824)
3757811.3	40.03136 (06101024)	33.32070 (06101024)	28.21486 (05090224)	25.76860 (05081824)	23.86483 (05081824)
3757781.3	35.63107 (05102324)	31.53878 (05102324)	28.02577 (05102324)	25.44243 (05081824)	23.89529 (05081824)
3757751.3	34.80761 (05081824)	30.77265 (05081824)	27.34078 (05081824)	24.37476 (05081824)	22.09329 (05102324)
3757721.3	34.52978 (05081824)	29.99982 (05081824)	26.47307 (05060724)	23.83670 (05060724)	21.51358 (05060724)
3757691.3	32.39177 (06060724)	29.19242 (06060724)	26.51603 (06060724)	24.18988 (06060724)	22.11188 (06060724)
3757661.3	33.47822 (06051424)	28.58572 (06051424)	25.66453 (06060724)	23.59577 (06060724)	21.78478 (06060724)
3757631.3	33.99983 (06051424)	29.43574 (06051424)	25.38523 (06051424)	22.24791 (06060724)	20.65446 (06060724)
3757601.3	31.91758 (06051424)	28.09622 (06051424)	24.64608 (06051424)	21.50934 (06051424)	18.71697 (06051424)
3757571.3	27.89841 (06051424)	25.20621 (06051424)	22.69687 (06051424)	20.29978 (06051424)	18.01301 (06051424)
3757541.3	22.94810 (06051424)	21.46438 (06051424)	19.55422 (06051424)	18.39063 (06051424)	16.77596 (06051424)
3757511.3	18.02554 (06051424)	17.30974 (06051424)	16.56764 (06051424)	15.73969 (06051424)	14.79793 (06051424)
3757481.3	16.80526 (05012924)	15.04793 (05012924)	13.94303 (05070424)	13.34448 (06051424)	12.72447 (06051424)
3757451.3	15.70229 (05012924)	14.36049 (05012924)	12.98214 (05012924)	12.08498 (05070424)	11.73760 (05070424)
3757421.3	14.39328 (05012924)	13.55002 (05012924)	12.49922 (05012924)	11.37834 (05012924)	10.86356 (06051424)
3757391.3	12.94357 (05040924)	12.50806 (05012924)	11.87998 (05012924)	11.03991 (05012924)	10.24314 (06051424)
3757361.3	11.59376 (05040924)	11.14789 (05012924)	11.02008 (05012924)	10.54495 (05012924)	9.86517 (05012924)
3757331.3	10.47282 (05061324)	10.06045 (05040924)	9.87760 (05012924)	9.81341 (05012924)	9.45232 (05012924)
3757301.3	10.41478 (05061324)	9.05108 (05040924)	8.84605 (05040924)	8.83594 (05012924)	8.81517 (05012924)
3757271.3	10.15963 (05061324)	8.90528 (05061324)	8.03850 (05040924)	7.86236 (05040924)	7.96588 (05012924)

*** AERMOD – VERSION 09292 *** *** Site 15 – PM2.5 ***
06/29/10
14:44:27
PAGE 36

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): AREAL , AREA2 , ***
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	373020.44	373050.44	X-COORD (METERS) 373080.44	373110.44	373140.44
3757241.3	9.74921 (05061324)	8.80269 (05061324)	7.67238 (05061324)	7.20555 (05040924)	7.05062 (05040924)
3757211.3	9.41328 (05120324)	8.56687 (05061324)	7.66795 (05061324)	6.70595 (05031424)	6.50909 (05040924)
3757181.3	9.26192 (05120324)	8.22359 (05061324)	7.61362 (07021324)	6.73681 (07021324)	6.14008 (06071324)

Site #15 - Localized PM2.5 Concentrations

Table with 6 columns of PM2.5 concentration data for various source IDs (e.g., 8.97401, 8.00769, 7.40260, 6.80903, 5.93548).

**MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Main data table for Site #15, columns: Y-COORD (METERS), X-COORD (METERS), and 6 columns of concentration data.

**MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Main data table for Site #15, columns: Y-COORD (METERS), X-COORD (METERS), and 6 columns of concentration data.

**MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Main data table for Site #15, columns: Y-COORD (METERS), X-COORD (METERS), and 6 columns of concentration data.

Site #15 – Localized PM2.5 Concentrations

3758261.3	10.09690 (06101024)	11.32065 (06101024)	12.33104 (06101024)	13.11803 (06101024)	13.67211 (06101024)
3758231.3	12.64843 (06101024)	13.69751 (06101024)	14.47890 (06101024)	14.98265 (06101024)	15.19938 (06101024)
3758201.3	15.26878 (06101024)	16.01126 (06101024)	16.41903 (06101024)	16.49153 (06101024)	16.24426 (06101024)
3758171.3	17.71596 (06101024)	17.96770 (06101024)	17.96770 (06101024)	17.36218 (06101024)	16.60024 (06101024)
3758141.3	19.60233 (06101024)	19.20739 (06101024)	18.46063 (06101024)	17.44070 (06101024)	16.23293 (06101024)
3758111.3	20.57136 (06101024)	19.51967 (06101024)	18.22657 (06101024)	16.78212 (06101024)	15.27202 (06101024)
3758081.3	20.53298 (06101024)	18.96005 (06101024)	17.27825 (06101024)	15.57039 (06101024)	13.90292 (06101024)
3758051.3	19.65584 (06101024)	17.73379 (06101024)	15.82311 (06101024)	13.99025 (06101024)	12.58204 (06052024)
3758021.3	18.16051 (06101024)	16.03635 (06101024)	14.18075 (06052024)	13.22431 (06052024)	12.28087 (06052024)
3757991.3	16.21357 (06101024)	14.95022 (06052024)	13.80723 (06052024)	12.70220 (06052024)	12.13202 (05081824)
3757961.3	15.65580 (06052024)	14.31312 (06052024)	13.67935 (05081824)	13.26503 (05081824)	12.83134 (05081824)
3757931.3	15.42091 (05081824)	14.82759 (05081824)	14.23480 (05081824)	13.64043 (05081824)	13.04386 (05081824)
3757901.3	15.90942 (05081824)	15.14217 (05081824)	14.38733 (05081824)	13.64306 (05081824)	12.91031 (05081824)
3757871.3	16.05406 (05081824)	15.11564 (05081824)	14.20361 (05081824)	13.31921 (05081824)	12.46575 (05081824)
3757841.3	15.73550 (05081824)	14.63335 (05081824)	13.58148 (05081824)	12.58216 (05081824)	11.63772 (05081824)
3757811.3	14.79810 (05081824)	13.57182 (05081824)	12.42634 (05081824)	11.36144 (05081824)	10.48766 (05102324)
3757781.3	14.12027 (05102324)	13.15229 (05102324)	12.24165 (05102324)	11.38375 (05102324)	10.57642 (05102324)
3757751.3	13.87364 (05102324)	12.82779 (05102324)	11.85215 (05102324)	10.94789 (05102324)	10.11480 (05102324)
3757721.3	12.64865 (05102324)	11.85870 (07051524)	11.17227 (07051524)	10.54336 (07051524)	9.96567 (07051524)
3757691.3	13.22253 (06060724)	12.24422 (06060724)	11.37656 (06060724)	10.68756 (07051524)	10.16388 (07051524)
3757661.3	13.69856 (06060724)	12.70529 (06060724)	11.80744 (06060724)	10.99965 (06060724)	10.27444 (06060724)
3757631.3	13.71720 (06060724)	12.80216 (06060724)	11.94889 (06060724)	11.15967 (06060724)	10.43520 (06060724)
3757601.3	13.16789 (06060724)	12.41943 (06060724)	11.69951 (06060724)	11.01059 (06060724)	10.35622 (06060724)
3757571.3	12.14759 (06060724)	11.59912 (06060724)	11.05896 (06060724)	10.52561 (06060724)	10.00070 (06060724)
3757541.3	10.82658 (06060724)	10.46822 (06060724)	10.10760 (06060724)	9.74134 (06060724)	9.36814 (06060724)
3757511.3	9.31173 (06060724)	9.12641 (06060724)	8.92929 (06060724)	8.71902 (06060724)	8.49401 (06060724)
3757481.3	8.37417 (06030824)	8.03953 (07110724)	7.88124 (07110724)	7.71546 (07110724)	7.54249 (07110724)
3757451.3	8.10706 (06030824)	7.62821 (06030824)	7.12987 (06030824)	7.01373 (07110724)	6.93235 (07110724)
3757421.3	7.70538 (05070224)	7.37022 (05070224)	6.99227 (05070224)	6.57819 (05070224)	6.14105 (07110724)
3757391.3	7.80107 (05070424)	7.23535 (05070224)	6.99363 (05070224)	6.69869 (05070224)	6.35933 (05070224)
3757361.3	7.62178 (05070424)	7.20492 (05070424)	6.74257 (05070224)	6.59929 (05070224)	6.39185 (05070224)
3757331.3	7.49541 (06051424)	7.00005 (05070424)	6.66318 (05070424)	6.25245 (05070424)	6.17195 (05070424)
3757301.3	7.48472 (06051424)	7.13401 (06051424)	6.70458 (06051424)	6.22254 (06051424)	5.83477 (05070424)
3757271.3	7.17708 (06051424)	7.04921 (06051424)	6.78862 (06051424)	6.43548 (06051424)	6.01711 (06051424)

*** AERMOD - VERSION 09292 *** Site 15 - PM2.5 *** 06/29/10
 *** 14:44:27 ***
 *** PAGE 40

***MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	373320.44	373350.44	X-COORD (METERS)	373380.44	373410.44	373440.44
3757241.3	6.66677 (05082324)	6.65672 (06051424)	6.62178 (06051424)	6.44828 (06051424)	6.17220 (06051424)	6.17220 (06051424)
3757211.3	6.28088 (05082324)	6.30095 (05082324)	6.15695 (06051424)	6.20169 (06051424)	6.10901 (06051424)	6.10901 (06051424)
3757181.3	5.83890 (05012924)	5.87526 (05082324)	5.95284 (05082324)	5.80579 (05082324)	5.79138 (06051424)	5.79138 (06051424)
3757151.3	5.59951 (05012924)	5.43646 (05012924)	5.49676 (05082324)	5.62189 (05082324)	5.57420 (05082324)	5.57420 (05082324)
3757121.3	5.24138 (05012924)	5.21054 (05012924)	5.07714 (05012924)	5.14448 (05082324)	5.30793 (05082324)	5.30793 (05082324)
3757091.3	4.98151 (07092724)	4.87923 (05012924)	4.86343 (05012924)	4.75513 (05012924)	4.81722 (05082324)	4.81722 (05082324)
3757061.3	4.91124 (07092724)	4.74868 (07092724)	4.55701 (05012924)	4.55323 (05012924)	4.46428 (05012924)	4.46428 (05012924)
3757031.3	4.65151 (07092724)	4.70807 (07092724)	4.52998 (07092724)	4.26868 (05012924)	4.27372 (05012924)	4.27372 (05012924)
3757001.3	4.44984 (06071724)	4.48784 (07092724)	4.51800 (07092724)	4.32386 (07092724)	4.00979 (05012924)	4.00979 (05012924)
3756971.3	4.55706 (07090824)	4.18701 (06071724)	4.33391 (07092724)	4.33837 (07092724)	4.12861 (07092724)	4.12861 (07092724)

*** AERMOD - VERSION 09292 *** Site 15 - PM2.5 *** 06/29/10
 *** 14:44:27 ***
 *** PAGE 41

***MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
372922.94	3757605.69	52.19093 (06051424)	372861.54	3757481.08	35.40107 (05120324)
372438.96	3757746.55	28.41106m (05012424)	372431.74	3757838.64	19.50739 (07020624)
372435.35	3757928.94	16.09736 (05021824)			

*** AERMOD - VERSION 09292 *** Site 15 - PM2.5 *** 06/29/10
 *** 14:44:27 ***
 *** PAGE 42

***MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 3 YEARS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	201.75179 AT (372750.44, 3757721.30, 10.00, 10.00, 0.00)	GC	UCART1
	2ND HIGHEST VALUE IS	201.62267 AT (372750.44, 3757751.30, 10.00, 10.00, 0.00)	GC	UCART1
	3RD HIGHEST VALUE IS	200.93268 AT (372750.44, 3757691.30, 10.00, 10.00, 0.00)	GC	UCART1
	4TH HIGHEST VALUE IS	200.33969 AT (372750.44, 3757781.30, 10.00, 10.00, 0.00)	GC	UCART1
	5TH HIGHEST VALUE IS	200.13220 AT (372780.44, 3757751.30, 10.00, 10.00, 0.00)	GC	UCART1
	6TH HIGHEST VALUE IS	199.85003 AT (372780.44, 3757721.30, 10.00, 10.00, 0.00)	GC	UCART1
	7TH HIGHEST VALUE IS	199.55747 AT (372780.44, 3757781.30, 10.00, 10.00, 0.00)	GC	UCART1
	8TH HIGHEST VALUE IS	199.05273 AT (372750.44, 3757661.30, 10.00, 10.00, 0.00)	GC	UCART1
	9TH HIGHEST VALUE IS	198.61870 AT (372780.44, 3757691.30, 10.00, 10.00, 0.00)	GC	UCART1
	10TH HIGHEST VALUE IS	197.49524 AT (372780.44, 3757811.30, 10.00, 10.00, 0.00)	GC	UCART1

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

*** AERMOD - VERSION 09292 *** Site 15 - PM2.5 *** 06/29/10
 *** 14:44:27 ***
 *** PAGE 43

***MODELOPTs: NonDEFAULT CONC FLAT

Site #15 – Localized PM2.5 Concentrations

NODRYDPLT NOWETDPLT

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

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL HIGH 1ST HIGH VALUE IS	298.08557	ON 05010124: AT (	372720.44, 3757631.30, 10.00, 10.00, 0.00)	GC	UCART1

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

*** AERMOD - VERSION 09292 *** ** Site 15 - PM2.5 ***

*** 06/29/10
*** 14:44:27
*** PAGE 44

**MODELOPTs: NonDEFAULT CONC

FLAT
NODRYDPLT NOWETDPLT

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

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

A Total of 0 Fatal Error Message(s)
A Total of 0 Warning Message(s)
A Total of 152 Informational Message(s)
A Total of 26280 Hours Were Processed
A Total of 15 Calm Hours Identified
A Total of 137 Missing Hours Identified (0.52 Percent)

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

***** WARNING MESSAGES *****
*** NONE ***

*** AERMOD Finishes Successfully ***

Site #17 – Localized CO Concentrations

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** AERMOD Input Produced by:
** AERMOD View Ver. 6.7.1
** Lakes Environmental Software Inc.
** Date: 10/26/2010
** File: C:\Documents and Settings\jbailey\Desktop\Site 17\CO.ADI
**
*****
**
**
** AERMOD Control Pathway
*****
**
**
CO STARTING
TITLEONE Site 15 - CO
MODELOPT CONC NODRYDPLT NOWETDPLT FLAT
AVERTIME 1 8
URBANOPT 9862049
POLLUTID CO
RUNORNOT RUN
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION VOL1 VOLUME 373572.330 3750796.917 0.0
** DESCRSRC Equipment
** Source Parameters **
SRCPARAM VOL1 0.5481 4.100 46.783 1.163
URBANSRC VOL1
CONCUNIT 873.2 GRAMS/SEC PPM
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
GRIDCART UCART2 STA
XYINC 372437.24 21 121.72 3749713.16 21 111.63
GRIDCART UCART2 END
** DESCRREC ** **
DISCCART 372647.17 3750290.48
DISCCART 373224.49 3750294.52
DISCCART 373809.89 3750290.48
DISCCART 374411.43 3750290.48
DISCCART 373842.19 3751158.48
DISCCART 373822.00 3751416.86
DISCCART 374060.20 3751340.15
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
SURFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC"
PROFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL"
SURFDATA 0 2005
UAIRDATA 3190 2005
PROFBASE 10 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 1 1ST
RECTABLE 8 1ST
** Auto-Generated Plotfiles
PLOTFILE 1 ALL 1ST CO.AD\01H1GALL.PLT
PLOTFILE 8 ALL 1ST CO.AD\08H1GALL.PLT
OU FINISHED

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

*** AERMOD - VERSION 09292 ***      *** Site 15 - CO      ***      10/26/10
***                                     ***                ***      16:48:41
***                                     ***                ***      PAGE 1

**MODELOPTs:  NonDEFAULT CONC      FLAT
                                         NODRYDPLT NOWETDPLT

***      MODEL SETUP OPTIONS SUMMARY      ***
-----
**Model Is Setup For Calculation of Average CONCentration Values.
-- DEPOSITION LOGIC --
**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION.  DRYDPLT = F
**Model Uses NO WET DEPLETION.  WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for      1 Source(s),
for Total of      1 Urban Area(s):
Urban Population = 9862049.0 ; Urban Roughness Length = 1.000 m

```

Site #17 – Localized CO Concentrations

```

**Model Allows User-Specified Options:
  1. Stack-tip Downwash.
  2. Model Assumes Receptors on FLAT Terrain.
  3. Use Calms Processing Routine.
  4. Use Missing Data Processing Routine.
  5. No Exponential Decay.
  6. Urban Roughness Length of 1.0 Meter Used.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates 2 Short Term Average(s) of:  1-HR  8-HR

**This Run Includes:  1 Source(s);  1 Source Group(s); and  448 Receptor(s)

**The Model Assumes A Pollutant Type of:  CO

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

**Output Options Selected:
  Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
  Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

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

**Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =  10.00 ;  Decay Coef. =  0.000  ;  Rot. Angle =  0.0
  Emission Units = GRAMS/SEC  ;  Emission Rate Unit Factor =  873.20
  Output Units = PPM

**Approximate Storage Requirements of Model =  3.6 MB of RAM.

*** AERMOD - VERSION 09292 ***      *** Site 15 - CO ***
***                                     ***                                     ***
***                                     ***                                     ***
**MODELOPTs:  NonDEFAULT CONC          FLAT
                                                    NODRYDPLT  NOWETDPLT

*** VOLUME SOURCE DATA ***

SOURCE  NUMBER EMISSION RATE  X  Y  BASE  RELEASE  INIT.  INIT.  URBAN  EMISSION RATE
ID      PART. (USER UNITS)  (METERS) (METERS) ELEV. HEIGHT  SY  SZ  SOURCE  SCALAR VARY
-----
VOL1    0  0.54810E+00  373572.3 3750796.9  10.0  4.10  46.78  1.16  YES
*** AERMOD - VERSION 09292 ***      *** Site 15 - CO ***
***                                     ***                                     ***
**MODELOPTs:  NonDEFAULT CONC          FLAT
                                                    NODRYDPLT  NOWETDPLT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID          SOURCE IDs

ALL      VOL1
*** AERMOD - VERSION 09292 ***      *** Site 15 - CO ***
***                                     ***                                     ***
**MODELOPTs:  NonDEFAULT CONC          FLAT
                                                    NODRYDPLT  NOWETDPLT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)
372437.2, 372559.0, 372680.7, 372802.4, 372924.1, 373045.8, 373167.6, 373289.3, 373411.0, 373532.7,
373654.4, 373776.2, 373897.9, 374019.6, 374141.3, 374263.0, 374384.8, 374506.5, 374628.2, 374749.9,
374871.6,

*** Y-COORDINATES OF GRID ***
(METERS)
3749713.2, 3749824.8, 3749936.4, 3750048.1, 3750159.7, 3750271.3, 3750382.9, 3750494.6, 3750606.2, 3750717.8,
3750829.5, 3750941.1, 3751052.7, 3751164.4, 3751276.0, 3751387.6, 3751499.2, 3751610.9, 3751722.5, 3751834.1,
3751945.8,
*** AERMOD - VERSION 09292 ***      *** Site 15 - CO ***
***                                     ***                                     ***
**MODELOPTs:  NonDEFAULT CONC          FLAT
                                                    NODRYDPLT  NOWETDPLT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)
( 372647.2, 3750290.5, 10.0, 10.0, 0.0); ( 373224.5, 3750294.5, 10.0, 10.0, 0.0);
( 373809.9, 3750290.5, 10.0, 10.0, 0.0); ( 374411.4, 3750290.5, 10.0, 10.0, 0.0);
( 373842.2, 3751158.5, 10.0, 10.0, 0.0); ( 373822.0, 3751416.9, 10.0, 10.0, 0.0);
( 374060.2, 3751340.1, 10.0, 10.0, 0.0);
*** AERMOD - VERSION 09292 ***      *** Site 15 - CO ***
***                                     ***                                     ***
**MODELOPTs:  NonDEFAULT CONC          FLAT
                                                    NODRYDPLT  NOWETDPLT

```

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
VOL1	373532.7 375071.8	-12.13
VOL1	373532.7 3750829.5	-49.32

Site #17 – Localized CO Concentrations

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3749824.8 | 0.05111 (07070106) 0.04761 (07070106) 0.03639 (06090207) 0.02474 (06090207) 0.02268 (06090107)
3749713.2 | 0.04425 (07070106) 0.03402 (06090207) 0.02660 (06090207) 0.01625 (07091007) 0.02834 (06090107)
*** AERMOD - VERSION 09292 *** *** Site 15 - CO ***
***                                     ***                                     ***
***                                     ***                                     ***

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**MODELOPTs: NonDEFAULT CONC                                     FLAT
                                                           NODRYDPLT NOWETDPLT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

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*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

```

Y-COORD (METERS)	** CONC OF CO		IN PPM	**	
	X-COORD (METERS)				
	373045.84	373167.56	373289.28	373411.00	373532.72
3751945.8	0.04336 (06090607)	0.04463 (06090607)	0.01619 (06090607)	0.01872 (07072704)	0.02170 (06060307)
3751834.1	0.03627 (06042607)	0.05267 (06090607)	0.02628 (06090607)	0.02081 (05052102)	0.02296 (06060307)
3751722.5	0.04115 (06042607)	0.05398 (06090607)	0.04005 (06090607)	0.02360 (05052102)	0.02437 (06060307)
3751610.9	0.03423 (06042607)	0.04550 (06090607)	0.05532 (06090607)	0.02604 (05052102)	0.02830 (05082924)
3751499.2	0.05718 (06090407)	0.04743 (06042607)	0.06575 (06090607)	0.02762 (06090607)	0.03415 (05082924)
3751387.6	0.05884 (06090407)	0.05391 (06090407)	0.06222 (06090607)	0.04828 (06090607)	0.04199 (05082924)
3751276.0	0.04814 (05011049)	0.07125 (06090407)	0.05627 (06042607)	0.07313 (06090607)	0.05300 (07090806)
3751164.4	0.06894 (07090907)	0.05557 (05011049)	0.08140 (06090407)	0.08623 (06090607)	0.07101 (07072704)
3751052.7	0.04817 (07090907)	0.08111 (07090907)	0.07103 (06071402)	0.09013 (05082505)	0.10095 (07072704)
3750941.1	0.04601 (06100301)	0.05525 (06090102)	0.08405 (07090907)	0.12539 (06071402)	0.16960 (06070502)
3750829.5	0.04614 (05092201)	0.06150 (07081605)	0.09009 (05042101)	0.15528 (07091603)	0.00000 (00000000)
3750717.8	0.04821 (07102602)	0.06916 (07082903)	0.09279 (07082903)	0.14250 (06111722)	0.00000 (00000000)
3750606.2	0.04451 (07031304)	0.05719 (07012320)	0.09747 (07070106)	0.10930 (07070106)	0.13925 (07081701)
3750494.6	0.04054 (05043001)	0.08795 (07070106)	0.09141 (07070106)	0.08221 (06041124)	0.08924 (07081701)
3750382.9	0.07914 (07070106)	0.07882 (07070106)	0.05403 (07070203)	0.06203 (06090606)	0.06220 (05083003)
3750271.3	0.06942 (07070106)	0.03855 (06090207)	0.04609 (06041124)	0.04558 (05042905)	0.04867 (05083003)
3750159.7	0.04042 (06090207)	0.03598 (07070203)	0.03958 (07032008)	0.03614 (06041123)	0.04128 (06082207)
3750048.1	0.02426 (07070203)	0.03435 (06090107)	0.03174 (06090606)	0.03224 (07081701)	0.03808 (06082207)
3749936.4	0.03147 (06090107)	0.03374 (05102108)	0.02783 (06061607)	0.02931 (07081701)	0.03546 (06082207)
3749824.8	0.02964 (06090107)	0.03080 (07032008)	0.02404 (06061607)	0.02545 (07081701)	0.03309 (06082207)
3749713.2	0.02911 (05102108)	0.02347 (07032008)	0.01952 (06061607)	0.02141 (07081701)	0.03094 (06082207)

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*** AERMOD - VERSION 09292 *** *** Site 15 - CO ***
***                                     ***                                     ***
***                                     ***                                     ***

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**MODELOPTs: NonDEFAULT CONC                                     FLAT
                                                           NODRYDPLT NOWETDPLT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

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```

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

```

Y-COORD (METERS)	** CONC OF CO		IN PPM	**	
	X-COORD (METERS)				
	373654.44	373776.16	373897.88	374019.60	374141.32
3751945.8	0.01925 (07042507)	0.01715 (05090508)	0.01557 (07122005)	0.01713 (05082807)	0.04278 (05082807)
3751834.1	0.02101 (07091802)	0.01844 (05090508)	0.01831 (07062524)	0.03078 (05082807)	0.05113 (05082807)
3751722.5	0.02425 (07091802)	0.02011 (06082107)	0.02322 (07062524)	0.04748 (05082807)	0.04836 (05082807)
3751610.9	0.02810 (07091802)	0.02422 (07122005)	0.03064 (05082807)	0.05887 (05082807)	0.03348 (05082807)
3751499.2	0.03273 (07040123)	0.02848 (07122005)	0.05321 (05082807)	0.05364 (05082807)	0.02008 (06090306)
3751387.6	0.04065 (07040123)	0.03963 (07062524)	0.06970 (05082807)	0.03171 (05082807)	0.02810 (06090306)
3751276.0	0.05005 (07040123)	0.06002 (05082807)	0.05939 (05082807)	0.03704 (06090306)	0.05980 (05082707)
3751164.4	0.06064 (07040123)	0.08595 (05082807)	0.05054 (06090306)	0.07893 (05082707)	0.09067 (05082707)
3751052.7	0.09635 (07062524)	0.07439 (07070124)	0.10513 (05082707)	0.09266 (05082707)	0.04405 (06081407)
3750941.1	0.15161 (05082807)	0.13755 (05082707)	0.07840 (05082707)	0.04992 (07112919)	0.04012 (05071903)
3750829.5	0.00000 (00000000)	0.12568 (05091722)	0.07990 (06061524)	0.05817 (06061524)	0.04450 (06061524)
3750717.8	0.23004 (05062305)	0.11908 (07081802)	0.07275 (07031508)	0.06158 (07031508)	0.04861 (07031508)
3750606.2	0.13385 (06053105)	0.09849 (05062305)	0.07256 (05041521)	0.05187 (07082904)	0.04220 (07081802)
3750494.6	0.08155 (05091702)	0.12103 (07090807)	0.06333 (06081607)	0.05779 (07091107)	0.04117 (07091107)
3750382.9	0.05964 (07103023)	0.07635 (07090807)	0.09174 (07090807)	0.05425 (06081607)	0.04627 (07091107)
3750271.3	0.04306 (07103023)	0.04651 (05102308)	0.09219 (07090807)	0.06172 (07090807)	0.04813 (06081607)
3750159.7	0.03168 (05042102)	0.03610 (07051822)	0.05562 (07090807)	0.08421 (07090807)	0.04018 (07090807)
3750048.1	0.02795 (05042102)	0.03004 (05091702)	0.04394 (05102308)	0.07109 (07090807)	0.06709 (07090807)
3749936.4	0.02477 (05042102)	0.02505 (07103023)	0.02938 (05102308)	0.04305 (07090807)	0.07229 (07090807)
3749824.8	0.02203 (05042102)	0.02226 (07103023)	0.02213 (07051822)	0.04013 (05102308)	0.05634 (07090807)
3749713.2	0.01968 (05042102)	0.01892 (07103023)	0.01793 (05091702)	0.03074 (05102308)	0.03611 (05102308)

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*** AERMOD - VERSION 09292 *** *** Site 15 - CO ***
***                                     ***                                     ***
***                                     ***                                     ***

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**MODELOPTs: NonDEFAULT CONC                                     FLAT
                                                           NODRYDPLT NOWETDPLT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

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```

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

```

Y-COORD (METERS)	** CONC OF CO		IN PPM	**	
	X-COORD (METERS)				
	374263.04	374384.76	374506.48	374628.20	374749.92
3751945.8	0.04386 (05082807)	0.02097 (05082807)	0.01007 (07092823)	0.01259 (06090306)	0.01198 (06102522)
3751834.1	0.03346 (05082807)	0.01148 (07071224)	0.01430 (06090306)	0.01371 (06102522)	0.02279 (07043007)
3751722.5	0.01885 (05082807)	0.01619 (06090306)	0.01588 (06102522)	0.02549 (07043007)	0.04146 (05082707)
3751610.9	0.01818 (06090306)	0.01867 (06102522)	0.02903 (05082707)	0.04942 (05082707)	0.05872 (05082707)
3751499.2	0.02241 (05062902)	0.03628 (05082707)	0.05890 (05082707)	0.06379 (05082707)	0.05091 (05082707)
3751387.6	0.04614 (05082707)	0.06976 (05082707)	0.06674 (05082707)	0.04588 (05082707)	0.02558 (06081407)
3751276.0	0.08118 (05082707)	0.06556 (05082707)	0.03721 (05082707)	0.03160 (06081407)	0.02807 (06081407)
3751164.4	0.05788 (05082707)	0.03673 (06081407)	0.03118 (06081407)	0.02367 (06073107)	0.01918 (06073107)
3751052.7	0.03477 (06081407)	0.02511 (06073107)	0.01952 (05071903)	0.01917 (05071903)	0.01758 (05071903)
3750941.1	0.03388 (05071903)	0.02886 (05091722)	0.02391 (05091722)	0.02051 (06090106)	0.01768 (07072605)
3750829.5	0.03516 (06061524)	0.02847 (06061524)	0.02351 (06061524)	0.01972 (06061524)	0.01682 (06101221)
3750717.8	0.03677 (07031508)	0.02727 (07031508)	0.02320 (05070723)	0.02075 (06112321)	0.01892 (07092707)
3750606.2	0.04440 (07031508)	0.04635 (07031508)	0.04392 (07031508)	0.03907 (07031508)	0.03335 (07031508)
3750494.6	0.03160 (07082904)	0.02670 (07081802)	0.02448 (07031508)	0.03063 (07031508)	0.03427 (07031508)
3750382.9	0.04551 (07091107)	0.02620 (07091107)	0.02191 (07082904)	0.01889 (07081201)	0.01740 (07081802)
3750271.3	0.03563 (07091107)	0.04371 (07091107)	0.03272 (07091107)	0.01793 (07082904)	0.01636 (07082904)
3750159.7	0.04325 (06081607)	0.02705 (07091107)	0.03881 (07091107)	0.03545 (07091107)	0.02315 (07091107)
3750048.1	0.03533 (06081607)	0.03930 (06081607)	0.02253 (06081607)	0.03299 (07091107)	0.03510 (07091107)
3749936.4	0.05003 (07090807)	0.03409 (06081607)	0.03604 (06081607)	0.02167 (06081607)	0.02737 (07091107)

Site #17 – Localized CO Concentrations

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3749824.8 | 0.06444 (07090807) 0.03621 (07090807) 0.03270 (06081607) 0.03330 (06081607) 0.02082 (06081607)
3749713.2 | 0.06110 (07090807) 0.05321 (07090807) 0.02592 (07090807) 0.03128 (06081607) 0.03097 (06081607)
*** AERMOD - VERSION 09292 *** *** Site 15 - CO ***
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**MODELOPTs: NonDEFAULT CONC
FLAT
NODRYDPLT NOWETDPLT

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```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

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*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

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** CONC OF CO IN PPM **

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Y-COORD | X-COORD (METERS)
(METERS) | 374871.64
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3751945.8 | 0.02052 (07043007)
3751834.1 | 0.03488 (05082707)
3751722.5 | 0.05285 (05082707)
3751610.9 | 0.05268 (05082707)
3751499.2 | 0.03235 (05082707)
3751387.6 | 0.02782 (06081407)
3751276.0 | 0.02128 (06081407)
3751164.4 | 0.01451 (07031509)
3751052.7 | 0.01558 (05091722)
3750941.1 | 0.01587 (07072605)
3750829.5 | 0.01489 (06101221)
3750717.8 | 0.01825 (07092707)
3750606.2 | 0.02771 (07031508)
3750494.6 | 0.03539 (07031508)
3750382.9 | 0.01783 (07031508)
3750271.3 | 0.01450 (07081201)
3750159.7 | 0.01396 (07082904)
3750048.1 | 0.02720 (07091107)
3749936.4 | 0.03279 (07091107)
3749824.8 | 0.02241 (07091107)
3749713.2 | 0.02001 (06081607)

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*** AERMOD - VERSION 09292 *** *** Site 15 - CO ***
***
10/26/10
16:48:41
PAGE 14

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```

**MODELOPTs: NonDEFAULT CONC
FLAT
NODRYDPLT NOWETDPLT

```

```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

```

```

** CONC OF CO IN PPM **

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X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
-----
372647.17 3750290.48 0.02222 (06110508) 373224.49 3750294.52 0.04223 (07070203)
373809.89 3750290.48 0.05699 (05102308) 374411.43 3750290.48 0.04097 (07091107)
373842.19 3751158.48 0.05709 (05082807) 373822.00 3751416.86 0.04238 (05082807)
374060.20 3751340.15 0.03221 (06090306)

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*** AERMOD - VERSION 09292 *** *** Site 15 - CO ***
***
10/26/10
16:48:41
PAGE 15

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**MODELOPTs: NonDEFAULT CONC
FLAT
NODRYDPLT NOWETDPLT

```

```

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

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```

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

```

```

** CONC OF CO IN PPM **

```

```

Y-COORD | X-COORD (METERS)
(METERS) | 372437.24 372558.96 372680.68 372802.40 372924.12
-----

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3751945.8 | 0.00339 (06053008) 0.00530 (06090408) 0.00600 (06090408) 0.00401 (06090408) 0.00513 (06042608)
3751834.1 | 0.00363 (05010416) 0.00372 (06053008) 0.00613 (06090408) 0.00608 (06090408) 0.00466 (06042608)
3751722.5 | 0.00424 (05010416) 0.00396 (05010416) 0.00455 (06090408) 0.00699 (06090408) 0.00585 (06090408)
3751610.9 | 0.00590 (07090908) 0.00449 (05010416) 0.00434 (05010416) 0.00564 (06090408) 0.00781 (06090408)
3751499.2 | 0.00675 (07090908) 0.00691 (07090908) 0.00515 (07090908) 0.00482 (05010416) 0.00706 (06090408)
3751387.6 | 0.00465 (07090908) 0.00690 (07090908) 0.00808 (07090908) 0.00670 (07090908) 0.00591 (07080508)
3751276.0 | 0.00370 (06090808) 0.00435 (06090808) 0.00664 (07090908) 0.00915 (07090908) 0.00878 (07090908)
3751164.4 | 0.00436 (06060508) 0.00468 (06060508) 0.00541 (06090808) 0.00677 (06090808) 0.00983 (07090908)
3751052.7 | 0.00461 (06041108) 0.00530 (06041108) 0.00630 (06060508) 0.00729 (06060508) 0.00885 (06090808)
3750941.1 | 0.00583 (05122608) 0.00669 (05122608) 0.00774 (05122608) 0.00900 (05122608) 0.01072 (06061708)
3750829.5 | 0.00642 (05122608) 0.00763 (05122608) 0.00924 (05122608) 0.01148 (05122608) 0.01472 (05122608)
3750717.8 | 0.00573 (07011108) 0.00680 (07011108) 0.00827 (07011108) 0.01030 (07011108) 0.01324 (07011108)
3750606.2 | 0.00572 (07011108) 0.00661 (07011108) 0.00792 (05083108) 0.00987 (05083108) 0.01248 (06103008)
3750494.6 | 0.00588 (05083108) 0.00667 (06103008) 0.00800 (06103008) 0.00987 (07031308) 0.01371 (06122008)
3750382.9 | 0.00566 (07031308) 0.00669 (06020208) 0.00875 (06122008) 0.01064 (06122008) 0.01260 (06110508)
3750271.3 | 0.00618 (06122008) 0.00734 (06122008) 0.00887 (06110508) 0.01078 (06053108) 0.01451 (06053108)
3750159.7 | 0.00656 (06110508) 0.00737 (06110508) 0.00963 (06053108) 0.01164 (06053108) 0.01136 (07070108)
3750048.1 | 0.00636 (06053108) 0.00854 (06053108) 0.00956 (06053108) 0.00975 (07070108) 0.00860 (05122908)
3749936.4 | 0.00756 (06053108) 0.00806 (07070108) 0.00856 (07070108) 0.00695 (05122908) 0.00704 (07121308)
3749824.8 | 0.00734 (07070108) 0.00764 (07070108) 0.00633 (07070108) 0.00578 (05122908) 0.00675 (05112808)
3749713.2 | 0.00691 (07070108) 0.00582 (07070108) 0.00500 (05122908) 0.00541 (07121308) 0.00608 (05112808)

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*** AERMOD - VERSION 09292 *** *** Site 15 - CO ***
***
10/26/10
16:48:41
PAGE 16

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**MODELOPTs: NonDEFAULT CONC
FLAT
NODRYDPLT NOWETDPLT

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*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

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*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

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** CONC OF CO IN PPM **

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Y-COORD | X-COORD (METERS)
(METERS) | 373045.84 373167.56 373289.28 373411.00 373532.72
-----

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Site #17 – Localized CO Concentrations

3751945.8	0.00618 (06090608)	0.00639 (06090608)	0.00351 (06090508)	0.00384 (07020524)	0.00431 (07050908)
3751834.1	0.00525 (06042608)	0.00752 (06090608)	0.00451 (06090508)	0.00438 (07020524)	0.00496 (07050908)
3751722.5	0.00597 (06042608)	0.00785 (06090608)	0.00619 (06090608)	0.00505 (07020524)	0.00580 (07050908)
3751610.9	0.00532 (06090408)	0.00700 (06090608)	0.00835 (06090608)	0.00588 (07020524)	0.00690 (07050908)
3751499.2	0.00840 (06090408)	0.00723 (06042608)	0.01000 (06090608)	0.00773 (06090508)	0.00840 (07050908)
3751387.6	0.00889 (06090408)	0.00867 (06090408)	0.01004 (06090608)	0.01100 (06090508)	0.01067 (05101424)
3751276.0	0.00820 (07080508)	0.01121 (06090408)	0.00970 (0511008)	0.01558 (06090508)	0.01436 (05101424)
3751164.4	0.01153 (07090908)	0.01236 (07080508)	0.01445 (06090408)	0.02053 (06090508)	0.02081 (05101424)
3751052.7	0.01236 (06090808)	0.01681 (06090808)	0.02121 (07080508)	0.02515 (05030408)	0.03453 (06090508)
3750941.1	0.01402 (06060508)	0.01797 (06060508)	0.03140 (06090808)	0.04667 (07080508)	0.07887 (06090508)
3750829.5	0.01969 (05122608)	0.02796 (05122608)	0.04360 (05122608)	0.08127 (05122608)	0.00000 (00000000)
3750717.8	0.01776 (07011708)	0.02516 (07011708)	0.03975 (07022008)	0.07819 (06122008)	0.00000 (00000000)
3750606.2	0.01693 (07022008)	0.02585 (06122008)	0.03662 (06022308)	0.05351 (05122908)	0.05800 (07123124)
3750494.6	0.01715 (06122008)	0.02485 (06053108)	0.02858 (05122908)	0.03510 (07121308)	0.03311 (07081508)
3750382.9	0.01861 (06053108)	0.01805 (05122908)	0.02179 (05112808)	0.02118 (06021608)	0.02318 (07081508)
3750271.3	0.01362 (07070108)	0.01412 (05122908)	0.01668 (05112808)	0.01554 (06010924)	0.01758 (07081508)
3750159.7	0.01090 (05122908)	0.01264 (05112808)	0.01187 (06021608)	0.01170 (06010924)	0.01400 (07081508)
3750048.1	0.00932 (07121308)	0.01014 (05112808)	0.00926 (06011008)	0.00892 (06010924)	0.01151 (07081508)
3749936.4	0.00841 (05112808)	0.00778 (06021608)	0.00773 (06010924)	0.00704 (06012408)	0.00970 (07081508)
3749824.8	0.00697 (05112808)	0.00657 (06011008)	0.00650 (06010924)	0.00587 (06012408)	0.00833 (07081508)
3749713.2	0.00558 (06021608)	0.00546 (06011008)	0.00545 (06010924)	0.00494 (06012408)	0.00726 (07081508)

*** AERMOD - VERSION 09292 *** *** Site 15 - CO ***

 10/26/10
 16:48:41
 PAGE 17

***MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

Y-COORD (METERS)	** CONC OF CO IN PPM **		X-COORD (METERS)		
	373654.44	373776.16	373897.88	374019.60	374141.32

3751945.8	0.00540 (06082908)	0.00579 (07083108)	0.00452 (07083108)	0.00437 (05110224)	0.00603 (05082808)
3751834.1	0.00606 (06082908)	0.00651 (07083108)	0.00482 (05110224)	0.00508 (05110224)	0.00717 (05082808)
3751722.5	0.00715 (07083108)	0.00732 (07083108)	0.00596 (05110224)	0.00691 (05082808)	0.00694 (05082808)
3751610.9	0.00872 (07083108)	0.00823 (07083108)	0.00735 (05110224)	0.00852 (05082808)	0.00534 (07070124)
3751499.2	0.01087 (07083108)	0.00916 (07083108)	0.00893 (05110224)	0.00809 (05082808)	0.00660 (06051624)
3751387.6	0.01392 (07083108)	0.01161 (05110224)	0.01068 (05082808)	0.00853 (06051624)	0.00783 (05071708)
3751276.0	0.01843 (07083108)	0.01588 (05110224)	0.01187 (05092224)	0.01087 (05071708)	0.01064 (05082708)
3751164.4	0.02544 (07083108)	0.02090 (05110224)	0.01650 (05071708)	0.01450 (05082708)	0.01409 (05082708)
3751052.7	0.03758 (05110224)	0.02868 (05071708)	0.02287 (06101008)	0.01754 (06042824)	0.01379 (05092224)
3750941.1	0.07067 (05110224)	0.04589 (06042824)	0.02962 (05090224)	0.02120 (05090224)	0.01429 (05121424)
3750829.5	0.00000 (00000000)	0.05554 (06060808)	0.03046 (07120224)	0.02004 (07120224)	0.01430 (07120224)
3750717.8	0.10030 (05012908)	0.04684 (07090708)	0.02923 (07090708)	0.01942c(06072908)	0.01427c(06072908)
3750606.2	0.05057 (05120308)	0.03559 (05012908)	0.02109 (05070208)	0.01512 (05070208)	0.01104 (07090708)
3750494.6	0.02868 (05120308)	0.01936 (05120308)	0.01835 (05012908)	0.01236 (06051408)	0.01052 (05070208)
3750382.9	0.01708 (05120308)	0.01700 (05120308)	0.01350 (07090808)	0.01151 (05012908)	0.00848 (06051408)
3750271.3	0.01209 (07081424)	0.01321 (05120308)	0.01308 (07090808)	0.00901 (07090808)	0.00803 (05012908)
3750159.7	0.00976 (07081424)	0.00992 (05120308)	0.00893 (05120308)	0.01159 (07090808)	0.00655 (05012908)
3750048.1	0.00822 (07081508)	0.00748 (05120308)	0.00774 (05120308)	0.00976 (07090808)	0.00916 (07090808)
3749936.4	0.00712 (07081508)	0.00574 (05120308)	0.00646 (05120308)	0.00634 (05102308)	0.00970 (07090808)
3749824.8	0.00625 (07081508)	0.00471 (07022824)	0.00532 (05120308)	0.00592 (05102308)	0.00762 (07090808)
3749713.2	0.00555 (07081508)	0.00399 (07022824)	0.00437 (05120308)	0.00461 (05102308)	0.00524 (05102308)

*** AERMOD - VERSION 09292 *** *** Site 15 - CO ***

 10/26/10
 16:48:41
 PAGE 18

***MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

Y-COORD (METERS)	** CONC OF CO IN PPM **		X-COORD (METERS)		
	374263.04	374384.76	374506.48	374628.20	374749.92

3751945.8	0.00611 (05082808)	0.00325 (07070124)	0.00315 (06051624)	0.00305 (05071708)	0.00286 (05071708)
3751834.1	0.00489 (05082808)	0.00367 (06051624)	0.00354 (05071708)	0.00333 (05071708)	0.00345 (05082708)
3751722.5	0.00431 (06051624)	0.00422 (06051624)	0.00395 (05071708)	0.00416 (05082708)	0.00608 (05082708)
3751610.9	0.00522 (06051624)	0.00479 (05071708)	0.00509 (05082708)	0.00723 (05082708)	0.00812 (05082708)
3751499.2	0.00600 (05071708)	0.00535 (05082708)	0.00864 (05082708)	0.00889 (05082708)	0.00708 (05082708)
3751387.6	0.00810 (05082708)	0.01030 (05082708)	0.00945 (05082708)	0.00659 (05082708)	0.00450 (05082424)
3751276.0	0.01217 (05082708)	0.00958 (05082708)	0.00625 (05082424)	0.00557 (05090224)	0.00534 (05090224)
3751164.4	0.00950 (06090924)	0.00823 (05090224)	0.00758 (05090224)	0.00659 (05090224)	0.00552 (05090224)
3751052.7	0.01177 (05090224)	0.00938 (05090224)	0.00724 (05090224)	0.00586 (05121424)	0.00493 (05121424)
3750941.1	0.01061 (05121424)	0.00805 (05121424)	0.00652 (07120224)	0.00559 (07120224)	0.00483 (07120224)
3750829.5	0.01077 (07120224)	0.00843 (07120224)	0.00680 (07120224)	0.00561 (07120224)	0.00471 (07120224)
3750717.8	0.01087c(06072908)	0.00854c(06072908)	0.00688c(06072908)	0.00567c(06072908)	0.00475c(06072908)
3750606.2	0.00923 (07090708)	0.00766 (07090708)	0.00652 (07031508)	0.00573 (07031508)	0.00488c(06072908)
3750494.6	0.00819 (05070208)	0.00594 (05070208)	0.00516 (07090708)	0.00468 (07090708)	0.00497 (07031508)
3750382.9	0.00729 (05070208)	0.00651 (05070208)	0.00530 (05070208)	0.00410 (05070208)	0.00322 (07090708)
3750271.3	0.00622 (06051408)	0.00661 (07091108)	0.00506 (07091108)	0.00451 (05070208)	0.00378 (05070208)
3750159.7	0.00647 (06081608)	0.00490 (05021408)	0.00574 (07091108)	0.00520 (07091108)	0.00374 (05070208)
3750048.1	0.00534 (06081608)	0.00572 (06081608)	0.00423 (05021408)	0.00483 (07091108)	0.00501 (07091108)
3749936.4	0.00685 (07090808)	0.00498 (06081608)	0.00515 (06081608)	0.00370 (05021408)	0.00400 (07091108)
3749824.8	0.00858 (07090808)	0.00500 (07090808)	0.00467 (06081608)	0.00469 (06081608)	0.00327 (05021408)
3749713.2	0.00810 (07090808)	0.00708 (07090808)	0.00363 (07090808)	0.00439 (06081608)	0.00431 (06081608)

*** AERMOD - VERSION 09292 *** *** Site 15 - CO ***

 10/26/10
 16:48:41
 PAGE 19

***MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

Y-COORD (METERS)	** CONC OF CO IN PPM **		X-COORD (METERS)		
	374871.64				

Site #17 – Localized CO Concentrations

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3751945.8 | 0.00290 (05082708)
3751834.1 | 0.00513 (05082708)
3751722.5 | 0.00728 (05082708)
3751610.9 | 0.00719 (05082708)
3751499.2 | 0.00464 (05082708)
3751387.6 | 0.00409 (06081408)
3751276.0 | 0.00488 (05090224)
3751164.4 | 0.00454 (05090224)
3751052.7 | 0.00417 (05121424)
3750941.1 | 0.00420 (07120224)
3750829.5 | 0.00402 (07120224)
3750717.8 | 0.00404c(06072908)
3750606.2 | 0.00426c(06072908)
3750494.6 | 0.00501 (07031508)
3750382.9 | 0.00306 (07090708)
3750271.3 | 0.00305 (05070208)
3750159.7 | 0.00335 (05070208)
3750048.1 | 0.00396 (07091108)
3749936.4 | 0.00462 (07091108)
3749824.8 | 0.00329 (07091108)
3749713.2 | 0.00291 (05021408)
*** AERMOD - VERSION 09292 ***      *** Site 15 - CO      ***
***                                     ***                                     ***

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***      10/26/10
***      16:48:41
***      PAGE 20

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**MODELOPTs: NonDEFAULT CONC      FLAT
NODRYDPLT NOWETDPLT

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*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

```

** CONC OF CO      IN PPM      **
-----
X-COORD (M) Y-COORD (M)      CONC      (YYMMDDHH)      X-COORD (M) Y-COORD (M)      CONC      (YYMMDDHH)
-----
372647.17 3750290.48      0.00828      (06110508)      373224.49 3750294.52      0.01658      (05112808)
373809.89 3750290.48      0.01315      (05120308)      374411.43 3750290.48      0.00624      (07091108)
373842.19 3751158.48      0.01744      (05092224)      373822.00 3751416.86      0.01098      (05110224)
374060.20 3751340.15      0.00920      (05071708)

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***      10/26/10
***      16:48:41
***      PAGE 21

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**MODELOPTs: NonDEFAULT CONC      FLAT
NODRYDPLT NOWETDPLT

```

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

```

** CONC OF CO      IN PPM      **
-----
GROUP ID      AVERAGE CONC      DATE      RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)      OF TYPE      NETWORK
(YYMMDDHH)
-----
ALL      HIGH 1ST HIGH VALUE IS      0.23004      ON 05062305: AT ( 373654.44, 3750717.83, 10.00, 10.00, 0.00)      GC      UCART2

```

```

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

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***      10/26/10
***      16:48:41
***      PAGE 22

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**MODELOPTs: NonDEFAULT CONC      FLAT
NODRYDPLT NOWETDPLT

```

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

```

** CONC OF CO      IN PPM      **
-----
GROUP ID      AVERAGE CONC      DATE      RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)      OF TYPE      NETWORK
(YYMMDDHH)
-----
ALL      HIGH 1ST HIGH VALUE IS      0.10030      ON 05012908: AT ( 373654.44, 3750717.83, 10.00, 10.00, 0.00)      GC      UCART2

```

```

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

```

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***      10/26/10
***      16:48:41
***      PAGE 23

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**MODELOPTs: NonDEFAULT CONC      FLAT
NODRYDPLT NOWETDPLT

```

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

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

```

A Total of      0 Fatal Error Message(s)
A Total of      0 Warning Message(s)
A Total of     152 Informational Message(s)

A Total of     26280 Hours Were Processed
A Total of      15 Calm Hours Identified
A Total of      137 Missing Hours Identified ( 0.52 Percent)

```

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

***** WARNING MESSAGES *****
 *** NONE ***

Site #17 – Localized NO₂ Concentrations

```
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 6.7.1
** Lakes Environmental Software Inc.
** Date: 10/26/2010
** File: C:\Documents and Settings\jbailey\Desktop\Site 17\NO2.ADI
**
*****
**
**
** AERMOD Control Pathway
*****
**
**
CO STARTING
TITLEONE Site 17 - NO2
MODELOPT CONC NODRYDPLT NOWETDPLT FLAT
AVERTIME 1 ANNUAL
POLLUTID NOX
RUNORNOT RUN
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION VOL1 VOLUME 373572.330 3750796.920 0.0
** DESCRSRC Equipment
** Source Parameters **
SRCPARAM VOL1 0.0798 4.100 46.783 1.163
CONCUNIT 531.5 GRAMS/SEC PPM
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
GRIDCART UCART2 STA
XYINC 372437.24 21 121.72 3749713.16 21 111.63
GRIDCART UCART2 END
** DESCRREC ** **
DISCCART 372647.17 3750290.48
DISCCART 373224.49 3750294.52
DISCCART 373809.89 3750290.48
DISCCART 374411.43 3750290.48
DISCCART 373842.19 3751158.48
DISCCART 373822.00 3751416.86
DISCCART 374060.20 3751340.15
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
SURFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC"
PROFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL"
SURFDATA 0 2005
UAIRDATA 3190 2005
PROFBASE 10 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 1 1ST
** Auto-Generated Plotfiles
PLOTFILE 1 ALL 1ST NO2.AD\01HIGALL.PLT
PLOTFILE ANNUAL ALL NO2.AD\AN0GALL.PLT
OU FINISHED
**
*****
*** SETUP Finishes Successfully ***
*****

*** AERMOD - VERSION 09292 *** *** Site 17 - NO2 ***
***
*** 10/26/10
*** 16:53:49
*** PAGE 1

**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** MODEL SETUP OPTIONS SUMMARY ***

-----
**Model Is Setup For Calculation of Average CONCentration Values.
-- DEPOSITION LOGIC --
**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION. DRYDPLT = F
**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses RURAL Dispersion Only.

**Model Allows User-Specified Options:
1. Stack-tip Downwash.
2. Model Assumes Receptors on FLAT Terrain.
3. Use Calms Processing Routine.
```

Site #17 – Localized NO₂ Concentrations

```

4. Use Missing Data Processing Routine.
5. No Exponential Decay.

**Model Assumes No FLAGPOLE Receptor Heights.
**Model Calculates 1 Short Term Average(s) of: 1-HR
and Calculates ANNUAL Averages

**This Run Includes: 1 Source(s); 1 Source Group(s); and 448 Receptor(s)
**The Model Assumes A Pollutant Type of: NOX
**Model Set To Continue RUNNING After the Setup Testing.

**Output Options Selected:
Model Outputs Tables of ANNUAL Averages by Receptor
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

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

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 10.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 531.50
Output Units = PPM

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

*** AERMOD - VERSION 09292 *** ** Site 17 - NO2 ***
***
*** 10/26/10
16:53:49
PAGE 2

**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** VOLUME SOURCE DATA ***

SOURCE NUMBER EMISSION RATE BASE RELEASE INIT. INIT. URBAN EMISSION RATE
ID PART. (USER UNITS) X Y ELEV. HEIGHT SY SZ SOURCE SCALAR VARY
CATS. (METERS) (METERS) (METERS) (METERS) (METERS) (METERS) BY

-----
VOL1 0 0.79800E-01 373572.3 3750796.9 10.0 4.10 46.78 1.16 NO
*** AERMOD - VERSION 09292 *** ** Site 17 - NO2 ***
***
*** 10/26/10
16:53:49
PAGE 3

**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

ALL VOL1 ,
*** AERMOD - VERSION 09292 *** ** Site 17 - NO2 ***
***
*** 10/26/10
16:53:49
PAGE 4

**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)
372437.2, 372559.0, 372680.7, 372802.4, 372924.1, 373045.8, 373167.6, 373289.3, 373411.0, 373532.7,
373654.4, 373776.2, 373897.9, 374019.6, 374141.3, 374263.0, 374384.8, 374506.5, 374628.2, 374749.9,
374871.6,

*** Y-COORDINATES OF GRID ***
(METERS)
3749713.2, 3749824.8, 3749936.4, 3750048.1, 3750159.7, 3750271.3, 3750382.9, 3750494.6, 3750606.2, 3750717.8,
3750829.5, 3750941.1, 3751052.7, 3751164.4, 3751276.0, 3751387.6, 3751499.2, 3751610.9, 3751722.5, 3751834.1,
3751945.8,

*** AERMOD - VERSION 09292 *** ** Site 17 - NO2 ***
***
*** 10/26/10
16:53:49
PAGE 5

**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

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

( 372647.2, 3750290.5, 10.0, 10.0, 0.0); ( 373224.5, 3750294.5, 10.0, 10.0, 0.0);
( 373809.9, 3750290.5, 10.0, 10.0, 0.0); ( 374411.4, 3750290.5, 10.0, 10.0, 0.0);
( 373842.2, 3751158.5, 10.0, 10.0, 0.0); ( 373822.0, 3751416.9, 10.0, 10.0, 0.0);
( 374060.2, 3751340.1, 10.0, 10.0, 0.0);

*** AERMOD - VERSION 09292 *** ** Site 17 - NO2 ***
***
*** 10/26/10
16:53:49
PAGE 6

**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE - - RECEPTOR LOCATION - - DISTANCE
ID XR (METERS) YR (METERS) (METERS)
-----
VOL1 373532.7 3750717.8 -12.13
VOL1 373532.7 3750829.5 -49.32
VOL1 373654.4 3750829.5 -12.26
*** AERMOD - VERSION 09292 *** ** Site 17 - NO2 ***
***
*** 10/26/10
16:53:49

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Site #17 – Localized NO₂ Concentrations

16:53:49
PAGE 10

***MODELOPTs: NonDEFAULT CONC

FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL
VOL1 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	373532.72	373654.44	373776.16	373897.88	374019.60	374141.32	374263.04	374384.76	374506.48
3751945.76	0.00017	0.00017	0.00017	0.00017	0.00017	0.00016	0.00015	0.00014	0.00013
3751834.13	0.00020	0.00020	0.00020	0.00020	0.00019	0.00018	0.00017	0.00016	0.00015
3751722.50	0.00023	0.00024	0.00024	0.00024	0.00022	0.00021	0.00020	0.00019	0.00018
3751610.87	0.00029	0.00029	0.00029	0.00028	0.00026	0.00025	0.00023	0.00022	0.00021
3751499.24	0.00036	0.00037	0.00037	0.00035	0.00032	0.00030	0.00029	0.00027	0.00025
3751387.61	0.00046	0.00048	0.00048	0.00044	0.00041	0.00038	0.00036	0.00033	0.00029
3751275.98	0.00063	0.00067	0.00064	0.00059	0.00054	0.00050	0.00044	0.00038	0.00032
3751164.35	0.00092	0.00100	0.00093	0.00084	0.00075	0.00063	0.00051	0.00040	0.00032
3751052.72	0.00151	0.00171	0.00154	0.00128	0.00098	0.00071	0.00052	0.00039	0.00031
3750941.09	0.00295	0.00392	0.00277	0.00166	0.00102	0.00068	0.00048	0.00037	0.00029
3750829.46	0.00000	0.00000	0.00312	0.00149	0.00089	0.00060	0.00044	0.00034	0.00027
3750717.83	0.00000	0.00273	0.00181	0.00105	0.00070	0.00050	0.00038	0.00030	0.00024
3750606.20	0.00250	0.00159	0.00105	0.00073	0.00053	0.00040	0.00032	0.00026	0.00021
3750494.57	0.00111	0.00092	0.00072	0.00053	0.00042	0.00033	0.00027	0.00022	0.00019
3750382.94	0.00067	0.00060	0.00053	0.00041	0.00033	0.00028	0.00023	0.00020	0.00017
3750271.31	0.00047	0.00042	0.00040	0.00034	0.00027	0.00023	0.00020	0.00018	0.00015
3750159.68	0.00035	0.00032	0.00030	0.00028	0.00024	0.00019	0.00017	0.00015	0.00014
3750048.05	0.00027	0.00025	0.00024	0.00023	0.00021	0.00017	0.00015	0.00013	0.00012
3749936.42	0.00022	0.00020	0.00019	0.00019	0.00018	0.00016	0.00013	0.00012	0.00011
3749824.79	0.00018	0.00017	0.00016	0.00016	0.00015	0.00014	0.00012	0.00011	0.00010
3749713.16	0.00015	0.00014	0.00014	0.00013	0.00013	0.00013	0.00011	0.00010	0.00009

*** AERMOD - VERSION 09292 *** *** Site 17 - NO2 *** 10/26/10
16:53:49
PAGE 11

16:53:49
PAGE 11

***MODELOPTs: NonDEFAULT CONC

FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL
VOL1 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	374628.20	374749.92	374871.64
3751945.76	0.00013	0.00013	0.00012
3751834.13	0.00015	0.00014	0.00014
3751722.50	0.00017	0.00017	0.00016
3751610.87	0.00020	0.00019	0.00017
3751499.24	0.00023	0.00021	0.00019
3751387.61	0.00026	0.00022	0.00019
3751275.98	0.00027	0.00022	0.00019
3751164.35	0.00026	0.00021	0.00018
3751052.72	0.00025	0.00020	0.00017
3750941.09	0.00024	0.00020	0.00017
3750829.46	0.00022	0.00019	0.00016
3750717.83	0.00020	0.00017	0.00015
3750606.20	0.00018	0.00015	0.00013
3750494.57	0.00016	0.00014	0.00012
3750382.94	0.00014	0.00013	0.00011
3750271.31	0.00013	0.00012	0.00010
3750159.68	0.00012	0.00011	0.00010
3750048.05	0.00011	0.00010	0.00009
3749936.42	0.00010	0.00009	0.00008
3749824.79	0.00009	0.00008	0.00008
3749713.16	0.00008	0.00007	0.00007

*** AERMOD - VERSION 09292 *** *** Site 17 - NO2 *** 10/26/10
16:53:49
PAGE 12

16:53:49
PAGE 12

***MODELOPTs: NonDEFAULT CONC

FLAT
NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL
VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX IN PPM **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372647.17	3750290.48	0.00060	373224.49	3750294.52	0.00085
373809.89	3750290.48	0.00040	374411.43	3750290.48	0.00017
373842.19	3751158.48	0.00090	373822.00	3751416.86	0.00043
374060.20	3751340.15	0.00045			

*** AERMOD - VERSION 09292 *** *** Site 17 - NO2 *** 10/26/10
16:53:49
PAGE 13

16:53:49
PAGE 13

***MODELOPTs: NonDEFAULT CONC

FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES FOR SOURCE GROUP: ALL
VOL1 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	372437.24	372558.96	372680.68	372802.40	372924.12
3751945.8	0.02074 (05082506)	0.02200 (05082506)	0.02452 (07091203)	0.02849 (05082505)	0.02638 (07070205)
3751834.1	0.02323 (07090105)	0.02372 (05082506)	0.02270 (05102724)	0.02564 (07022024)	0.02675 (05082505)
3751722.5	0.02701 (06071402)	0.02565 (07090105)	0.02701 (05082506)	0.02634 (07091203)	0.03041 (07022024)

Site #17 – Localized NO₂ Concentrations

3751610.9	0.01691 (06110122)	0.02800 (06071402)	0.02842 (07090105)	0.03046 (05082506)	0.03147 (07091203)
3751499.2	0.02633 (06110122)	0.02294 (06110122)	0.02845 (06071402)	0.03154 (07090105)	0.03368 (05082506)
3751387.6	0.02709 (06062903)	0.02959 (07062723)	0.02944 (06110122)	0.02804 (06071402)	0.03492 (07090105)
3751276.0	0.02809 (06090102)	0.02641 (06090102)	0.03219 (06062903)	0.03437 (06110122)	0.02630 (06071402)
3751164.4	0.02607 (06120524)	0.02472 (06090102)	0.03294 (06090102)	0.03164 (06062903)	0.03763 (07062723)
3751052.7	0.02851 (06100301)	0.03198 (06100301)	0.03395 (06120524)	0.03291 (06120524)	0.03732 (06090102)
3750941.1	0.02907 (05042101)	0.03063 (05042101)	0.03255 (07091603)	0.03697 (07091603)	0.03844 (05020723)
3750829.5	0.02999 (07091605)	0.03218 (05092201)	0.03467 (05092201)	0.03703 (05092201)	0.03888 (05092201)
3750717.8	0.02410 (06111920)	0.02479 (06111920)	0.02946 (07091002)	0.03450 (07091002)	0.03865 (07072004)
3750606.2	0.02910 (07102602)	0.03195 (07102602)	0.03401 (07042503)	0.03636 (07042503)	0.03878 (07012823)
3750494.6	0.02870 (05101822)	0.03149 (05101822)	0.03054 (07031304)	0.03612 (07031304)	0.03825 (07012320)
3750382.9	0.02829 (07031304)	0.03073 (05083124)	0.03320 (07012320)	0.03529 (06111722)	0.03584 (05043001)
3750271.3	0.02825 (07012320)	0.02993 (06111722)	0.03203 (05043001)	0.02722 (05043001)	0.03550 (06053102)
3750159.7	0.02608 (06111722)	0.02816 (05043001)	0.02679 (05011420)	0.03278 (06053102)	0.03448 (05041623)
3750048.1	0.02218 (05043001)	0.02630 (05011420)	0.02979 (06053102)	0.03142 (05041623)	0.03213 (05060605)
3749936.4	0.02494 (05011420)	0.02688 (06053102)	0.02916 (07081202)	0.02947 (07070105)	0.02847 (05083004)
3749824.8	0.02537 (07091205)	0.02765 (07081202)	0.02719 (06090101)	0.02815 (05083004)	0.02978 (05050324)
3749713.2	0.02610 (07081202)	0.02661 (06090101)	0.02566 (05083004)	0.02622 (05050324)	0.02885 (07070203)

*** AERMOD - VERSION 09292 *** Site 17 - NO2 ***
 10/26/10
 16:53:49
 PAGE 14

MODELOPTS: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	373045.84	373167.56	X-COORD (METERS) 373289.28	373411.00	373532.72
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3751945.8	0.02745 (05052222)	0.02870 (06090404)	0.01861 (06070502)	0.02910 (07072704)	0.02623 (05082924)
3751834.1	0.02980 (06100302)	0.03090 (07062501)	0.02624 (06070502)	0.03147 (05052102)	0.02897 (05082924)
3751722.5	0.03110 (07070205)	0.03093 (05052222)	0.03279 (06070502)	0.03316 (05052102)	0.03189 (05082924)
3751610.9	0.03161 (05082505)	0.03444 (06100302)	0.03556 (06090404)	0.03294 (05052102)	0.03486 (05082924)
3751499.2	0.03411 (07091203)	0.03635 (07070205)	0.03740 (07070102)	0.03010 (05052102)	0.03761 (05082924)
3751387.6	0.03588 (05082506)	0.03804 (07022024)	0.03900 (05052222)	0.03610 (06070502)	0.03959 (05082924)
3751276.0	0.03819 (07090105)	0.03781 (05102724)	0.04015 (07070205)	0.03991 (06090404)	0.04033 (07091801)
3751164.4	0.03522 (06110122)	0.04033 (07090105)	0.04017 (07091203)	0.04125 (05072206)	0.03779 (07091801)
3751052.7	0.03808 (06062903)	0.04031 (06110122)	0.03853 (07090105)	0.04022 (07020123)	0.04432 (06082303)
3750941.1	0.04016 (06120524)	0.03641 (06090102)	0.04119 (07072706)	0.04815 (07091624)	0.05504 (06082205)
3750829.5	0.04012 (05121223)	0.04084 (07101207)	0.04181 (05020502)	0.05358 (07051224)	0.00000 (00000000)
3750717.8	0.04029 (07072004)	0.03835 (07062701)	0.04117 (07091604)	0.05202 (06101806)	0.00000 (00000000)
3750606.2	0.03945 (07031304)	0.03935 (07012320)	0.03778 (06111503)	0.04517 (07091602)	0.05032 (06041223)
3750494.6	0.03904 (05043001)	0.03952 (05121222)	0.04136 (05121721)	0.04184 (06022502)	0.04009 (06111907)
3750382.9	0.03892 (05011420)	0.04025 (05121721)	0.04052 (07081306)	0.03912 (07042204)	0.03940 (07072801)
3750271.3	0.03723 (05041623)	0.03797 (05083004)	0.03972 (07013021)	0.04001 (05042905)	0.04039 (07112120)
3750159.7	0.03605 (05083004)	0.03738 (07041702)	0.03850 (07120105)	0.03741 (06041123)	0.03933 (07112120)
3750048.1	0.03211 (05091106)	0.03528 (07013021)	0.03643 (06090204)	0.03613 (07062204)	0.03767 (06111202)
3749936.4	0.03255 (06110719)	0.03249 (07120105)	0.03372 (05042905)	0.03477 (07092602)	0.03550 (06111620)
3749824.8	0.03117 (06041124)	0.03155 (05062702)	0.03259 (06041123)	0.03303 (05102823)	0.03308 (06111620)
3749713.2	0.03038 (07072705)	0.02974 (06090204)	0.02919 (06041123)	0.03083 (05102823)	0.03064 (06111620)

*** AERMOD - VERSION 09292 *** Site 17 - NO2 ***
 10/26/10
 16:53:49
 PAGE 15

MODELOPTS: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	373654.44	373776.16	X-COORD (METERS) 373897.88	374019.60	374141.32
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3751945.8	0.02892 (07091802)	0.02623 (07040123)	0.02636 (07122005)	0.02769 (05101302)	0.01984 (07091723)
3751834.1	0.03151 (07091802)	0.02498 (07040123)	0.02655 (07062524)	0.02988 (07091723)	0.01420 (07070124)
3751722.5	0.03392 (07091802)	0.02793 (07122005)	0.03296 (07062524)	0.02675 (07091723)	0.02706 (07070124)
3751610.9	0.03583 (07091802)	0.03387 (07122005)	0.03497 (05101302)	0.01961 (07070124)	0.03235 (07070124)
3751499.2	0.03733 (07040123)	0.03622 (07122005)	0.03499 (07091723)	0.03467 (07070124)	0.02780 (07092823)
3751387.6	0.03995 (07040123)	0.03902 (07062524)	0.02676 (07070124)	0.03235 (07070124)	0.03561 (07062202)
3751276.0	0.03930 (07040123)	0.04044 (07091723)	0.03986 (07070124)	0.03918 (07062202)	0.03268 (07062424)
3751164.4	0.03964 (07122005)	0.03226 (07070124)	0.04145 (07092823)	0.03201 (07062424)	0.03811 (05051501)
3751052.7	0.04314 (07070223)	0.03824 (07092923)	0.03406 (05051501)	0.03751 (06083124)	0.03931 (07100322)
3750941.1	0.05337 (06060124)	0.04518 (07121420)	0.03728 (07100322)	0.03699 (07112919)	0.03780 (05071903)
3750829.5	0.00000 (00000000)	0.04852 (07082001)	0.03870 (05050322)	0.03937 (06061524)	0.03969 (06061524)
3750717.8	0.05852 (07061306)	0.04808 (05052123)	0.03783 (07062902)	0.03042 (07020421)	0.03377 (05070723)
3750606.2	0.04912 (05042301)	0.04244 (06122420)	0.03790 (07073003)	0.03995 (07081201)	0.03962 (07081802)
3750494.6	0.03953 (06120606)	0.03984 (06071722)	0.04064 (07072806)	0.04095 (07073003)	0.03719 (05082806)
3750382.9	0.04163 (07122007)	0.03956 (07081801)	0.04112 (06072803)	0.03934 (05082703)	0.03778 (05090403)
3750271.3	0.03928 (07122007)	0.03919 (05010120)	0.03967 (07072724)	0.03555 (05101301)	0.03690 (05082703)
3750159.7	0.03296 (07122007)	0.03512 (05091702)	0.03767 (05101902)	0.03535 (06071722)	0.03312 (07072005)
3750048.1	0.03166 (05042102)	0.03700 (05091702)	0.03607 (07082105)	0.03422 (07072724)	0.03328 (05101301)
3749936.4	0.03169 (05042102)	0.03368 (07103023)	0.03233 (07051822)	0.03289 (05101902)	0.03031 (07072724)
3749824.8	0.03101 (05042102)	0.03260 (07103023)	0.03005 (07051822)	0.03131 (06053105)	0.03080 (07081203)
3749713.2	0.02989 (05042102)	0.02914 (07103023)	0.02778 (05091702)	0.02868 (06053105)	0.02817 (05101902)

*** AERMOD - VERSION 09292 *** Site 17 - NO2 ***
 10/26/10
 16:53:49
 PAGE 16

MODELOPTS: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD (METERS)	374263.04	374384.76	X-COORD (METERS) 374506.48	374628.20	374749.92
------------------	-----------	-----------	-------------------------------	-----------	-----------

3751945.8	0.02051 (07070124)	0.02449 (07070124)	0.01720 (07092823)	0.02293 (06090306)	0.02242 (06102522)
3751834.1	0.02826 (07070124)	0.01667 (07070124)	0.02466 (06090306)	0.02450 (06102522)	0.02136 (07062424)
3751722.5	0.02468 (07070124)	0.02592 (06090306)	0.02677 (06102522)	0.02376 (07062424)	0.02661 (07062424)

Site #17 – Localized NO₂ Concentrations

3751610.9	0.02748 (07092823)	0.02957 (05062902)	0.02633 (07062424)	0.02729 (07062424)	0.02505 (05051501)
3751499.2	0.03262 (05062902)	0.02894 (07062424)	0.02718 (07062424)	0.02787 (05051501)	0.01927 (05051501)
3751387.6	0.03127 (07062424)	0.02992 (05051501)	0.02875 (05051501)	0.02496 (06083124)	0.02656 (06083124)
3751276.0	0.03563 (05051501)	0.02639 (05051501)	0.03147 (06083124)	0.02914 (07072804)	0.02645 (07112919)
3751164.4	0.03628 (06083124)	0.03439 (07072804)	0.03224 (07112919)	0.02782 (07112919)	0.01945 (07112919)
3751052.7	0.03752 (07112919)	0.02824 (07112919)	0.02621 (05071903)	0.02890 (05071903)	0.02853 (05071903)
3750941.1	0.03833 (05071903)	0.03629 (05091722)	0.03318 (06090106)	0.03114 (06090106)	0.02819 (07072605)
3750829.5	0.03767 (06061524)	0.03468 (06061524)	0.03141 (06061524)	0.02830 (06101221)	0.02630 (06101221)
3750717.8	0.03473 (05070723)	0.03402 (05070723)	0.03236 (05070723)	0.03023 (05070723)	0.02793 (05070723)
3750606.2	0.03415 (05012719)	0.02362 (05012719)	0.01579 (07081124)	0.01381 (07020421)	0.01413 (05070723)
3750494.6	0.03648 (07082904)	0.03416 (07081802)	0.03241 (07081802)	0.02684 (05012719)	0.01962 (05012719)
3750382.9	0.03610 (05082806)	0.03191 (07082904)	0.03157 (07082904)	0.02961 (07081201)	0.02821 (07081802)
3750271.3	0.03192 (05090403)	0.03066 (07073003)	0.03135 (05041521)	0.02788 (07082904)	0.02692 (07082904)
3750159.7	0.03371 (05082703)	0.03139 (07062901)	0.02957 (05090403)	0.02898 (05041521)	0.02667 (05041521)
3750048.1	0.03073 (05062305)	0.03053 (05082703)	0.03039 (07062901)	0.02695 (05090403)	0.02304 (05041521)
3749936.4	0.03091 (07081702)	0.03039 (05062305)	0.02761 (05082703)	0.02871 (07062901)	0.02346 (05090403)
3749824.8	0.02659 (06071222)	0.02973 (07092704)	0.02918 (05062305)	0.02502 (05082703)	0.02671 (07062901)
3749713.2	0.02747 (07081203)	0.02758 (07081702)	0.02744 (07092704)	0.02749 (05062305)	0.02274 (05082703)

*** AERMOD - VERSION 09292 *** Site 17 - NO2 *** 10/26/10
 *** 16:53:49
 PAGE 17

MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT
 *** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,
 *** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***
 ** CONC OF NOX IN PPM **

Y-COORD (METERS)	X-COORD (METERS)
3751945.8	0.01918 (07062424)
3751834.1	0.02546 (07062424)
3751722.5	0.02144 (05051501)
3751610.9	0.02108 (05051501)
3751499.2	0.02274 (06083124)
3751387.6	0.02471 (07072804)
3751276.0	0.02514 (07112919)
3751164.4	0.01705 (05071903)
3751052.7	0.02604 (05091722)
3750941.1	0.02674 (07072605)
3750829.5	0.02445 (06101221)
3750717.8	0.02736 (06112321)
3750606.2	0.01527 (05070723)
3750494.6	0.01300 (05012719)
3750382.9	0.02505 (07081802)
3750271.3	0.02533 (07081201)
3750159.7	0.02416 (07082904)
3750048.1	0.02729 (05041521)
3749936.4	0.02142 (05090403)
3749824.8	0.02146 (07062901)
3749713.2	0.02462 (07062901)

*** AERMOD - VERSION 09292 *** Site 17 - NO2 *** 10/26/10
 *** 16:53:49
 PAGE 18

MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT
 *** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF NOX IN PPM **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
372647.17	3750290.48	0.03146 (06111722)	373224.49	3750294.52	0.03890 (05091106)
373809.89	3750290.48	0.03972 (07082105)	374411.43	3750290.48	0.03237 (05082806)
373842.19	3751158.48	0.03706 (07070124)	373822.00	3751416.86	0.03898 (05101302)
374060.20	3751340.15	0.03724 (07062202)			

*** AERMOD - VERSION 09292 *** Site 17 - NO2 *** 10/26/10
 *** 16:53:49
 PAGE 19

MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT
 *** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 3 YEARS ***
 ** CONC OF NOX IN PPM **

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	0.00670 AT (373411.00, 3750717.83, 10.00, 10.00, 0.00)	GC	UCART2
	2ND HIGHEST VALUE IS	0.00392 AT (373654.44, 3750941.09, 10.00, 10.00, 0.00)	GC	UCART2
	3RD HIGHEST VALUE IS	0.00386 AT (373411.00, 3750606.20, 10.00, 10.00, 0.00)	GC	UCART2
	4TH HIGHEST VALUE IS	0.00365 AT (373411.00, 3750829.46, 10.00, 10.00, 0.00)	GC	UCART2
	5TH HIGHEST VALUE IS	0.00324 AT (373289.28, 3750606.20, 10.00, 10.00, 0.00)	GC	UCART2
	6TH HIGHEST VALUE IS	0.00312 AT (373776.16, 3750829.46, 10.00, 10.00, 0.00)	GC	UCART2
	7TH HIGHEST VALUE IS	0.00304 AT (373289.28, 3750717.83, 10.00, 10.00, 0.00)	GC	UCART2
	8TH HIGHEST VALUE IS	0.00295 AT (373532.72, 3750941.09, 10.00, 10.00, 0.00)	GC	UCART2
	9TH HIGHEST VALUE IS	0.00277 AT (373776.16, 3750941.09, 10.00, 10.00, 0.00)	GC	UCART2
	10TH HIGHEST VALUE IS	0.00273 AT (373654.44, 3750717.83, 10.00, 10.00, 0.00)	GC	UCART2

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR
 *** AERMOD - VERSION 09292 *** Site 17 - NO2 *** 10/26/10
 *** 16:53:49
 PAGE 20

MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT
 *** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

Site #17 – Localized NO₂ Concentrations

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** CONC OF NOX      IN PPM                      **
                                     DATE
GROUP ID      AVERAGE CONC      (YYMMDDHH)      RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)      OF TYPE      NETWORK
-----
ALL      HIGH 1ST HIGH VALUE IS      0.05852      ON 07061306: AT ( 373654.44, 3750717.83, 10.00, 10.00, 0.00)      GC      UCART2

*** RECEPTOR TYPES:  GC = GRIDCART
                       GP = GRIDPOLR
                       DC = DISCCART
                       DP = DISCPOLR
*** AERMOD - VERSION 09292 ***      *** Site 17 - NO2
***
***
**MODELOPTs:  NonDEFAULT CONC      FLAT
NODRYDPLT NOWETDPLT

*** Message Summary : AERMOD Model Execution ***
----- Summary of Total Messages -----
A Total of      0 Fatal Error Message(s)
A Total of      0 Warning Message(s)
A Total of     152 Informational Message(s)

A Total of     26280 Hours Were Processed
A Total of      15 Calm Hours Identified
A Total of     137 Missing Hours Identified ( 0.52 Percent)

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

***** WARNING MESSAGES *****
*** NONE ***

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

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Site #17 – Localized PM₁₀ Concentrations

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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 6.7.1
** Lakes Environmental Software Inc.
** Date: 10/26/2010
** File: C:\Documents and Settings\jbailey\Desktop\Site 17\PM10.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
TITLEONE Site 17 - PM10
MODELOPT CONC NODRYDPLT NOWETDPLT FLAT
AVERTIME 24
URBANOPT 9862049
POLLUTID PM10.
RUNORNOT RUN
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION VOL1 VOLUME 373572.330 3750796.920 0.0
** DESCRSRC Equipment
LOCATION AREAL AREA 373472.833 3750697.423 0.0
** DESCRSRC Equipment
** Source Parameters **
SRCPARAM VOL1 0.0404 4.100 46.783 1.163
SRCPARAM AREAL 0.0000483832 0.000 201.168 201.168 0.000
URBANSRC VOL1
URBANSRC AREAL
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
GRIDCART UCART1 STA
XYINC 371970.44 50 30.00 3756971.30 50 30.00
GRIDCART UCART1 END
GRIDCART UCART2 STA
XYINC 372437.24 21 121.72 3749713.16 21 111.63
GRIDCART UCART2 END
** DISCREC **
DISCCART 372647.17 3750290.48
DISCCART 373224.49 3750294.52
DISCCART 373809.89 3750290.48
DISCCART 374411.43 3750290.48
DISCCART 373842.19 3751158.48
DISCCART 373822.00 3751416.86
DISCCART 374060.20 3751340.15
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
SURFILE *L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC*
PROFFILE *L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL*
SURFDATA 0 2005
UAIRDATA 3190 2005
PROFBASE 10 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 24 1ST
** Auto-Generated Plotfiles
PLOTFILE 24 ALL 1ST PM10.AD\24H1GALL.PLT
OU FINISHED

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

*** AERMOD - VERSION 09292 *** *** Site 17 - PM10 *** 10/26/10
*** *** 17:09:02
*** *** PAGE 1

**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** MODEL SETUP OPTIONS SUMMARY ***
-----
**Model Is Setup For Calculation of Average CONCentration Values.

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


Site #17 – Localized PM₁₀ Concentrations

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**Model Uses URBAN Dispersion Algorithm for the SBL for      2 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 9862049.0 ; Urban Roughness Length = 1.000 m

**Model Allows User-Specified Options:
1. Stack-tip Downwash.
2. Model Assumes Receptors on FLAT Terrain.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Urban Roughness Length of 1.0 Meter Used.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates 1 Short Term Average(s) of: 24-HR

**This Run Includes:      2 Source(s);      1 Source Group(s); and      2948 Receptor(s)

**The Model Assumes A Pollutant Type of: PM10.

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

**Output Options Selected:
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

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

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 10.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.8 MB of RAM.

*** AERMOD - VERSION 09292 ***      *** Site 17 - PM10      ***      10/26/10
***                                     ***                                     ***      17:09:02
***                                     ***                                     ***      PAGE 2

**MODELOPTs: NonDEFAULT CONC
FLAT
NODRYDPLT NOWETDPLT

*** VOLUME SOURCE DATA ***

SOURCE      NUMBER EMISSION RATE      BASE RELEASE      INIT.      URBAN EMISSION RATE
ID          PART. (GRAMS/SEC)      X          Y          ELEV. HEIGHT      SY      SZ      SOURCE SCALAR VARY
(METERS) (METERS) (METERS) (METERS) (METERS) (METERS) (METERS) (METERS) (METERS) BY
-----
VOL1        0      0.40400E-01      373572.3 3750796.9      10.0      4.10      46.78      1.16      YES
*** AERMOD - VERSION 09292 ***      *** Site 17 - PM10      ***      10/26/10
***                                     ***                                     ***      17:09:02
***                                     ***                                     ***      PAGE 3

**MODELOPTs: NonDEFAULT CONC
FLAT
NODRYDPLT NOWETDPLT

*** AREA SOURCE DATA ***

SOURCE      NUMBER EMISSION RATE      COORD (SW CORNER)      BASE RELEASE      X-DIM      Y-DIM      ORIENT.      INIT.      URBAN EMISSION RATE
ID          PART. (GRAMS/SEC)      X          Y          ELEV. HEIGHT      OF AREA      OF AREA      OF AREA      SZ      SOURCE SCALAR VARY
(METERS) (METERS) (METERS) (METERS) (METERS) (METERS) (METERS) (METERS) (METERS) (DEG.) (METERS) (METERS) BY
-----
AREAL       0      0.48383E-04      373472.8 3750697.4      10.0      0.00      201.17      201.17      0.00      0.00      YES
*** AERMOD - VERSION 09292 ***      *** Site 17 - PM10      ***      10/26/10
***                                     ***                                     ***      17:09:02
***                                     ***                                     ***      PAGE 4

**MODELOPTs: NonDEFAULT CONC
FLAT
NODRYDPLT NOWETDPLT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID      SOURCE IDs

ALL          VOL1 , AREAL ,
*** AERMOD - VERSION 09292 ***      *** Site 17 - PM10      ***      10/26/10
***                                     ***                                     ***      17:09:02
***                                     ***                                     ***      PAGE 5

**MODELOPTs: NonDEFAULT CONC
FLAT
NODRYDPLT NOWETDPLT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)
371970.4, 372000.4, 372030.4, 372060.4, 372090.4, 372120.4, 372150.4, 372180.4, 372210.4, 372240.4,
372270.4, 372300.4, 372330.4, 372360.4, 372390.4, 372420.4, 372450.4, 372480.4, 372510.4, 372540.4,
372570.4, 372600.4, 372630.4, 372660.4, 372690.4, 372720.4, 372750.4, 372780.4, 372810.4, 372840.4,
372870.4, 372900.4, 372930.4, 372960.4, 372990.4, 373020.4, 373050.4, 373080.4, 373110.4, 373140.4,
373170.4, 373200.4, 373230.4, 373260.4, 373290.4, 373320.4, 373350.4, 373380.4, 373410.4, 373440.4,

*** Y-COORDINATES OF GRID ***
(METERS)
3756971.3, 3757001.3, 3757031.3, 3757061.3, 3757091.3, 3757121.3, 3757151.3, 3757181.3, 3757211.3, 3757241.3,
3757271.3, 3757301.3, 3757331.3, 3757361.3, 3757391.3, 3757421.3, 3757451.3, 3757481.3, 3757511.3, 3757541.3,
3757571.3, 3757601.3, 3757631.3, 3757661.3, 3757691.3, 3757721.3, 3757751.3, 3757781.3, 3757811.3, 3757841.3,
3757871.3, 3757901.3, 3757931.3, 3757961.3, 3757991.3, 3758021.3, 3758051.3, 3758081.3, 3758111.3, 3758141.3,
3758171.3, 3758201.3, 3758231.3, 3758261.3, 3758291.3, 3758321.3, 3758351.3, 3758381.3, 3758411.3, 3758441.3,

*** AERMOD - VERSION 09292 ***      *** Site 17 - PM10      ***      10/26/10
***                                     ***                                     ***      17:09:02
***                                     ***                                     ***      PAGE 6

**MODELOPTs: NonDEFAULT CONC
FLAT

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Site #17 – Localized PM₁₀ Concentrations

05 01 01	1 20	-0.4	0.022	-9.000	-9.000	-999.	8.	2.8	0.26	1.00	1.00	0.40	337.	9.1	284.9	5.5
05 01 01	1 21	-1.5	0.045	-9.000	-9.000	-999.	22.	5.5	0.26	1.00	1.00	0.80	12.	9.1	284.9	5.5
05 01 01	1 22	-1.5	0.045	-9.000	-9.000	-999.	22.	5.5	0.26	1.00	1.00	0.80	360.	9.1	284.9	5.5
05 01 01	1 23	-1.9	0.050	-9.000	-9.000	-999.	26.	6.2	0.26	1.00	1.00	0.90	46.	9.1	284.2	5.5
05 01 01	1 24	-1.5	0.045	-9.000	-9.000	-999.	22.	5.5	0.26	1.00	1.00	0.80	12.	9.1	284.2	5.5

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
05	01	01	01	5.5	0	-999.	-99.00	282.6	99.0	-99.00	-99.00
05	01	01	01	9.1	1	52.	1.10	-999.0	99.0	-99.00	-99.00

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

*** AERMOD - VERSION 09292 *** *** Site 17 - PM10

*** 10/26/10

*** 17:09:02

*** PAGE 11

***MODELOPTs: NonDEFAULT CONC

FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** CONC OF PM10. IN MICROGRAMS/M**3 ***

Y-COORD (METERS)	X-COORD (METERS)				
	371970.44	372000.44	372030.44	372060.44	372090.44
3758441.3	1.54291 (06091124)	1.56092 (06091124)	1.56715 (06091124)	1.56130 (06091124)	1.54409 (06091124)
3758411.3	1.54625 (06091124)	1.56681 (06091124)	1.57551 (06091124)	1.57215 (06091124)	1.55718 (06091124)
3758381.3	1.54931 (06091124)	1.57239 (06091124)	1.58350 (06091124)	1.58260 (06091124)	1.56980 (06091124)
3758351.3	1.55192 (06091124)	1.57761 (06091124)	1.59124 (06091124)	1.59283 (06091124)	1.58215 (06091124)
3758321.3	1.55381 (06091124)	1.58220 (06091124)	1.59860 (06091124)	1.60277 (06091124)	1.59433 (06091124)
3758291.3	1.55504 (06091124)	1.58611 (06091124)	1.60533 (06091124)	1.61216 (06091124)	1.60616 (06091124)
3758261.3	1.55586 (06091124)	1.58958 (06091124)	1.61146 (06091124)	1.62092 (06091124)	1.61751 (06091124)
3758231.3	1.55624 (06091124)	1.59273 (06091124)	1.61727 (06091124)	1.62927 (06091124)	1.62844 (06091124)
3758201.3	1.55592 (06091124)	1.59531 (06091124)	1.62266 (06091124)	1.63734 (06091124)	1.63913 (06091124)
3758171.3	1.55490 (06091124)	1.59712 (06091124)	1.62737 (06091124)	1.64496 (06091124)	1.64950 (06091124)
3758141.3	1.55342 (06091124)	1.59832 (06091124)	1.63139 (06091124)	1.65190 (06091124)	1.65933 (06091124)
3758111.3	1.55153 (06091124)	1.59915 (06091124)	1.63499 (06091124)	1.65829 (06091124)	1.66855 (06091124)
3758081.3	1.54888 (06091124)	1.59941 (06091124)	1.63819 (06091124)	1.66432 (06091124)	1.67731 (06091124)
3758051.3	1.54542 (06091124)	1.59886 (06091124)	1.64071 (06091124)	1.66987 (06091124)	1.68572 (06091124)
3758021.3	1.54149 (06091124)	1.59766 (06091124)	1.64246 (06091124)	1.67471 (06091124)	1.69361 (06091124)
3757991.3	1.53718 (06091124)	1.59604 (06091124)	1.64367 (06091124)	1.67889 (06091124)	1.70081 (06091124)
3757961.3	1.53218 (06091124)	1.59384 (06091124)	1.64446 (06091124)	1.68259 (06091124)	1.70748 (06091124)
3757931.3	1.52642 (06091124)	1.59077 (06091124)	1.64454 (06091124)	1.68581 (06091124)	1.71373 (06091124)
3757901.3	1.52018 (06091124)	1.58702 (06091124)	1.64376 (06091124)	1.68827 (06091124)	1.71938 (06091124)
3757871.3	1.51359 (06091124)	1.58287 (06091124)	1.64242 (06091124)	1.69001 (06091124)	1.72436 (06091124)
3757841.3	1.50629 (06091124)	1.57819 (06091124)	1.64061 (06091124)	1.69120 (06091124)	1.72873 (06091124)
3757811.3	1.49815 (06091124)	1.57268 (06091124)	1.63803 (06091124)	1.69185 (06091124)	1.73258 (06091124)
3757781.3	1.48950 (06091124)	1.56649 (06091124)	1.63461 (06091124)	1.69171 (06091124)	1.73577 (06091124)
3757751.3	1.48046 (06091124)	1.55989 (06091124)	1.63059 (06091124)	1.69080 (06091124)	1.73817 (06091124)
3757721.3	1.47070 (06091124)	1.55275 (06091124)	1.62611 (06091124)	1.68931 (06091124)	1.73989 (06091124)
3757691.3	1.46015 (06091124)	1.54476 (06091124)	1.62094 (06091124)	1.68720 (06091124)	1.74106 (06091124)
3757661.3	1.44916 (06091124)	1.53605 (06091124)	1.61495 (06091124)	1.68425 (06091124)	1.74152 (06091124)
3757631.3	1.43785 (06091124)	1.52688 (06091124)	1.60835 (06091124)	1.68055 (06091124)	1.74114 (06091124)
3757601.3	1.42590 (06091124)	1.51717 (06091124)	1.60128 (06091124)	1.67621 (06091124)	1.74008 (06091124)
3757571.3	1.41329 (06091124)	1.50658 (06091124)	1.59349 (06091124)	1.67128 (06091124)	1.73843 (06091124)
3757541.3	1.40029 (06091124)	1.49537 (06091124)	1.58482 (06091124)	1.66558 (06091124)	1.73600 (06091124)
3757511.3	1.38688 (06091124)	1.48377 (06091124)	1.57553 (06091124)	1.65915 (06091124)	1.73270 (06091124)
3757481.3	1.38031 (06102324)	1.47166 (06091124)	1.56573 (06091124)	1.65210 (06091124)	1.72866 (06091124)
3757451.3	1.39609 (06102324)	1.45888 (06091124)	1.55518 (06091124)	1.64439 (06091124)	1.72396 (06091124)
3757421.3	1.41156 (06102324)	1.44555 (06091124)	1.54387 (06091124)	1.63586 (06091124)	1.71853 (06091124)
3757391.3	1.42680 (06102324)	1.43178 (06091124)	1.53201 (06091124)	1.62657 (06091124)	1.71229 (06091124)
3757361.3	1.44200 (06102324)	1.41750 (06091124)	1.51964 (06091124)	1.61667 (06091124)	1.70537 (06091124)
3757331.3	1.45684 (06102324)	1.43300 (06102324)	1.50669 (06091124)	1.60608 (06091124)	1.69772 (06091124)
3757301.3	1.47117 (06102324)	1.44913 (06102324)	1.49309 (06091124)	1.59469 (06091124)	1.68932 (06091124)
3757271.3	1.48503 (06102324)	1.46499 (06102324)	1.47899 (06091124)	1.58266 (06091124)	1.68010 (06091124)

*** AERMOD - VERSION 09292 *** *** Site 17 - PM10

*** 10/26/10

*** 17:09:02

*** PAGE 12

***MODELOPTs: NonDEFAULT CONC

FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** CONC OF PM10. IN MICROGRAMS/M**3 ***

Y-COORD (METERS)	X-COORD (METERS)				
	371970.44	372000.44	372030.44	372060.44	372090.44
3757241.3	1.49863 (06102324)	1.48074 (06102324)	1.46432 (06091124)	1.57004 (06091124)	1.67016 (06091124)
3757211.3	1.51188 (06102324)	1.49622 (06102324)	1.47154 (06102324)	1.55688 (06091124)	1.65944 (06091124)
3757181.3	1.52456 (06102324)	1.51115 (06102324)	1.48840 (06102324)	1.54302 (06091124)	1.64802 (06091124)
3757151.3	1.53658 (06102324)	1.52560 (06102324)	1.50494 (06102324)	1.52862 (06091124)	1.63583 (06091124)
3757121.3	1.54816 (06102324)	1.53973 (06102324)	1.52129 (06102324)	1.51351 (06091124)	1.62307 (06091124)
3757091.3	1.55925 (06102324)	1.55345 (06102324)	1.53737 (06102324)	1.51182 (06102324)	1.60958 (06091124)
3757061.3	1.56965 (06102324)	1.56659 (06102324)	1.55297 (06102324)	1.52947 (06102324)	1.59552 (06091124)
3757031.3	1.57942 (06102324)	1.57913 (06102324)	1.56805 (06102324)	1.54675 (06102324)	1.58077 (06091124)
3757001.3	1.58857 (06102324)	1.59116 (06102324)	1.58273 (06102324)	1.56378 (06102324)	1.56535 (06091124)
3756971.3	1.59702 (06102324)	1.60265 (06102324)	1.59700 (06102324)	1.58049 (06102324)	1.55399 (06102324)

*** AERMOD - VERSION 09292 *** *** Site 17 - PM10

*** 10/26/10

*** 17:09:02

*** PAGE 13

***MODELOPTs: NonDEFAULT CONC

FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** CONC OF PM10. IN MICROGRAMS/M**3 ***

Y-COORD (METERS)	X-COORD (METERS)				
	372120.44	372150.44	372180.44	372210.44	372240.44

Site #17 – Localized PM₁₀ Concentrations

3758441.3	1.51573 (06091124)	1.47701 (06091124)	1.42960 (06091124)	1.37466 (06091124)	1.31360 (06091124)
3758411.3	1.53069 (06091124)	1.49375 (06091124)	1.44750 (06091124)	1.39328 (06091124)	1.33279 (06091124)
3758381.3	1.54529 (06091124)	1.51024 (06091124)	1.46528 (06091124)	1.41204 (06091124)	1.35225 (06091124)
3758351.3	1.55968 (06091124)	1.52643 (06091124)	1.48279 (06091124)	1.43075 (06091124)	1.37175 (06091124)
3758321.3	1.57399 (06091124)	1.54249 (06091124)	1.50023 (06091124)	1.44928 (06091124)	1.39107 (06091124)
3758291.3	1.58814 (06091124)	1.55845 (06091124)	1.51775 (06091124)	1.46787 (06091124)	1.41038 (06091124)
3758261.3	1.60190 (06091124)	1.57420 (06091124)	1.53530 (06091124)	1.48664 (06091124)	1.42983 (06091124)
3758231.3	1.61516 (06091124)	1.58956 (06091124)	1.55263 (06091124)	1.50541 (06091124)	1.44947 (06091124)
3758201.3	1.62811 (06091124)	1.60462 (06091124)	1.56959 (06091124)	1.52391 (06091124)	1.46911 (06091124)
3758171.3	1.64085 (06091124)	1.61958 (06091124)	1.58640 (06091124)	1.54217 (06091124)	1.48855 (06091124)
3758141.3	1.65322 (06091124)	1.63437 (06091124)	1.60317 (06091124)	1.56044 (06091124)	1.50795 (06091124)
3758111.3	1.66512 (06091124)	1.64881 (06091124)	1.61977 (06091124)	1.57882 (06091124)	1.52755 (06091124)
3758081.3	1.67656 (06091124)	1.66275 (06091124)	1.63597 (06091124)	1.59704 (06091124)	1.54729 (06091124)
3758051.3	1.68773 (06091124)	1.67632 (06091124)	1.65178 (06091124)	1.61490 (06091124)	1.56684 (06091124)
3758021.3	1.69855 (06091124)	1.68966 (06091124)	1.66744 (06091124)	1.63248 (06091124)	1.58607 (06091124)
3757991.3	1.70881 (06091124)	1.70266 (06091124)	1.68294 (06091124)	1.65002 (06091124)	1.60523 (06091124)
3757961.3	1.71850 (06091124)	1.71512 (06091124)	1.69808 (06091124)	1.66749 (06091124)	1.62447 (06091124)
3757931.3	1.72775 (06091124)	1.72713 (06091124)	1.71273 (06091124)	1.68462 (06091124)	1.64363 (06091124)
3757901.3	1.73652 (06091124)	1.73881 (06091124)	1.72697 (06091124)	1.70131 (06091124)	1.66244 (06091124)
3757871.3	1.74471 (06091124)	1.75009 (06091124)	1.74095 (06091124)	1.71774 (06091124)	1.68089 (06091124)
3757841.3	1.75222 (06091124)	1.76084 (06091124)	1.75460 (06091124)	1.73397 (06091124)	1.69926 (06091124)
3757811.3	1.75916 (06091124)	1.77102 (06091124)	1.76773 (06091124)	1.74988 (06091124)	1.71759 (06091124)
3757781.3	1.76560 (06091124)	1.78071 (06091124)	1.78033 (06091124)	1.76531 (06091124)	1.73564 (06091124)
3757751.3	1.77141 (06091124)	1.78989 (06091124)	1.79254 (06091124)	1.78026 (06091124)	1.75331 (06091124)
3757721.3	1.77655 (06091124)	1.79841 (06091124)	1.80433 (06091124)	1.79490 (06091124)	1.77064 (06091124)
3757691.3	1.78109 (06091124)	1.80625 (06091124)	1.81559 (06091124)	1.80921 (06091124)	1.78769 (06091124)
3757661.3	1.78502 (06091124)	1.81350 (06091124)	1.82630 (06091124)	1.82304 (06091124)	1.80440 (06091124)
3757631.3	1.78819 (06091124)	1.82017 (06091124)	1.83642 (06091124)	1.83636 (06091124)	1.82063 (06091124)
3757601.3	1.79059 (06091124)	1.82616 (06091124)	1.84596 (06091124)	1.84918 (06091124)	1.83638 (06091124)
3757571.3	1.79230 (06091124)	1.83147 (06091124)	1.85488 (06091124)	1.86151 (06091124)	1.85177 (06091124)
3757541.3	1.79333 (06091124)	1.83613 (06091124)	1.86312 (06091124)	1.87332 (06091124)	1.86674 (06091124)
3757511.3	1.79358 (06091124)	1.84012 (06091124)	1.87068 (06091124)	1.88453 (06091124)	1.88129 (06091124)
3757481.3	1.79304 (06091124)	1.84331 (06091124)	1.87758 (06091124)	1.89509 (06091124)	1.89536 (06091124)
3757451.3	1.79181 (06091124)	1.84572 (06091124)	1.88378 (06091124)	1.90503 (06091124)	1.90888 (06091124)
3757421.3	1.78990 (06091124)	1.84737 (06091124)	1.88929 (06091124)	1.91434 (06091124)	1.92182 (06091124)
3757391.3	1.78714 (06091124)	1.84824 (06091124)	1.89406 (06091124)	1.92298 (06091124)	1.93421 (06091124)
3757361.3	1.78349 (06091124)	1.84829 (06091124)	1.89808 (06091124)	1.93091 (06091124)	1.94596 (06091124)
3757331.3	1.77909 (06091124)	1.84758 (06091124)	1.90130 (06091124)	1.93808 (06091124)	1.95701 (06091124)
3757301.3	1.77390 (06091124)	1.84615 (06091124)	1.90374 (06091124)	1.94450 (06091124)	1.96735 (06091124)
3757271.3	1.76795 (06091124)	1.84390 (06091124)	1.90528 (06091124)	1.95021 (06091124)	1.97706 (06091124)

*** AERMOD - VERSION 09292 *** *** Site 17 - PM10 ***
 10/26/10
 17:09:02
 PAGE 14

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOLL , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372120.44	372150.44	X-COORD (METERS) 372180.44	372210.44	372240.44
3757241.3	1.76119 (06091124)	1.84077 (06091124)	1.90660 (06091124)	1.95506 (06091124)	1.98612 (06091124)
3757211.3	1.75370 (06091124)	1.83678 (06091124)	1.90587 (06091124)	1.95916 (06091124)	1.99440 (06091124)
3757181.3	1.74534 (06091124)	1.83193 (06091124)	1.90501 (06091124)	1.96239 (06091124)	2.00185 (06091124)
3757151.3	1.73624 (06091124)	1.82626 (06091124)	1.90322 (06091124)	1.96483 (06091124)	2.00852 (06091124)
3757121.3	1.72630 (06091124)	1.81974 (06091124)	1.90065 (06091124)	1.96627 (06091124)	2.01443 (06091124)
3757091.3	1.71557 (06091124)	1.81243 (06091124)	1.89707 (06091124)	1.96684 (06091124)	2.01941 (06091124)
3757061.3	1.70407 (06091124)	1.80415 (06091124)	1.89275 (06091124)	1.96654 (06091124)	2.02356 (06091124)
3757031.3	1.69174 (06091124)	1.79514 (06091124)	1.88733 (06091124)	1.96545 (06091124)	2.02683 (06091124)
3757001.3	1.67877 (06091124)	1.78523 (06091124)	1.88117 (06091124)	1.96333 (06091124)	2.02919 (06091124)
3756971.3	1.66503 (06091124)	1.77461 (06091124)	1.87403 (06091124)	1.96031 (06091124)	2.03056 (06091124)

*** AERMOD - VERSION 09292 *** *** Site 17 - PM10 ***
 10/26/10
 17:09:02
 PAGE 15

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOLL , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372270.44	372300.44	X-COORD (METERS) 372330.44	372360.44	372390.44
3758441.3	1.24857 (06091124)	1.17993 (06091124)	1.21329 (05052124)	1.23216 (05052124)	1.21998 (05052124)
3758411.3	1.26778 (06091124)	1.19895 (06091124)	1.21361 (05052124)	1.23745 (05052124)	1.23018 (05052124)
3758381.3	1.28723 (06091124)	1.21832 (06091124)	1.21313 (05052124)	1.24202 (05052124)	1.23978 (05052124)
3758351.3	1.30691 (06091124)	1.23813 (06091124)	1.21183 (05052124)	1.24590 (05052124)	1.24863 (05052124)
3758321.3	1.32658 (06091124)	1.25813 (06091124)	1.20978 (05052124)	1.24894 (05052124)	1.25677 (05052124)
3758291.3	1.34631 (06091124)	1.27812 (06091124)	1.20690 (05052124)	1.25114 (05052124)	1.26419 (05052124)
3758261.3	1.36623 (06091124)	1.29820 (06091124)	1.22633 (06091124)	1.25249 (05052124)	1.27090 (05052124)
3758231.3	1.38650 (06091124)	1.31853 (06091124)	1.24640 (06091124)	1.25307 (05052124)	1.27680 (05052124)
3758201.3	1.40699 (06091124)	1.33916 (06091124)	1.26694 (06091124)	1.25280 (05052124)	1.28187 (05052124)
3758171.3	1.42738 (06091124)	1.35987 (06091124)	1.28785 (06091124)	1.25165 (05052124)	1.28616 (05052124)
3758141.3	1.44764 (06091124)	1.38049 (06091124)	1.30880 (06091124)	1.24966 (05052124)	1.28962 (05052124)
3758111.3	1.46799 (06091124)	1.40123 (06091124)	1.32977 (06091124)	1.25485 (06091124)	1.29222 (05052124)
3758081.3	1.48855 (06091124)	1.42229 (06091124)	1.35099 (06091124)	1.27569 (06091124)	1.29390 (05052124)
3758051.3	1.50921 (06091124)	1.44371 (06091124)	1.37256 (06091124)	1.29696 (06091124)	1.29471 (05052124)
3758021.3	1.52968 (06091124)	1.46519 (06091124)	1.39438 (06091124)	1.31875 (06091124)	1.29469 (05052124)
3757991.3	1.54999 (06091124)	1.48648 (06091124)	1.41614 (06091124)	1.34072 (06091124)	1.29373 (05052124)
3757961.3	1.57044 (06091124)	1.50781 (06091124)	1.43784 (06091124)	1.36269 (06091124)	1.29177 (05052124)
3757931.3	1.59109 (06091124)	1.52936 (06091124)	1.45978 (06091124)	1.38476 (06091124)	1.30617 (06091124)
3757901.3	1.61168 (06091124)	1.55111 (06091124)	1.48211 (06091124)	1.40725 (06091124)	1.32830 (06091124)
3757871.3	1.63201 (06091124)	1.57273 (06091124)	1.50462 (06091124)	1.43012 (06091124)	1.35094 (06091124)
3757841.3	1.65218 (06091124)	1.59409 (06091124)	1.52705 (06091124)	1.45311 (06091124)	1.37396 (06091124)
3757811.3	1.67238 (06091124)	1.61546 (06091124)	1.54943 (06091124)	1.47601 (06091124)	1.39705 (06091124)
3757781.3	1.69253 (06091124)	1.63706 (06091124)	1.57200 (06091124)	1.49902 (06091124)	1.42016 (06091124)
3757751.3	1.71236 (06091124)	1.65870 (06091124)	1.59483 (06091124)	1.52231 (06091124)	1.44352 (06091124)
3757721.3	1.73181 (06091124)	1.68015 (06091124)	1.61766 (06091124)	1.54589 (06091124)	1.46736 (06091124)
3757691.3	1.75108 (06091124)	1.70141 (06091124)	1.64029 (06091124)	1.56949 (06091124)	1.49149 (06091124)
3757661.3	1.77028 (06091124)	1.72264 (06091124)	1.66278 (06091124)	1.59305 (06091124)	1.51567 (06091124)
3757631.3	1.78928 (06091124)	1.74387 (06091124)	1.68538 (06091124)	1.61669 (06091124)	1.53992 (06091124)
3757601.3	1.80794 (06091124)	1.76481 (06091124)	1.70807 (06091124)	1.64057 (06091124)	1.56439 (06091124)
3757571.3	1.82623 (06091124)	1.78537 (06091124)	1.73068 (06091124)	1.66462 (06091124)	1.58910 (06091124)

Site #17 – Localized PM₁₀ Concentrations

3757541.3	1.84422 (06091124)	1.80566 (06091124)	1.75314 (06091124)	1.68859 (06091124)	1.61393 (06091124)
3757511.3	1.86182 (06091124)	1.82580 (06091124)	1.77548 (06091124)	1.71239 (06091124)	1.63875 (06091124)
3757481.3	1.87893 (06091124)	1.84580 (06091124)	1.79775 (06091124)	1.73621 (06091124)	1.66359 (06091124)
3757451.3	1.89557 (06091124)	1.86548 (06091124)	1.81991 (06091124)	1.76001 (06091124)	1.68868 (06091124)
3757421.3	1.91175 (06091124)	1.88475 (06091124)	1.84170 (06091124)	1.78382 (06091124)	1.71388 (06091124)
3757391.3	1.92745 (06091124)	1.90373 (06091124)	1.86315 (06091124)	1.80755 (06091124)	1.73913 (06091124)
3757361.3	1.94277 (06091124)	1.92229 (06091124)	1.88438 (06091124)	1.83113 (06091124)	1.76436 (06091124)
3757331.3	1.95757 (06091124)	1.94043 (06091124)	1.90540 (06091124)	1.85455 (06091124)	1.78956 (06091124)
3757301.3	1.97181 (06091124)	1.95802 (06091124)	1.92514 (06091124)	1.87787 (06091124)	1.81466 (06091124)
3757271.3	1.98546 (06091124)	1.97510 (06091124)	1.94653 (06091124)	1.90093 (06091124)	1.83977 (06091124)
*** AERMOD - VERSION 09292 ***	*** Site 17 - PM10				10/26/10
					17:09:02
					PAGE 16

**MODELOPTs: NonDEFAULT CONC
 FLAT
 NODRYDPLT NOWETDPLT
 *** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,
 *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
 ** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372270.44	372300.44	X-COORD (METERS) 372330.44	372360.44	372390.44
3757241.3	1.99850 (06091124)	1.99161 (06091124)	1.96652 (06091124)	1.92373 (06091124)	1.86482 (06091124)
3757211.3	2.01081 (06091124)	2.00773 (06091124)	1.98607 (06091124)	1.94620 (06091124)	1.88976 (06091124)
3757181.3	2.02239 (06091124)	2.02329 (06091124)	2.00529 (06091124)	1.96832 (06091124)	1.91446 (06091124)
3757151.3	2.03318 (06091124)	2.03830 (06091124)	2.02398 (06091124)	1.99022 (06091124)	1.93901 (06091124)
3757121.3	2.04336 (06091124)	2.05266 (06091124)	2.04202 (06091124)	2.01177 (06091124)	1.96338 (06091124)
3757091.3	2.05281 (06091124)	2.06644 (06091124)	2.05947 (06091124)	2.03288 (06091124)	1.98756 (06091124)
3757061.3	2.06143 (06091124)	2.07934 (06091124)	2.07645 (06091124)	2.05355 (06091124)	2.01140 (06091124)
3757031.3	2.06917 (06091124)	2.09150 (06091124)	2.09283 (06091124)	2.07387 (06091124)	2.03485 (06091124)
3757001.3	2.07616 (06091124)	2.10281 (06091124)	2.10867 (06091124)	2.09365 (06091124)	2.05800 (06091124)
3756971.3	2.08220 (06091124)	2.11351 (06091124)	2.12378 (06091124)	2.11279 (06091124)	2.08077 (06091124)
*** AERMOD - VERSION 09292 ***	*** Site 17 - PM10				10/26/10
					17:09:02
					PAGE 17

**MODELOPTs: NonDEFAULT CONC
 FLAT
 NODRYDPLT NOWETDPLT
 *** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,
 *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
 ** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372420.44	372450.44	X-COORD (METERS) 372480.44	372510.44	372540.44
3758441.3	1.22168 (06090524)	1.23373 (06090524)	1.23972 (06090524)	1.24010 (06090524)	1.23413 (06090524)
3758411.3	1.22686 (06090524)	1.23967 (06090524)	1.24665 (06090524)	1.24783 (06090524)	1.24271 (06090524)
3758381.3	1.23205 (06090524)	1.24562 (06090524)	1.25355 (06090524)	1.25547 (06090524)	1.25120 (06090524)
3758351.3	1.23709 (06090524)	1.25159 (06090524)	1.26046 (06090524)	1.26308 (06090524)	1.25963 (06090524)
3758321.3	1.24195 (06090524)	1.25745 (06090524)	1.26738 (06090524)	1.27074 (06090524)	1.26809 (06090524)
3758291.3	1.24661 (06090524)	1.26317 (06090524)	1.27413 (06090524)	1.27842 (06090524)	1.27662 (06090524)
3758261.3	1.25644 (05052124)	1.26877 (06090524)	1.28073 (06090524)	1.28601 (06090524)	1.28514 (06090524)
3758231.3	1.25740 (05052124)	1.27434 (06090524)	1.28720 (06090524)	1.29355 (06090524)	1.29354 (06090524)
3758201.3	1.27773 (05052124)	1.27989 (06090524)	1.29366 (06090524)	1.30102 (06090524)	1.30183 (06090524)
3758171.3	1.28738 (05052124)	1.28539 (06090524)	1.30010 (06090524)	1.30847 (06090524)	1.31008 (06090524)
3758141.3	1.29630 (05052124)	1.29067 (06090524)	1.30651 (06090524)	1.31590 (06090524)	1.31836 (06090524)
3758111.3	1.30437 (05052124)	1.29583 (06090524)	1.31269 (06090524)	1.32329 (06090524)	1.32662 (06090524)
3758081.3	1.31169 (05052124)	1.30078 (06090524)	1.31881 (06090524)	1.33044 (06090524)	1.33492 (06090524)
3758051.3	1.31823 (05052124)	1.30653 (05052124)	1.32481 (06090524)	1.33752 (06090524)	1.34305 (06090524)
3758021.3	1.32391 (05052124)	1.31764 (05052124)	1.33076 (06090524)	1.34452 (06090524)	1.35118 (06090524)
3757991.3	1.32864 (05052124)	1.32812 (05052124)	1.33669 (06090524)	1.35149 (06090524)	1.35933 (06090524)
3757961.3	1.33256 (05052124)	1.33785 (05052124)	1.34239 (06090524)	1.35849 (06090524)	1.36736 (06090524)
3757931.3	1.33558 (05052124)	1.34672 (05052124)	1.34795 (06090524)	1.36530 (06090524)	1.37536 (06090524)
3757901.3	1.33765 (05052124)	1.35469 (05052124)	1.35350 (06090524)	1.37192 (06090524)	1.38320 (06090524)
3757871.3	1.33875 (05052124)	1.36191 (05052124)	1.35877 (06090524)	1.37853 (06090524)	1.39084 (06090524)
3757841.3	1.33896 (05052124)	1.36823 (05052124)	1.36400 (06090524)	1.38492 (06090524)	1.39853 (06090524)
3757811.3	1.33816 (05052124)	1.37355 (05052124)	1.37100 (05052124)	1.39128 (06090524)	1.40607 (06090524)
3757781.3	1.33760 (06091124)	1.37792 (05052124)	1.38161 (05052124)	1.39752 (06090524)	1.41360 (06090524)
3757751.3	1.36082 (06091124)	1.38141 (05052124)	1.39134 (05052124)	1.40346 (06090524)	1.42114 (06090524)
3757721.3	1.38441 (06091124)	1.38391 (05052124)	1.40014 (05052124)	1.40949 (06090524)	1.42839 (06090524)
3757691.3	1.40848 (06091124)	1.38538 (05052124)	1.40802 (05052124)	1.41537 (06090524)	1.43559 (06090524)
3757661.3	1.43281 (06091124)	1.38580 (05052124)	1.41502 (05052124)	1.42105 (06090524)	1.44268 (06090524)
3757631.3	1.45713 (06091124)	1.38522 (05052124)	1.42101 (05052124)	1.42664 (06090524)	1.44949 (06090524)
3757601.3	1.48158 (06091124)	1.39452 (06091124)	1.42598 (05052124)	1.43189 (06090524)	1.45628 (06090524)
3757571.3	1.50643 (06091124)	1.41918 (06091124)	1.42993 (05052124)	1.43840 (05052124)	1.46283 (06090524)
3757541.3	1.53163 (06091124)	1.44433 (06091124)	1.43288 (05052124)	1.44812 (05052124)	1.46923 (06090524)
3757511.3	1.55703 (06091124)	1.46985 (06091124)	1.43477 (05052124)	1.45683 (05052124)	1.47566 (06090524)
3757481.3	1.58257 (06091124)	1.49555 (06091124)	1.43547 (05052124)	1.46452 (05052124)	1.48191 (06090524)
3757451.3	1.60832 (06091124)	1.52135 (06091124)	1.43512 (05052124)	1.47123 (05052124)	1.48805 (06090524)
3757421.3	1.63432 (06091124)	1.54736 (06091124)	1.45539 (06091124)	1.47689 (05052124)	1.49395 (06090524)
3757391.3	1.66045 (06091124)	1.57369 (06091124)	1.48169 (06091124)	1.48135 (05052124)	1.49957 (06090524)
3757361.3	1.68664 (06091124)	1.60033 (06091124)	1.50838 (06091124)	1.48479 (05052124)	1.50500 (06090524)
3757331.3	1.71285 (06091124)	1.62722 (06091124)	1.53538 (06091124)	1.48713 (05052124)	1.51019 (06090524)
3757301.3	1.73925 (06091124)	1.65433 (06091124)	1.56266 (06091124)	1.48822 (05052124)	1.51698 (05052124)
3757271.3	1.76571 (06091124)	1.68169 (06091124)	1.59011 (06091124)	1.49310 (06091124)	1.52445 (05052124)
*** AERMOD - VERSION 09292 ***	*** Site 17 - PM10				10/26/10
					17:09:02
					PAGE 18

**MODELOPTs: NonDEFAULT CONC
 FLAT
 NODRYDPLT NOWETDPLT
 *** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,
 *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
 ** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372420.44	372450.44	X-COORD (METERS) 372480.44	372510.44	372540.44
3757241.3	1.79228 (06091124)	1.70917 (06091124)	1.61783 (06091124)	1.52062 (06091124)	1.53082 (05052124)
3757211.3	1.81893 (06091124)	1.73681 (06091124)	1.64574 (06091124)	1.54862 (06091124)	1.53595 (05052124)
3757181.3	1.84555 (06091124)	1.76458 (06091124)	1.67395 (06091124)	1.57695 (06091124)	1.53992 (05052124)

Site #17 - Localized PM10 Concentrations

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3757151.3 | 1.87211 (06091124) 1.79243 (06091124) 1.70253 (06091124) 1.60559 (06091124) 1.54275 (05052124)
3757121.3 | 1.89866 (06091124) 1.82032 (06091124) 1.73136 (06091124) 1.63458 (06091124) 1.54426 (05052124)
3757091.3 | 1.92515 (06091124) 1.84827 (06091124) 1.76035 (06091124) 1.66385 (06091124) 1.56134 (06091124)
3757061.3 | 1.95155 (06091124) 1.87637 (06091124) 1.78945 (06091124) 1.69337 (06091124) 1.59068 (06091124)
3757031.3 | 1.97769 (06091124) 1.90451 (06091124) 1.81880 (06091124) 1.72306 (06091124) 1.62047 (06091124)
3757001.3 | 2.00363 (06091124) 1.93260 (06091124) 1.84832 (06091124) 1.75311 (06091124) 1.65054 (06091124)
3756971.3 | 2.02940 (06091124) 1.96069 (06091124) 1.87785 (06091124) 1.78348 (06091124) 1.68100 (06091124)
*** AERMOD - VERSION 09292 *** *** Site 17 - PM10 ***
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**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT
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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREAL ,
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
** CONC OF PM10. IN MICROGRAMS/M**3 **
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Y-COORD (METERS)	372570.44	372600.44	X-COORD (METERS) 372630.44	372660.44	372690.44
3758441.3	1.22163 (06090524)	1.23070 (07072724)	1.25234 (07072724)	1.24168 (07072724)	1.28712 (07090824)
3758411.3	1.23091 (06090524)	1.23196 (07072724)	1.25773 (07072724)	1.25106 (07072724)	1.28287 (07090824)
3758381.3	1.24021 (06090524)	1.23277 (07072724)	1.26274 (07072724)	1.26003 (07072724)	1.27817 (07090824)
3758351.3	1.24946 (06090524)	1.23312 (07072724)	1.26724 (07072724)	1.26864 (07072724)	1.27306 (07090824)
3758321.3	1.25868 (06090524)	1.24264 (06090524)	1.27125 (07072724)	1.27683 (07072724)	1.26766 (07090824)
3758291.3	1.26793 (06090524)	1.25253 (06090524)	1.27481 (07072724)	1.28461 (07072724)	1.26190 (07090824)
3758261.3	1.27721 (06090524)	1.26246 (06090524)	1.27789 (07072724)	1.29192 (07072724)	1.27166 (07072724)
3758231.3	1.28652 (06090524)	1.27244 (06090524)	1.28038 (07072724)	1.29874 (07072724)	1.28259 (07072724)
3758201.3	1.29576 (06090524)	1.28246 (06090524)	1.28230 (07072724)	1.30519 (07072724)	1.29311 (07072724)
3758171.3	1.30489 (06090524)	1.29247 (06090524)	1.28375 (07072724)	1.31116 (07072724)	1.30318 (07072724)
3758141.3	1.31406 (06090524)	1.30244 (06090524)	1.28474 (07072724)	1.31652 (07072724)	1.31283 (07072724)
3758111.3	1.32326 (06090524)	1.31244 (06090524)	1.29435 (06090524)	1.32133 (07072724)	1.32216 (07072724)
3758081.3	1.33249 (06090524)	1.32246 (06090524)	1.30508 (06090524)	1.32567 (07072724)	1.33118 (07072724)
3758051.3	1.34175 (06090524)	1.33250 (06090524)	1.31587 (06090524)	1.32966 (07072724)	1.33965 (07072724)
3758021.3	1.35076 (06090524)	1.34258 (06090524)	1.32666 (06090524)	1.33303 (07072724)	1.34753 (07072724)
3757991.3	1.35970 (06090524)	1.35252 (06090524)	1.33749 (06090524)	1.33570 (07072724)	1.35491 (07072724)
3757961.3	1.36871 (06090524)	1.36239 (06090524)	1.34827 (06090524)	1.33777 (07072724)	1.36193 (07072724)
3757931.3	1.37765 (06090524)	1.37239 (06090524)	1.35904 (06090524)	1.33942 (07072724)	1.36849 (07072724)
3757901.3	1.38661 (06090524)	1.38236 (06090524)	1.36994 (06090524)	1.34954 (06090524)	1.37433 (07072724)
3757871.3	1.39551 (06090524)	1.39237 (06090524)	1.38085 (06090524)	1.36120 (06090524)	1.37952 (07072724)
3757841.3	1.40441 (06090524)	1.40240 (06090524)	1.39173 (06090524)	1.37293 (06090524)	1.38429 (07072724)
3757811.3	1.41308 (06090524)	1.41213 (06090524)	1.40265 (06090524)	1.38461 (06090524)	1.38863 (07072724)
3757781.3	1.42190 (06090524)	1.42190 (06090524)	1.41339 (06090524)	1.39634 (06090524)	1.39230 (07072724)
3757751.3	1.43056 (06090524)	1.43170 (06090524)	1.42414 (06090524)	1.40802 (06090524)	1.39522 (07072724)
3757721.3	1.43920 (06090524)	1.44135 (06090524)	1.43501 (06090524)	1.41971 (06090524)	1.39755 (07072724)
3757691.3	1.44753 (06090524)	1.45104 (06090524)	1.44581 (06090524)	1.43159 (06090524)	1.40858 (06090524)
3757661.3	1.45583 (06090524)	1.46058 (06090524)	1.45666 (06090524)	1.44345 (06090524)	1.42129 (06090524)
3757631.3	1.46417 (06090524)	1.47005 (06090524)	1.46747 (06090524)	1.45528 (06090524)	1.43402 (06090524)
3757601.3	1.47229 (06090524)	1.47966 (06090524)	1.47812 (06090524)	1.46712 (06090524)	1.44671 (06090524)
3757571.3	1.48043 (06090524)	1.48915 (06090524)	1.48882 (06090524)	1.47883 (06090524)	1.45943 (06090524)
3757541.3	1.48846 (06090524)	1.49855 (06090524)	1.49946 (06090524)	1.49059 (06090524)	1.47210 (06090524)
3757511.3	1.49631 (06090524)	1.50781 (06090524)	1.50993 (06090524)	1.50237 (06090524)	1.48487 (06090524)
3757481.3	1.50409 (06090524)	1.51689 (06090524)	1.52037 (06090524)	1.51409 (06090524)	1.49779 (06090524)
3757451.3	1.51165 (06090524)	1.52594 (06090524)	1.53071 (06090524)	1.52582 (06090524)	1.51072 (06090524)
3757421.3	1.51901 (06090524)	1.53489 (06090524)	1.54105 (06090524)	1.53755 (06090524)	1.52359 (06090524)
3757391.3	1.52622 (06090524)	1.54368 (06090524)	1.55142 (06090524)	1.54921 (06090524)	1.53643 (06090524)
3757361.3	1.53323 (06090524)	1.55242 (06090524)	1.56166 (06090524)	1.56087 (06090524)	1.54930 (06090524)
3757331.3	1.54016 (06090524)	1.56106 (06090524)	1.57180 (06090524)	1.57246 (06090524)	1.56214 (06090524)
3757301.3	1.54699 (06090524)	1.56956 (06090524)	1.58188 (06090524)	1.58386 (06090524)	1.57496 (06090524)
3757271.3	1.55367 (06090524)	1.57794 (06090524)	1.59179 (06090524)	1.59521 (06090524)	1.58771 (06090524)

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*** AERMOD - VERSION 09292 *** *** Site 17 - PM10 ***
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**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT
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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREAL ,
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
** CONC OF PM10. IN MICROGRAMS/M**3 **
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Y-COORD (METERS)	372570.44	372600.44	X-COORD (METERS) 372630.44	372660.44	372690.44
3757241.3	1.56018 (06090524)	1.58606 (06090524)	1.60160 (06090524)	1.60649 (06090524)	1.60041 (06090524)
3757211.3	1.56642 (06090524)	1.59402 (06090524)	1.61126 (06090524)	1.61770 (06090524)	1.61323 (06090524)
3757181.3	1.57244 (06090524)	1.60176 (06090524)	1.62075 (06090524)	1.62893 (06090524)	1.62596 (06090524)
3757151.3	1.57818 (06090524)	1.60929 (06090524)	1.63024 (06090524)	1.64002 (06090524)	1.63863 (06090524)
3757121.3	1.58362 (06090524)	1.61677 (06090524)	1.63957 (06090524)	1.65106 (06090524)	1.65125 (06090524)
3757091.3	1.58886 (06090524)	1.62405 (06090524)	1.64873 (06090524)	1.66199 (06090524)	1.66375 (06090524)
3757061.3	1.59382 (06090524)	1.63112 (06090524)	1.65776 (06090524)	1.67274 (06090524)	1.67620 (06090524)
3757031.3	1.59860 (06090524)	1.63800 (06090524)	1.66655 (06090524)	1.68343 (06090524)	1.68848 (06090524)
3757001.3	1.60311 (06090524)	1.64462 (06090524)	1.67515 (06090524)	1.69396 (06090524)	1.70065 (06090524)
3756971.3	1.60722 (06090524)	1.65108 (06090524)	1.68348 (06090524)	1.70433 (06090524)	1.71284 (06090524)

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*** AERMOD - VERSION 09292 *** *** Site 17 - PM10 ***
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**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT
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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREAL ,
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
** CONC OF PM10. IN MICROGRAMS/M**3 **
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Y-COORD (METERS)	372720.44	372750.44	X-COORD (METERS) 372780.44	372810.44	372840.44
3758441.3	1.37376 (07090824)	1.43317 (07090824)	1.46215 (07090824)	1.45972 (07090824)	1.42791 (07090824)
3758411.3	1.37288 (07090824)	1.43597 (07090824)	1.46864 (07090824)	1.46943 (07090824)	1.44022 (07090824)
3758381.3	1.37168 (07090824)	1.43847 (07090824)	1.47486 (07090824)	1.47888 (07090824)	1.45237 (07090824)
3758351.3	1.37015 (07090824)	1.44068 (07090824)	1.48064 (07090824)	1.48808 (07090824)	1.46433 (07090824)
3758321.3	1.36827 (07090824)	1.44238 (07090824)	1.48607 (07090824)	1.49697 (07090824)	1.47612 (07090824)
3758291.3	1.36589 (07090824)	1.44358 (07090824)	1.49114 (07090824)	1.50560 (07090824)	1.48767 (07090824)

Site #17 – Localized PM₁₀ Concentrations

3758261.3	1.36293 (07090824)	1.44442 (07090824)	1.49579 (07090824)	1.51389 (07090824)	1.49900 (07090824)
3758231.3	1.35954 (07090824)	1.44484 (07090824)	1.50006 (07090824)	1.52178 (07090824)	1.51015 (07090824)
3758201.3	1.35575 (07090824)	1.44485 (07090824)	1.50385 (07090824)	1.52942 (07090824)	1.52115 (07090824)
3758171.3	1.35157 (07090824)	1.44435 (07090824)	1.50729 (07090824)	1.53685 (07090824)	1.53197 (07090824)
3758141.3	1.34688 (07090824)	1.44342 (07090824)	1.51048 (07090824)	1.54402 (07090824)	1.54259 (07090824)
3758111.3	1.34173 (07090824)	1.44221 (07090824)	1.51337 (07090824)	1.55087 (07090824)	1.55299 (07090824)
3758081.3	1.33628 (07090824)	1.44071 (07090824)	1.51585 (07090824)	1.55734 (07090824)	1.56322 (07090824)
3758051.3	1.33053 (07090824)	1.43876 (07090824)	1.51785 (07090824)	1.56350 (07090824)	1.57328 (07090824)
3758021.3	1.32486 (07072724)	1.43625 (07090824)	1.51945 (07090824)	1.56937 (07090824)	1.58307 (07090824)
3757991.3	1.31917 (07072724)	1.43326 (07090824)	1.52069 (07090824)	1.57489 (07090824)	1.59240 (07090824)
3757961.3	1.31350 (07072724)	1.42986 (07090824)	1.52152 (07090824)	1.57984 (07090824)	1.60132 (07090824)
3757931.3	1.30783 (07072724)	1.42604 (07090824)	1.52176 (07090824)	1.58423 (07090824)	1.60996 (07090824)
3757901.3	1.30216 (07072724)	1.42160 (07090824)	1.52134 (07090824)	1.58824 (07090824)	1.61830 (07090824)
3757871.3	1.29649 (07072724)	1.41650 (07090824)	1.52049 (07090824)	1.59189 (07090824)	1.62636 (07090824)
3757841.3	1.29082 (07072724)	1.41099 (07090824)	1.51929 (07090824)	1.59520 (07090824)	1.63398 (07090824)
3757811.3	1.28515 (07072724)	1.40517 (07090824)	1.51772 (07090824)	1.59803 (07090824)	1.64110 (07090824)
3757781.3	1.27948 (07072724)	1.39895 (07090824)	1.51564 (07090824)	1.60029 (07090824)	1.64797 (07090824)
3757751.3	1.27381 (07072724)	1.39273 (07072724)	1.51293 (07090824)	1.60221 (07090824)	1.65455 (07090824)
3757721.3	1.26814 (07072724)	1.40735 (07072724)	1.50984 (07090824)	1.60377 (07090824)	1.66078 (07090824)
3757691.3	1.26247 (07072724)	1.41937 (07072724)	1.50636 (07090824)	1.60485 (07090824)	1.66650 (07090824)
3757661.3	1.25680 (07072724)	1.43076 (07072724)	1.50232 (07090824)	1.60536 (07090824)	1.67169 (07090824)
3757631.3	1.25113 (07072724)	1.44174 (07072724)	1.49763 (07090824)	1.60526 (07090824)	1.67644 (07090824)
3757601.3	1.24546 (07072724)	1.45233 (07072724)	1.49234 (07090824)	1.60466 (07090824)	1.68081 (07090824)
3757571.3	1.23979 (07072724)	1.46240 (07072724)	1.48659 (07090824)	1.60362 (07090824)	1.68466 (07090824)
3757541.3	1.23412 (07072724)	1.47188 (07072724)	1.48036 (07090824)	1.60198 (07090824)	1.68796 (07090824)
3757511.3	1.22845 (07072724)	1.48075 (07072724)	1.47351 (07090824)	1.59973 (07090824)	1.69075 (07090824)
3757481.3	1.22278 (06090524)	1.48904 (07072724)	1.47104 (07072724)	1.59699 (07090824)	1.69308 (07090824)
3757451.3	1.21711 (06090524)	1.49671 (07072724)	1.48408 (07072724)	1.59380 (07090824)	1.69493 (07090824)
3757421.3	1.21144 (06090524)	1.50375 (07072724)	1.49669 (07072724)	1.59003 (07090824)	1.69618 (07090824)
3757391.3	1.20577 (06090524)	1.51020 (07072724)	1.50880 (07072724)	1.58559 (07090824)	1.69681 (07090824)
3757361.3	1.20010 (06090524)	1.51593 (07072724)	1.52023 (07072724)	1.58056 (07090824)	1.69700 (07090824)
3757331.3	1.19443 (06090524)	1.52091 (07072724)	1.53111 (07072724)	1.57509 (07090824)	1.69671 (07090824)
3757301.3	1.18876 (06090524)	1.52522 (07072724)	1.54151 (07072724)	1.56905 (07090824)	1.69574 (07090824)
3757271.3	1.18309 (06090524)	1.53964 (06090524)	1.55138 (07072724)	1.56232 (07090824)	1.69410 (07090824)

*** AERMOD - VERSION 09292 *** *** Site 17 - PM10 ***
 10/26/10
 17:09:02 ***

**MODELOPTs: NonDEFAULT CONC FLAT PAGE 22
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOLL , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372720.44	372750.44	X-COORD (METERS) 372780.44	372810.44	372840.44
3757241.3	1.58313 (06090524)	1.55475 (06090524)	1.56047 (07072724)	1.55494 (07090824)	1.69192 (07090824)
3757211.3	1.59716 (06090524)	1.56988 (06090524)	1.56878 (07072724)	1.55406 (07072724)	1.68929 (07090824)
3757181.3	1.61123 (06090524)	1.58502 (06090524)	1.57647 (07072724)	1.56785 (07072724)	1.68601 (07090824)
3757151.3	1.62533 (06090524)	1.60015 (06090524)	1.58366 (07072724)	1.58120 (07072724)	1.68190 (07090824)
3757121.3	1.63932 (06090524)	1.61539 (06090524)	1.58999 (07072724)	1.59380 (07072724)	1.67708 (07090824)
3757091.3	1.65330 (06090524)	1.63062 (06090524)	1.59610 (06090524)	1.60564 (07072724)	1.67178 (07090824)
3757061.3	1.66720 (06090524)	1.64588 (06090524)	1.61261 (06090524)	1.61700 (07072724)	1.66590 (07090824)
3757031.3	1.68114 (06090524)	1.66123 (06090524)	1.62910 (06090524)	1.62783 (07072724)	1.65928 (07090824)
3757001.3	1.69514 (06090524)	1.67663 (06090524)	1.64562 (06090524)	1.63787 (07072724)	1.65193 (07090824)
3756971.3	1.70899 (06090524)	1.69209 (06090524)	1.66219 (06090524)	1.64704 (07072724)	1.64410 (07090824)

*** AERMOD - VERSION 09292 *** *** Site 17 - PM10 ***
 10/26/10
 17:09:02 ***

**MODELOPTs: NonDEFAULT CONC FLAT PAGE 23
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOLL , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372870.44	372900.44	X-COORD (METERS) 372930.44	372960.44	372990.44
3758441.3	1.41946 (07091824)	1.44894 (07091824)	1.44652 (07091824)	1.42418 (07030724)	1.44481 (05082924)
3758411.3	1.42247 (07091824)	1.45517 (07091824)	1.45563 (07091824)	1.43221 (07030724)	1.45151 (05082924)
3758381.3	1.42522 (07091824)	1.46123 (07091824)	1.46456 (07091824)	1.44018 (07030724)	1.45793 (05082924)
3758351.3	1.42778 (07091824)	1.46710 (07091824)	1.47327 (07091824)	1.44813 (07030724)	1.46434 (05082924)
3758321.3	1.43012 (07091824)	1.47272 (07091824)	1.48179 (07091824)	1.45675 (07091824)	1.47067 (05082924)
3758291.3	1.44054 (07090824)	1.47809 (07091824)	1.49014 (07091824)	1.46783 (07091824)	1.47693 (05082924)
3758261.3	1.45430 (07090824)	1.48321 (07091824)	1.49837 (07091824)	1.47881 (07091824)	1.48308 (05082924)
3758231.3	1.46795 (07090824)	1.48809 (07091824)	1.50644 (07091824)	1.48965 (07091824)	1.48910 (05082924)
3758201.3	1.48155 (07090824)	1.49276 (07091824)	1.51429 (07091824)	1.50036 (07091824)	1.49501 (05082924)
3758171.3	1.49507 (07090824)	1.49718 (07091824)	1.52189 (07091824)	1.51092 (07091824)	1.50086 (05082924)
3758141.3	1.50850 (07090824)	1.50124 (07091824)	1.52928 (07091824)	1.52136 (07091824)	1.50860 (07030724)
3758111.3	1.52187 (07090824)	1.50497 (07091824)	1.53644 (07091824)	1.53170 (07091824)	1.51782 (07030724)
3758081.3	1.53518 (07090824)	1.50844 (07091824)	1.54339 (07091824)	1.54196 (07091824)	1.52704 (07030724)
3758051.3	1.54833 (07090824)	1.51165 (07091824)	1.55016 (07091824)	1.55199 (07091824)	1.53620 (07030724)
3758021.3	1.56121 (07090824)	1.51460 (07091824)	1.55670 (07091824)	1.56182 (07091824)	1.54532 (07030724)
3757991.3	1.57387 (07090824)	1.52291 (07090824)	1.56295 (07091824)	1.57146 (07091824)	1.55442 (07030724)
3757961.3	1.58634 (07090824)	1.53808 (07090824)	1.56900 (07091824)	1.58091 (07091824)	1.56355 (07030724)
3757931.3	1.59862 (07090824)	1.55315 (07090824)	1.57480 (07091824)	1.59016 (07091824)	1.57276 (07030724)
3757901.3	1.61069 (07090824)	1.56803 (07090824)	1.58037 (07091824)	1.59923 (07091824)	1.58203 (07030724)
3757871.3	1.62244 (07090824)	1.58272 (07090824)	1.58569 (07091824)	1.60806 (07091824)	1.59137 (07030724)
3757841.3	1.63384 (07090824)	1.59732 (07090824)	1.59064 (07091824)	1.61665 (07091824)	1.60262 (07091824)
3757811.3	1.64508 (07090824)	1.61183 (07090824)	1.59523 (07091824)	1.62504 (07091824)	1.61438 (07091824)
3757781.3	1.65614 (07090824)	1.62630 (07090824)	1.59954 (07091824)	1.63320 (07091824)	1.62599 (07091824)
3757751.3	1.66701 (07090824)	1.64060 (07090824)	1.60357 (07091824)	1.64113 (07091824)	1.63742 (07091824)
3757721.3	1.67750 (07090824)	1.65469 (07090824)	1.60732 (07091824)	1.64878 (07091824)	1.64862 (07091824)
3757691.3	1.68760 (07090824)	1.66856 (07090824)	1.61319 (07090824)	1.65608 (07091824)	1.65970 (07091824)
3757661.3	1.69737 (07090824)	1.68228 (07090824)	1.62990 (07090824)	1.66315 (07091824)	1.67060 (07091824)
3757631.3	1.70686 (07090824)	1.69583 (07090824)	1.64652 (07090824)	1.67001 (07091824)	1.68132 (07091824)
3757601.3	1.71600 (07090824)	1.70907 (07090824)	1.66297 (07090824)	1.67660 (07091824)	1.69185 (07091824)
3757571.3	1.72464 (07090824)	1.72197 (07090824)	1.67925 (07090824)	1.68293 (07091824)	1.70209 (07091824)
3757541.3	1.73284 (07090824)	1.73459 (07090824)	1.69533 (07090824)	1.68885 (07091824)	1.71204 (07091824)
3757511.3	1.74067 (07090824)	1.74690 (07090824)	1.71129 (07090824)	1.69441 (07091824)	1.72176 (07091824)
3757481.3	1.74807 (07090824)	1.75894 (07090824)	1.72709 (07090824)	1.69968 (07091824)	1.73131 (07091824)
3757451.3	1.75501 (07090824)	1.77060 (07090824)	1.74269 (07090824)	1.70465 (07091824)	1.74063 (07091824)
3757421.3	1.76141 (07090824)	1.78190 (07090824)	1.75814 (07090824)	1.70935 (07091824)	1.74967 (07091824)
3757391.3	1.76736 (07090824)	1.79292 (07090824)	1.77345 (07090824)	1.71554 (07090824)	1.75833 (07030724)

Site #17 – Localized PM₁₀ Concentrations

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3757361.3 | 1.77295 (07090824) 1.80362 (07090824) 1.78847 (07090824) 1.73139 (07090824) 1.76670 (07091824)
3757331.3 | 1.77800 (07090824) 1.81383 (07090824) 1.80319 (07090824) 1.74958 (07090824) 1.77483 (07091824)
3757301.3 | 1.78246 (07090824) 1.82359 (07090824) 1.81762 (07090824) 1.76765 (07090824) 1.78269 (07091824)
3757271.3 | 1.78634 (07090824) 1.83292 (07090824) 1.83183 (07090824) 1.78562 (07090824) 1.79025 (07091824)
*** AERMOD - VERSION 09292 *** *** Site 17 - PM10 ***
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10/26/10
17:09:02
PAGE 24

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**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 372870.44 372900.44 372930.44 372960.44 372990.44
-----|-----
3757241.3 | 1.78981 (07090824) 1.84194 (07090824) 1.84582 (07090824) 1.80350 (07090824) 1.79735 (07091824)
3757211.3 | 1.79288 (07090824) 1.85061 (07090824) 1.85948 (07090824) 1.82114 (07090824) 1.80404 (07091824)
3757181.3 | 1.79521 (07090824) 1.85858 (07090824) 1.87263 (07090824) 1.83857 (07090824) 1.81181 (07030724)
3757151.3 | 1.79673 (07090824) 1.86591 (07090824) 1.88540 (07090824) 1.85585 (07090824) 1.82141 (07030724)
3757121.3 | 1.79763 (07090824) 1.87278 (07090824) 1.89787 (07090824) 1.87299 (07090824) 1.83097 (07030724)
3757091.3 | 1.79807 (07090824) 1.87921 (07090824) 1.90999 (07090824) 1.88995 (07090824) 1.84049 (07030724)
3757061.3 | 1.79793 (07090824) 1.88508 (07090824) 1.92159 (07090824) 1.90656 (07090824) 1.84998 (07030724)
3757031.3 | 1.79702 (07090824) 1.89021 (07090824) 1.93258 (07090824) 1.92270 (07090824) 1.86434 (07090824)
3757001.3 | 1.79533 (07090824) 1.89469 (07090824) 1.94308 (07090824) 1.93853 (07090824) 1.88427 (07090824)
3756971.3 | 1.79321 (07090824) 1.89875 (07090824) 1.95323 (07090824) 1.95414 (07090824) 1.90408 (07090824)
*** AERMOD - VERSION 09292 *** *** Site 17 - PM10 ***
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10/26/10
17:09:02
PAGE 25

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**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 373020.44 373050.44 373080.44 373110.44 373140.44
-----|-----
3758441.3 | 1.44870 (05082924) 1.42475 (05082924) 1.37251 (05082924) 1.32463 (07030724) 1.37128 (07050924)
3758411.3 | 1.45741 (05082924) 1.43526 (05082924) 1.38433 (05082924) 1.33437 (07030724) 1.37662 (07050924)
3758381.3 | 1.46604 (05082924) 1.44566 (05082924) 1.39613 (05082924) 1.34427 (07030724) 1.38204 (07050924)
3758351.3 | 1.47455 (05082924) 1.45595 (05082924) 1.40799 (05082924) 1.35433 (07030724) 1.38750 (07050924)
3758321.3 | 1.48295 (05082924) 1.46619 (05082924) 1.41989 (05082924) 1.36453 (07030724) 1.39302 (07050924)
3758291.3 | 1.49127 (05082924) 1.47640 (05082924) 1.43186 (05082924) 1.37482 (07030724) 1.39856 (07050924)
3758261.3 | 1.49949 (05082924) 1.48662 (05082924) 1.44387 (05082924) 1.38516 (07030724) 1.40411 (07050924)
3758231.3 | 1.50764 (05082924) 1.49684 (05082924) 1.45585 (05082924) 1.39556 (07030724) 1.40966 (07050924)
3758201.3 | 1.51574 (05082924) 1.50707 (05082924) 1.46781 (05082924) 1.40604 (07030724) 1.41520 (07050924)
3758171.3 | 1.52376 (05082924) 1.51731 (05082924) 1.47975 (05082924) 1.41665 (07030724) 1.42073 (07050924)
3758141.3 | 1.53175 (05082924) 1.52749 (05082924) 1.49171 (05082924) 1.42738 (07030724) 1.42621 (07050924)
3758111.3 | 1.53966 (05082924) 1.53756 (05082924) 1.50366 (05082924) 1.43834 (05082924) 1.43166 (07050924)
3758081.3 | 1.54747 (05082924) 1.54554 (05082924) 1.51554 (05082924) 1.45181 (05082924) 1.43707 (07050924)
3758051.3 | 1.55519 (05082924) 1.55747 (05082924) 1.52738 (05082924) 1.46535 (05082924) 1.44247 (07050924)
3758021.3 | 1.56283 (05082924) 1.56735 (05082924) 1.53927 (05082924) 1.47890 (05082924) 1.44788 (07050924)
3757991.3 | 1.57039 (05082924) 1.57715 (05082924) 1.55125 (05082924) 1.49249 (05082924) 1.45333 (07050924)
3757961.3 | 1.57783 (05082924) 1.58690 (05082924) 1.56324 (05082924) 1.50616 (05082924) 1.45885 (07050924)
3757931.3 | 1.58515 (05082924) 1.59664 (05082924) 1.57521 (05082924) 1.51982 (05082924) 1.46445 (07050924)
3757901.3 | 1.59235 (05082924) 1.60637 (05082924) 1.58716 (05082924) 1.53347 (05082924) 1.47577 (07030724)
3757871.3 | 1.59946 (05082924) 1.61602 (05082924) 1.59906 (05082924) 1.54709 (05082924) 1.48740 (07030724)
3757841.3 | 1.60643 (05082924) 1.62555 (05082924) 1.61086 (05082924) 1.56071 (05082924) 1.49923 (07030724)
3757811.3 | 1.61327 (05082924) 1.63493 (05082924) 1.62254 (05082924) 1.57439 (05082924) 1.51121 (07030724)
3757781.3 | 1.62187 (07030724) 1.64416 (05082924) 1.63408 (05082924) 1.58807 (05082924) 1.52334 (07030724)
3757751.3 | 1.63229 (07030724) 1.65329 (05082924) 1.64556 (05082924) 1.60181 (05082924) 1.53562 (07030724)
3757721.3 | 1.64272 (07030724) 1.66234 (05082924) 1.65709 (05082924) 1.61553 (05082924) 1.54804 (07030724)
3757691.3 | 1.65316 (07030724) 1.67135 (05082924) 1.66870 (05082924) 1.62927 (05082924) 1.56061 (07030724)
3757661.3 | 1.66361 (07030724) 1.68036 (05082924) 1.68029 (05082924) 1.64301 (05082924) 1.57327 (07030724)
3757631.3 | 1.67408 (07030724) 1.68929 (05082924) 1.69185 (05082924) 1.65677 (05082924) 1.58596 (07030724)
3757601.3 | 1.68458 (07030724) 1.69810 (05082924) 1.70333 (05082924) 1.67054 (05082924) 1.59995 (05082924)
3757571.3 | 1.69509 (07030724) 1.70677 (05082924) 1.71473 (05082924) 1.68429 (05082924) 1.61563 (05082924)
3757541.3 | 1.70570 (07030724) 1.71526 (05082924) 1.72603 (05082924) 1.69805 (05082924) 1.63146 (05082924)
3757511.3 | 1.71641 (07030724) 1.72356 (05082924) 1.73716 (05082924) 1.71186 (05082924) 1.64736 (05082924)
3757481.3 | 1.72722 (07030724) 1.73170 (05082924) 1.74814 (05082924) 1.72563 (05082924) 1.66324 (05082924)
3757451.3 | 1.73804 (07030724) 1.73969 (05082924) 1.75906 (05082924) 1.73929 (05082924) 1.67904 (05082924)
3757421.3 | 1.74885 (07030724) 1.75009 (07030724) 1.76997 (05082924) 1.75286 (05082924) 1.69476 (05082924)
3757391.3 | 1.75969 (07030724) 1.76203 (07030724) 1.78082 (05082924) 1.76637 (05082924) 1.71043 (05082924)
3757361.3 | 1.77052 (07030724) 1.77400 (07030724) 1.79162 (05082924) 1.77985 (05082924) 1.72610 (05082924)
3757331.3 | 1.78130 (07030724) 1.78595 (07030724) 1.80236 (05082924) 1.79332 (05082924) 1.74180 (05082924)
3757301.3 | 1.79310 (07091824) 1.79792 (07030724) 1.81302 (05082924) 1.80676 (05082924) 1.75759 (05082924)
3757271.3 | 1.80501 (07091824) 1.80990 (07030724) 1.82350 (05082924) 1.82017 (05082924) 1.77352 (05082924)
*** AERMOD - VERSION 09292 *** *** Site 17 - PM10 ***
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10/26/10
17:09:02
PAGE 26

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**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 373020.44 373050.44 373080.44 373110.44 373140.44
-----|-----
3757241.3 | 1.81658 (07091824) 1.82194 (07030724) 1.83377 (05082924) 1.83361 (05082924) 1.78960 (05082924)
3757211.3 | 1.82790 (07091824) 1.83406 (07030724) 1.84386 (05082924) 1.84700 (05082924) 1.80575 (05082924)
3757181.3 | 1.83900 (07091824) 1.84625 (07030724) 1.85387 (05082924) 1.86029 (05082924) 1.82186 (05082924)
3757151.3 | 1.84988 (07091824) 1.85853 (07030724) 1.86375 (05082924) 1.87345 (05082924) 1.83786 (05082924)
3757121.3 | 1.86051 (07091824) 1.87093 (07030724) 1.87350 (05082924) 1.88647 (05082924) 1.85377 (05082924)
3757091.3 | 1.87075 (07091824) 1.88344 (07030724) 1.88306 (05082924) 1.89938 (05082924) 1.86961 (05082924)
3757061.3 | 1.88067 (07091824) 1.89598 (07030724) 1.89586 (07030724) 1.91221 (05082924) 1.88541 (05082924)
3757031.3 | 1.89167 (07030724) 1.90852 (07030724) 1.90961 (07030724) 1.92498 (05082924) 1.90116 (05082924)
3757001.3 | 1.90270 (07030724) 1.92105 (07030724) 1.92348 (07030724) 1.93772 (05082924) 1.91700 (05082924)

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Site #17 – Localized PM₁₀ Concentrations

3756971.3 | 1.91375 (07030724) 1.93359 (07030724) 1.93735 (07030724) 1.95046 (05082924) 1.93294 (05082924)
 *** AERMOD - VERSION 09292 *** *** Site 17 - PM10 ***

 10/26/10
 17:09:02
 PAGE 27

**MODELOPTs: NonDEFAULT CONC

FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	373170.44	373200.44	X-COORD (METERS) 373230.44	373260.44	373290.44
3758441.3	1.44170 (07050924)	1.51576 (07050924)	1.59077 (07050924)	1.68516 (06060324)	1.87313 (06060324)
3758411.3	1.44743 (07050924)	1.52219 (07050924)	1.59784 (07050924)	1.68302 (06060324)	1.87246 (06060324)
3758381.3	1.45321 (07050924)	1.52858 (07050924)	1.60499 (07050924)	1.68340 (07050924)	1.87165 (06060324)
3758351.3	1.45908 (07050924)	1.53493 (07050924)	1.61220 (07050924)	1.69130 (07050924)	1.87073 (06060324)
3758321.3	1.46503 (07050924)	1.54129 (07050924)	1.61947 (07050924)	1.69918 (07050924)	1.86978 (06060324)
3758291.3	1.47106 (07050924)	1.54768 (07050924)	1.62680 (07050924)	1.70705 (07050924)	1.86883 (06060324)
3758261.3	1.47715 (07050924)	1.55413 (07050924)	1.63421 (07050924)	1.71493 (07050924)	1.86788 (06060324)
3758231.3	1.48332 (07050924)	1.56063 (07050924)	1.64170 (07050924)	1.72287 (07050924)	1.86693 (06060324)
3758201.3	1.48954 (07050924)	1.56721 (07050924)	1.64923 (07050924)	1.73089 (07050924)	1.86597 (06060324)
3758171.3	1.49580 (07050924)	1.57387 (07050924)	1.65680 (07050924)	1.73899 (07050924)	1.86501 (06060324)
3758141.3	1.50206 (07050924)	1.58062 (07050924)	1.66440 (07050924)	1.74721 (07050924)	1.86405 (06060324)
3758111.3	1.50834 (07050924)	1.58750 (07050924)	1.67203 (07050924)	1.75555 (07050924)	1.86308 (06060324)
3758081.3	1.51462 (07050924)	1.59449 (07050924)	1.67966 (07050924)	1.76403 (07050924)	1.86211 (06060324)
3758051.3	1.52088 (07050924)	1.60158 (07050924)	1.68729 (07050924)	1.77265 (07050924)	1.86109 (06060324)
3758021.3	1.52713 (07050924)	1.60879 (07050924)	1.69493 (07050924)	1.78137 (07050924)	1.86033 (07050924)
3757991.3	1.53336 (07050924)	1.61607 (07050924)	1.70260 (07050924)	1.79015 (07050924)	1.87780 (07050924)
3757961.3	1.53959 (07050924)	1.62338 (07050924)	1.71032 (07050924)	1.79897 (07050924)	1.88739 (07050924)
3757931.3	1.54585 (07050924)	1.63070 (07050924)	1.71808 (07050924)	1.80784 (07050924)	1.89707 (07050924)
3757901.3	1.55211 (07050924)	1.63799 (07050924)	1.72594 (07050924)	1.81676 (07050924)	1.90683 (07050924)
3757871.3	1.55842 (07050924)	1.64525 (07050924)	1.73386 (07050924)	1.82570 (07050924)	1.91665 (07050924)
3757841.3	1.56478 (07050924)	1.65247 (07050924)	1.74184 (07050924)	1.83464 (07050924)	1.92655 (07050924)
3757811.3	1.57120 (07050924)	1.65964 (07050924)	1.74989 (07050924)	1.84365 (07050924)	1.93652 (07050924)
3757781.3	1.57769 (07050924)	1.66681 (07050924)	1.75799 (07050924)	1.85274 (07050924)	1.94651 (07050924)
3757751.3	1.58422 (07050924)	1.67403 (07050924)	1.76615 (07050924)	1.86187 (07050924)	1.95653 (07050924)
3757721.3	1.59079 (07050924)	1.68130 (07050924)	1.77434 (07050924)	1.87103 (07050924)	1.96662 (07050924)
3757691.3	1.59737 (07050924)	1.68862 (07050924)	1.78254 (07050924)	1.88023 (07050924)	1.97679 (07050924)
3757661.3	1.60397 (07050924)	1.69600 (07050924)	1.79080 (07050924)	1.88947 (07050924)	1.98706 (07050924)
3757631.3	1.61061 (07050924)	1.70344 (07050924)	1.79912 (07050924)	1.89876 (07050924)	1.99742 (07050924)
3757601.3	1.61726 (07050924)	1.71093 (07050924)	1.80749 (07050924)	1.90807 (07050924)	2.00786 (07050924)
3757571.3	1.62391 (07050924)	1.71844 (07050924)	1.81595 (07050924)	1.91736 (07050924)	2.01841 (07050924)
3757541.3	1.63059 (07050924)	1.72595 (07050924)	1.82449 (07050924)	1.92668 (07050924)	2.02904 (07050924)
3757511.3	1.63730 (07050924)	1.73348 (07050924)	1.83311 (07050924)	1.93604 (07050924)	2.03976 (07050924)
3757481.3	1.64407 (07050924)	1.74104 (07050924)	1.84181 (07050924)	1.94544 (07050924)	2.05053 (07050924)
3757451.3	1.65087 (07050924)	1.74861 (07050924)	1.85060 (07050924)	1.95491 (07050924)	2.06135 (07050924)
3757421.3	1.65765 (07050924)	1.75619 (07050924)	1.85948 (07050924)	1.96449 (07050924)	2.07226 (07050924)
3757391.3	1.66442 (07050924)	1.76384 (07050924)	1.86843 (07050924)	1.97420 (07050924)	2.08328 (07050924)
3757361.3	1.67119 (07050924)	1.77158 (07050924)	1.87742 (07050924)	1.98408 (07050924)	2.09438 (07050924)
3757331.3	1.67794 (07050924)	1.77941 (07050924)	1.88641 (07050924)	1.99413 (07050924)	2.10557 (07050924)
3757301.3	1.68467 (07030724)	1.78733 (07050924)	1.89540 (07050924)	2.00435 (07050924)	2.11683 (07050924)
3757271.3	1.70137 (07030724)	1.79536 (07050924)	1.90440 (07050924)	2.01475 (07050924)	2.12819 (07050924)

*** AERMOD - VERSION 09292 *** *** Site 17 - PM10 ***

 10/26/10
 17:09:02
 PAGE 28

**MODELOPTs: NonDEFAULT CONC

FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	373170.44	373200.44	X-COORD (METERS) 373230.44	373260.44	373290.44
3757241.3	1.71592 (07030724)	1.80346 (07050924)	1.91339 (07050924)	2.02529 (07050924)	2.13962 (07050924)
3757211.3	1.73057 (07030724)	1.81162 (07050924)	1.92238 (07050924)	2.03590 (07050924)	2.15114 (07050924)
3757181.3	1.74537 (07030724)	1.81979 (07050924)	1.93140 (07050924)	2.04652 (07050924)	2.16275 (07050924)
3757151.3	1.76032 (07030724)	1.82798 (07050924)	1.94050 (07050924)	2.05710 (07050924)	2.17447 (07050924)
3757121.3	1.77545 (07030724)	1.83618 (07050924)	1.94973 (07050924)	2.06766 (07050924)	2.18632 (07050924)
3757091.3	1.79355 (05082924)	1.84436 (07050924)	1.95903 (07050924)	2.07821 (07050924)	2.19829 (07050924)
3757061.3	1.81166 (05082924)	1.85255 (07050924)	1.96844 (07050924)	2.08873 (07050924)	2.21038 (07050924)
3757031.3	1.82988 (05082924)	1.86075 (07050924)	1.97789 (07050924)	2.09926 (07050924)	2.22258 (07050924)
3757001.3	1.84824 (05082924)	1.86894 (07050924)	1.98740 (07050924)	2.10986 (07050924)	2.23488 (07050924)
3756971.3	1.86671 (05082924)	1.87713 (07050924)	1.99696 (07050924)	2.12060 (07050924)	2.24723 (07050924)

*** AERMOD - VERSION 09292 *** *** Site 17 - PM10 ***

 10/26/10
 17:09:02
 PAGE 29

**MODELOPTs: NonDEFAULT CONC

FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	373320.44	373350.44	X-COORD (METERS) 373380.44	373410.44	373440.44
3758441.3	2.03975 (06060324)	2.18111 (06060324)	2.28759 (06060324)	2.35341 (06060324)	2.37665 (06060324)
3758411.3	2.04074 (06060324)	2.18330 (06060324)	2.29160 (06060324)	2.35839 (06060324)	2.38282 (06060324)
3758381.3	2.04176 (06060324)	2.18550 (06060324)	2.29561 (06060324)	2.36340 (06060324)	2.38900 (06060324)
3758351.3	2.04279 (06060324)	2.18773 (06060324)	2.29965 (06060324)	2.36845 (06060324)	2.39517 (06060324)
3758321.3	2.04384 (06060324)	2.18997 (06060324)	2.30363 (06060324)	2.37353 (06060324)	2.40131 (06060324)
3758291.3	2.04482 (06060324)	2.19222 (06060324)	2.30754 (06060324)	2.37864 (06060324)	2.40743 (06060324)
3758261.3	2.04569 (06060324)	2.19450 (06060324)	2.31137 (06060324)	2.38379 (06060324)	2.41353 (06060324)
3758231.3	2.04645 (06060324)	2.19679 (06060324)	2.31512 (06060324)	2.38898 (06060324)	2.41961 (06060324)
3758201.3	2.04708 (06060324)	2.19911 (06060324)	2.31880 (06060324)	2.39421 (06060324)	2.42566 (06060324)
3758171.3	2.04760 (06060324)	2.20144 (06060324)	2.32241 (06060324)	2.39947 (06060324)	2.43174 (06060324)
3758141.3	2.04800 (06060324)	2.20379 (06060324)	2.32595 (06060324)	2.40477 (06060324)	2.43785 (06060324)
3758111.3	2.04828 (06060324)	2.20616 (06060324)	2.32950 (06060324)	2.41011 (06060324)	2.44401 (06060324)

Site #17 – Localized PM₁₀ Concentrations

3758081.3	2.04855 (06060324)	2.20854 (06060324)	2.33309 (06060324)	2.41548 (06060324)	2.45021 (06060324)
3758051.3	2.04883 (06060324)	2.21094 (06060324)	2.33670 (06060324)	2.42090 (06060324)	2.45646 (06060324)
3758021.3	2.04912 (06060324)	2.21325 (06060324)	2.34034 (06060324)	2.42631 (06060324)	2.46275 (06060324)
3757991.3	2.04940 (06060324)	2.21545 (06060324)	2.34400 (06060324)	2.43167 (06060324)	2.46908 (06060324)
3757961.3	2.04970 (06060324)	2.21755 (06060324)	2.34770 (06060324)	2.43698 (06060324)	2.47547 (06060324)
3757931.3	2.05000 (06060324)	2.21954 (06060324)	2.35142 (06060324)	2.44223 (06060324)	2.48189 (06060324)
3757901.3	2.05030 (06060324)	2.22142 (06060324)	2.35518 (06060324)	2.44742 (06060324)	2.48836 (06060324)
3757871.3	2.05062 (06060324)	2.22319 (06060324)	2.35896 (06060324)	2.45256 (06060324)	2.49488 (06060324)
3757841.3	2.05094 (06060324)	2.22488 (06060324)	2.36277 (06060324)	2.45765 (06060324)	2.50145 (06060324)
3757811.3	2.05124 (06060324)	2.22658 (06060324)	2.36661 (06060324)	2.46276 (06060324)	2.50807 (06060324)
3757781.3	2.05144 (06060324)	2.22830 (06060324)	2.37049 (06060324)	2.46789 (06060324)	2.51473 (06060324)
3757751.3	2.05150 (06060324)	2.23004 (06060324)	2.37435 (06060324)	2.47306 (06060324)	2.52145 (06060324)
3757721.3	2.06032 (07050924)	2.23179 (06060324)	2.37813 (06060324)	2.47825 (06060324)	2.52821 (06060324)
3757691.3	2.07143 (07050924)	2.23355 (06060324)	2.38181 (06060324)	2.48346 (06060324)	2.53502 (06060324)
3757661.3	2.08268 (07050924)	2.23534 (06060324)	2.38541 (06060324)	2.48869 (06060324)	2.54181 (06060324)
3757631.3	2.09409 (07050924)	2.23714 (06060324)	2.38890 (06060324)	2.49395 (06060324)	2.54855 (06060324)
3757601.3	2.10565 (07050924)	2.23895 (06060324)	2.39230 (06060324)	2.49923 (06060324)	2.55526 (06060324)
3757571.3	2.11734 (07050924)	2.24079 (06060324)	2.39561 (06060324)	2.50454 (06060324)	2.56193 (06060324)
3757541.3	2.12912 (07050924)	2.24263 (06060324)	2.39889 (06060324)	2.50989 (06060324)	2.56856 (06060324)
3757511.3	2.14100 (07050924)	2.24436 (06060324)	2.40219 (06060324)	2.51528 (06060324)	2.57515 (06060324)
3757481.3	2.15297 (07050924)	2.25045 (07050924)	2.40553 (06060324)	2.52072 (06060324)	2.58172 (06060324)
3757451.3	2.16498 (07050924)	2.26361 (07050924)	2.40889 (06060324)	2.52620 (06060324)	2.58833 (06060324)
3757421.3	2.17701 (07050924)	2.27696 (07050924)	2.41228 (06060324)	2.53166 (06060324)	2.59499 (06060324)
3757391.3	2.18908 (07050924)	2.29054 (07050924)	2.41570 (06060324)	2.53705 (06060324)	2.60170 (06060324)
3757361.3	2.20123 (07050924)	2.30431 (07050924)	2.41916 (06060324)	2.54237 (06060324)	2.60847 (06060324)
3757331.3	2.21350 (07050924)	2.31824 (07050924)	2.42264 (06060324)	2.54761 (06060324)	2.61529 (06060324)
3757301.3	2.22589 (07050924)	2.33228 (07050924)	2.42610 (06060324)	2.55278 (06060324)	2.62217 (06060324)
3757271.3	2.23843 (07050924)	2.34638 (07050924)	2.43006 (07050924)	2.55787 (06060324)	2.62910 (06060324)

*** AERMOD - VERSION 09292 *** *** Site 17 - PM10 ***
 10/26/10
 17:09:02

 **MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT
 PAGE 30

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,
 *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
 ** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	373320.44	373350.44	X-COORD (METERS) 373380.44	373410.44	373440.44
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3757241.3	2.25119 (07050924)	2.36054 (07050924)	2.45848 (07050924)	2.56290 (06060324)	2.63608 (06060324)
3757211.3	2.26416 (07050924)	2.37475 (07050924)	2.47405 (07050924)	2.56794 (06060324)	2.64312 (06060324)
3757181.3	2.27734 (07050924)	2.38899 (07050924)	2.48976 (07050924)	2.57773 (07050924)	2.65022 (06060324)
3757151.3	2.29069 (07050924)	2.40328 (07050924)	2.50561 (07050924)	2.59475 (07050924)	2.66596 (07050924)
3757121.3	2.30415 (07050924)	2.41766 (07050924)	2.52160 (07050924)	2.61195 (07050924)	2.68408 (07050924)
3757091.3	2.31769 (07050924)	2.43217 (07050924)	2.53773 (07050924)	2.62929 (07050924)	2.70247 (07050924)
3757061.3	2.33127 (07050924)	2.44686 (07050924)	2.55398 (07050924)	2.64677 (07050924)	2.72112 (07050924)
3757031.3	2.34488 (07050924)	2.46173 (07050924)	2.57031 (07050924)	2.66444 (07050924)	2.74001 (07050924)
3757001.3	2.35851 (07050924)	2.47678 (07050924)	2.58675 (07050924)	2.68231 (07050924)	2.75913 (07050924)
3756971.3	2.37219 (07050924)	2.49201 (07050924)	2.60332 (07050924)	2.70038 (07050924)	2.77847 (07050924)

*** AERMOD - VERSION 09292 *** *** Site 17 - PM10 ***
 10/26/10
 17:09:02

 **MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT
 PAGE 31

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,
 *** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***
 ** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372437.24	372558.96	X-COORD (METERS) 372680.68	372802.40	372924.12
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3751945.8	11.77971 (07071924)	17.37014 (06062824)	18.22985 (06062824)	15.58584 (05082524)	15.36003 (05101024)
3751834.1	10.89807 (06071424)	14.22062 (07071924)	21.04824 (06062824)	18.87671 (06062824)	17.53701 (05101024)
3751722.5	13.29990 (07021124)	12.92451 (06071424)	17.21411 (07071924)	25.11604 (06062824)	20.29144 (05082524)
3751610.9	15.56519 (06110124)	14.76368 (07021124)	15.47740 (06071424)	20.86618 (07071924)	29.27212 (06062824)
3751499.2	21.67545 (06110124)	21.42814 (06110124)	16.99214 (05030524)	18.75933 (06071424)	27.66778 (06062824)
3751387.6	18.65387 (07091324)	21.68911 (06110124)	27.48966 (06110124)	20.17640 (05030524)	23.10539 (06071424)
3751276.0	16.70557 (07091324)	22.39500 (07091324)	24.34348 (07091324)	32.18031 (06110124)	29.93168 (06110124)
3751164.4	21.75847 (07020624)	22.41592 (07020624)	23.49250 (07020624)	31.06272 (07091324)	33.95395 (06110124)
3751052.7	20.99504 (07030624)	25.16874 (07020624)	30.58298 (07020624)	37.18151 (07020624)	45.27889 (07020624)
3750941.1	23.74635 (05122624)	27.17277 (05122624)	30.74173 (05122624)	36.24151 (07030624)	44.38236 (07030624)
3750829.5	27.27837 (05122624)	32.93918 (05122624)	40.57320 (05122624)	51.08290 (05122624)	65.76915 (05122624)
3750717.8	31.21199 (06110924)	36.44300 (06110924)	43.30214 (06110924)	54.05782m (05012424)	74.95180m (05012424)
3750606.2	35.52581m (05012424)	43.76214m (05012424)	52.73716m (05012424)	61.38674 (06012524)	78.95597 (06012524)
3750494.6	36.44092 (06012524)	42.88575 (06012524)	48.06979 (06012524)	53.58022 (05120724)	70.92079 (05121124)
3750382.9	31.55857c (06111824)	37.58167 (06020124)	43.80178 (06020124)	53.99422 (06122024)	67.94214 (07123024)
3750271.3	32.45398 (06020124)	37.97936 (06122024)	45.72824 (06111624)	51.79979 (07123024)	66.86034 (05111224)
3750159.7	31.80030 (06111624)	39.13931 (06111624)	40.38431 (05111224)	53.31100 (05111224)	57.22295 (05110924)
3750048.1	31.53674 (07123024)	36.02688 (05111224)	43.30567 (05111224)	45.20358 (05100924)	46.95652 (05122924)
3749936.4	31.86496 (05111224)	35.77445 (05111224)	36.65048 (05100924)	37.20364 (05100924)	38.26900 (05122924)
3749824.8	30.00758 (05111224)	30.33056 (05100924)	32.43270 (05100924)	32.54804 (05122924)	26.77688 (06030424)
3749713.2	25.52237 (05100924)	28.40712 (05100924)	28.60469 (05060724)	25.28015 (05122924)	22.77067 (05112824)

*** AERMOD - VERSION 09292 *** *** Site 17 - PM10 ***
 10/26/10
 17:09:02

 **MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT
 PAGE 32

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,
 *** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***
 ** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	373045.84	373167.56	X-COORD (METERS) 373289.28	373411.00	373532.72
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3751945.8	19.33849 (06090524)	22.89510 (06090524)	19.35728 (06091124)	18.48154 (06091124)	27.82129 (07050924)
3751834.1	15.80562 (06090524)	26.80379 (06090524)	22.48777 (06090524)	22.48856 (06091124)	31.09607 (07050924)
3751722.5	19.33363 (05101024)	27.93124 (06090524)	29.28334 (06090524)	27.14402 (06091124)	35.03726 (07050924)
3751610.9	22.18770 (05082524)	25.25205 (06090524)	36.91583 (06090524)	32.53118 (06091124)	39.86225 (07050924)

Site #17 – Localized PM₁₀ Concentrations

3751499.2	32.93743 (06062824)	25.31129 (05101024)	42.47282 (06090524)	43.91246 (06090524)	45.91316 (07050924)
3751387.6	37.70752 (06062824)	36.62330 (05082524)	43.56866 (06090524)	60.66365 (06090524)	53.76332 (07050924)
3751276.0	29.14348 (06071424)	51.12969 (06062824)	39.13107 (06092824)	78.83850 (06090524)	64.48300 (07050924)
3751164.4	43.28658 (06110124)	41.16458m(05010924)	68.99238 (06062824)	94.49095 (06090524)	98.92266 (06090524)
3751052.7	46.97940 (07020624)	56.74266 (06110124)	67.80756m(05010924)	109.20483 (06062824)	179.56450 (06090524)
3750941.1	56.86423 (07020624)	84.11705 (07020624)	111.16548 (07020624)	188.15836 (05021824)	387.55637 (06090524)
3750829.5	86.42984 (05122624)	115.97236 (05122624)	163.93262 (06010124)	377.90328 (07112524)	1426.46483 (06121424)
3750717.8	103.47739m(05012424)	141.79826m(05012424)	214.86682m(05012424)	404.49584 (07010324)	1445.17317 (05120824)
3750606.2	97.72593 (06012524)	139.54238 (05121124)	201.75244 (05121124)	292.83055 (05120824)	350.69219 (07081524)
3750494.6	93.14804 (05121124)	123.58762 (05110524)	156.06924 (05120824)	145.62812 (06121824)	230.02097 (07081524)
3750382.9	85.68580 (05110524)	103.48226 (05100924)	96.94566 (05122924)	98.03294 (06010524)	173.41098 (07081524)
3750271.3	75.03056 (05100924)	78.25544 (05122924)	69.38160 (06120424)	70.09926 (05020424)	137.91634 (07081524)
3750159.7	60.69705 (05122924)	45.66572 (05112824)	55.41932 (06120424)	53.40416 (05020424)	112.44515 (07081524)
3750048.1	43.38143 (05122924)	41.73379 (06120424)	41.35783 (05020424)	40.61033 (06112824)	93.46679 (07081524)
3749936.4	31.28485 (05112824)	36.57489 (06120424)	37.80752 (05020424)	33.96984 (05102624)	79.26215 (07081524)
3749824.8	28.07645 (06120424)	29.59698 (06120424)	32.19262 (05020424)	31.94952 (07081524)	68.51385 (07081524)
3749713.2	25.95997 (06120424)	24.82444 (05020424)	26.35401 (05020424)	30.18972 (07081524)	60.20510 (07081524)

*** AERMOD - VERSION 09292 *** Site 17 - PM10 *** 10/26/10
 *** 17:09:02 ***
 PAGE 33

***MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

*** CONC OF PM10. IN MICROGRAMS/M**3 ***

Y-COORD | X-COORD (METERS)
 (METERS) | 373654.44 373776.16 373897.88 374019.60 374141.32

3751945.8	23.32937 (07083124)	27.51462 (07083124)	24.02757 (07083124)	22.28921 (05052624)	22.59522 (07071524)
3751834.1	27.86151 (07083124)	32.20335 (07083124)	25.17669 (07083124)	23.31791 (05052624)	30.73047 (07071524)
3751722.5	34.04647 (07083124)	37.54839 (07083124)	30.02423 (05052624)	29.07522 (07071524)	33.37739 (07071524)
3751610.9	42.69955 (07083124)	43.41605 (07083124)	35.43085 (05052624)	41.26943 (07071524)	27.05289 (07071524)
3751499.2	54.95442 (07083124)	49.36149 (07083124)	39.41329 (07071524)	44.35718 (07071524)	31.50296 (07092824)
3751387.6	72.38966 (07083124)	59.05148 (07083124)	59.24286 (07071524)	37.73769 (07031824)	42.44710 (07092824)
3751276.0	97.34214 (07083124)	69.22635 (05052624)	64.80424 (07071524)	57.74665 (07092824)	68.20689 (06101024)
3751164.4	133.58717 (07083124)	97.62723 (07071524)	83.92982 (07092824)	105.45956 (06101024)	104.61732 (06101024)
3751052.7	195.06060 (07083124)	138.51861 (07031824)	177.18093 (06101024)	135.55157 (06101024)	80.50802 (06052024)
3750941.1	384.76474 (07083124)	327.04490 (06101024)	168.56519 (06052024)	115.66702 (05081824)	86.11254 (05081824)
3750829.5	1388.33456 (07111824)	283.81836 (05102324)	152.36327 (05102324)	95.22178 (05102324)	60.83999 (05102324)
3750717.8	1202.58412 (07013024)	247.16575 (06051424)	135.35006 (06060724)	93.58977 (06060724)	65.68688 (06060724)
3750606.2	267.28439 (07081524)	115.51493 (05012924)	80.06004 (05070424)	56.88457 (07110724)	52.42626 (07110724)
3750494.6	158.67060 (07081524)	70.16470 (05061324)	59.69192 (05012924)	51.61671 (06051424)	41.77681 (05070224)
3750382.9	115.74375 (07081524)	58.90868 (05120324)	39.69037 (05040924)	38.55252 (05012924)	39.24132 (06051424)
3750271.3	92.19645 (07081524)	47.56365 (05120324)	33.99861 (07021324)	29.97933 (07092724)	28.69476 (05082324)
3750159.7	77.07107 (07081524)	35.62526 (05120324)	30.13123 (05120324)	24.82442 (07090824)	24.48150 (07092724)
3750048.1	66.35568 (07081524)	28.75871 (07120824)	26.88230 (05120324)	21.95159 (07021324)	20.88742 (06071724)
3749936.4	58.21623 (07081524)	26.02272 (07120824)	22.10295 (05120324)	19.70368 (05081524)	23.27638 (07090824)
3749824.8	51.73362 (07081524)	23.19239 (07120824)	17.92003 (05091724)	19.19639 (05081524)	15.65789 (07090824)
3749713.2	46.40410 (07081524)	20.60458 (07120824)	18.06732 (05091724)	15.49381 (06072824)	14.34227 (05081524)

*** AERMOD - VERSION 09292 *** Site 17 - PM10 *** 10/26/10
 *** 17:09:02 ***
 PAGE 34

***MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

*** CONC OF PM10. IN MICROGRAMS/M**3 ***

Y-COORD | X-COORD (METERS)
 (METERS) | 374263.04 374384.76 374506.48 374628.20 374749.92

3751945.8	26.26411 (07071524)	13.98366 (07071524)	14.88375 (07092824)	17.59153 (07092824)	13.88891 (06081224)
3751834.1	22.77207 (07071524)	15.80585 (07031824)	20.34412 (07092824)	16.50547 (07092824)	18.02367 (06101024)
3751722.5	18.24331 (07031824)	23.48073 (07092824)	20.34106 (07092824)	22.00782 (06101024)	27.72543 (06101024)
3751610.9	27.10993 (07092824)	25.45806 (07092824)	27.51471 (06101024)	34.13720 (06101024)	33.77593 (06101024)
3751499.2	32.45750 (07092824)	35.48110 (06101024)	43.27510 (06101024)	41.87812 (06101024)	36.82585 (06101024)
3751387.6	47.74047 (06101024)	56.83298 (06101024)	52.15518 (06101024)	41.25310 (06101024)	28.03313 (06101024)
3751276.0	76.99939 (06101024)	62.91816 (06101024)	42.02466 (06101024)	32.41270 (06052024)	28.22260 (05090224)
3751164.4	69.93326 (06101024)	47.99728 (06052024)	40.86306 (05090224)	37.95979 (05081824)	35.39808 (05081824)
3751052.7	64.41002 (05081824)	57.71211 (05081824)	47.80250 (05081824)	37.72583 (05081824)	28.71755 (05081824)
3750941.1	60.61721 (05081824)	46.49861 (06050424)	39.22688 (06050424)	33.20011 (06050424)	28.07041 (06050424)
3750829.5	43.25783 (06050424)	30.01770 (07051524)	27.76177 (07051524)	23.25334 (07051524)	19.86194 (07051524)
3750717.8	51.46137 (07051524)	42.42012 (07051524)	35.28692 (07051524)	29.68015 (07051524)	25.26513 (07051524)
3750606.2	43.32605 (07110724)	34.86893 (06060724)	28.50878 (06060724)	23.94436 (06060724)	21.61195 (06060724)
3750494.6	30.92233 (05070224)	31.47198 (07110724)	29.51638 (07110724)	24.77766 (07110724)	19.26918 (07110724)
3750382.9	28.88878 (05070224)	27.79713 (05070224)	21.01941 (05070224)	20.13133 (07110724)	20.94530 (07110724)
3750271.3	29.65745 (06051424)	25.04864 (06051424)	21.62412 (05070224)	19.87614 (05070224)	15.46326 (05070224)
3750159.7	22.32005 (06052324)	23.68565 (05082324)	22.13431 (06051424)	15.66019 (05070224)	16.59523 (07051424)
3750048.1	19.42912 (07092724)	17.88811 (05082324)	20.12503 (05082324)	18.86177 (06051424)	15.06232 (06051424)
3749936.4	16.87143 (07092724)	15.07746 (07092724)	14.68325 (05082324)	17.20513 (05082324)	15.73165 (06051424)
3749824.8	21.54993 (07090824)	16.14786 (07092724)	11.78637 (05012924)	12.41561 (07013024)	14.80799 (05082324)
3749713.2	20.34910 (07090824)	16.48893 (07090824)	14.64018 (07092724)	10.09506 (05012924)	10.78451 (07013024)

*** AERMOD - VERSION 09292 *** Site 17 - PM10 *** 10/26/10
 *** 17:09:02 ***
 PAGE 35

***MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

*** CONC OF PM10. IN MICROGRAMS/M**3 ***

Y-COORD | X-COORD (METERS)
 (METERS) | 374871.64

3751945.8	15.04313 (06101024)
3751834.1	23.01778 (06101024)
3751722.5	27.81483 (06101024)
3751610.9	31.24255 (06101024)

Site #17 – Localized PM₁₀ Concentrations

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3751499.2 | 29.22214 (06101024)
3751387.6 | 23.63409 (06052024)
3751276.0 | 27.77153 (05090224)
3751164.4 | 31.37691 (05081824)
3751052.7 | 23.57798 (06050424)
3750941.1 | 23.71733 (06050424)
3750829.5 | 17.22992 (07051524)
3750717.8 | 21.75967 (07051524)
3750606.2 | 18.75834 (07051524)
3750494.6 | 15.73915 (07090724)
3750382.9 | 19.34703 (07110724)
3750271.3 | 13.44449 (07110724)
3750159.7 | 14.98694 (05070224)
3750048.1 | 13.00537 (05070224)
3749936.4 | 14.26097 (06051424)
3749824.8 | 12.98876 (06051424)
3749713.2 | 12.83639 (05082324)
*** AERMOD - VERSION 09292 ***      *** Site 17 - PM10
***                                     ***
***                                     ***      10/26/10
***                                     ***      17:09:02
***                                     ***      PAGE 36

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**MODELOPTs:  NonDEFAULT CONC          FLAT
                                         NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):  VOL1 , AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM10.    IN MICROGRAMS/M**3          **

X-COORD (M)  Y-COORD (M)    CONC    (YYMMDDHH)    X-COORD (M)  Y-COORD (M)    CONC    (YYMMDDHH)
-----
372647.17   3750290.48   42.02997 (06122024)   373224.49   3750294.52   75.44784 (05122924)
373809.89   3750290.48   45.80730 (05120324)   374411.43   3750290.48   21.78963 (05070224)
373842.19   3751158.48   82.87054 (07071524)   373822.00   3751416.86   50.55881 (05052624)
374060.20   3751340.15   48.95406 (07092824)
*** AERMOD - VERSION 09292 ***      *** Site 17 - PM10
***                                     ***
***                                     ***      10/26/10
***                                     ***      17:09:02
***                                     ***      PAGE 37

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**MODELOPTs:  NonDEFAULT CONC          FLAT
                                         NODRYDPLT NOWETDPLT

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

** CONC OF PM10.    IN MICROGRAMS/M**3          **

GROUP ID          AVERAGE CONC    DATE          RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)  OF TYPE  NETWORK
-----
ALL      HIGH 1ST HIGH VALUE IS  1445.17317  ON 05120824: AT ( 373532.72, 3750717.83, 10.00, 10.00, 0.00)  GC  UCART2

*** RECEPTOR TYPES:  GC = GRIDCART
                       GP = GRIDPOLR
                       DC = DISCCART
                       DP = DISCPOLR
*** AERMOD - VERSION 09292 ***      *** Site 17 - PM10
***                                     ***
***                                     ***      10/26/10
***                                     ***      17:09:02
***                                     ***      PAGE 38

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**MODELOPTs:  NonDEFAULT CONC          FLAT
                                         NODRYDPLT NOWETDPLT

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

----- Summary of Total Messages -----
A Total of          0 Fatal Error Message(s)
A Total of          0 Warning Message(s)
A Total of         152 Informational Message(s)

A Total of         26280 Hours Were Processed

A Total of          15 Calm Hours Identified

A Total of          137 Missing Hours Identified ( 0.52 Percent)

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

***** WARNING MESSAGES *****
*** NONE ***

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

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Operational Emission Calculations

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Operational Emissions

Crenshaw Vehicle Miles Traveled (VMT) Summary¹				
Scenario	Auto Regional VMT	Bus VMT	LRT VMT	Total Miles Traveled
NB	454,428,833	686,607	0	455,115,440
TSM	454,401,060	689,533	0	455,090,593
BRT	454,303,504	690,107	0	454,993,611
LRT	454,402,069	686,662	3,632	455,092,363

Crenshaw VMT Alternative Comparison				
Scenario	Auto Regional VMT	Bus VMT	LRT VMT	Total VMT
NB v. TSM	-27,773	2,926	0	-24,847
NB v. BRT	-125,329	3,500	0	-121,829
NB v. LRT	-26,764	54	3,632	-23,078

Automobile Emission Factors (grams/mile)						
Vehicle	VOC	CO	NO_x	SO_x	PM_{2.5}	PM₁₀
Auto ²	0.031	0.949	0.073	0.005	0.010	0.015
Bus ³	0.820	8.20	4.92	-	0.040	0.041

Light Rail Transit Emission Factors (pounds/megawatt-hour)						
Vehicle	VOC	CO	NO_x	SO_x	PM_{2.5}	PM₁₀
Light Rail	0.010	0.200	1.150	0.120	0.040	0.040

Regional Operational Emissions (pounds/day)						
Scenario	VOC	CO	NO_x	SO_x	PM_{2.5}	PM₁₀
NB v. TSM-BRT	3	-5	27	-0.3	-0.4	-0.7
NB v. BRT	-2	-199	18	-1.2	-2.5	-3.9
NB v. LRT ⁴	-1	-43	67	7.1	1.9	1.6

Regional Operational Emissions (tons/yr)						
Scenario	VOC	CO	NO_x	SO_x	PM_{2.5}	PM₁₀
NB v. TSM-BRT	0.6	-1	5	-0.1	-0.1	-0.1
NB v. BRT	-0.4	-36	3	-0.2	-0.4	-0.7
NB v. LRT	-0.3	-8	12	1.3	0.3	0.3

1 Vehicle miles traveled obtained from traffic analysis. Does not include Metrolink miles.

2 Auto emission factors obtained from EMFAC2007.

3 CNG emission factors obtained from CARB.

4 Assumes 17 kilowatt-hours per train mile.

Greenhouse Gas Emissions

Crenshaw Vehicle Miles Traveled (VMT) Summary¹				
Scenario	Auto Regional VMT	Bus VMT	LRT VMT	Total Miles Traveled
NB	454,428,833	686,607	0	455,115,440
TSM	454,401,060	689,533	0	455,090,593
BRT	454,303,504	690,107	0	454,993,611
LRT	454,402,069	686,662	3,632	455,092,363

Crenshaw VMT Alternative Comparison				
Scenario	Auto Regional VMT	Bus VMT	LRT VMT	Total VMT
NB v. TSM	-27,773	2,926	0	-24,847
NB v. BRT	-125,329	3,500	0	-121,829
NB v. LRT	-26,764	54	3,632	-23,078

Emission Factors (grams/mile)			Emission Factors (pounds/kilowatt-hour)		
Auto²		Bus³	Light Rail⁴		
CO₂	CH₄	CO₂ eq.	CO₂	CH₄	N₂O
548.358	0.013	3,275	0.805	0.0000067	0.0000037

GHG Emissions (tons/year)	
Scenario	GHG
NB v. TSM-BRT	-2,275
NB v. BRT	-23,053
NB v. LRT ⁵	3,249

1 Vehicle miles traveled obtained from traffic analysis. Urban rail miles are identical (18,156) for each alternative.

2 Auto emission factors obtained from EMFAC2007.

3 CNG emission factors obtained from CARB.

4 California Climate Action Registry, General Reporting Protocol, March 2007.

5 Assumes 17 kilowatt-hours per train mile.

Title : Crenshaw - Operational Emissions (GHG)
 Version : Emfac2007 V2.3 Nov 1 2006
 Run Date : 2008/09/17 16:13:52
 Scen Year: 2030 -- All model years in the range 1986 to 2030 selected
 Season : Annual
 Area : Los Angeles (SC)

 Year: 2030 -- Model Years 1986 to 2030 Inclusive -- Annual
 Emfac2007 Emission Factors: V2.3 Nov 1 2006

Los Angeles (SC) Los Angeles (SC) Los Angeles (SC)

Table 1: Running Exhaust Emissions (grams/mile)

Pollutant Name: Methane Temperature: 63F Relative Humidity: 66%

Speed	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
MPH							
23	0.009	0.016	0.018	0.015	0.030	0.192	0.013

Pollutant Name: Carbon Dioxide Temperature: 63F Relative Humidity: 66%

Speed	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
MPH							
23	401.212	514.282	701.026	1740.724	1797.938	158.982	548.358

Site #17 – Localized PM_{2.5} Concentrations

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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 6.7.1
** Lakes Environmental Software Inc.
** Date: 10/26/2010
** File: C:\Documents and Settings\jbailey\Desktop\Site 17\PM25.ADI
**
*****
**
**
** AERMOD Control Pathway
*****
**
**
CO STARTING
TITLEONE Site 17 - PM2.5
MODELOPT CONC NODRYDPLT NOWETDPLT FLAT
AVERTIME 24 ANNUAL
URBANOPT 9862049 Los_Angeles_County
POLLUTID PM2.5
RUNORNOT RUN
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION VOL1 VOLUME 373572.330 3750796.920 0.0
** DESCRSRC Equipment
LOCATION AREAL AREA 373477.189 3750692.718 0.0
** DESCRSRC Equipment
** Source Parameters **
SRCPARAM VOL1 0.0372 4.100 46.783 1.163
SRCPARAM AREAL 0.00001006 0.000 201.168 201.168 0.000
URBANSRC VOL1
URBANSRC AREAL
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
GRIDCART UCART1 STA
                XYINC 371970.44 50 30.00 3756971.30 50 30.00
GRIDCART UCART1 END
GRIDCART UCART2 STA
                XYINC 372437.24 21 121.72 3749713.16 21 111.63
GRIDCART UCART2 END
** DISCREC ** **
DISCCART 372647.17 3750290.48
DISCCART 373224.49 3750294.52
DISCCART 373809.89 3750290.48
DISCCART 374411.43 3750290.48
DISCCART 373842.19 3751158.48
DISCCART 373822.00 3751416.86
DISCCART 374060.20 3751340.15
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
SURFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC"
PROFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL"
SURFDATA 0 2005
UAIRDATA 3190 2005
PROFBASE 10 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 24 1ST
** Auto-Generated Plotfiles
PLOTFILE 24 ALL 1ST PM25.AD\24H1GALL.PLT
PLOTFILE ANNUAL ALL PM25.AD\AN00GALL.PLT
OU FINISHED

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

*** AERMOD - VERSION 09292 ***      *** Site 17 - PM2.5          ***      10/26/10
***                                     ***                               ***      17:26:09
***                                     ***                               ***      PAGE 1

**MODELOPTs:  NonDEFAULT CONC                FLAT
                NODRYDPLT NOWETDPLT

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

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

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

```

Site #17 – Localized PM_{2.5} Concentrations

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**Model Uses URBAN Dispersion Algorithm for the SBL for      2 Source(s),
for Total of      1 Urban Area(s):
Urban Population = 9862049.0 ; Urban Roughness Length = 1.000 m

**Model Allows User-Specified Options:
 1. Stack-tip Downwash.
 2. Model Assumes Receptors on FLAT Terrain.
 3. Use Calms Processing Routine.
 4. Use Missing Data Processing Routine.
 5. No Exponential Decay.
 6. Urban Roughness Length of 1.0 Meter Used.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates 1 Short Term Average(s) of: 24-HR
and Calculates ANNUAL Averages

**This Run Includes:      2 Source(s);      1 Source Group(s); and 2948 Receptor(s)

**The Model Assumes A Pollutant Type of: PM2.5

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

**Output Options Selected:
Model Outputs Tables of ANNUAL Averages by Receptor
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

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

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 10.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.8 MB of RAM.

*** AERMOD - VERSION 09292 ***      *** Site 17 - PM2.5      ***      10/26/10
***                                     ***                                     ***      17:26:09
***                                     ***                                     ***      PAGE 2

**MODELOPTs: NonDEFAULT CONC      FLAT
NODRYDPLT NOWETDPLT

*** VOLUME SOURCE DATA ***

SOURCE      NUMBER EMISSION RATE      BASE      RELEASE      INIT.      INIT.      URBAN      EMISSION RATE
ID          PART. (GRAMS/SEC)      X          Y          ELEV.      HEIGHT      SY          SZ          SOURCE      SCALAR VARY
(METERS)   (METERS) (METERS) (METERS) (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)
-----
VOL1        0      0.37200E-01      373572.3 3750796.9      10.0      4.10      46.78      1.16      YES
*** AERMOD - VERSION 09292 ***      *** Site 17 - PM2.5      ***      10/26/10
***                                     ***                                     ***      17:26:09
***                                     ***                                     ***      PAGE 3

**MODELOPTs: NonDEFAULT CONC      FLAT
NODRYDPLT NOWETDPLT

*** AREA SOURCE DATA ***

SOURCE      NUMBER EMISSION RATE      COORD (SW CORNER)      BASE      RELEASE      X-DIM      Y-DIM      ORIENT.      INIT.      URBAN      EMISSION RATE
ID          PART. (GRAMS/SEC)      X          Y          ELEV.      HEIGHT      OF AREA      OF AREA      OF AREA      SZ          SOURCE      SCALAR VARY
(METERS)   (METERS) (METERS) (METERS) (METERS) (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)
-----
AREAL       0      0.10060E-04      373477.2 3750692.7      10.0      0.00      201.17      201.17      0.00      0.00      YES
*** AERMOD - VERSION 09292 ***      *** Site 17 - PM2.5      ***      10/26/10
***                                     ***                                     ***      17:26:09
***                                     ***                                     ***      PAGE 4

**MODELOPTs: NonDEFAULT CONC      FLAT
NODRYDPLT NOWETDPLT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID      SOURCE IDs

ALL          VOL1 , AREAL ,
*** AERMOD - VERSION 09292 ***      *** Site 17 - PM2.5      ***      10/26/10
***                                     ***                                     ***      17:26:09
***                                     ***                                     ***      PAGE 5

**MODELOPTs: NonDEFAULT CONC      FLAT
NODRYDPLT NOWETDPLT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

371970.4, 372000.4, 372030.4, 372060.4, 372090.4, 372120.4, 372150.4, 372180.4, 372210.4, 372240.4,
372270.4, 372300.4, 372330.4, 372360.4, 372390.4, 372420.4, 372450.4, 372480.4, 372510.4, 372540.4,
372570.4, 372600.4, 372630.4, 372660.4, 372690.4, 372720.4, 372750.4, 372780.4, 372810.4, 372840.4,
372870.4, 372900.4, 372930.4, 372960.4, 372990.4, 373020.4, 373050.4, 373080.4, 373110.4, 373140.4,
373170.4, 373200.4, 373230.4, 373260.4, 373290.4, 373320.4, 373350.4, 373380.4, 373410.4, 373440.4,

*** Y-COORDINATES OF GRID ***
(METERS)

3756971.3, 3757001.3, 3757031.3, 3757061.3, 3757091.3, 3757121.3, 3757151.3, 3757181.3, 3757211.3, 3757241.3,
3757271.3, 3757301.3, 3757331.3, 3757361.3, 3757391.3, 3757421.3, 3757451.3, 3757481.3, 3757511.3, 3757541.3,
3757571.3, 3757601.3, 3757631.3, 3757661.3, 3757691.3, 3757721.3, 3757751.3, 3757781.3, 3757811.3, 3757841.3,
3757871.3, 3757901.3, 3757931.3, 3757961.3, 3757991.3, 3758021.3, 3758051.3, 3758081.3, 3758111.3, 3758141.3,
3758171.3, 3758201.3, 3758231.3, 3758261.3, 3758291.3, 3758321.3, 3758351.3, 3758381.3, 3758411.3, 3758441.3,

*** AERMOD - VERSION 09292 ***      *** Site 17 - PM2.5      ***      10/26/10
***                                     ***                                     ***      17:26:09

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Site #17 – Localized PM_{2.5} Concentrations

05 01 01	1 18	-0.6	0.028	-9.000	-9.000	-999.	11.	3.4	0.26	1.00	1.00	0.50	38.	9.1	285.4	5.5
05 01 01	1 19	-0.4	0.022	-9.000	-9.000	-999.	8.	2.8	0.26	1.00	1.00	0.40	261.	9.1	284.9	5.5
05 01 01	1 20	-0.4	0.022	-9.000	-9.000	-999.	8.	2.8	0.26	1.00	1.00	0.40	337.	9.1	284.9	5.5
05 01 01	1 21	-1.5	0.045	-9.000	-9.000	-999.	22.	5.5	0.26	1.00	1.00	0.80	12.	9.1	284.9	5.5
05 01 01	1 22	-1.5	0.045	-9.000	-9.000	-999.	22.	5.5	0.26	1.00	1.00	0.80	360.	9.1	284.9	5.5
05 01 01	1 23	-1.9	0.050	-9.000	-9.000	-999.	26.	6.2	0.26	1.00	1.00	0.90	46.	9.1	284.2	5.5
05 01 01	1 24	-1.5	0.045	-9.000	-9.000	-999.	22.	5.5	0.26	1.00	1.00	0.80	12.	9.1	284.2	5.5

First hour of profile data

YR MO DY HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
05 01 01 01	5.5	0	-999.	-99.00	282.6	99.0	-99.00	-99.00
05 01 01 01	9.1	1	52.	1.10	-999.0	99.0	-99.00	-99.00

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

*** AERMOD - VERSION 09292 *** *** Site 17 - PM2.5 *** 10/26/10
 *** *** *** 17:26:09
 *** *** *** PAGE 11

**MODELOPTs: NonDEFAULT CONC

FLAT
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	371970.44	372000.44	372030.44	372060.44	372090.44	372120.44	372150.44	372180.44	372210.44
3758441.30	0.01413	0.01420	0.01427	0.01435	0.01442	0.01443	0.01453	0.01463	0.01474
3758411.30	0.01420	0.01427	0.01435	0.01442	0.01451	0.01458	0.01460	0.01470	0.01482
3758381.30	0.01428	0.01435	0.01442	0.01450	0.01458	0.01468	0.01478	0.01489	0.01501
3758351.30	0.01436	0.01443	0.01450	0.01458	0.01466	0.01475	0.01485	0.01496	0.01509
3758321.30	0.01443	0.01451	0.01458	0.01466	0.01474	0.01483	0.01493	0.01504	0.01516
3758291.30	0.01451	0.01458	0.01466	0.01473	0.01482	0.01491	0.01501	0.01512	0.01524
3758261.30	0.01459	0.01466	0.01474	0.01481	0.01490	0.01499	0.01509	0.01519	0.01531
3758231.30	0.01467	0.01474	0.01482	0.01490	0.01498	0.01507	0.01516	0.01527	0.01539
3758201.30	0.01475	0.01482	0.01490	0.01498	0.01506	0.01515	0.01524	0.01535	0.01547
3758171.30	0.01483	0.01490	0.01498	0.01506	0.01514	0.01523	0.01533	0.01543	0.01555
3758141.30	0.01491	0.01499	0.01506	0.01514	0.01522	0.01531	0.01541	0.01551	0.01563
3758111.30	0.01499	0.01507	0.01515	0.01523	0.01531	0.01540	0.01549	0.01559	0.01571
3758081.30	0.01507	0.01515	0.01523	0.01531	0.01539	0.01548	0.01558	0.01568	0.01580
3758051.30	0.01515	0.01524	0.01532	0.01540	0.01548	0.01557	0.01566	0.01576	0.01588
3758021.30	0.01524	0.01532	0.01540	0.01548	0.01556	0.01565	0.01575	0.01585	0.01596
3757991.30	0.01532	0.01541	0.01549	0.01557	0.01565	0.01574	0.01583	0.01594	0.01605
3757961.30	0.01541	0.01549	0.01557	0.01566	0.01574	0.01583	0.01592	0.01603	0.01614
3757931.30	0.01549	0.01558	0.01566	0.01575	0.01583	0.01592	0.01601	0.01611	0.01623
3757901.30	0.01558	0.01566	0.01575	0.01584	0.01592	0.01601	0.01610	0.01620	0.01631
3757871.30	0.01566	0.01575	0.01584	0.01593	0.01601	0.01610	0.01619	0.01629	0.01640
3757841.30	0.01575	0.01584	0.01593	0.01602	0.01610	0.01619	0.01629	0.01639	0.01650
3757811.30	0.01584	0.01593	0.01602	0.01611	0.01620	0.01629	0.01638	0.01648	0.01659
3757781.30	0.01593	0.01602	0.01611	0.01620	0.01629	0.01638	0.01647	0.01657	0.01668
3757751.30	0.01602	0.01611	0.01620	0.01629	0.01638	0.01648	0.01657	0.01667	0.01678
3757721.30	0.01611	0.01620	0.01629	0.01638	0.01648	0.01657	0.01667	0.01677	0.01687
3757691.30	0.01620	0.01629	0.01638	0.01648	0.01657	0.01667	0.01676	0.01686	0.01697
3757661.30	0.01630	0.01639	0.01648	0.01658	0.01667	0.01677	0.01686	0.01696	0.01707
3757631.30	0.01639	0.01648	0.01658	0.01668	0.01677	0.01687	0.01696	0.01706	0.01717
3757601.30	0.01649	0.01658	0.01668	0.01677	0.01687	0.01697	0.01706	0.01716	0.01727
3757571.30	0.01658	0.01668	0.01677	0.01687	0.01697	0.01707	0.01716	0.01726	0.01737
3757541.30	0.01668	0.01678	0.01687	0.01697	0.01707	0.01717	0.01727	0.01737	0.01748
3757511.30	0.01678	0.01688	0.01697	0.01707	0.01717	0.01727	0.01737	0.01747	0.01758
3757481.30	0.01688	0.01698	0.01707	0.01717	0.01727	0.01737	0.01747	0.01758	0.01768
3757451.30	0.01699	0.01708	0.01718	0.01728	0.01738	0.01748	0.01758	0.01768	0.01779
3757421.30	0.01709	0.01718	0.01728	0.01738	0.01748	0.01758	0.01769	0.01779	0.01790
3757391.30	0.01720	0.01729	0.01738	0.01748	0.01759	0.01769	0.01779	0.01790	0.01801
3757361.30	0.01731	0.01739	0.01749	0.01759	0.01769	0.01780	0.01790	0.01801	0.01812
3757331.30	0.01742	0.01750	0.01760	0.01770	0.01780	0.01791	0.01801	0.01812	0.01823
3757301.30	0.01753	0.01761	0.01771	0.01781	0.01791	0.01802	0.01812	0.01823	0.01834
3757271.30	0.01764	0.01772	0.01782	0.01792	0.01802	0.01813	0.01824	0.01835	0.01846

*** AERMOD - VERSION 09292 *** *** Site 17 - PM2.5 *** 10/26/10
 *** *** *** 17:26:09
 *** *** *** PAGE 12

**MODELOPTs: NonDEFAULT CONC

FLAT
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	371970.44	372000.44	372030.44	372060.44	372090.44	372120.44	372150.44	372180.44	372210.44
3757241.30	0.01776	0.01784	0.01793	0.01803	0.01813	0.01824	0.01835	0.01846	0.01857
3757211.30	0.01788	0.01795	0.01804	0.01814	0.01825	0.01835	0.01846	0.01858	0.01869
3757181.30	0.01800	0.01807	0.01816	0.01826	0.01836	0.01847	0.01858	0.01869	0.01881
3757151.30	0.01813	0.01819	0.01828	0.01837	0.01848	0.01859	0.01870	0.01881	0.01893
3757121.30	0.01825	0.01832	0.01840	0.01849	0.01859	0.01870	0.01882	0.01893	0.01905
3757091.30	0.01838	0.01844	0.01852	0.01861	0.01871	0.01882	0.01894	0.01905	0.01917
3757061.30	0.01852	0.01857	0.01864	0.01873	0.01884	0.01894	0.01906	0.01917	0.01929
3757031.30	0.01865	0.01870	0.01877	0.01886	0.01896	0.01907	0.01918	0.01930	0.01942
3757001.30	0.01879	0.01884	0.01890	0.01899	0.01908	0.01919	0.01930	0.01942	0.01954
3756971.30	0.01894	0.01898	0.01904	0.01911	0.01921	0.01932	0.01943	0.01955	0.01967

*** AERMOD - VERSION 09292 *** *** Site 17 - PM2.5 *** 10/26/10
 *** *** *** 17:26:09
 *** *** *** PAGE 13

**MODELOPTs: NonDEFAULT CONC

FLAT
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	372240.44	372270.44	372300.44	372330.44	372360.44	372390.44	372420.44	372450.44	372480.44

Site #17 – Localized PM_{2.5} Concentrations

3758441.30	0.01500	0.01515	0.01530	0.01545	0.01562	0.01578	0.01595	0.01611	0.01627
3758411.30	0.01507	0.01522	0.01537	0.01553	0.01569	0.01586	0.01602	0.01619	0.01635
3758381.30	0.01515	0.01529	0.01544	0.01560	0.01576	0.01593	0.01610	0.01627	0.01643
3758351.30	0.01522	0.01536	0.01552	0.01567	0.01584	0.01601	0.01618	0.01635	0.01651
3758321.30	0.01530	0.01544	0.01559	0.01575	0.01591	0.01608	0.01626	0.01643	0.01660
3758291.30	0.01537	0.01551	0.01566	0.01582	0.01599	0.01616	0.01633	0.01651	0.01668
3758261.30	0.01545	0.01559	0.01574	0.01590	0.01607	0.01624	0.01641	0.01659	0.01676
3758231.30	0.01552	0.01567	0.01582	0.01598	0.01615	0.01632	0.01649	0.01667	0.01684
3758201.30	0.01560	0.01574	0.01589	0.01606	0.01622	0.01640	0.01657	0.01675	0.01693
3758171.30	0.01568	0.01582	0.01597	0.01613	0.01630	0.01648	0.01666	0.01684	0.01701
3758141.30	0.01576	0.01590	0.01605	0.01621	0.01638	0.01656	0.01674	0.01692	0.01710
3758111.30	0.01584	0.01598	0.01613	0.01629	0.01646	0.01664	0.01682	0.01700	0.01717
3758081.30	0.01592	0.01606	0.01621	0.01637	0.01654	0.01672	0.01690	0.01709	0.01727
3758051.30	0.01601	0.01614	0.01630	0.01646	0.01663	0.01680	0.01699	0.01717	0.01736
3758021.30	0.01609	0.01623	0.01638	0.01654	0.01671	0.01689	0.01707	0.01726	0.01745
3757991.30	0.01618	0.01631	0.01646	0.01662	0.01679	0.01697	0.01716	0.01735	0.01754
3757961.30	0.01626	0.01640	0.01655	0.01671	0.01688	0.01706	0.01724	0.01744	0.01763
3757931.30	0.01635	0.01648	0.01663	0.01679	0.01696	0.01714	0.01733	0.01752	0.01772
3757901.30	0.01644	0.01657	0.01672	0.01688	0.01705	0.01723	0.01742	0.01761	0.01781
3757871.30	0.01653	0.01666	0.01681	0.01697	0.01714	0.01732	0.01751	0.01770	0.01790
3757841.30	0.01662	0.01675	0.01690	0.01706	0.01723	0.01741	0.01760	0.01779	0.01799
3757811.30	0.01671	0.01684	0.01699	0.01715	0.01732	0.01750	0.01769	0.01789	0.01809
3757781.30	0.01680	0.01693	0.01708	0.01724	0.01741	0.01759	0.01778	0.01798	0.01818
3757751.30	0.01690	0.01703	0.01717	0.01733	0.01750	0.01768	0.01787	0.01807	0.01828
3757721.30	0.01699	0.01712	0.01726	0.01742	0.01759	0.01777	0.01797	0.01817	0.01837
3757691.30	0.01709	0.01722	0.01736	0.01752	0.01769	0.01787	0.01806	0.01826	0.01847
3757661.30	0.01719	0.01731	0.01746	0.01761	0.01778	0.01796	0.01815	0.01836	0.01857
3757631.30	0.01728	0.01741	0.01755	0.01771	0.01788	0.01806	0.01825	0.01845	0.01866
3757601.30	0.01739	0.01751	0.01765	0.01781	0.01797	0.01816	0.01835	0.01855	0.01876
3757571.30	0.01749	0.01761	0.01775	0.01791	0.01807	0.01825	0.01845	0.01865	0.01886
3757541.30	0.01759	0.01772	0.01785	0.01801	0.01817	0.01835	0.01855	0.01875	0.01897
3757511.30	0.01769	0.01782	0.01796	0.01811	0.01827	0.01845	0.01865	0.01885	0.01907
3757481.30	0.01780	0.01792	0.01806	0.01821	0.01838	0.01856	0.01875	0.01896	0.01917
3757451.30	0.01791	0.01803	0.01817	0.01832	0.01848	0.01866	0.01885	0.01906	0.01928
3757421.30	0.01801	0.01814	0.01827	0.01842	0.01859	0.01876	0.01896	0.01916	0.01938
3757391.30	0.01812	0.01825	0.01838	0.01853	0.01869	0.01887	0.01906	0.01927	0.01949
3757361.30	0.01823	0.01836	0.01849	0.01864	0.01880	0.01898	0.01917	0.01938	0.01960
3757331.30	0.01835	0.01847	0.01860	0.01875	0.01891	0.01909	0.01928	0.01949	0.01971
3757301.30	0.01846	0.01858	0.01871	0.01886	0.01902	0.01920	0.01939	0.01960	0.01982
3757271.30	0.01857	0.01870	0.01883	0.01897	0.01913	0.01931	0.01950	0.01971	0.01993

*** AERMOD - VERSION 09292 *** *** Site 17 - PM2.5 *** 10/26/10
 *** *** *** 17:26:09
 *** *** *** PAGE 14

***MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372240.44	372270.44	372300.44	372330.44	372360.44	372390.44	372420.44	372450.44	372480.44
3757241.30	0.01869	0.01883	0.01894	0.01909	0.01925	0.01942	0.01961	0.01982	0.02004
3757211.30	0.01881	0.01893	0.01906	0.01920	0.01936	0.01954	0.01973	0.01993	0.02015
3757181.30	0.01892	0.01905	0.01918	0.01932	0.01948	0.01965	0.01984	0.02005	0.02027
3757151.30	0.01904	0.01917	0.01930	0.01944	0.01960	0.01977	0.01996	0.02017	0.02039
3757121.30	0.01917	0.01929	0.01942	0.01956	0.01972	0.01989	0.02008	0.02028	0.02050
3757091.30	0.01929	0.01941	0.01954	0.01969	0.01984	0.02001	0.02020	0.02040	0.02062
3757061.30	0.01941	0.01954	0.01967	0.01981	0.01996	0.02013	0.02032	0.02052	0.02075
3757031.30	0.01954	0.01966	0.01979	0.01994	0.02009	0.02026	0.02044	0.02065	0.02087
3757001.30	0.01966	0.01979	0.01992	0.02006	0.02022	0.02038	0.02057	0.02077	0.02099
3756971.30	0.01979	0.01992	0.02005	0.02019	0.02035	0.02051	0.02070	0.02090	0.02112

*** AERMOD - VERSION 09292 *** *** Site 17 - PM2.5 *** 10/26/10
 *** *** *** 17:26:09
 *** *** *** PAGE 15

***MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372510.44	372540.44	372570.44	372600.44	372630.44	372660.44	372690.44	372720.44	372750.44
3758441.30	0.01642	0.01657	0.01671	0.01684	0.01695	0.01705	0.01714	0.01721	0.01727
3758411.30	0.01651	0.01666	0.01680	0.01693	0.01704	0.01715	0.01723	0.01731	0.01737
3758381.30	0.01659	0.01674	0.01689	0.01702	0.01714	0.01724	0.01733	0.01741	0.01748
3758351.30	0.01667	0.01683	0.01697	0.01711	0.01723	0.01734	0.01743	0.01751	0.01758
3758321.30	0.01676	0.01692	0.01706	0.01720	0.01733	0.01744	0.01754	0.01762	0.01769
3758291.30	0.01684	0.01700	0.01715	0.01729	0.01742	0.01754	0.01764	0.01772	0.01779
3758261.30	0.01693	0.01709	0.01725	0.01739	0.01752	0.01764	0.01774	0.01783	0.01790
3758231.30	0.01702	0.01718	0.01734	0.01748	0.01762	0.01774	0.01784	0.01793	0.01801
3758201.30	0.01710	0.01727	0.01743	0.01758	0.01772	0.01784	0.01795	0.01804	0.01812
3758171.30	0.01719	0.01736	0.01752	0.01767	0.01781	0.01794	0.01805	0.01815	0.01823
3758141.30	0.01728	0.01745	0.01762	0.01777	0.01791	0.01804	0.01816	0.01826	0.01834
3758111.30	0.01737	0.01754	0.01771	0.01787	0.01801	0.01815	0.01827	0.01837	0.01845
3758081.30	0.01746	0.01763	0.01781	0.01797	0.01812	0.01825	0.01837	0.01848	0.01857
3758051.30	0.01755	0.01773	0.01790	0.01806	0.01822	0.01836	0.01848	0.01859	0.01868
3758021.30	0.01764	0.01782	0.01800	0.01816	0.01832	0.01846	0.01859	0.01870	0.01880
3757991.30	0.01773	0.01791	0.01809	0.01826	0.01842	0.01857	0.01870	0.01881	0.01891
3757961.30	0.01782	0.01801	0.01819	0.01836	0.01853	0.01868	0.01881	0.01893	0.01903
3757931.30	0.01791	0.01810	0.01829	0.01847	0.01863	0.01878	0.01892	0.01904	0.01915
3757901.30	0.01801	0.01820	0.01839	0.01857	0.01874	0.01889	0.01903	0.01916	0.01927
3757871.30	0.01810	0.01829	0.01849	0.01867	0.01884	0.01900	0.01915	0.01927	0.01938
3757841.30	0.01819	0.01839	0.01859	0.01877	0.01895	0.01911	0.01926	0.01939	0.01951
3757811.30	0.01829	0.01849	0.01869	0.01888	0.01906	0.01922	0.01937	0.01951	0.01963
3757781.30	0.01839	0.01859	0.01879	0.01898	0.01916	0.01933	0.01949	0.01963	0.01975
3757751.30	0.01848	0.01869	0.01889	0.01909	0.01927	0.01945	0.01961	0.01975	0.01987
3757721.30	0.01858	0.01879	0.01899	0.01919	0.01938	0.01956	0.01972	0.01987	0.02000
3757691.30	0.01868	0.01889	0.01910	0.01930	0.01949	0.01967	0.01984	0.01999	0.02012
3757661.30	0.01878	0.01899	0.01920	0.01941	0.01961	0.01979	0.01996	0.02011	0.02025
3757631.30	0.01888	0.01909	0.01931	0.01952	0.01972	0.01991	0.02008	0.02024	0.02038

Site #17 – Localized PM_{2.5} Concentrations

3757601.30	0.01898	0.01920	0.01941	0.01963	0.01983	0.02002	0.02020	0.02036	0.02051
3757571.30	0.01908	0.01930	0.01952	0.01974	0.01994	0.02014	0.02032	0.02049	0.02064
3757541.30	0.01919	0.01941	0.01963	0.01985	0.02006	0.02026	0.02044	0.02061	0.02077
3757511.30	0.01929	0.01951	0.01974	0.01996	0.02017	0.02038	0.02057	0.02074	0.02090
3757481.30	0.01939	0.01962	0.01985	0.02007	0.02029	0.02050	0.02069	0.02087	0.02103
3757451.30	0.01950	0.01973	0.01996	0.02019	0.02041	0.02062	0.02082	0.02100	0.02116
3757421.30	0.01961	0.01984	0.02007	0.02030	0.02053	0.02074	0.02094	0.02113	0.02130
3757391.30	0.01972	0.01995	0.02018	0.02042	0.02064	0.02086	0.02107	0.02126	0.02143
3757361.30	0.01982	0.02006	0.02030	0.02053	0.02076	0.02099	0.02120	0.02139	0.02157
3757331.30	0.01993	0.02017	0.02041	0.02065	0.02089	0.02111	0.02133	0.02153	0.02171
3757301.30	0.02005	0.02028	0.02053	0.02077	0.02101	0.02124	0.02146	0.02166	0.02185
3757271.30	0.02016	0.02040	0.02064	0.02089	0.02113	0.02137	0.02159	0.02180	0.02199

*** AERMOD - VERSION 09292 *** *** Site 17 - PM2.5 *** 10/26/10
 *** *** *** *** *** 17:26:09
 *** *** *** *** *** PAGE 16

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): FLAT NODRYDPLT NOWETDPLT VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	372510.44	372540.44	372570.44	372600.44	372630.44	372660.44	372690.44	372720.44	372750.44
3757241.30	0.02027	0.02051	0.02076	0.02101	0.02125	0.02149	0.02172	0.02193	0.02213
3757211.30	0.02039	0.02063	0.02088	0.02113	0.02138	0.02162	0.02185	0.02207	0.02227
3757181.30	0.02050	0.02075	0.02100	0.02125	0.02151	0.02175	0.02199	0.02221	0.02242
3757151.30	0.02062	0.02087	0.02112	0.02138	0.02163	0.02188	0.02212	0.02235	0.02256
3757121.30	0.02074	0.02099	0.02124	0.02150	0.02176	0.02202	0.02226	0.02249	0.02271
3757091.30	0.02086	0.02111	0.02137	0.02163	0.02189	0.02215	0.02240	0.02264	0.02286
3757061.30	0.02098	0.02123	0.02149	0.02176	0.02202	0.02228	0.02254	0.02278	0.02300
3757031.30	0.02111	0.02136	0.02162	0.02188	0.02215	0.02242	0.02268	0.02292	0.02315
3757001.30	0.02123	0.02148	0.02174	0.02201	0.02228	0.02255	0.02282	0.02307	0.02330
3756971.30	0.02136	0.02161	0.02187	0.02214	0.02242	0.02269	0.02296	0.02322	0.02346

*** AERMOD - VERSION 09292 *** *** Site 17 - PM2.5 *** 10/26/10
 *** *** *** *** *** 17:26:09
 *** *** *** *** *** PAGE 17

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): FLAT NODRYDPLT NOWETDPLT VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	372870.44	372810.44	372840.44	372870.44	372900.44	372930.44	372960.44	372990.44	373020.44
3758441.30	0.01732	0.01736	0.01739	0.01741	0.01744	0.01746	0.01748	0.01751	0.01755
3758411.30	0.01742	0.01746	0.01749	0.01752	0.01755	0.01757	0.01759	0.01762	0.01766
3758381.30	0.01753	0.01757	0.01760	0.01763	0.01766	0.01768	0.01771	0.01773	0.01777
3758351.30	0.01764	0.01768	0.01771	0.01774	0.01777	0.01779	0.01782	0.01785	0.01789
3758321.30	0.01774	0.01779	0.01782	0.01785	0.01788	0.01791	0.01793	0.01796	0.01799
3758291.30	0.01785	0.01790	0.01794	0.01797	0.01799	0.01802	0.01805	0.01808	0.01811
3758261.30	0.01796	0.01801	0.01805	0.01808	0.01811	0.01814	0.01816	0.01819	0.01823
3758231.30	0.01807	0.01812	0.01816	0.01820	0.01823	0.01825	0.01828	0.01831	0.01834
3758201.30	0.01818	0.01824	0.01828	0.01831	0.01834	0.01837	0.01840	0.01843	0.01846
3758171.30	0.01830	0.01835	0.01839	0.01843	0.01846	0.01849	0.01852	0.01855	0.01858
3758141.30	0.01841	0.01847	0.01851	0.01855	0.01858	0.01861	0.01864	0.01867	0.01870
3758111.30	0.01853	0.01858	0.01863	0.01867	0.01870	0.01873	0.01876	0.01879	0.01882
3758081.30	0.01864	0.01870	0.01875	0.01879	0.01882	0.01885	0.01888	0.01891	0.01895
3758051.30	0.01876	0.01882	0.01887	0.01891	0.01895	0.01898	0.01901	0.01904	0.01907
3758021.30	0.01887	0.01894	0.01899	0.01904	0.01907	0.01910	0.01913	0.01916	0.01920
3757991.30	0.01899	0.01906	0.01912	0.01916	0.01920	0.01923	0.01926	0.01929	0.01933
3757961.30	0.01911	0.01918	0.01924	0.01929	0.01932	0.01936	0.01939	0.01942	0.01946
3757931.30	0.01923	0.01931	0.01937	0.01941	0.01945	0.01949	0.01952	0.01955	0.01959
3757901.30	0.01936	0.01943	0.01949	0.01954	0.01958	0.01962	0.01965	0.01968	0.01972
3757871.30	0.01948	0.01956	0.01962	0.01967	0.01971	0.01975	0.01978	0.01982	0.01985
3757841.30	0.01960	0.01968	0.01975	0.01980	0.01985	0.01988	0.01992	0.01995	0.01999
3757811.30	0.01973	0.01981	0.01988	0.01993	0.01998	0.02002	0.02005	0.02009	0.02012
3757781.30	0.01985	0.01994	0.02001	0.02007	0.02011	0.02015	0.02019	0.02022	0.02026
3757751.30	0.01998	0.02007	0.02014	0.02020	0.02025	0.02029	0.02033	0.02036	0.02040
3757721.30	0.02011	0.02020	0.02028	0.02034	0.02039	0.02043	0.02047	0.02050	0.02054
3757691.30	0.02024	0.02033	0.02041	0.02048	0.02053	0.02057	0.02061	0.02065	0.02068
3757661.30	0.02037	0.02046	0.02055	0.02061	0.02067	0.02071	0.02075	0.02079	0.02083
3757631.30	0.02050	0.02060	0.02068	0.02075	0.02081	0.02086	0.02090	0.02094	0.02097
3757601.30	0.02063	0.02074	0.02082	0.02090	0.02095	0.02100	0.02104	0.02108	0.02112
3757571.30	0.02076	0.02087	0.02096	0.02104	0.02110	0.02115	0.02119	0.02123	0.02127
3757541.30	0.02090	0.02101	0.02110	0.02118	0.02124	0.02130	0.02134	0.02138	0.02142
3757511.30	0.02103	0.02115	0.02125	0.02133	0.02139	0.02145	0.02149	0.02153	0.02157
3757481.30	0.02117	0.02129	0.02139	0.02147	0.02154	0.02160	0.02164	0.02169	0.02173
3757451.30	0.02131	0.02143	0.02154	0.02162	0.02169	0.02175	0.02180	0.02184	0.02189
3757421.30	0.02145	0.02158	0.02168	0.02177	0.02184	0.02190	0.02195	0.02200	0.02204
3757391.30	0.02159	0.02172	0.02183	0.02192	0.02200	0.02206	0.02211	0.02216	0.02220
3757361.30	0.02173	0.02187	0.02198	0.02208	0.02215	0.02222	0.02227	0.02232	0.02236
3757331.30	0.02187	0.02201	0.02213	0.02223	0.02231	0.02238	0.02243	0.02248	0.02253
3757301.30	0.02202	0.02216	0.02228	0.02239	0.02247	0.02254	0.02260	0.02265	0.02269
3757271.30	0.02216	0.02231	0.02244	0.02254	0.02263	0.02270	0.02276	0.02281	0.02286

*** AERMOD - VERSION 09292 *** *** Site 17 - PM2.5 *** 10/26/10
 *** *** *** *** *** 17:26:09
 *** *** *** *** *** PAGE 18

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): FLAT NODRYDPLT NOWETDPLT VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	372870.44	372810.44	372840.44	372870.44	372900.44	372930.44	372960.44	372990.44	373020.44
3757241.30	0.02231	0.02246	0.02259	0.02270	0.02279	0.02287	0.02293	0.02298	0.02303

Site #17 – Localized PM_{2.5} Concentrations

3757211.30	0.02245	0.02261	0.02275	0.02286	0.02296	0.02303	0.02310	0.02315	0.02320
3757181.30	0.02260	0.02277	0.02291	0.02302	0.02312	0.02320	0.02327	0.02332	0.02338
3757151.30	0.02275	0.02292	0.02307	0.02319	0.02329	0.02337	0.02344	0.02350	0.02355
3757121.30	0.02290	0.02308	0.02323	0.02335	0.02346	0.02354	0.02361	0.02367	0.02373
3757091.30	0.02306	0.02323	0.02339	0.02352	0.02363	0.02372	0.02379	0.02385	0.02391
3757061.30	0.02321	0.02339	0.02355	0.02369	0.02380	0.02389	0.02397	0.02403	0.02409
3757031.30	0.02336	0.02355	0.02372	0.02386	0.02397	0.02407	0.02415	0.02422	0.02427
3757001.30	0.02352	0.02371	0.02388	0.02403	0.02415	0.02425	0.02433	0.02440	0.02446
3756971.30	0.02368	0.02388	0.02405	0.02420	0.02433	0.02443	0.02452	0.02459	0.02465

*** AERMOD - VERSION 09292 *** *** Site 17 - PM2.5 *** 10/26/10
 *** *** *** *** *** 17:26:09
 **MODELOPTs: NonDEFAULT CONC FLAT PAGE 19
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
 VOL1 , AREAL ,
 *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Y-COORD (METERS)	** CONC OF PM2.5 IN MICROGRAMS/M**3 **								
	373050.44	373080.44	373110.44	373140.44	373170.44	373200.44	373230.44	373260.44	373290.44
3758441.30	0.01759	0.01763	0.01769	0.01775	0.01783	0.01791	0.01799	0.01809	0.01819
3758411.30	0.01770	0.01774	0.01780	0.01786	0.01794	0.01802	0.01811	0.01820	0.01830
3758381.30	0.01781	0.01786	0.01791	0.01798	0.01805	0.01813	0.01822	0.01831	0.01842
3758351.30	0.01792	0.01797	0.01802	0.01809	0.01816	0.01824	0.01833	0.01843	0.01853
3758321.30	0.01803	0.01808	0.01814	0.01820	0.01828	0.01836	0.01845	0.01854	0.01865
3758291.30	0.01815	0.01820	0.01825	0.01832	0.01839	0.01847	0.01856	0.01866	0.01877
3758261.30	0.01827	0.01831	0.01837	0.01843	0.01851	0.01859	0.01868	0.01878	0.01888
3758231.30	0.01838	0.01843	0.01849	0.01855	0.01862	0.01871	0.01880	0.01890	0.01900
3758201.30	0.01850	0.01855	0.01860	0.01867	0.01874	0.01882	0.01891	0.01902	0.01912
3758171.30	0.01862	0.01867	0.01872	0.01879	0.01886	0.01894	0.01904	0.01914	0.01925
3758141.30	0.01874	0.01879	0.01884	0.01891	0.01898	0.01907	0.01916	0.01926	0.01937
3758111.30	0.01886	0.01891	0.01897	0.01903	0.01911	0.01919	0.01928	0.01938	0.01949
3758081.30	0.01899	0.01904	0.01909	0.01916	0.01923	0.01931	0.01941	0.01951	0.01962
3758051.30	0.01911	0.01916	0.01922	0.01928	0.01935	0.01944	0.01953	0.01963	0.01975
3758021.30	0.01924	0.01929	0.01934	0.01941	0.01948	0.01957	0.01966	0.01976	0.01988
3757991.30	0.01937	0.01941	0.01947	0.01954	0.01961	0.01970	0.01979	0.01989	0.02001
3757961.30	0.01950	0.01954	0.01960	0.01967	0.01974	0.01983	0.01992	0.02002	0.02014
3757931.30	0.01963	0.01967	0.01973	0.01980	0.01987	0.01996	0.02005	0.02016	0.02027
3757901.30	0.01976	0.01981	0.01986	0.01993	0.02000	0.02009	0.02018	0.02029	0.02041
3757871.30	0.01989	0.01994	0.02000	0.02006	0.02014	0.02022	0.02032	0.02043	0.02054
3757841.30	0.02003	0.02008	0.02013	0.02020	0.02027	0.02036	0.02046	0.02056	0.02068
3757811.30	0.02016	0.02021	0.02027	0.02033	0.02041	0.02050	0.02059	0.02070	0.02082
3757781.30	0.02030	0.02035	0.02041	0.02047	0.02055	0.02064	0.02073	0.02084	0.02096
3757751.30	0.02044	0.02049	0.02055	0.02061	0.02069	0.02078	0.02087	0.02098	0.02110
3757721.30	0.02058	0.02063	0.02069	0.02075	0.02083	0.02092	0.02102	0.02112	0.02124
3757691.30	0.02073	0.02077	0.02083	0.02090	0.02097	0.02106	0.02116	0.02127	0.02139
3757661.30	0.02087	0.02092	0.02098	0.02104	0.02112	0.02121	0.02131	0.02141	0.02154
3757631.30	0.02102	0.02106	0.02112	0.02119	0.02127	0.02135	0.02145	0.02156	0.02169
3757601.30	0.02116	0.02121	0.02127	0.02134	0.02141	0.02150	0.02160	0.02171	0.02184
3757571.30	0.02131	0.02136	0.02142	0.02149	0.02156	0.02165	0.02175	0.02186	0.02199
3757541.30	0.02147	0.02151	0.02157	0.02164	0.02172	0.02180	0.02191	0.02202	0.02214
3757511.30	0.02162	0.02167	0.02173	0.02179	0.02187	0.02196	0.02206	0.02217	0.02230
3757481.30	0.02177	0.02182	0.02188	0.02195	0.02203	0.02211	0.02222	0.02233	0.02246
3757451.30	0.02193	0.02198	0.02204	0.02210	0.02218	0.02227	0.02237	0.02249	0.02262
3757421.30	0.02209	0.02214	0.02220	0.02226	0.02234	0.02243	0.02253	0.02265	0.02278
3757391.30	0.02225	0.02230	0.02236	0.02242	0.02250	0.02259	0.02270	0.02281	0.02294
3757361.30	0.02241	0.02246	0.02252	0.02259	0.02267	0.02276	0.02286	0.02298	0.02311
3757331.30	0.02258	0.02263	0.02268	0.02275	0.02283	0.02292	0.02303	0.02314	0.02327
3757301.30	0.02274	0.02279	0.02285	0.02292	0.02300	0.02309	0.02319	0.02331	0.02344
3757271.30	0.02291	0.02296	0.02302	0.02309	0.02317	0.02326	0.02336	0.02348	0.02361

*** AERMOD - VERSION 09292 *** *** Site 17 - PM2.5 *** 10/26/10
 *** *** *** *** *** 17:26:09
 **MODELOPTs: NonDEFAULT CONC FLAT PAGE 20
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
 VOL1 , AREAL ,
 *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Y-COORD (METERS)	** CONC OF PM2.5 IN MICROGRAMS/M**3 **								
	373320.44	373350.44	373380.44	373410.44	373440.44				
3757241.30	0.02308	0.02313	0.02319	0.02326	0.02334	0.02343	0.02354	0.02365	0.02379
3757211.30	0.02325	0.02330	0.02336	0.02343	0.02351	0.02360	0.02371	0.02383	0.02396
3757181.30	0.02343	0.02348	0.02354	0.02361	0.02369	0.02378	0.02389	0.02401	0.02414
3757151.30	0.02360	0.02366	0.02372	0.02378	0.02386	0.02396	0.02406	0.02418	0.02432
3757121.30	0.02378	0.02384	0.02389	0.02396	0.02404	0.02414	0.02424	0.02437	0.02450
3757091.30	0.02396	0.02402	0.02408	0.02415	0.02423	0.02432	0.02443	0.02455	0.02469
3757061.30	0.02414	0.02420	0.02426	0.02433	0.02441	0.02450	0.02461	0.02473	0.02487
3757031.30	0.02433	0.02439	0.02445	0.02452	0.02460	0.02469	0.02480	0.02492	0.02506
3757001.30	0.02452	0.02457	0.02463	0.02471	0.02479	0.02488	0.02499	0.02511	0.02525
3756971.30	0.02471	0.02476	0.02483	0.02490	0.02498	0.02507	0.02518	0.02531	0.02545

*** AERMOD - VERSION 09292 *** *** Site 17 - PM2.5 *** 10/26/10
 *** *** *** *** *** 17:26:09
 **MODELOPTs: NonDEFAULT CONC FLAT PAGE 21
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
 VOL1 , AREAL ,
 *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Y-COORD (METERS)	** CONC OF PM2.5 IN MICROGRAMS/M**3 **								
	373320.44	373350.44	373380.44	373410.44	373440.44				
3758441.30	0.01830	0.01842	0.01854	0.01868	0.01882				
3758411.30	0.01842	0.01853	0.01866	0.01879	0.01894				
3758381.30	0.01853	0.01865	0.01878	0.01891	0.01906				
3758351.30	0.01864	0.01876	0.01889	0.01903	0.01918				

Site #17 – Localized PM_{2.5} Concentrations

3758321.30	0.01876	0.01888	0.01901	0.01915	0.01930
3758291.30	0.01888	0.01900	0.01913	0.01927	0.01942
3758261.30	0.01900	0.01912	0.01925	0.01939	0.01955
3758231.30	0.01912	0.01924	0.01938	0.01952	0.01967
3758201.30	0.01924	0.01936	0.01950	0.01964	0.01980
3758171.30	0.01936	0.01949	0.01962	0.01977	0.01993
3758141.30	0.01949	0.01961	0.01975	0.01990	0.02006
3758111.30	0.01961	0.01974	0.01988	0.02003	0.02019
3758081.30	0.01974	0.01987	0.02001	0.02016	0.02032
3758051.30	0.01987	0.02000	0.02014	0.02029	0.02045
3758021.30	0.02000	0.02013	0.02027	0.02042	0.02059
3757991.30	0.02013	0.02026	0.02040	0.02056	0.02073
3757961.30	0.02026	0.02039	0.02054	0.02070	0.02086
3757931.30	0.02040	0.02053	0.02068	0.02083	0.02100
3757901.30	0.02053	0.02067	0.02081	0.02097	0.02114
3757871.30	0.02067	0.02080	0.02095	0.02111	0.02129
3757841.30	0.02081	0.02094	0.02109	0.02126	0.02143
3757811.30	0.02095	0.02109	0.02124	0.02140	0.02158
3757781.30	0.02109	0.02123	0.02138	0.02154	0.02172
3757751.30	0.02123	0.02137	0.02153	0.02169	0.02187
3757721.30	0.02137	0.02152	0.02167	0.02184	0.02202
3757691.30	0.02152	0.02167	0.02182	0.02199	0.02217
3757661.30	0.02167	0.02182	0.02197	0.02214	0.02233
3757631.30	0.02182	0.02197	0.02213	0.02230	0.02248
3757601.30	0.02197	0.02212	0.02228	0.02245	0.02264
3757571.30	0.02212	0.02227	0.02244	0.02261	0.02280
3757541.30	0.02227	0.02243	0.02259	0.02277	0.02296
3757511.30	0.02243	0.02259	0.02275	0.02293	0.02313
3757481.30	0.02259	0.02275	0.02291	0.02309	0.02329
3757451.30	0.02275	0.02291	0.02308	0.02326	0.02346
3757421.30	0.02291	0.02307	0.02324	0.02343	0.02363
3757391.30	0.02307	0.02324	0.02341	0.02359	0.02380
3757361.30	0.02324	0.02341	0.02358	0.02377	0.02397
3757331.30	0.02341	0.02358	0.02375	0.02394	0.02414
3757301.30	0.02358	0.02375	0.02392	0.02411	0.02432
3757271.30	0.02375	0.02392	0.02410	0.02429	0.02450

*** AERMOD - VERSION 09292 *** *** Site 17 - PM2.5 *** 10/26/10
 *** *** *** 17:26:09
 *** *** *** PAGE 22

**MODELOPTs: NonDEFAULT CONC

FLAT
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)					
	373320.44	373350.44	373380.44	373410.44	373440.44	
3757241.30	0.02393	0.02410	0.02428	0.02447	0.02468	
3757211.30	0.02411	0.02428	0.02446	0.02465	0.02487	
3757181.30	0.02429	0.02446	0.02464	0.02484	0.02505	
3757151.30	0.02447	0.02464	0.02482	0.02502	0.02524	
3757121.30	0.02465	0.02482	0.02501	0.02521	0.02543	
3757091.30	0.02484	0.02501	0.02520	0.02540	0.02562	
3757061.30	0.02503	0.02520	0.02539	0.02559	0.02582	
3757031.30	0.02522	0.02539	0.02558	0.02579	0.02602	
3757001.30	0.02541	0.02558	0.02578	0.02599	0.02622	
3756971.30	0.02560	0.02578	0.02597	0.02619	0.02642	

*** AERMOD - VERSION 09292 *** *** Site 17 - PM2.5 *** 10/26/10
 *** *** *** 17:26:09
 *** *** *** PAGE 23

**MODELOPTs: NonDEFAULT CONC

FLAT
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	372437.24	372558.96	372680.68	372802.40	372924.12	373045.84	373167.56	373289.28	373411.00
3751945.76	0.14821	0.17171	0.19856	0.22276	0.24765	0.27696	0.29710	0.31534	0.36360
3751834.13	0.15723	0.17841	0.20972	0.24418	0.27595	0.31191	0.34461	0.36732	0.42223
3751722.50	0.16931	0.18999	0.21981	0.26272	0.30835	0.35354	0.40178	0.43625	0.49912
3751610.87	0.18455	0.20607	0.23541	0.27900	0.33991	0.40392	0.47111	0.52806	0.60382
3751499.24	0.20933	0.22962	0.25846	0.30149	0.36831	0.45921	0.55694	0.65065	0.75282
3751387.61	0.23588	0.26381	0.29540	0.33751	0.40400	0.51322	0.66013	0.81738	0.97445
3751275.98	0.27017	0.30314	0.34518	0.39667	0.46569	0.57818	0.77432	1.04226	1.32053
3751164.35	0.32676	0.36565	0.41463	0.48067	0.56883	0.69612	0.91743	1.33193	1.90158
3751052.72	0.39353	0.45226	0.52507	0.61772	0.74208	0.91755	1.19453	1.75119	2.94771
3750941.09	0.47340	0.55729	0.66693	0.81505	1.02216	1.32966	1.83211	2.78712	5.37990
3750829.46	0.58977	0.70586	0.86498	1.09343	1.44271	2.02558	3.13597	5.86449	18.87453
3750717.83	0.69415	0.85179	1.07935	1.42739	2.00115	3.05396	5.31742	11.18721	29.78018
3750606.20	0.82678	1.04641	1.37079	1.87948	2.73706	4.27725	7.10651	11.93925	16.60139
3750494.57	1.01783	1.30273	1.72339	2.36215	3.33316	4.72677	6.39537	7.36807	6.08716
3750382.94	1.19810	1.52838	1.98460	2.58538	3.30133	3.99581	4.31616	3.85706	2.75226
3750271.31	1.33871	1.65669	2.02751	2.41547	2.74998	2.88938	2.67885	2.16115	1.54308
3750159.68	1.38405	1.61658	1.83972	2.02139	2.09531	1.98180	1.70854	1.34311	0.99542
3750048.05	1.31241	1.44899	1.55765	1.60258	1.53514	1.37362	1.15733	0.90612	0.70386
3749936.42	1.17319	1.24317	1.27321	1.23109	1.12541	0.99001	0.82562	0.65314	0.53126
3749824.79	1.01930	1.04079	1.01383	0.93971	0.84956	0.73901	0.61406	0.49470	0.42032
3749713.16	0.86989	0.85240	0.79848	0.73294	0.65914	0.56794	0.47383	0.38964	0.34371

*** AERMOD - VERSION 09292 *** *** Site 17 - PM2.5 *** 10/26/10
 *** *** *** 17:26:09
 *** *** *** PAGE 24

**MODELOPTs: NonDEFAULT CONC

FLAT
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Site #17 – Localized PM_{2.5} Concentrations

Y-COORD (METERS)	373532.72	373654.44	373776.16	X-COORD (METERS)		374141.32	374263.04	374384.76	374506.48
3751945.76	0.42158	0.46630	0.48747	0.50916	0.51821	0.49168	0.47292	0.46508	0.45753
3751834.13	0.49792	0.55493	0.58367	0.61088	0.60531	0.57220	0.55787	0.54805	0.55010
3751722.50	0.59892	0.67422	0.71516	0.74300	0.71706	0.68479	0.67137	0.66987	0.68290
3751610.87	0.73708	0.84138	0.90036	0.91733	0.87288	0.84511	0.83938	0.85478	0.87461
3751499.24	0.93486	1.08855	1.16950	1.16145	1.10605	1.09139	1.10881	1.13383	1.13235
3751387.61	1.23669	1.48045	1.57892	1.53611	1.49147	1.51082	1.53891	1.50992	1.40413
3751275.98	1.74247	2.16041	2.26666	2.19829	2.21064	2.22747	2.11511	1.86962	1.56641
3751164.35	2.71742	3.50579	3.64508	3.62188	3.54820	3.15653	2.56481	1.98495	1.51849
3751052.72	5.08474	7.04472	7.34054	6.60850	5.10781	3.61857	2.51874	1.79237	1.32639
3750941.09	16.04040	25.14665	16.86208	9.17796	5.19647	3.14572	2.07343	1.47179	1.10381
3750829.46	198.30915	187.20675	18.93243	7.28335	3.73547	2.30385	1.58584	1.17076	0.90670
3750717.83	190.57969	163.17150	8.07212	3.69785	2.26111	1.56453	1.16111	0.90317	0.72666
3750606.20	12.19041	5.40754	2.89286	1.87373	1.35735	1.02999	0.81955	0.67208	0.56259
3750494.57	3.65326	2.43985	1.71540	1.15092	0.91512	0.73896	0.60308	0.50681	0.43734
3750382.94	1.82605	1.41716	1.18601	0.84407	0.64131	0.56385	0.48249	0.40747	0.35025
3750271.31	1.13946	0.93583	0.85098	0.70417	0.49816	0.41750	0.38789	0.34715	0.30178
3750159.68	0.79767	0.67749	0.62223	0.57986	0.44656	0.33265	0.29776	0.28530	0.26350
3750048.05	0.59732	0.51815	0.47253	0.46228	0.40777	0.30417	0.24088	0.22544	0.22005
3749936.42	0.46775	0.41094	0.37622	0.36787	0.35750	0.29053	0.22102	0.18441	0.17798
3749824.79	0.37850	0.33510	0.31052	0.29589	0.30205	0.27197	0.21506	0.16868	0.14705
3749713.16	0.31414	0.27950	0.26197	0.24633	0.25055	0.24688	0.20776	0.16546	0.13365

*** AERMOD - VERSION 09292 *** *** Site 17 - PM2.5 *** 10/26/10
 *** *** *** 17:26:09
 *** *** *** PAGE 25

***MODELOPTs: NonDEFAULT CONC

FLAT
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
 VOL1 , AREAL ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	374628.20	374749.92	374871.64	X-COORD (METERS)					
3751945.76	0.46195	0.46996	0.47903						
3751834.13	0.56053	0.57226	0.58300						
3751722.50	0.69816	0.70864	0.70246						
3751610.87	0.88237	0.86333	0.81738						
3751499.24	1.08625	1.00166	0.89528						
3751387.61	1.24543	1.06823	0.89870						
3751275.98	1.27484	1.02960	0.83785						
3751164.35	1.17511	0.93022	0.75411						
3751052.72	1.02060	0.81075	0.66073						
3750941.09	0.86266	0.69606	0.57593						
3750829.46	0.72693	0.59826	0.50258						
3750717.83	0.59988	0.50540	0.43283						
3750606.20	0.47919	0.41406	0.36201						
3750494.57	0.38275	0.33784	0.30050						
3750382.94	0.30892	0.27739	0.25120						
3750271.31	0.26239	0.23248	0.21096						
3750159.68	0.23615	0.20869	0.18502						
3750048.05	0.20725	0.19060	0.17219						
3749936.42	0.17588	0.16767	0.15695						
3749824.79	0.14488	0.14447	0.13888						
3749713.16	0.12091	0.12071	0.12124						

*** AERMOD - VERSION 09292 *** *** Site 17 - PM2.5 *** 10/26/10
 *** *** *** 17:26:09
 *** *** *** PAGE 26

***MODELOPTs: NonDEFAULT CONC

FLAT
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
 VOL1 , AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372647.17	3750290.48	1.92539	373224.49	3750294.52	2.74330
373809.89	3750290.48	0.86494	374411.43	3750290.48	0.34586
373842.19	3751158.48	3.73174	373822.00	3751416.86	1.45319
374060.20	3751340.15	1.74871			

*** AERMOD - VERSION 09292 *** *** Site 17 - PM2.5 *** 10/26/10
 *** *** *** 17:26:09
 *** *** *** PAGE 27

***MODELOPTs: NonDEFAULT CONC

FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES FOR SOURCE GROUP: ALL ***
 VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	371970.44	372000.44	X-COORD (METERS)		372060.44	372090.44
3758441.3	0.32560 (06091124)	0.32964 (06091124)	0.33122 (06091124)	0.33032 (06091124)	0.32703 (06091124)	
3758411.3	0.32628 (06091124)	0.33085 (06091124)	0.33293 (06091124)	0.33254 (06091124)	0.32970 (06091124)	
3758381.3	0.32691 (06091124)	0.33199 (06091124)	0.33459 (06091124)	0.33470 (06091124)	0.33231 (06091124)	
3758351.3	0.32740 (06091124)	0.33303 (06091124)	0.33618 (06091124)	0.33682 (06091124)	0.33487 (06091124)	
3758321.3	0.32774 (06091124)	0.33394 (06091124)	0.33767 (06091124)	0.33885 (06091124)	0.33739 (06091124)	
3758291.3	0.32797 (06091124)	0.33471 (06091124)	0.33901 (06091124)	0.34075 (06091124)	0.33982 (06091124)	
3758261.3	0.32812 (06091124)	0.33543 (06091124)	0.34027 (06091124)	0.34253 (06091124)	0.34214 (06091124)	
3758231.3	0.32816 (06091124)	0.33605 (06091124)	0.34147 (06091124)	0.34426 (06091124)	0.34440 (06091124)	
3758201.3	0.32804 (06091124)	0.33653 (06091124)	0.34254 (06091124)	0.34592 (06091124)	0.34662 (06091124)	
3758171.3	0.32780 (06091124)	0.33686 (06091124)	0.34346 (06091124)	0.34745 (06091124)	0.34874 (06091124)	
3758141.3	0.32748 (06091124)	0.33710 (06091124)	0.34427 (06091124)	0.34885 (06091124)	0.35073 (06091124)	
3758111.3	0.32704 (06091124)	0.33724 (06091124)	0.34500 (06091124)	0.35016 (06091124)	0.35260 (06091124)	
3758081.3	0.32643 (06091124)	0.33724 (06091124)	0.34563 (06091124)	0.35139 (06091124)	0.35441 (06091124)	
3758051.3	0.32568 (06091124)	0.33707 (06091124)	0.34609 (06091124)	0.35249 (06091124)	0.35613 (06091124)	
3758021.3	0.32486 (06091124)	0.33680 (06091124)	0.34642 (06091124)	0.35344 (06091124)	0.35772 (06091124)	

Site #17 – Localized PM_{2.5} Concentrations

3757991.3	0.32393 (06091124)	0.33645 (06091124)	0.34665 (06091124)	0.35428 (06091124)	0.35918 (06091124)
3757961.3	0.32284 (06091124)	0.33593 (06091124)	0.34678 (06091124)	0.35504 (06091124)	0.36054 (06091124)
3757931.3	0.32162 (06091124)	0.33524 (06091124)	0.34673 (06091124)	0.35566 (06091124)	0.36180 (06091124)
3757901.3	0.32032 (06091124)	0.33445 (06091124)	0.34653 (06091124)	0.35611 (06091124)	0.36293 (06091124)
3757871.3	0.31892 (06091124)	0.33357 (06091124)	0.34623 (06091124)	0.35644 (06091124)	0.36392 (06091124)
3757841.3	0.31735 (06091124)	0.33255 (06091124)	0.34581 (06091124)	0.35667 (06091124)	0.36480 (06091124)
3757811.3	0.31563 (06091124)	0.33136 (06091124)	0.34522 (06091124)	0.35675 (06091124)	0.36556 (06091124)
3757781.3	0.31383 (06091124)	0.33006 (06091124)	0.34447 (06091124)	0.35666 (06091124)	0.36617 (06091124)
3757751.3	0.31192 (06091124)	0.32867 (06091124)	0.34362 (06091124)	0.35644 (06091124)	0.36662 (06091124)
3757721.3	0.30984 (06091124)	0.32714 (06091124)	0.34266 (06091124)	0.35610 (06091124)	0.36695 (06091124)
3757691.3	0.30763 (06091124)	0.32544 (06091124)	0.34153 (06091124)	0.35561 (06091124)	0.36715 (06091124)
3757661.3	0.30536 (06091124)	0.32361 (06091124)	0.34026 (06091124)	0.35494 (06091124)	0.36719 (06091124)
3757631.3	0.30299 (06091124)	0.32169 (06091124)	0.33887 (06091124)	0.35414 (06091124)	0.36707 (06091124)
3757601.3	0.30047 (06091124)	0.31963 (06091124)	0.33737 (06091124)	0.35322 (06091124)	0.36682 (06091124)
3757571.3	0.29784 (06091124)	0.31739 (06091124)	0.33570 (06091124)	0.35216 (06091124)	0.36643 (06091124)
3757541.3	0.29514 (06091124)	0.31506 (06091124)	0.33387 (06091124)	0.35092 (06091124)	0.36587 (06091124)
3757511.3	0.29234 (06091124)	0.31265 (06091124)	0.33193 (06091124)	0.34955 (06091124)	0.36514 (06091124)
3757481.3	0.29332 (06102324)	0.31010 (06091124)	0.32985 (06091124)	0.34807 (06091124)	0.36426 (06091124)
3757451.3	0.29659 (06102324)	0.30743 (06091124)	0.32762 (06091124)	0.34643 (06091124)	0.36325 (06091124)
3757421.3	0.29980 (06102324)	0.30465 (06091124)	0.32525 (06091124)	0.34461 (06091124)	0.36208 (06091124)
3757391.3	0.30299 (06102324)	0.30178 (06091124)	0.32278 (06091124)	0.34265 (06091124)	0.36075 (06091124)
3757361.3	0.30614 (06102324)	0.30103 (06102324)	0.32020 (06091124)	0.34057 (06091124)	0.35928 (06091124)
3757331.3	0.30920 (06102324)	0.30444 (06102324)	0.31748 (06091124)	0.33833 (06091124)	0.35765 (06091124)
3757301.3	0.31215 (06102324)	0.30779 (06102324)	0.31464 (06091124)	0.33594 (06091124)	0.35586 (06091124)
3757271.3	0.31503 (06102324)	0.31109 (06102324)	0.31169 (06091124)	0.33343 (06091124)	0.35391 (06091124)

*** AERMOD - VERSION 09292 *** Site 17 - PM2.5
*** 10/26/10
*** 17:26:09
*** PAGE 28

**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** CONC OF PM2.5 IN MICROGRAMS/M**3 ***

Y-COORD (METERS)	371970.44	372000.44	X-COORD (METERS) 372030.44	372060.44	372090.44
3757241.3	0.31785 (06102324)	0.31437 (06102324)	0.30909 (06102324)	0.33078 (06091124)	0.35181 (06091124)
3757211.3	0.32058 (06102324)	0.31757 (06102324)	0.31265 (06102324)	0.32803 (06091124)	0.34957 (06091124)
3757181.3	0.32318 (06102324)	0.32064 (06102324)	0.31614 (06102324)	0.32514 (06091124)	0.34716 (06091124)
3757151.3	0.32566 (06102324)	0.32363 (06102324)	0.31959 (06102324)	0.32212 (06091124)	0.34461 (06091124)
3757121.3	0.32804 (06102324)	0.32657 (06102324)	0.32298 (06102324)	0.31898 (06091124)	0.34192 (06091124)
3757091.3	0.33032 (06102324)	0.32939 (06102324)	0.32631 (06102324)	0.32122 (06102324)	0.33912 (06091124)
3757061.3	0.33245 (06102324)	0.33209 (06102324)	0.32952 (06102324)	0.32488 (06102324)	0.33616 (06091124)
3757031.3	0.33445 (06102324)	0.33467 (06102324)	0.33264 (06102324)	0.32847 (06102324)	0.33310 (06091124)
3757001.3	0.33632 (06102324)	0.33715 (06102324)	0.33568 (06102324)	0.33201 (06102324)	0.32987 (06091124)
3756971.3	0.33803 (06102324)	0.33951 (06102324)	0.33862 (06102324)	0.33546 (06102324)	0.33019 (06102324)

*** AERMOD - VERSION 09292 *** Site 17 - PM2.5
*** 10/26/10
*** 17:26:09
*** PAGE 29

**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** CONC OF PM2.5 IN MICROGRAMS/M**3 ***

Y-COORD (METERS)	372120.44	372150.44	X-COORD (METERS) 372180.44	372210.44	372240.44
3758441.3	0.32138 (06091124)	0.31358 (06091124)	0.30390 (06091124)	0.29261 (06091124)	0.28004 (06091124)
3758411.3	0.32446 (06091124)	0.31705 (06091124)	0.30763 (06091124)	0.29652 (06091124)	0.28408 (06091124)
3758381.3	0.32748 (06091124)	0.32045 (06091124)	0.31130 (06091124)	0.30043 (06091124)	0.28815 (06091124)
3758351.3	0.33048 (06091124)	0.32382 (06091124)	0.31495 (06091124)	0.30431 (06091124)	0.29220 (06091124)
3758321.3	0.33346 (06091124)	0.32716 (06091124)	0.31860 (06091124)	0.30818 (06091124)	0.29622 (06091124)
3758291.3	0.33638 (06091124)	0.33048 (06091124)	0.32226 (06091124)	0.31209 (06091124)	0.30026 (06091124)
3758261.3	0.33920 (06091124)	0.33372 (06091124)	0.32591 (06091124)	0.31601 (06091124)	0.30435 (06091124)
3758231.3	0.34193 (06091124)	0.33688 (06091124)	0.32948 (06091124)	0.31989 (06091124)	0.30846 (06091124)
3758201.3	0.34462 (06091124)	0.34002 (06091124)	0.33300 (06091124)	0.32372 (06091124)	0.31253 (06091124)
3758171.3	0.34725 (06091124)	0.34313 (06091124)	0.33651 (06091124)	0.32753 (06091124)	0.31657 (06091124)
3758141.3	0.34979 (06091124)	0.34619 (06091124)	0.33999 (06091124)	0.33136 (06091124)	0.32065 (06091124)
3758111.3	0.35222 (06091124)	0.34915 (06091124)	0.34342 (06091124)	0.33519 (06091124)	0.32476 (06091124)
3758081.3	0.35459 (06091124)	0.35202 (06091124)	0.34675 (06091124)	0.33895 (06091124)	0.32886 (06091124)
3758051.3	0.35690 (06091124)	0.35484 (06091124)	0.35003 (06091124)	0.34264 (06091124)	0.33290 (06091124)
3758021.3	0.35911 (06091124)	0.35760 (06091124)	0.35329 (06091124)	0.34631 (06091124)	0.33690 (06091124)
3757991.3	0.36120 (06091124)	0.36026 (06091124)	0.35650 (06091124)	0.34997 (06091124)	0.34091 (06091124)
3757961.3	0.36318 (06091124)	0.36281 (06091124)	0.35961 (06091124)	0.35358 (06091124)	0.34492 (06091124)
3757931.3	0.36508 (06091124)	0.36529 (06091124)	0.36262 (06091124)	0.35710 (06091124)	0.34889 (06091124)
3757901.3	0.36686 (06091124)	0.36770 (06091124)	0.36557 (06091124)	0.36056 (06091124)	0.35276 (06091124)
3757871.3	0.36851 (06091124)	0.37001 (06091124)	0.36847 (06091124)	0.36397 (06091124)	0.35661 (06091124)
3757841.3	0.37003 (06091124)	0.37220 (06091124)	0.37126 (06091124)	0.36734 (06091124)	0.36044 (06091124)
3757811.3	0.37145 (06091124)	0.37428 (06091124)	0.37395 (06091124)	0.37061 (06091124)	0.36424 (06091124)
3757781.3	0.37275 (06091124)	0.37627 (06091124)	0.37655 (06091124)	0.37377 (06091124)	0.36797 (06091124)
3757751.3	0.37391 (06091124)	0.37813 (06091124)	0.37907 (06091124)	0.37686 (06091124)	0.37161 (06091124)
3757721.3	0.37493 (06091124)	0.37985 (06091124)	0.38149 (06091124)	0.37990 (06091124)	0.37520 (06091124)
3757691.3	0.37584 (06091124)	0.38144 (06091124)	0.38379 (06091124)	0.38284 (06091124)	0.37874 (06091124)
3757661.3	0.37661 (06091124)	0.38291 (06091124)	0.38597 (06091124)	0.38568 (06091124)	0.38217 (06091124)
3757631.3	0.37722 (06091124)	0.38425 (06091124)	0.38804 (06091124)	0.38841 (06091124)	0.38551 (06091124)
3757601.3	0.37766 (06091124)	0.38545 (06091124)	0.38998 (06091124)	0.39104 (06091124)	0.38876 (06091124)
3757571.3	0.37799 (06091124)	0.38651 (06091124)	0.39178 (06091124)	0.39358 (06091124)	0.39194 (06091124)
3757541.3	0.37815 (06091124)	0.38744 (06091124)	0.39345 (06091124)	0.39599 (06091124)	0.39503 (06091124)
3757511.3	0.37815 (06091124)	0.38822 (06091124)	0.39498 (06091124)	0.39828 (06091124)	0.39803 (06091124)
3757481.3	0.37800 (06091124)	0.38883 (06091124)	0.39636 (06091124)	0.40043 (06091124)	0.40091 (06091124)
3757451.3	0.37771 (06091124)	0.38928 (06091124)	0.39761 (06091124)	0.40245 (06091124)	0.40368 (06091124)
3757421.3	0.37726 (06091124)	0.38957 (06091124)	0.39870 (06091124)	0.40434 (06091124)	0.40633 (06091124)
3757391.3	0.37662 (06091124)	0.38971 (06091124)	0.39965 (06091124)	0.40609 (06091124)	0.40887 (06091124)
3757361.3	0.37582 (06091124)	0.38967 (06091124)	0.40043 (06091124)	0.40768 (06091124)	0.41125 (06091124)
3757331.3	0.37487 (06091124)	0.38948 (06091124)	0.40105 (06091124)	0.40912 (06091124)	0.41350 (06091124)
3757301.3	0.37376 (06091124)	0.38914 (06091124)	0.40150 (06091124)	0.41041 (06091124)	0.41561 (06091124)
3757271.3	0.37247 (06091124)	0.38862 (06091124)	0.40176 (06091124)	0.41154 (06091124)	0.41759 (06091124)

*** AERMOD - VERSION 09292 *** Site 17 - PM2.5
*** 10/26/10
*** 17:26:09
*** PAGE 30

**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

Site #17 – Localized PM_{2.5} Concentrations

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372120.44	372150.44	X-COORD (METERS) 372180.44	372210.44	372240.44
3757241.3	0.37104 (06091124)	0.38791 (06091124)	0.40186 (06091124)	0.41250 (06091124)	0.41942 (06091124)
3757211.3	0.36942 (06091124)	0.38704 (06091124)	0.40179 (06091124)	0.41329 (06091124)	0.42108 (06091124)
3757181.3	0.36767 (06091124)	0.38598 (06091124)	0.40156 (06091124)	0.41392 (06091124)	0.42257 (06091124)
3757151.3	0.36572 (06091124)	0.38476 (06091124)	0.40114 (06091124)	0.41436 (06091124)	0.42392 (06091124)
3757121.3	0.36363 (06091124)	0.38336 (06091124)	0.40055 (06091124)	0.41460 (06091124)	0.42507 (06091124)
3757091.3	0.36136 (06091124)	0.38180 (06091124)	0.39977 (06091124)	0.41466 (06091124)	0.42606 (06091124)
3757061.3	0.35894 (06091124)	0.38004 (06091124)	0.39880 (06091124)	0.41456 (06091124)	0.42686 (06091124)
3757031.3	0.35635 (06091124)	0.37813 (06091124)	0.39764 (06091124)	0.41426 (06091124)	0.42749 (06091124)
3757001.3	0.35364 (06091124)	0.37604 (06091124)	0.39630 (06091124)	0.41378 (06091124)	0.42790 (06091124)
3756971.3	0.35077 (06091124)	0.37378 (06091124)	0.39478 (06091124)	0.41308 (06091124)	0.42814 (06091124)

*** AERMOD - VERSION 09292 *** Site 17 - PM2.5 *** 10/26/10
 17:26:09
 PAGE 31

***MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372270.44	372300.44	X-COORD (METERS) 372330.44	372360.44	372390.44
3758441.3	0.26657 (06091124)	0.25232 (06091124)	0.25553 (05052124)	0.26021 (05052124)	0.25846 (05052124)
3758411.3	0.27061 (06091124)	0.25633 (06091124)	0.25550 (05052124)	0.26121 (05052124)	0.26050 (05052124)
3758381.3	0.27470 (06091124)	0.26044 (06091124)	0.25529 (05052124)	0.26208 (05052124)	0.26239 (05052124)
3758351.3	0.27880 (06091124)	0.26460 (06091124)	0.25493 (05052124)	0.26277 (05052124)	0.26413 (05052124)
3758321.3	0.28291 (06091124)	0.26878 (06091124)	0.25439 (05052124)	0.26329 (05052124)	0.26573 (05052124)
3758291.3	0.28706 (06091124)	0.27296 (06091124)	0.25308 (05052124)	0.26364 (05052124)	0.26718 (05052124)
3758261.3	0.29126 (06091124)	0.27717 (06091124)	0.26224 (06091124)	0.26382 (05052124)	0.26846 (05052124)
3758231.3	0.29552 (06091124)	0.28146 (06091124)	0.26649 (06091124)	0.26383 (05052124)	0.26958 (05052124)
3758201.3	0.29979 (06091124)	0.28578 (06091124)	0.27084 (06091124)	0.26366 (05052124)	0.27052 (05052124)
3758171.3	0.30402 (06091124)	0.29008 (06091124)	0.27521 (06091124)	0.26331 (05052124)	0.27131 (05052124)
3758141.3	0.30825 (06091124)	0.29440 (06091124)	0.27958 (06091124)	0.26408 (06091124)	0.27192 (05052124)
3758111.3	0.31253 (06091124)	0.29876 (06091124)	0.28398 (06091124)	0.26841 (06091124)	0.27233 (05052124)
3758081.3	0.31684 (06091124)	0.30321 (06091124)	0.28846 (06091124)	0.27281 (06091124)	0.27257 (05052124)
3758051.3	0.32113 (06091124)	0.30769 (06091124)	0.29300 (06091124)	0.27732 (06091124)	0.27263 (05052124)
3758021.3	0.32537 (06091124)	0.31215 (06091124)	0.29755 (06091124)	0.28190 (06091124)	0.27250 (05052124)
3757991.3	0.32962 (06091124)	0.31659 (06091124)	0.30207 (06091124)	0.28649 (06091124)	0.27218 (05052124)
3757961.3	0.33392 (06091124)	0.32107 (06091124)	0.30662 (06091124)	0.29108 (06091124)	0.27482 (06091124)
3757931.3	0.33823 (06091124)	0.32559 (06091124)	0.31125 (06091124)	0.29574 (06091124)	0.27941 (06091124)
3757901.3	0.34250 (06091124)	0.33011 (06091124)	0.31594 (06091124)	0.30049 (06091124)	0.28409 (06091124)
3757871.3	0.34671 (06091124)	0.33459 (06091124)	0.32064 (06091124)	0.30528 (06091124)	0.28887 (06091124)
3757841.3	0.35092 (06091124)	0.33904 (06091124)	0.32530 (06091124)	0.31006 (06091124)	0.29369 (06091124)
3757811.3	0.35514 (06091124)	0.34353 (06091124)	0.32999 (06091124)	0.31484 (06091124)	0.29850 (06091124)
3757781.3	0.35931 (06091124)	0.34805 (06091124)	0.33473 (06091124)	0.31967 (06091124)	0.30335 (06091124)
3757751.3	0.36340 (06091124)	0.35255 (06091124)	0.33950 (06091124)	0.32458 (06091124)	0.30830 (06091124)
3757721.3	0.36744 (06091124)	0.35700 (06091124)	0.34424 (06091124)	0.32950 (06091124)	0.31332 (06091124)
3757691.3	0.37146 (06091124)	0.36143 (06091124)	0.34894 (06091124)	0.33442 (06091124)	0.31836 (06091124)
3757661.3	0.37545 (06091124)	0.36587 (06091124)	0.35364 (06091124)	0.33934 (06091124)	0.32341 (06091124)
3757631.3	0.37938 (06091124)	0.37026 (06091124)	0.35837 (06091124)	0.34431 (06091124)	0.32848 (06091124)
3757601.3	0.38323 (06091124)	0.37459 (06091124)	0.36310 (06091124)	0.34931 (06091124)	0.33362 (06091124)
3757571.3	0.38702 (06091124)	0.37884 (06091124)	0.36780 (06091124)	0.35432 (06091124)	0.33880 (06091124)
3757541.3	0.39074 (06091124)	0.38306 (06091124)	0.37247 (06091124)	0.35930 (06091124)	0.34397 (06091124)
3757511.3	0.39436 (06091124)	0.38726 (06091124)	0.37713 (06091124)	0.36426 (06091124)	0.34915 (06091124)
3757481.3	0.39789 (06091124)	0.39140 (06091124)	0.38177 (06091124)	0.36923 (06091124)	0.35437 (06091124)
3757451.3	0.40131 (06091124)	0.39546 (06091124)	0.38635 (06091124)	0.37420 (06091124)	0.35961 (06091124)
3757421.3	0.40465 (06091124)	0.39946 (06091124)	0.39085 (06091124)	0.37916 (06091124)	0.36488 (06091124)
3757391.3	0.40789 (06091124)	0.40338 (06091124)	0.39530 (06091124)	0.38408 (06091124)	0.37015 (06091124)
3757361.3	0.41104 (06091124)	0.40721 (06091124)	0.39971 (06091124)	0.38899 (06091124)	0.37540 (06091124)
3757331.3	0.41408 (06091124)	0.41094 (06091124)	0.40407 (06091124)	0.39387 (06091124)	0.38065 (06091124)
3757301.3	0.41700 (06091124)	0.41456 (06091124)	0.40837 (06091124)	0.39871 (06091124)	0.38588 (06091124)
3757271.3	0.41980 (06091124)	0.41807 (06091124)	0.41258 (06091124)	0.40349 (06091124)	0.39111 (06091124)

*** AERMOD - VERSION 09292 *** Site 17 - PM2.5 *** 10/26/10
 17:26:09
 PAGE 32

***MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372270.44	372300.44	X-COORD (METERS) 372330.44	372360.44	372390.44
3757241.3	0.42246 (06091124)	0.42148 (06091124)	0.41671 (06091124)	0.40821 (06091124)	0.39632 (06091124)
3757211.3	0.42496 (06091124)	0.42480 (06091124)	0.42076 (06091124)	0.41286 (06091124)	0.40151 (06091124)
3757181.3	0.42731 (06091124)	0.42800 (06091124)	0.42472 (06091124)	0.41746 (06091124)	0.40664 (06091124)
3757151.3	0.42951 (06091124)	0.43107 (06091124)	0.42855 (06091124)	0.42199 (06091124)	0.41175 (06091124)
3757121.3	0.43158 (06091124)	0.43402 (06091124)	0.43225 (06091124)	0.42644 (06091124)	0.41681 (06091124)
3757091.3	0.43349 (06091124)	0.43682 (06091124)	0.43585 (06091124)	0.43080 (06091124)	0.42182 (06091124)
3757061.3	0.43522 (06091124)	0.43945 (06091124)	0.43934 (06091124)	0.43508 (06091124)	0.42675 (06091124)
3757031.3	0.43678 (06091124)	0.44191 (06091124)	0.44272 (06091124)	0.43927 (06091124)	0.43161 (06091124)
3757001.3	0.43817 (06091124)	0.44422 (06091124)	0.44596 (06091124)	0.44334 (06091124)	0.43640 (06091124)
3756971.3	0.43936 (06091124)	0.44639 (06091124)	0.44905 (06091124)	0.44726 (06091124)	0.44111 (06091124)

*** AERMOD - VERSION 09292 *** Site 17 - PM2.5 *** 10/26/10
 17:26:09
 PAGE 33

***MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,

Site #17 – Localized PM_{2.5} Concentrations

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372420.44	372450.44	X-COORD (METERS) 372480.44	372510.44	372540.44
3758441.3	0.25774 (06090524)	0.26034 (06090524)	0.26174 (06090524)	0.26196 (06090524)	0.26087 (06090524)
3758411.3	0.25883 (06090524)	0.26159 (06090524)	0.26319 (06090524)	0.26356 (06090524)	0.26265 (06090524)
3758381.3	0.25991 (06090524)	0.26285 (06090524)	0.26464 (06090524)	0.26515 (06090524)	0.26442 (06090524)
3758351.3	0.26095 (06090524)	0.26410 (06090524)	0.26610 (06090524)	0.26676 (06090524)	0.26618 (06090524)
3758321.3	0.26194 (06090524)	0.26531 (06090524)	0.26753 (06090524)	0.26837 (06090524)	0.26796 (06090524)
3758291.3	0.26394 (05052124)	0.26650 (06090524)	0.26892 (06090524)	0.26997 (06090524)	0.26975 (06090524)
3758261.3	0.26626 (05052124)	0.26767 (06090524)	0.27029 (06090524)	0.27155 (06090524)	0.27151 (06090524)
3758231.3	0.26845 (05052124)	0.26884 (06090524)	0.27164 (06090524)	0.27312 (06090524)	0.27325 (06090524)
3758201.3	0.27051 (05052124)	0.27002 (06090524)	0.27300 (06090524)	0.27468 (06090524)	0.27498 (06090524)
3758171.3	0.27241 (05052124)	0.27114 (06090524)	0.27435 (06090524)	0.27624 (06090524)	0.27671 (06090524)
3758141.3	0.27415 (05052124)	0.27224 (06090524)	0.27567 (06090524)	0.27780 (06090524)	0.27845 (06090524)
3758111.3	0.27573 (05052124)	0.27330 (06090524)	0.27696 (06090524)	0.27932 (06090524)	0.28019 (06090524)
3758081.3	0.27714 (05052124)	0.27446 (05052124)	0.27823 (06090524)	0.28080 (06090524)	0.28190 (06090524)
3758051.3	0.27839 (05052124)	0.27682 (05052124)	0.27949 (06090524)	0.28228 (06090524)	0.28360 (06090524)
3758021.3	0.27944 (05052124)	0.27904 (05052124)	0.28075 (06090524)	0.28375 (06090524)	0.28551 (06090524)
3757991.3	0.28032 (05052124)	0.28112 (05052124)	0.28197 (06090524)	0.28522 (06090524)	0.28700 (06090524)
3757961.3	0.28102 (05052124)	0.28303 (05052124)	0.28315 (06090524)	0.28667 (06090524)	0.28868 (06090524)
3757931.3	0.28152 (05052124)	0.28474 (05052124)	0.28432 (06090524)	0.28806 (06090524)	0.29034 (06090524)
3757901.3	0.28182 (05052124)	0.28630 (05052124)	0.28545 (06090524)	0.28946 (06090524)	0.29195 (06090524)
3757871.3	0.28193 (05052124)	0.28768 (05052124)	0.28656 (06090524)	0.29082 (06090524)	0.29356 (06090524)
3757841.3	0.28185 (05052124)	0.28886 (05052124)	0.28803 (05052124)	0.29216 (06090524)	0.29516 (06090524)
3757811.3	0.28156 (05052124)	0.28984 (05052124)	0.29029 (05052124)	0.29349 (06090524)	0.29674 (06090524)
3757781.3	0.28625 (06091124)	0.29063 (05052124)	0.29237 (05052124)	0.29476 (06090524)	0.29833 (06090524)
3757751.3	0.29113 (06091124)	0.29122 (05052124)	0.29426 (05052124)	0.29603 (06090524)	0.29987 (06090524)
3757721.3	0.29612 (06091124)	0.29161 (05052124)	0.29596 (05052124)	0.29729 (06090524)	0.30138 (06090524)
3757691.3	0.30118 (06091124)	0.29178 (05052124)	0.29749 (05052124)	0.29850 (06090524)	0.30289 (06090524)
3757661.3	0.30625 (06091124)	0.29174 (05052124)	0.29881 (05052124)	0.29969 (06090524)	0.30433 (06090524)
3757631.3	0.31134 (06091124)	0.29332 (06091124)	0.29992 (05052124)	0.30082 (06090524)	0.30577 (06090524)
3757601.3	0.31649 (06091124)	0.29844 (06091124)	0.30081 (05052124)	0.30223 (05052124)	0.30717 (06090524)
3757571.3	0.32172 (06091124)	0.30365 (06091124)	0.30150 (05052124)	0.30431 (05052124)	0.30853 (06090524)
3757541.3	0.32701 (06091124)	0.30895 (06091124)	0.30197 (05052124)	0.30619 (05052124)	0.30989 (06090524)
3757511.3	0.33233 (06091124)	0.31430 (06091124)	0.30222 (05052124)	0.30786 (05052124)	0.31123 (06090524)
3757481.3	0.33768 (06091124)	0.31967 (06091124)	0.30222 (05052124)	0.30933 (05052124)	0.31253 (06090524)
3757451.3	0.34308 (06091124)	0.32507 (06091124)	0.30605 (06091124)	0.31059 (05052124)	0.31380 (06090524)
3757421.3	0.34852 (06091124)	0.33054 (06091124)	0.31149 (06091124)	0.31160 (05052124)	0.31500 (06090524)
3757391.3	0.35398 (06091124)	0.33608 (06091124)	0.31704 (06091124)	0.31246 (05052124)	0.31617 (06090524)
3757361.3	0.35944 (06091124)	0.34167 (06091124)	0.32266 (06091124)	0.31297 (05052124)	0.31729 (06090524)
3757331.3	0.36493 (06091124)	0.34731 (06091124)	0.32833 (06091124)	0.31329 (05052124)	0.31886 (05052124)
3757301.3	0.37045 (06091124)	0.35299 (06091124)	0.33403 (06091124)	0.31397 (06091124)	0.32049 (05052124)
3757271.3	0.37598 (06091124)	0.35871 (06091124)	0.33979 (06091124)	0.31968 (06091124)	0.32190 (05052124)

*** AERMOD - VERSION 09292 *** *** Site 17 - PM2.5 ***

10/26/10
17:26:09

***MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372420.44	372450.44	X-COORD (METERS) 372480.44	372510.44	372540.44
3757241.3	0.38154 (06091124)	0.36447 (06091124)	0.34559 (06091124)	0.32548 (06091124)	0.32305 (05052124)
3757211.3	0.38709 (06091124)	0.37025 (06091124)	0.35145 (06091124)	0.33137 (06091124)	0.32396 (05052124)
3757181.3	0.39264 (06091124)	0.37604 (06091124)	0.35739 (06091124)	0.33732 (06091124)	0.32464 (05052124)
3757151.3	0.39817 (06091124)	0.38186 (06091124)	0.36338 (06091124)	0.34335 (06091124)	0.32505 (05052124)
3757121.3	0.40371 (06091124)	0.38768 (06091124)	0.36941 (06091124)	0.34942 (06091124)	0.32823 (06091124)
3757091.3	0.40922 (06091124)	0.39353 (06091124)	0.37547 (06091124)	0.35555 (06091124)	0.33431 (06091124)
3757061.3	0.41470 (06091124)	0.39940 (06091124)	0.38157 (06091124)	0.36173 (06091124)	0.34049 (06091124)
3757031.3	0.42013 (06091124)	0.40527 (06091124)	0.38771 (06091124)	0.36797 (06091124)	0.34674 (06091124)
3757001.3	0.42552 (06091124)	0.41112 (06091124)	0.39387 (06091124)	0.37428 (06091124)	0.35307 (06091124)
3756971.3	0.43088 (06091124)	0.41697 (06091124)	0.40002 (06091124)	0.38064 (06091124)	0.35948 (06091124)

*** AERMOD - VERSION 09292 *** *** Site 17 - PM2.5 ***

10/26/10
17:26:09

***MODELOPTs: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372570.44	372600.44	X-COORD (METERS) 372630.44	372660.44	372690.44
3758441.3	0.25841 (06090524)	0.25927 (07072724)	0.26460 (07072724)	0.26325 (07072724)	0.27033 (07090824)
3758411.3	0.26035 (06090524)	0.25945 (07072724)	0.26566 (07072724)	0.26512 (07072724)	0.26937 (07090824)
3758381.3	0.26229 (06090524)	0.25955 (07072724)	0.26661 (07072724)	0.26692 (07072724)	0.26833 (07090824)
3758351.3	0.26422 (06090524)	0.26089 (06090524)	0.26746 (07072724)	0.26863 (07072724)	0.26722 (07090824)
3758321.3	0.26615 (06090524)	0.26295 (06090524)	0.26822 (07072724)	0.27026 (07072724)	0.26604 (07090824)
3758291.3	0.26809 (06090524)	0.26502 (06090524)	0.26887 (07072724)	0.27179 (07072724)	0.26763 (07072724)
3758261.3	0.27003 (06090524)	0.26710 (06090524)	0.26941 (07072724)	0.27323 (07072724)	0.26991 (07072724)
3758231.3	0.27197 (06090524)	0.26919 (06090524)	0.26984 (07072724)	0.27458 (07072724)	0.27210 (07072724)
3758201.3	0.27388 (06090524)	0.27129 (06090524)	0.27016 (07072724)	0.27583 (07072724)	0.27421 (07072724)
3758171.3	0.27580 (06090524)	0.27338 (06090524)	0.27038 (07072724)	0.27696 (07072724)	0.27622 (07072724)
3758141.3	0.27772 (06090524)	0.27546 (06090524)	0.27171 (06090524)	0.27798 (07072724)	0.27817 (07072724)
3758111.3	0.27965 (06090524)	0.27755 (06090524)	0.27395 (06090524)	0.27890 (07072724)	0.28005 (07072724)
3758081.3	0.28159 (06090524)	0.27965 (06090524)	0.27620 (06090524)	0.27974 (07072724)	0.28182 (07072724)
3758051.3	0.28348 (06090524)	0.28176 (06090524)	0.27845 (06090524)	0.28046 (07072724)	0.28348 (07072724)
3758021.3	0.28536 (06090524)	0.28384 (06090524)	0.28071 (06090524)	0.28104 (07072724)	0.28503 (07072724)
3757991.3	0.28724 (06090524)	0.28591 (06090524)	0.28297 (06090524)	0.28149 (07072724)	0.28650 (07072724)
3757961.3	0.28911 (06090524)	0.28799 (06090524)	0.28521 (06090524)	0.28186 (07072724)	0.28788 (07072724)
3757931.3	0.29099 (06090524)	0.29008 (06090524)	0.28749 (06090524)	0.28326 (06090524)	0.28911 (07072724)
3757901.3	0.29287 (06090524)	0.29217 (06090524)	0.28977 (06090524)	0.28569 (06090524)	0.29020 (07072724)
3757871.3	0.29469 (06090524)	0.29427 (06090524)	0.29204 (06090524)	0.28814 (06090524)	0.29121 (07072724)
3757841.3	0.29654 (06090524)	0.29632 (06090524)	0.29432 (06090524)	0.29057 (06090524)	0.29213 (07072724)

Site #17 – Localized PM_{2.5} Concentrations

3757811.3	0.29840 (06090524)	0.29836 (06090524)	0.29657 (06090524)	0.29302 (06090524)	0.29292 (07072724)
3757781.3	0.30022 (06090524)	0.30041 (06090524)	0.29881 (06090524)	0.29547 (06090524)	0.29355 (07072724)
3757751.3	0.30204 (06090524)	0.30243 (06090524)	0.30109 (06090524)	0.29790 (06090524)	0.29405 (07072724)
3757721.3	0.30380 (06090524)	0.30446 (06090524)	0.30334 (06090524)	0.30038 (06090524)	0.29561 (06090524)
3757691.3	0.30554 (06090524)	0.30647 (06090524)	0.30561 (06090524)	0.30286 (06090524)	0.29826 (06090524)
3757661.3	0.30730 (06090524)	0.30845 (06090524)	0.30788 (06090524)	0.30532 (06090524)	0.30091 (06090524)
3757631.3	0.30901 (06090524)	0.31047 (06090524)	0.31011 (06090524)	0.30780 (06090524)	0.30356 (06090524)
3757601.3	0.31072 (06090524)	0.31246 (06090524)	0.31234 (06090524)	0.31024 (06090524)	0.30622 (06090524)
3757571.3	0.31242 (06090524)	0.31444 (06090524)	0.31457 (06090524)	0.31270 (06090524)	0.30886 (06090524)
3757541.3	0.31408 (06090524)	0.31639 (06090524)	0.31677 (06090524)	0.31516 (06090524)	0.31152 (06090524)
3757511.3	0.31572 (06090524)	0.31830 (06090524)	0.31896 (06090524)	0.31761 (06090524)	0.31421 (06090524)
3757481.3	0.31733 (06090524)	0.32020 (06090524)	0.32113 (06090524)	0.32007 (06090524)	0.31691 (06090524)
3757451.3	0.31889 (06090524)	0.32209 (06090524)	0.32329 (06090524)	0.32252 (06090524)	0.31961 (06090524)
3757421.3	0.32042 (06090524)	0.32394 (06090524)	0.32547 (06090524)	0.32496 (06090524)	0.32229 (06090524)
3757391.3	0.32191 (06090524)	0.32578 (06090524)	0.32762 (06090524)	0.32740 (06090524)	0.32497 (06090524)
3757361.3	0.32338 (06090524)	0.32761 (06090524)	0.32975 (06090524)	0.32983 (06090524)	0.32765 (06090524)
3757331.3	0.32483 (06090524)	0.32940 (06090524)	0.33187 (06090524)	0.33222 (06090524)	0.33033 (06090524)
3757301.3	0.32625 (06090524)	0.33117 (06090524)	0.33395 (06090524)	0.33459 (06090524)	0.33300 (06090524)
3757271.3	0.32765 (06090524)	0.33290 (06090524)	0.33602 (06090524)	0.33696 (06090524)	0.33565 (06090524)

*** AERMOD - VERSION 09292 *** *** Site 17 - PM2.5 ***
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 *** *** ***

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOLL , AREAL , ***
 *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372570.44	372600.44	X-COORD (METERS) 372630.44	372660.44	372690.44
3757241.3	0.32899 (06090524)	0.33458 (06090524)	0.33806 (06090524)	0.33931 (06090524)	0.33833 (06090524)
3757211.3	0.33028 (06090524)	0.33623 (06090524)	0.34005 (06090524)	0.34166 (06090524)	0.34100 (06090524)
3757181.3	0.33152 (06090524)	0.33783 (06090524)	0.34205 (06090524)	0.34400 (06090524)	0.34365 (06090524)
3757151.3	0.33269 (06090524)	0.33941 (06090524)	0.34402 (06090524)	0.34631 (06090524)	0.34629 (06090524)
3757121.3	0.33382 (06090524)	0.34097 (06090524)	0.34596 (06090524)	0.34861 (06090524)	0.34891 (06090524)
3757091.3	0.33491 (06090524)	0.34248 (06090524)	0.34787 (06090524)	0.35088 (06090524)	0.35151 (06090524)
3757061.3	0.33595 (06090524)	0.34395 (06090524)	0.34973 (06090524)	0.35312 (06090524)	0.35409 (06090524)
3757031.3	0.33693 (06090524)	0.34537 (06090524)	0.35155 (06090524)	0.35534 (06090524)	0.35664 (06090524)
3757001.3	0.33785 (06090524)	0.34675 (06090524)	0.35333 (06090524)	0.35752 (06090524)	0.35920 (06090524)
3756971.3	0.33870 (06090524)	0.34807 (06090524)	0.35505 (06090524)	0.35968 (06090524)	0.36174 (06090524)

*** AERMOD - VERSION 09292 *** *** Site 17 - PM2.5 ***
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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOLL , AREAL , ***
 *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372720.44	372750.44	X-COORD (METERS) 372780.44	372810.44	372840.44
3758441.3	0.28907 (07090824)	0.30225 (07090824)	0.30918 (07090824)	0.30951 (07090824)	0.30364 (07090824)
3758411.3	0.28883 (07090824)	0.30278 (07090824)	0.31047 (07090824)	0.31147 (07090824)	0.30616 (07090824)
3758381.3	0.28852 (07090824)	0.30324 (07090824)	0.31166 (07090824)	0.31338 (07090824)	0.30864 (07090824)
3758351.3	0.28814 (07090824)	0.30359 (07090824)	0.31279 (07090824)	0.31522 (07090824)	0.31108 (07090824)
3758321.3	0.28765 (07090824)	0.30384 (07090824)	0.31383 (07090824)	0.31700 (07090824)	0.31347 (07090824)
3758291.3	0.28704 (07090824)	0.30402 (07090824)	0.31480 (07090824)	0.31872 (07090824)	0.31582 (07090824)
3758261.3	0.28635 (07090824)	0.30411 (07090824)	0.31569 (07090824)	0.32035 (07090824)	0.31814 (07090824)
3758231.3	0.28557 (07090824)	0.30412 (07090824)	0.31648 (07090824)	0.32195 (07090824)	0.32042 (07090824)
3758201.3	0.28472 (07090824)	0.30403 (07090824)	0.31720 (07090824)	0.32350 (07090824)	0.32267 (07090824)
3758171.3	0.28377 (07090824)	0.30385 (07090824)	0.31787 (07090824)	0.32499 (07090824)	0.32488 (07090824)
3758141.3	0.28272 (07090824)	0.30362 (07090824)	0.31848 (07090824)	0.32641 (07090824)	0.32705 (07090824)
3758111.3	0.28161 (07090824)	0.30332 (07090824)	0.31900 (07090824)	0.32776 (07090824)	0.32918 (07090824)
3758081.3	0.28043 (07090824)	0.30293 (07090824)	0.31943 (07090824)	0.32905 (07090824)	0.33126 (07090824)
3758051.3	0.27918 (07090824)	0.30242 (07090824)	0.31977 (07090824)	0.33027 (07090824)	0.33329 (07090824)
3758021.3	0.28129 (07072724)	0.30181 (07090824)	0.32003 (07090824)	0.33141 (07090824)	0.33521 (07090824)
3757991.3	0.28369 (07072724)	0.30112 (07090824)	0.32020 (07090824)	0.33242 (07090824)	0.33706 (07090824)
3757961.3	0.28597 (07072724)	0.30033 (07090824)	0.32025 (07090824)	0.33334 (07090824)	0.33885 (07090824)
3757931.3	0.28815 (07072724)	0.29942 (07090824)	0.32017 (07090824)	0.33417 (07090824)	0.34058 (07090824)
3757901.3	0.29026 (07072724)	0.29838 (07090824)	0.32001 (07090824)	0.33493 (07090824)	0.34225 (07090824)
3757871.3	0.29232 (07072724)	0.29725 (07090824)	0.31977 (07090824)	0.33563 (07090824)	0.34383 (07090824)
3757841.3	0.29425 (07072724)	0.29607 (07090824)	0.31947 (07090824)	0.33622 (07090824)	0.34532 (07090824)
3757811.3	0.29605 (07072724)	0.29480 (07090824)	0.31905 (07090824)	0.33670 (07090824)	0.34675 (07090824)
3757781.3	0.29773 (07072724)	0.29352 (07072724)	0.31850 (07090824)	0.33711 (07090824)	0.34813 (07090824)
3757751.3	0.29934 (07072724)	0.29613 (07072724)	0.31788 (07090824)	0.33745 (07090824)	0.34942 (07090824)
3757721.3	0.30084 (07072724)	0.29863 (07072724)	0.31717 (07090824)	0.33768 (07090824)	0.35061 (07090824)
3757691.3	0.30218 (07072724)	0.30100 (07072724)	0.31635 (07090824)	0.33779 (07090824)	0.35168 (07090824)
3757661.3	0.30339 (07072724)	0.30330 (07072724)	0.31539 (07090824)	0.33777 (07090824)	0.35267 (07090824)
3757631.3	0.30450 (07072724)	0.30551 (07072724)	0.31430 (07090824)	0.33766 (07090824)	0.35358 (07090824)
3757601.3	0.30549 (07072724)	0.30762 (07072724)	0.31313 (07090824)	0.33745 (07090824)	0.35438 (07090824)
3757571.3	0.30634 (07072724)	0.30960 (07072724)	0.31185 (07090824)	0.33712 (07090824)	0.35507 (07090824)
3757541.3	0.30705 (07072724)	0.31146 (07072724)	0.31045 (07090824)	0.33667 (07090824)	0.35565 (07090824)
3757511.3	0.30883 (06090524)	0.31320 (07072724)	0.30951 (07072724)	0.33612 (07090824)	0.35614 (07090824)
3757481.3	0.31172 (06090524)	0.31481 (07072724)	0.31224 (07072724)	0.33547 (07090824)	0.35654 (07090824)
3757451.3	0.31461 (06090524)	0.31629 (07072724)	0.31486 (07072724)	0.33471 (07090824)	0.35681 (07090824)
3757421.3	0.31750 (06090524)	0.31765 (07072724)	0.31738 (07072724)	0.33381 (07090824)	0.35695 (07090824)
3757391.3	0.32038 (06090524)	0.31886 (07072724)	0.31978 (07072724)	0.33279 (07090824)	0.35700 (07090824)
3757361.3	0.32327 (06090524)	0.31992 (07072724)	0.32205 (07072724)	0.33167 (07090824)	0.35695 (07090824)
3757331.3	0.32618 (06090524)	0.32084 (07072724)	0.32423 (07072724)	0.33044 (07090824)	0.35676 (07090824)
3757301.3	0.32911 (06090524)	0.32302 (06090524)	0.32629 (07072724)	0.32906 (07090824)	0.35644 (07090824)
3757271.3	0.33205 (06090524)	0.32617 (06090524)	0.32820 (07072724)	0.32755 (07090824)	0.35600 (07090824)

*** AERMOD - VERSION 09292 *** *** Site 17 - PM2.5 ***
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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOLL , AREAL , ***
 *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Site #17 – Localized PM_{2.5} Concentrations

Y-COORD (METERS)		** CONC OF PM2.5		IN MICROGRAMS/M**3		**	
		372720.44	372750.44	X-COORD (METERS)		372810.44	372840.44
3757241.3	0.33498 (06090524)	0.32932 (06090524)	0.32994 (07072724)	0.32694 (07072724)	0.35547 (07090824)		
3757211.3	0.33791 (06090524)	0.33248 (06090524)	0.33156 (07072724)	0.32982 (07072724)	0.35480 (07090824)		
3757181.3	0.34085 (06090524)	0.33563 (06090524)	0.33308 (07072724)	0.33260 (07072724)	0.35396 (07090824)		
3757151.3	0.34378 (06090524)	0.33880 (06090524)	0.33441 (07072724)	0.33523 (07072724)	0.35298 (07090824)		
3757121.3	0.34670 (06090524)	0.34198 (06090524)	0.33557 (07072724)	0.33770 (07072724)	0.35191 (07090824)		
3757091.3	0.34961 (06090524)	0.34517 (06090524)	0.33828 (06090524)	0.34008 (07072724)	0.35071 (07090824)		
3757061.3	0.35251 (06090524)	0.34837 (06090524)	0.34172 (06090524)	0.34235 (07072724)	0.34936 (07090824)		
3757031.3	0.35544 (06090524)	0.35157 (06090524)	0.34516 (06090524)	0.34445 (07072724)	0.34787 (07090824)		
3757001.3	0.35834 (06090524)	0.35480 (06090524)	0.34861 (06090524)	0.34637 (07072724)	0.34627 (07090824)		
3756971.3	0.36123 (06090524)	0.35802 (06090524)	0.35208 (06090524)	0.34816 (07072724)	0.34603 (07072724)		
*** AERMOD - VERSION 09292 ***		*** Site 17 - PM2.5 ***				10/26/10	
						17:26:09	
						PAGE 39	

***MODELOPTs: NonDEFAULT CONC

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NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Y-COORD (METERS)		** CONC OF PM2.5		IN MICROGRAMS/M**3		**	
		372870.44	372900.44	X-COORD (METERS)		372960.44	372990.44
3758441.3	0.29885 (07091824)	0.30592 (07091824)	0.30632 (07091824)	0.30187 (07030724)	0.30520 (05082924)		
3758411.3	0.29943 (07091824)	0.30717 (07091824)	0.30815 (07091824)	0.30352 (07030724)	0.30654 (05082924)		
3758381.3	0.29996 (07091824)	0.30839 (07091824)	0.30995 (07091824)	0.30519 (07030724)	0.30787 (05082924)		
3758351.3	0.30102 (07090824)	0.30954 (07091824)	0.31171 (07091824)	0.30686 (07030724)	0.30918 (05082924)		
3758321.3	0.30389 (07090824)	0.31064 (07091824)	0.31344 (07091824)	0.30914 (07091824)	0.31047 (05082924)		
3758291.3	0.30675 (07090824)	0.31170 (07091824)	0.31514 (07091824)	0.31142 (07091824)	0.31174 (05082924)		
3758261.3	0.30959 (07090824)	0.31271 (07091824)	0.31680 (07091824)	0.31365 (07091824)	0.31298 (05082924)		
3758231.3	0.31242 (07090824)	0.31367 (07091824)	0.31842 (07091824)	0.31587 (07091824)	0.31420 (05082924)		
3758201.3	0.31523 (07090824)	0.31458 (07091824)	0.31999 (07091824)	0.31805 (07091824)	0.31607 (07030724)		
3758171.3	0.31803 (07090824)	0.31540 (07091824)	0.32151 (07091824)	0.32022 (07091824)	0.31799 (07030724)		
3758141.3	0.32081 (07090824)	0.31617 (07091824)	0.32298 (07091824)	0.32237 (07091824)	0.31991 (07030724)		
3758111.3	0.32357 (07090824)	0.31688 (07091824)	0.32442 (07091824)	0.32448 (07091824)	0.32183 (07030724)		
3758081.3	0.32629 (07090824)	0.31754 (07091824)	0.32582 (07091824)	0.32655 (07091824)	0.32373 (07030724)		
3758051.3	0.32896 (07090824)	0.31815 (07091824)	0.32717 (07091824)	0.32858 (07091824)	0.32562 (07030724)		
3758021.3	0.33159 (07090824)	0.32124 (07090824)	0.32846 (07091824)	0.33057 (07091824)	0.32752 (07030724)		
3757991.3	0.33417 (07090824)	0.32439 (07090824)	0.32971 (07091824)	0.33251 (07091824)	0.32943 (07030724)		
3757961.3	0.33672 (07090824)	0.32751 (07090824)	0.33091 (07091824)	0.33442 (07091824)	0.33135 (07030724)		
3757931.3	0.33922 (07090824)	0.33059 (07090824)	0.33206 (07091824)	0.33630 (07091824)	0.33329 (07030724)		
3757901.3	0.34164 (07090824)	0.33364 (07090824)	0.33315 (07091824)	0.33812 (07091824)	0.33525 (07030724)		
3757871.3	0.34401 (07090824)	0.33667 (07090824)	0.33416 (07091824)	0.33989 (07091824)	0.33736 (07091824)		
3757841.3	0.34635 (07090824)	0.33970 (07090824)	0.33511 (07091824)	0.34162 (07091824)	0.33979 (07091824)		
3757811.3	0.34866 (07090824)	0.34270 (07090824)	0.33599 (07091824)	0.34330 (07091824)	0.34219 (07091824)		
3757781.3	0.35091 (07090824)	0.34567 (07090824)	0.33682 (07091824)	0.34493 (07091824)	0.34454 (07091824)		
3757751.3	0.35309 (07090824)	0.34859 (07090824)	0.33760 (07091824)	0.34650 (07091824)	0.34687 (07091824)		
3757721.3	0.35518 (07090824)	0.35147 (07090824)	0.34024 (07090824)	0.34801 (07091824)	0.34916 (07091824)		
3757691.3	0.35721 (07090824)	0.35432 (07090824)	0.34372 (07090824)	0.34947 (07091824)	0.35141 (07091824)		
3757661.3	0.35918 (07090824)	0.35713 (07090824)	0.34716 (07090824)	0.35088 (07091824)	0.35362 (07091824)		
3757631.3	0.36107 (07090824)	0.35987 (07090824)	0.35057 (07090824)	0.35225 (07091824)	0.35579 (07091824)		
3757601.3	0.36286 (07090824)	0.36254 (07090824)	0.35393 (07090824)	0.35355 (07091824)	0.35789 (07091824)		
3757571.3	0.36456 (07090824)	0.36515 (07090824)	0.35727 (07090824)	0.35476 (07091824)	0.35995 (07091824)		
3757541.3	0.36618 (07090824)	0.36770 (07090824)	0.36058 (07090824)	0.35591 (07091824)	0.36196 (07091824)		
3757511.3	0.36772 (07090824)	0.37020 (07090824)	0.36386 (07090824)	0.35699 (07091824)	0.36393 (07091824)		
3757481.3	0.36916 (07090824)	0.37262 (07090824)	0.36709 (07090824)	0.35802 (07091824)	0.36585 (07091824)		
3757451.3	0.37049 (07090824)	0.37496 (07090824)	0.37030 (07090824)	0.35938 (07030724)	0.36771 (07091824)		
3757421.3	0.37174 (07090824)	0.37726 (07090824)	0.37347 (07090824)	0.36124 (07090824)	0.36949 (07091824)		
3757391.3	0.37290 (07090824)	0.37947 (07090824)	0.37659 (07090824)	0.36504 (07090824)	0.37121 (07091824)		
3757361.3	0.37395 (07090824)	0.38159 (07090824)	0.37965 (07090824)	0.36881 (07090824)	0.37289 (07091824)		
3757331.3	0.37488 (07090824)	0.38361 (07090824)	0.38264 (07090824)	0.37257 (07090824)	0.37451 (07091824)		
3757301.3	0.37569 (07090824)	0.38556 (07090824)	0.38559 (07090824)	0.37630 (07090824)	0.37606 (07091824)		
3757271.3	0.37642 (07090824)	0.38743 (07090824)	0.38850 (07090824)	0.38001 (07090824)	0.37751 (07091824)		
*** AERMOD - VERSION 09292 ***		*** Site 17 - PM2.5 ***				10/26/10	
						17:26:09	
						PAGE 40	

***MODELOPTs: NonDEFAULT CONC

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Y-COORD (METERS)		** CONC OF PM2.5		IN MICROGRAMS/M**3		**	
		372870.44	372900.44	X-COORD (METERS)		372960.44	372990.44
3757241.3	0.37706 (07090824)	0.38922 (07090824)	0.39131 (07090824)	0.38366 (07090824)	0.37930 (07030724)		
3757211.3	0.37754 (07090824)	0.39087 (07090824)	0.39404 (07090824)	0.38727 (07090824)	0.38131 (07030724)		
3757181.3	0.37786 (07090824)	0.39238 (07090824)	0.39668 (07090824)	0.39086 (07090824)	0.38331 (07030724)		
3757151.3	0.37806 (07090824)	0.39381 (07090824)	0.39926 (07090824)	0.39441 (07090824)	0.38530 (07030724)		
3757121.3	0.37817 (07090824)	0.39515 (07090824)	0.40177 (07090824)	0.39792 (07090824)	0.38728 (07030724)		
3757091.3	0.37815 (07090824)	0.39637 (07090824)	0.40417 (07090824)	0.40135 (07090824)	0.38927 (07030724)		
3757061.3	0.37797 (07090824)	0.39743 (07090824)	0.40644 (07090824)	0.40469 (07090824)	0.39291 (07090824)		
3757031.3	0.37764 (07090824)	0.39837 (07090824)	0.40863 (07090824)	0.40798 (07090824)	0.39704 (07090824)		
3757001.3	0.37723 (07090824)	0.39923 (07090824)	0.41074 (07090824)	0.41122 (07090824)	0.40116 (07090824)		
3756971.3	0.37670 (07090824)	0.39999 (07090824)	0.41277 (07090824)	0.41439 (07090824)	0.40524 (07090824)		
*** AERMOD - VERSION 09292 ***		*** Site 17 - PM2.5 ***				10/26/10	
						17:26:09	
						PAGE 41	

***MODELOPTs: NonDEFAULT CONC

FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Y-COORD (METERS)		** CONC OF PM2.5		IN MICROGRAMS/M**3		**	

Site #17 – Localized PM_{2.5} Concentrations

3757631.3	0.33807 (07050924)	0.35722 (07050924)	0.37719 (07050924)	0.39770 (07050924)	0.41845 (07050924)
3757601.3	0.33945 (07050924)	0.35878 (07050924)	0.37895 (07050924)	0.39962 (07050924)	0.42063 (07050924)
3757571.3	0.34084 (07050924)	0.36035 (07050924)	0.38073 (07050924)	0.40155 (07050924)	0.42283 (07050924)
3757541.3	0.34224 (07050924)	0.36192 (07050924)	0.38253 (07050924)	0.40350 (07050924)	0.42504 (07050924)
3757511.3	0.34364 (07050924)	0.36350 (07050924)	0.38435 (07050924)	0.40547 (07050924)	0.42727 (07050924)
3757481.3	0.34505 (07050924)	0.36509 (07050924)	0.38618 (07050924)	0.40747 (07050924)	0.42952 (07050924)
3757451.3	0.34646 (07050924)	0.36670 (07050924)	0.38802 (07050924)	0.40951 (07050924)	0.43179 (07050924)
3757421.3	0.34786 (07050924)	0.36832 (07050924)	0.38987 (07050924)	0.41159 (07050924)	0.43407 (07050924)
3757391.3	0.35047 (07030724)	0.36995 (07050924)	0.39171 (07050924)	0.41370 (07050924)	0.43637 (07050924)
3757361.3	0.35345 (07030724)	0.37160 (07050924)	0.39355 (07050924)	0.41585 (07050924)	0.43866 (07050924)
3757331.3	0.35646 (07030724)	0.37328 (07050924)	0.39539 (07050924)	0.41801 (07050924)	0.44101 (07050924)
3757301.3	0.35948 (07030724)	0.37496 (07050924)	0.39724 (07050924)	0.42019 (07050924)	0.44335 (07050924)
3757271.3	0.36251 (07030724)	0.37665 (07050924)	0.39910 (07050924)	0.42237 (07050924)	0.44571 (07050924)

*** AERMOD - VERSION 09292 *** *** Site 17 - PM2.5 ***
 *** *** ***
 10/26/10
 17:26:09
 PAGE 44

***MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	373170.44	373200.44	X-COORD (METERS) 373230.44	373260.44	373290.44
3757241.3	0.36557 (07030724)	0.37834 (07050924)	0.40097 (07050924)	0.42454 (07050924)	0.44809 (07050924)
3757211.3	0.36866 (07030724)	0.38003 (07050924)	0.40287 (07050924)	0.42670 (07050924)	0.45049 (07050924)
3757181.3	0.37179 (07030724)	0.38172 (07050924)	0.40479 (07050924)	0.42885 (07050924)	0.45293 (07050924)
3757151.3	0.37511 (05082924)	0.38341 (07050924)	0.40673 (07050924)	0.43099 (07050924)	0.45539 (07050924)
3757121.3	0.37886 (05082924)	0.38509 (07050924)	0.40868 (07050924)	0.43313 (07050924)	0.45788 (07050924)
3757091.3	0.38263 (05082924)	0.38678 (07050924)	0.41063 (07050924)	0.43528 (07050924)	0.46038 (07050924)
3757061.3	0.38643 (05082924)	0.38848 (07050924)	0.41258 (07050924)	0.43746 (07050924)	0.46290 (07050924)
3757031.3	0.39024 (05082924)	0.39019 (07050924)	0.41454 (07050924)	0.43966 (07050924)	0.46543 (07050924)
3757001.3	0.39406 (05082924)	0.39190 (07050924)	0.41652 (07050924)	0.44190 (07050924)	0.46796 (07050924)
3756971.3	0.39789 (05082924)	0.39361 (07050924)	0.41850 (07050924)	0.44419 (07050924)	0.47049 (07050924)

*** AERMOD - VERSION 09292 *** *** Site 17 - PM2.5 ***
 *** *** ***
 10/26/10
 17:26:09
 PAGE 45

***MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	373320.44	373350.44	X-COORD (METERS) 373380.44	373410.44	373440.44
3758441.3	0.43449 (06060324)	0.46473 (06060324)	0.48837 (06060324)	0.50326 (06060324)	0.50947 (06060324)
3758411.3	0.43473 (06060324)	0.46522 (06060324)	0.48919 (06060324)	0.50434 (06060324)	0.51075 (06060324)
3758381.3	0.43495 (06060324)	0.46571 (06060324)	0.49000 (06060324)	0.50543 (06060324)	0.51202 (06060324)
3758351.3	0.43514 (06060324)	0.46621 (06060324)	0.49079 (06060324)	0.50652 (06060324)	0.51328 (06060324)
3758321.3	0.43530 (06060324)	0.46671 (06060324)	0.49157 (06060324)	0.50763 (06060324)	0.51455 (06060324)
3758291.3	0.43544 (06060324)	0.46721 (06060324)	0.49233 (06060324)	0.50874 (06060324)	0.51584 (06060324)
3758261.3	0.43556 (06060324)	0.46772 (06060324)	0.49308 (06060324)	0.50986 (06060324)	0.51712 (06060324)
3758231.3	0.43565 (06060324)	0.46824 (06060324)	0.49384 (06060324)	0.51098 (06060324)	0.51842 (06060324)
3758201.3	0.43573 (06060324)	0.46875 (06060324)	0.49461 (06060324)	0.51212 (06060324)	0.51973 (06060324)
3758171.3	0.43581 (06060324)	0.46927 (06060324)	0.49538 (06060324)	0.51326 (06060324)	0.52105 (06060324)
3758141.3	0.43590 (06060324)	0.46978 (06060324)	0.49615 (06060324)	0.51439 (06060324)	0.52237 (06060324)
3758111.3	0.43598 (06060324)	0.47026 (06060324)	0.49693 (06060324)	0.51551 (06060324)	0.52371 (06060324)
3758081.3	0.43607 (06060324)	0.47073 (06060324)	0.49772 (06060324)	0.51661 (06060324)	0.52505 (06060324)
3758051.3	0.43615 (06060324)	0.47117 (06060324)	0.49851 (06060324)	0.51770 (06060324)	0.52640 (06060324)
3758021.3	0.43624 (06060324)	0.47158 (06060324)	0.49931 (06060324)	0.51877 (06060324)	0.52777 (06060324)
3757991.3	0.43633 (06060324)	0.47198 (06060324)	0.50012 (06060324)	0.51983 (06060324)	0.52914 (06060324)
3757961.3	0.43642 (06060324)	0.47236 (06060324)	0.50093 (06060324)	0.52088 (06060324)	0.53052 (06060324)
3757931.3	0.43652 (06060324)	0.47273 (06060324)	0.50175 (06060324)	0.52194 (06060324)	0.53192 (06060324)
3757901.3	0.43660 (06060324)	0.47311 (06060324)	0.50257 (06060324)	0.52300 (06060324)	0.53332 (06060324)
3757871.3	0.43665 (06060324)	0.47350 (06060324)	0.50339 (06060324)	0.52407 (06060324)	0.53473 (06060324)
3757841.3	0.43668 (06060324)	0.47388 (06060324)	0.50420 (06060324)	0.52515 (06060324)	0.53615 (06060324)
3757811.3	0.43668 (06060324)	0.47427 (06060324)	0.50498 (06060324)	0.52624 (06060324)	0.53758 (06060324)
3757781.3	0.43666 (06060324)	0.47467 (06060324)	0.50575 (06060324)	0.52734 (06060324)	0.53899 (06060324)
3757751.3	0.43660 (06060324)	0.47507 (06060324)	0.50650 (06060324)	0.52844 (06060324)	0.54040 (06060324)
3757721.3	0.43652 (06060324)	0.47547 (06060324)	0.50723 (06060324)	0.52955 (06060324)	0.54179 (06060324)
3757691.3	0.43643 (06060324)	0.47587 (06060324)	0.50793 (06060324)	0.53067 (06060324)	0.54318 (06060324)
3757661.3	0.43634 (06060324)	0.47628 (06060324)	0.50864 (06060324)	0.53180 (06060324)	0.54456 (06060324)
3757631.3	0.43864 (07050924)	0.47668 (06060324)	0.50935 (06060324)	0.53294 (06060324)	0.54594 (06060324)
3757601.3	0.44107 (07050924)	0.47705 (06060324)	0.51006 (06060324)	0.53409 (06060324)	0.54732 (06060324)
3757571.3	0.44353 (07050924)	0.47739 (06060324)	0.51078 (06060324)	0.53525 (06060324)	0.54871 (06060324)
3757541.3	0.44600 (07050924)	0.47771 (06060324)	0.51151 (06060324)	0.53640 (06060324)	0.55011 (06060324)
3757511.3	0.44848 (07050924)	0.47801 (06060324)	0.51224 (06060324)	0.53753 (06060324)	0.55153 (06060324)
3757481.3	0.45096 (07050924)	0.47828 (06060324)	0.51298 (06060324)	0.53865 (06060324)	0.55295 (06060324)
3757451.3	0.45346 (07050924)	0.47852 (06060324)	0.51372 (06060324)	0.53975 (06060324)	0.55439 (06060324)
3757421.3	0.45598 (07050924)	0.47876 (06060324)	0.51447 (06060324)	0.54084 (06060324)	0.55584 (06060324)
3757391.3	0.45852 (07050924)	0.47998 (07050924)	0.51522 (06060324)	0.54191 (06060324)	0.55729 (06060324)
3757361.3	0.46109 (07050924)	0.48283 (07050924)	0.51598 (06060324)	0.54297 (06060324)	0.55876 (06060324)
3757331.3	0.46368 (07050924)	0.48569 (07050924)	0.51672 (06060324)	0.54404 (06060324)	0.56025 (06060324)
3757301.3	0.46631 (07050924)	0.48856 (07050924)	0.51743 (06060324)	0.54512 (06060324)	0.56174 (06060324)
3757271.3	0.46897 (07050924)	0.49145 (07050924)	0.51813 (06060324)	0.54620 (06060324)	0.56324 (06060324)

*** AERMOD - VERSION 09292 *** *** Site 17 - PM2.5 ***
 *** *** ***
 10/26/10
 17:26:09
 PAGE 46

***MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	373320.44	373350.44	X-COORD (METERS) 373380.44	373410.44	373440.44
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Site #17 – Localized PM_{2.5} Concentrations

3757241.3	0.47167 (07050924)	0.49433 (07050924)	0.51880 (06060324)	0.54730 (06060324)	0.56476 (06060324)
3757211.3	0.47439 (07050924)	0.49724 (07050924)	0.51945 (06060324)	0.54840 (06060324)	0.56629 (06060324)
3757181.3	0.47713 (07050924)	0.50018 (07050924)	0.52177 (07050924)	0.54952 (06060324)	0.56781 (06060324)
3757151.3	0.47988 (07050924)	0.50315 (07050924)	0.52506 (07050924)	0.55064 (06060324)	0.56932 (06060324)
3757121.3	0.48265 (07050924)	0.50616 (07050924)	0.52835 (07050924)	0.55177 (06060324)	0.57083 (06060324)
3757091.3	0.48542 (07050924)	0.50921 (07050924)	0.53166 (07050924)	0.55291 (06060324)	0.57232 (06060324)
3757061.3	0.48820 (07050924)	0.51229 (07050924)	0.53499 (07050924)	0.55474 (07050924)	0.57380 (06060324)
3757031.3	0.49099 (07050924)	0.51541 (07050924)	0.53835 (07050924)	0.55843 (07050924)	0.57526 (06060324)
3757001.3	0.49381 (07050924)	0.51856 (07050924)	0.54175 (07050924)	0.56217 (07050924)	0.57883 (07050924)
3756971.3	0.49666 (07050924)	0.52174 (07050924)	0.54519 (07050924)	0.56594 (07050924)	0.58283 (07050924)
*** AERMOD - VERSION 09292 ***					10/26/10
*** Site 17 - PM2.5					17:26:09
					PAGE 47

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): VOLL, AREAL

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

*** CONC OF PM2.5 IN MICROGRAMS/M**3 ***

Y-COORD (METERS)	372437.24	372558.96	X-COORD (METERS)	372680.68	372802.40	372924.12
3751945.8	2.48052 (07071924)	3.64192 (06062824)	3.83325 (06062824)	3.30906 (05082524)	3.27267 (05101024)	
3751834.1	2.29832 (06071424)	2.99203 (07071924)	4.41169 (06062824)	3.97997 (06062824)	3.69558 (05101024)	
3751722.5	2.79010 (07021124)	2.72557 (06071424)	3.61952 (07071924)	5.26572 (06062824)	4.30326 (05082524)	
3751610.9	3.24489 (06110124)	3.10132 (07021124)	3.26429 (06071424)	4.38580 (07071924)	6.14373 (06062824)	
3751499.2	4.58400 (06110124)	4.47743 (06110124)	3.60944 (05030524)	3.95769 (06071424)	5.80161 (06062824)	
3751387.6	3.90941 (07091324)	4.62632 (06110124)	5.77292 (06110124)	4.28895 (05030524)	4.87712 (06071424)	
3751276.0	3.57340 (07091324)	4.73103 (07091324)	5.09035 (07091324)	6.80883 (06110124)	6.24172 (06110124)	
3751164.4	4.53265 (07020624)	4.65840 (07020624)	4.99136 (07020624)	6.56022 (07091324)	7.25386 (06110124)	
3751052.7	4.38916 (07020624)	5.35958 (07020624)	6.46113 (07020624)	7.81276 (07020624)	9.40978 (07020624)	
3750941.1	5.01450 (05122624)	5.71312 (05122624)	6.43149 (05122624)	7.66982 (07030624)	9.29744 (07030624)	
3750829.5	5.75423 (05122624)	6.94751 (05122624)	8.55412 (05122624)	10.75955 (05122624)	13.83035 (05122624)	
3750717.8	6.54656 (06110924)	7.65061 (06110924)	9.09870 (06110924)	11.24523m (05012424)	15.65264m (05012424)	
3750606.2	7.42680m (05012424)	9.1918m (05012424)	11.17182m (05012424)	13.09791m (05012424)	16.66428 (06012524)	
3750494.6	7.66803 (06012524)	9.09501 (06012524)	10.32102 (06012524)	11.45727c (06111824)	14.93941 (05121124)	
3750382.9	6.70486c (06111824)	7.82404 (06020124)	9.33414 (06020124)	11.47775 (06122024)	14.35025 (07123024)	
3750271.3	6.91987 (06020124)	8.02725 (06122024)	9.54171 (06111624)	11.07941 (07123024)	14.13420 (05111224)	
3750159.7	6.64445 (06111624)	8.31122 (06111624)	8.52620 (07123024)	11.33517 (05111224)	12.12553 (05100924)	
3750048.1	6.77456 (06111624)	7.46641 (05111224)	9.24348 (05111224)	9.53914 (05100924)	9.96951 (05122924)	
3749936.4	6.65073 (05111224)	7.65525 (05111224)	7.71228 (05100924)	8.08124 (05100924)	8.27548 (05122924)	
3749824.8	6.43173 (05111224)	6.36978 (05100924)	6.99398 (05100924)	6.98175 (05122924)	5.82762 (06030424)	
3749713.2	5.35337 (05100924)	6.08999 (05100924)	6.09572 (05060724)	5.48986 (05122924)	4.90045 (05112824)	
*** AERMOD - VERSION 09292 ***					10/26/10	
*** Site 17 - PM2.5					17:26:09	
					PAGE 48	

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): VOLL, AREAL

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

*** CONC OF PM2.5 IN MICROGRAMS/M**3 ***

Y-COORD (METERS)	373045.84	373167.56	X-COORD (METERS)	373289.28	373411.00	373532.72
3751945.8	4.08099 (06090524)	4.89100 (06090524)	4.06643 (06091124)	3.97087 (06091124)	5.81156 (07050924)	
3751834.1	3.32750 (06090524)	5.69159 (06090524)	4.79375 (06090524)	4.80859 (06091124)	6.49196 (07050924)	
3751722.5	4.11429 (05101024)	5.89780 (06090524)	6.23797 (06090524)	5.77683 (06091124)	7.31127 (07050924)	
3751610.9	4.73250 (05082524)	5.30422 (06090524)	7.83229 (06090524)	6.92115 (06090524)	8.31596 (07050924)	
3751499.2	6.92979 (06062824)	5.38207 (05101024)	8.96810 (06090524)	9.33638 (06090524)	9.57991 (07050924)	
3751387.6	7.89998 (06062824)	7.77956 (05082524)	9.14104 (06090524)	12.81548 (06090524)	11.22789 (07050924)	
3751276.0	6.15634 (06071424)	10.71366 (06062824)	8.35751 (05082524)	16.52074 (06090524)	13.64695 (06091124)	
3751164.4	9.08510 (06110124)	8.75419m (05010924)	14.47941 (06062824)	19.64516 (06090524)	21.07092 (06090524)	
3751052.7	9.89170 (07091324)	12.03377 (06110124)	14.35637m (05010924)	22.65811 (06062824)	37.63139 (06090524)	
3750941.1	12.09634 (07020624)	17.71592 (07020624)	22.92625 (07020624)	38.33610 (05021824)	78.71884 (06090524)	
3750829.5	18.14030 (05122624)	24.34017 (05122624)	34.46976 (05122624)	76.28007 (07112524)	296.02220 (06121424)	
3750717.8	21.83901m (05012424)	30.26626m (05012424)	45.79210m (05012424)	85.16407m (05012424)	302.80544 (05120824)	
3750606.2	20.88876 (06012524)	29.01266 (05121124)	47.72135 (05121124)	64.75234 (05120824)	76.61510 (07081524)	
3750494.6	19.90386 (05121124)	25.92405 (05110524)	34.03919 (05120824)	32.09859 (06121824)	49.34585 (07081524)	
3750382.9	18.11544 (05110524)	22.21921 (05100924)	21.59183 (05122924)	21.50373 (06010524)	36.89725 (07081524)	
3750271.3	15.98884 (05100924)	16.97751 (05102924)	14.82464 (06120424)	15.15328 (05020424)	29.27930 (07081524)	
3750159.7	12.97768 (05122924)	10.17046 (05122924)	12.06557 (06120424)	11.71672 (05020424)	23.87415 (07081524)	
3750048.1	9.52113 (05122924)	8.89455 (06120424)	8.90666 (06010524)	8.74848 (06112824)	19.36378 (07081524)	
3749936.4	6.72641 (05112824)	7.88806 (06120424)	8.08054 (05020424)	7.25841 (05102624)	16.79987 (07081524)	
3749824.8	5.98003 (06120424)	6.45417 (06120424)	6.95478 (05020424)	6.61019 (07081524)	14.49793 (07081524)	
3749713.2	5.56988 (06120424)	5.24415 (05020424)	5.73978 (05020424)	6.27379 (07081524)	12.72088 (07081524)	
*** AERMOD - VERSION 09292 ***					10/26/10	
*** Site 17 - PM2.5					17:26:09	
					PAGE 49	

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): VOLL, AREAL

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

*** CONC OF PM2.5 IN MICROGRAMS/M**3 ***

Y-COORD (METERS)	373654.44	373776.16	X-COORD (METERS)	373897.88	374019.60	374141.32
3751945.8	4.94302 (07083124)	5.85725 (07083124)	5.19782 (07083124)	4.75470 (05052624)	4.62602 (07071524)	
3751834.1	5.89131 (07083124)	6.86793 (07083124)	5.48405 (07083124)	5.03080 (05052624)	6.42059 (07071524)	
3751722.5	7.18238 (07083124)	8.05335 (07083124)	6.30012 (05052624)	5.92270 (07071524)	7.17905 (07071524)	
3751610.9	8.99000 (07083124)	9.33831 (07083124)	7.53817 (05052624)	8.62982 (07071524)	6.05412 (07071524)	
3751499.2	11.56338 (07083124)	10.70128 (07083124)	8.40295 (05052624)	9.62071 (07071524)	6.54699 (07092824)	
3751387.6	15.25901 (07083124)	11.87669 (07083124)	12.40592 (07071524)	7.87261 (07031824)	9.09932 (07092824)	
3751276.0	20.61126 (07083124)	14.64427 (05052624)	14.17306 (07071524)	12.28700 (07092824)	13.88478 (06101024)	
3751164.4	28.48725 (07083124)	20.44019 (07071524)	17.67289 (07092824)	21.49826 (06101024)	22.31543 (06101024)	
3751052.7	41.75834 (07083124)	28.97472 (07031824)	36.59117 (06101024)	29.66829 (06101024)	17.51875 (06052024)	
3750941.1	79.81491 (07083124)	70.37288 (06101024)	37.71956 (06101024)	24.83177 (05081824)	18.76830 (05081824)	
3750829.5	288.57133 (05111824)	63.09180 (05102324)	33.36010 (05102324)	20.86328 (05102324)	13.40755 (05102324)	

Site #17 – Localized PM_{2.5} Concentrations

3750717.8	261.01626 (07013024)	55.32695 (06051424)	29.93544 (06060724)	20.41012 (06060724)	14.22449 (06060724)
3750606.2	62.10177 (07081524)	25.71321 (05012924)	17.44753 (05070424)	12.56204 (07110724)	11.37667 (07110724)
3750494.6	36.38061 (07081524)	15.48684 (05061324)	13.07719 (05012924)	11.13153 (06051424)	9.01484 (05070224)
3750382.9	26.28441 (07081524)	13.04648 (05120324)	8.72427 (05040924)	8.38599 (05012924)	8.44594 (06051424)
3750271.3	20.77976 (07081524)	10.43317 (05120324)	7.41721 (07021324)	6.46918 (07092724)	6.20357 (05082324)
3750159.7	17.26146 (07081524)	7.77859 (05120324)	6.61727 (05120324)	5.41845 (07090824)	5.26371 (07092724)
3750048.1	14.78050 (07081524)	6.25933 (07120824)	5.86500 (05120324)	4.76027 (07021324)	4.47745 (06071724)
3749936.4	12.90632 (07081524)	5.61401 (07120824)	4.80935 (05120324)	4.25015 (05081524)	5.03814 (07090824)
3749824.8	11.42237 (07081524)	4.97179 (07120824)	3.90042 (05091724)	4.09981 (05081524)	3.38091 (07090824)
3749713.2	10.20996 (07081524)	4.39237 (07120824)	3.87806 (05091724)	3.31465 (05120324)	3.09009 (05081524)
*** AERMOD - VERSION 09292 ***	*** Site 17 - PM2.5				10/26/10
					17:26:09
					PAGE 50

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,
 *** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***
 ** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	374263.04	374384.76	X-COORD (METERS) 374506.48	374628.20	374749.92
3751945.8	5.61323 (07071524)	3.15384 (07071524)	3.08478 (07092824)	3.75159 (07092824)	2.96496 (07092824)
3751834.1	5.02216 (07071524)	3.33408 (07031824)	4.31092 (07092824)	3.59740 (07092824)	3.69546 (06101024)
3751722.5	3.83003 (07031824)	4.94194 (07092824)	4.42260 (07092824)	4.50732 (06101024)	5.79923 (06101024)
3751610.9	5.66791 (07092824)	5.51551 (07092824)	5.62893 (06101024)	7.14323 (06101024)	7.14358 (06101024)
3751499.2	6.99872 (07092824)	7.24898 (06101024)	9.05614 (06101024)	8.86527 (06101024)	7.86295 (06101024)
3751387.6	9.73632 (06101024)	11.90185 (06101024)	11.10208 (06101024)	8.92703 (06101024)	6.20429 (06101024)
3751276.0	16.20003 (06101024)	13.57613 (06101024)	9.28802 (06101024)	7.00392 (06052024)	5.91093 (05092024)
3751164.4	15.43754 (06101024)	10.40212 (06052024)	8.60812 (05090224)	7.98329 (05090224)	7.51377 (05081824)
3751052.7	13.50040 (05081824)	12.30186 (05081824)	10.32049 (05081824)	8.23473 (05081824)	6.33558 (05081824)
3750941.1	13.39125 (05081824)	9.94991 (06050424)	8.41796 (06050424)	7.15293 (06050424)	6.07238 (06050424)
3750829.5	9.68674 (06050424)	7.23005 (06050424)	5.85902 (07051524)	4.90819 (07051524)	4.19391 (07051524)
3750717.8	11.19280 (07051524)	9.17058 (07051524)	7.59673 (07051524)	6.37143 (07051524)	5.41298 (07051524)
3750606.2	9.29300 (07110724)	7.55872 (06060724)	6.16931 (06060724)	5.17637 (06060724)	4.45339 (07051524)
3750494.6	6.59557 (05070224)	6.83158 (07110724)	6.32966 (07110724)	5.27065 (07110724)	4.08158 (07110724)
3750382.9	6.27481 (05070224)	5.95853 (05070224)	4.46831 (05070224)	4.38277 (07110724)	4.50310 (07110724)
3750271.3	6.38685 (06051424)	5.33573 (06051424)	4.66077 (05070224)	4.24623 (05070224)	3.28361 (05070224)
3750159.7	4.81656 (05082324)	5.05972 (05082324)	4.72013 (06051424)	3.38967 (05070224)	3.56128 (05070224)
3750048.1	4.16981 (07092724)	3.85517 (05082324)	4.29709 (05082324)	4.02817 (06051424)	3.19529 (06051424)
3749936.4	3.61553 (07092724)	3.23377 (07092724)	3.16128 (05082324)	3.67261 (05082324)	3.36421 (06051424)
3749824.8	4.67900 (07090824)	3.45225 (07092724)	2.54183 (05012924)	2.66633 (07013024)	3.16032 (05082324)
3749713.2	4.38307 (07090824)	3.60509 (07090824)	3.12605 (07092724)	2.17408 (05012924)	2.31406 (07013024)
*** AERMOD - VERSION 09292 ***	*** Site 17 - PM2.5				10/26/10
					17:26:09
					PAGE 51

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,
 *** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***
 ** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	374871.64		X-COORD (METERS)		
3751945.8	3.08775 (06101024)				
3751834.1	4.81077 (06101024)				
3751722.5	5.88667 (06101024)				
3751610.9	6.62762 (06101024)				
3751499.2	6.33669 (06101024)				
3751387.6	5.09556 (06052024)				
3751276.0	5.88782 (05090224)				
3751164.4	6.71748 (05081824)				
3751052.7	4.97708 (06050424)				
3750941.1	5.14982 (06050424)				
3750829.5	3.63955 (07051524)				
3750717.8	4.65585 (07051524)				
3750606.2	4.07306 (07051524)				
3750494.6	3.40317 (07090724)				
3750382.9	4.12341 (07110724)				
3750271.3	2.93394 (07110724)				
3750159.7	3.19597 (05070224)				
3750048.1	2.80022 (05070224)				
3749936.4	3.02896 (06051424)				
3749824.8	2.78104 (06051424)				
3749713.2	2.73924 (05082324)				
*** AERMOD - VERSION 09292 ***	*** Site 17 - PM2.5				10/26/10
					17:26:09
					PAGE 52

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 3 YEARS ***
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
372647.17	3750290.48	8.96686 (06122024)	373224.49	3750294.52	16.72962 (05122924)
373809.89	3750290.48	10.08487 (05120324)	374411.43	3750290.48	4.72690 (05070224)
373842.19	3751158.48	18.25735 (07071524)	373822.00	3751416.86	10.69970 (05052624)
374060.20	3751340.15	10.34600 (07092824)			
*** AERMOD - VERSION 09292 ***	*** Site 17 - PM2.5				10/26/10
					17:26:09
					PAGE 53

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 3 YEARS ***

Site #17 – Localized PM_{2.5} Concentrations

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** CONC OF PM2.5      IN MICROGRAMS/M**3      **

GROUP ID              AVERAGE CONC              RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE NETWORK
-----
ALL      1ST HIGHEST VALUE IS      198.30915 AT ( 373532.72, 3750829.46, 10.00, 10.00, 0.00) GC UCART2
        2ND HIGHEST VALUE IS      190.57969 AT ( 373532.72, 3750717.83, 10.00, 10.00, 0.00) GC UCART2
        3RD HIGHEST VALUE IS      187.20675 AT ( 373654.44, 3750829.46, 10.00, 10.00, 0.00) GC UCART2
        4TH HIGHEST VALUE IS      163.17150 AT ( 373654.44, 3750717.83, 10.00, 10.00, 0.00) GC UCART2
        5TH HIGHEST VALUE IS      29.78018 AT ( 373411.00, 3750717.83, 10.00, 10.00, 0.00) GC UCART2
        6TH HIGHEST VALUE IS      25.14665 AT ( 373654.44, 3750941.09, 10.00, 10.00, 0.00) GC UCART2
        7TH HIGHEST VALUE IS      18.93243 AT ( 373776.16, 3750829.46, 10.00, 10.00, 0.00) GC UCART2
        8TH HIGHEST VALUE IS      18.87453 AT ( 373411.00, 3750829.46, 10.00, 10.00, 0.00) GC UCART2
        9TH HIGHEST VALUE IS      16.86208 AT ( 373776.16, 3750941.09, 10.00, 10.00, 0.00) GC UCART2
        10TH HIGHEST VALUE IS     16.60139 AT ( 373411.00, 3750606.20, 10.00, 10.00, 0.00) GC UCART2

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```

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

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*** AERMOD - VERSION 09292 ***      *** Site 17 - PM2.5      ***      10/26/10
***                                     ***                                     ***      17:26:09
***                                     ***                                     ***      PAGE 54

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**MODELOPTs:  NonDEFAULT CONC              FLAT
                                                    NODRYDPLT NOWETDPLT

```

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

```

** CONC OF PM2.5      IN MICROGRAMS/M**3      **

GROUP ID              AVERAGE CONC              DATE              RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE NETWORK
-----
ALL      HIGH 1ST HIGH VALUE IS      302.80544 ON 05120824: AT ( 373532.72, 3750717.83, 10.00, 10.00, 0.00) GC UCART2

```

```

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

```

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*** AERMOD - VERSION 09292 ***      *** Site 17 - PM2.5      ***      10/26/10
***                                     ***                                     ***      17:26:09
***                                     ***                                     ***      PAGE 55

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**MODELOPTs:  NonDEFAULT CONC              FLAT
                                                    NODRYDPLT NOWETDPLT

```

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

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

```

A Total of      0 Fatal Error Message(s)
A Total of      0 Warning Message(s)
A Total of     152 Informational Message(s)

A Total of     26280 Hours Were Processed

A Total of      15 Calm Hours Identified

A Total of     137 Missing Hours Identified ( 0.52 Percent)

```

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

```

```

***** WARNING MESSAGES *****
*** NONE ***

```

```

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

```

Title : Crenshaw - Operational Emissions (PM10)
 Version : Emfac2007 V2.3 Nov 1 2006
 Run Date : 2008/09/03 10:45:48
 Scen Year: 2030 -- All model years in the range 1986 to 2030 selected
 Season : Annual
 Area : Los Angeles (SC)

 Year: 2030 -- Model Years 1986 to 2030 Inclusive -- Annual
 Emfac2007 Emission Factors: V2.3 Nov 1 2006

Los Angeles (SC) Los Angeles (SC) Los Angeles (SC)

Table 1: Running Exhaust Emissions (grams/mile)

Pollutant Name: Total Organic Gases Temperature: 63F Relative Humidity: 66%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
23	0.021	0.040	0.058	0.314	0.553	2.387	0.060

Pollutant Name: Carbon Monoxide Temperature: 63F Relative Humidity: 66%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
23	0.670	1.228	1.397	1.552	4.086	15.388	1.059

Pollutant Name: Oxides of Nitrogen Temperature: 63F Relative Humidity: 66%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
23	0.046	0.099	0.185	2.425	7.416	1.039	0.230

Pollutant Name: Sulfur Dioxide Temperature: 63F Relative Humidity: 66%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
23	0.004	0.005	0.007	0.017	0.017	0.002	0.005

Pollutant Name: PM10 Temperature: 63F Relative Humidity: 66%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
23	0.015	0.035	0.035	0.103	0.158	0.016	0.029

Pollutant Name: PM10 - Tire Wear Temperature: 63F Relative Humidity: 66%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
23	0.008	0.008	0.009	0.025	0.010	0.004	0.009

Pollutant Name: PM10 - Brake Wear Temperature: 63F Relative Humidity: 66%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
23	0.013	0.013	0.013	0.021	0.013	0.006	0.013

Site #22 – Localized CO Concentrations

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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 6.7.1
** Lakes Environmental Software Inc.
** Date: 10/26/2010
** File: C:\Documents and Settings\jbailey\Desktop\Site 22\CO.ADI
**
*****
**
**
** AERMOD Control Pathway
*****
**
**
CO STARTING
TITLEONE Site 22 - CO
MODELOPT CONC NODRYDPLT NOWETDPLT FLAT
AVERTIME 1 8
URBANOPT 9862049
POLLUTID CO
RUNORNOT RUN
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION VOL1 VOLUME 372838.811 3751633.015 0.0
** DESCRSRC Equipment
** Source Parameters **
SRCPARAM VOL1 0.1118 4.100 27.674 1.163
URBANSRC VOL1
CONCUNIT 873.2 GRAMS/SEC PPM
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
GRIDCART UCART1 STA
XYINC 371513.98 21 138.69 3750177.52 21 129.19
GRIDCART UCART1 END
** DESCRREC ** **
DISCCART 372687.37 3751957.29
DISCCART 372914.88 3751945.62
DISCCART 373051.97 3751954.38
DISCCART 373154.06 3752021.46
DISCCART 373279.49 3752047.71
DISCCART 372652.37 3751356.42
DISCCART 372789.46 3751359.34
DISCCART 372909.05 3751359.34
DISCCART 372911.97 3751496.43
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
SURFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC"
PROFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL"
SURFDATA 0 2005
UAIRDATA 3190 2005
PROFBASE 10 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 1 1ST
RECTABLE 8 1ST
** Auto-Generated Plotfiles
PLOTFILE 1 ALL 1ST CO.AD\01H1GALL.PLT
PLOTFILE 8 ALL 1ST CO.AD\08H1GALL.PLT
OU FINISHED

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

*** AERMOD - VERSION 09292 ***      *** Site 22 - CO      ***      10/26/10
***                               ***                      ***      17:49:43
***                               ***                      ***      PAGE 1

**MODELOPTs:  NonDEFAULT CONC      FLAT
                                         NODRYDPLT NOWETDPLT

***      MODEL SETUP OPTIONS SUMMARY      ***
-----
**Model Is Setup For Calculation of Average CONCentration Values.
-- DEPOSITION LOGIC --
**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION.  DRYDPLT = F
**Model Uses NO WET DEPLETION.  WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for      1 Source(s),
for Total of      1 Urban Area(s):

```


Site #22 – Localized CO Concentrations

Y-COORD (METERS)	X-COORD (METERS)
3752761.3	0.00739 (05082707)
3752632.1	0.01080 (05082707)
3752502.9	0.00916 (05082707)
3752373.8	0.00430 (06081407)
3752244.6	0.00544 (06081407)
3752115.4	0.00401 (06073107)
3751986.2	0.00267 (05071903)
3751857.0	0.00291 (05091722)
3751727.8	0.00308 (06061524)
3751598.6	0.00385 (07092707)
3751469.4	0.00336 (07031508)
3751340.2	0.00727 (07031508)
3751211.0	0.00452 (07031508)
3751081.9	0.00263 (07081201)
3750952.7	0.00269 (07082904)
3750823.5	0.00452 (07091107)
3750694.3	0.00658 (07091107)
3750565.1	0.00456 (07091107)
3750435.9	0.00342 (06081607)
3750306.7	0.00559 (06081607)
3750177.5	0.00560 (06081607)

*** AERMOD - VERSION 09292 *** *** Site 22 - CO *** 10/26/10
 *** *** *** 17:49:43
 *** *** *** PAGE 13

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO		IN PPM		**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372687.37	3751957.29	0.02159	(06090607)	372914.88	3751945.62	0.01819	(07122005)
373051.97	3751954.38	0.01887	(05082807)	373154.06	3752021.46	0.01027	(06090306)
373279.49	3752047.71	0.00962	(06102522)	372652.37	3751356.42	0.02194	(07070203)
372789.46	3751359.34	0.02700	(07081701)	372909.05	3751359.34	0.02365	(05091702)

*** AERMOD - VERSION 09292 *** *** Site 22 - CO *** 10/26/10
 *** *** *** 17:49:43
 *** *** *** PAGE 14

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO		IN PPM		**			
Y-COORD (METERS)	X-COORD (METERS)	CONC	(YYMMDDHH)	Y-COORD (METERS)	X-COORD (METERS)	CONC	(YYMMDDHH)
3752761.3	371513.98	0.00082	(05010416)	371791.36	371930.05	0.00090	(06090408)
3752632.1	371652.67	0.00064	(06053008)	371791.36	371930.05	0.00090	(06090408)
3752502.9		0.00085	(07090908)	371791.36	371930.05	0.00090	(06090408)
3752373.8		0.00127	(07090908)	371791.36	371930.05	0.00090	(06090408)
3752244.6		0.00101	(07090908)	371791.36	371930.05	0.00090	(06090408)
3752115.4		0.00058	(06090808)	371791.36	371930.05	0.00090	(06090408)
3751986.2		0.00069	(06060508)	371791.36	371930.05	0.00090	(06090408)
3751857.0		0.00073	(06060508)	371791.36	371930.05	0.00090	(06090408)
3751727.8		0.00086	(05052808)	371791.36	371930.05	0.00090	(06090408)
3751598.6		0.00103	(05122608)	371791.36	371930.05	0.00090	(06090408)
3751469.4		0.00099	(05122608)	371791.36	371930.05	0.00090	(06090408)
3751340.2		0.00097	(07011708)	371791.36	371930.05	0.00090	(06090408)
3751211.0		0.00094	(05083108)	371791.36	371930.05	0.00090	(06090408)
3751081.9		0.00096	(05083108)	371791.36	371930.05	0.00090	(06090408)
3750952.7		0.00101	(07030608)	371791.36	371930.05	0.00090	(06090408)
3750823.5		0.00104	(06122008)	371791.36	371930.05	0.00090	(06090408)
3750694.3		0.00116	(06110508)	371791.36	371930.05	0.00090	(06090408)
3750565.1		0.00125	(06053108)	371791.36	371930.05	0.00090	(06090408)
3750435.9		0.00127	(06053108)	371791.36	371930.05	0.00090	(06090408)
3750306.7		0.00133	(07070108)	371791.36	371930.05	0.00090	(06090408)
3750177.5		0.00110	(07070108)	371791.36	371930.05	0.00090	(06090408)
		0.00082	(06090208)	371791.36	371930.05	0.00090	(06090408)

*** AERMOD - VERSION 09292 *** *** Site 22 - CO *** 10/26/10
 *** *** *** 17:49:43
 *** *** *** PAGE 15

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO		IN PPM		**			
Y-COORD (METERS)	X-COORD (METERS)	CONC	(YYMMDDHH)	Y-COORD (METERS)	X-COORD (METERS)	CONC	(YYMMDDHH)
3752761.3	372207.43	0.00112	(06042608)	372484.81	372623.50	0.00088	(07050908)
3752632.1	372346.12	0.00098	(06042608)	372484.81	372623.50	0.00088	(07050908)
3752502.9		0.00143	(06090408)	372484.81	372623.50	0.00088	(07050908)
3752373.8		0.00174	(06090408)	372484.81	372623.50	0.00088	(07050908)
3752244.6		0.00122	(06053008)	372484.81	372623.50	0.00088	(07050908)
3752115.4		0.00175	(07090908)	372484.81	372623.50	0.00088	(07050908)
3751986.2		0.00214	(07090908)	372484.81	372623.50	0.00088	(07050908)
3751857.0		0.00195	(06060508)	372484.81	372623.50	0.00088	(07050908)
3751727.8		0.00282	(05122608)	372484.81	372623.50	0.00088	(07050908)
3751598.6		0.00294	(05122608)	372484.81	372623.50	0.00088	(07050908)
3751469.4		0.00275	(05083108)	372484.81	372623.50	0.00088	(07050908)
3751340.2		0.00302	(06122008)	372484.81	372623.50	0.00088	(07050908)
3751211.0		0.00278	(06053108)	372484.81	372623.50	0.00088	(07050908)

Site #22 – Localized CO Concentrations

3751081.9	0.00299 (06053108)	0.00278 (05122908)	0.00325 (05112808)	0.00300 (06011008)	0.00288 (07081508)
3750952.7	0.00206 (07070108)	0.00217 (07121308)	0.00240 (05112808)	0.00226 (06010924)	0.00235 (07081508)
3750823.5	0.00157 (05122908)	0.00192 (05112808)	0.00176 (06011008)	0.00174 (06010924)	0.00196 (07081508)
3750694.3	0.00146 (05112808)	0.00149 (05112808)	0.00139 (06011008)	0.00134 (06010924)	0.00166 (07081508)
3750565.1	0.00129 (05112808)	0.00119 (06011008)	0.00117 (06010924)	0.00108 (06012408)	0.00144 (07081508)
3750435.9	0.00104 (05112808)	0.00101 (06011008)	0.00099 (06010924)	0.00091 (06012408)	0.00126 (07081508)
3750306.7	0.00087 (07032008)	0.00084 (06011008)	0.00084 (06010924)	0.00078 (06012408)	0.00111 (07081508)
3750177.5	0.00087 (07032008)	0.00074 (06010924)	0.00071 (06010924)	0.00066 (06012408)	0.00099 (07081508)

*** AERMOD - VERSION 09292 *** *** Site 22 - CO ***
 *** *** *** *** ***
 10/26/10
 17:49:43
 PAGE 16

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Y-COORD (METERS)	** CONC OF CO		IN PPM	**	
	X-COORD (METERS)				
	372900.88	373039.57	373178.26	373316.95	373455.64
3752761.3	0.00116 (06082908)	0.00123 (07083108)	0.00089 (07083108)	0.00092 (05110224)	0.00145 (05082808)
3752632.1	0.00134 (06082908)	0.00142 (07083108)	0.00108 (05110224)	0.00134 (05082808)	0.00137 (05082808)
3752502.9	0.00159 (06082908)	0.00163 (07083108)	0.00137 (05110224)	0.00177 (05082808)	0.00102 (07071024)
3752373.8	0.00201 (07083108)	0.00186 (07083108)	0.00172 (05110224)	0.00159 (05082808)	0.00126 (06051624)
3752244.6	0.00273 (07083108)	0.00227 (05110224)	0.00233 (05082808)	0.00170 (06051624)	0.00150 (05071708)
3752115.4	0.00392 (07083108)	0.00332 (05110224)	0.00242 (05092224)	0.00217 (05071708)	0.00247 (05082708)
3751986.2	0.00613 (07083108)	0.00460 (05110224)	0.00357 (05071708)	0.00346 (05082708)	0.00249 (05082708)
3751857.0	0.01062 (07083108)	0.00734 (05071708)	0.00540 (06042824)	0.00362 (05090224)	0.00294 (05090224)
3751727.8	0.02657 (05071708)	0.01236 (07111724)	0.00661 (05090224)	0.00378 (05121424)	0.00252 (07120224)
3751598.6	0.05159 (06051408)	0.01332 (07090708)	0.00638c(06072908)	0.00384c(06072908)	0.00259c(06072908)
3751469.4	0.01445 (05120308)	0.00862 (05012908)	0.00479 (05070208)	0.00299 (07090708)	0.00234 (07090708)
3751340.2	0.00613 (05120308)	0.00460 (07090808)	0.00381 (05012908)	0.00254 (05070208)	0.00204 (05070208)
3751211.0	0.00362 (07081424)	0.00359 (05120308)	0.00279 (07090808)	0.00223 (05012908)	0.00175 (07091108)
3751081.9	0.00271 (07081508)	0.00259 (05120308)	0.00281 (07090808)	0.00169 (05012908)	0.00150 (06081608)
3750952.7	0.00216 (07081508)	0.00183 (05120308)	0.00174 (05120308)	0.00244 (07090808)	0.00123 (05012908)
3750823.5	0.00178 (07081508)	0.00132 (05120308)	0.00145 (05120308)	0.00192 (07090808)	0.00182 (07090808)
3750694.3	0.00150 (07081508)	0.00102 (07022824)	0.00117 (05120308)	0.00132 (05120308)	0.00197 (07090808)
3750565.1	0.00129 (07081508)	0.00084 (07022824)	0.00093 (05120308)	0.00115 (05120308)	0.00142 (07090808)
3750435.9	0.00112 (07081508)	0.00070 (07022824)	0.00075 (05120308)	0.00081 (05120308)	0.00107 (05120308)
3750306.7	0.00099 (07081508)	0.00060 (07030108)	0.00061 (05120308)	0.00069 (05120308)	0.00101 (05120308)
3750177.5	0.00088 (07081508)	0.00054 (07081424)	0.00051 (07011324)	0.00058 (05120308)	0.00078 (05120308)

*** AERMOD - VERSION 09292 *** *** Site 22 - CO ***
 *** *** *** *** ***
 10/26/10
 17:49:43
 PAGE 17

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Y-COORD (METERS)	** CONC OF CO		IN PPM	**	
	X-COORD (METERS)				
	373594.33	373733.02	373871.71	374010.40	374149.09
3752761.3	0.00089 (05082808)	0.00067 (06051624)	0.00064 (05071708)	0.00059 (05071708)	0.00067 (05082708)
3752632.1	0.00079 (06051624)	0.00077 (05071708)	0.00071 (05071708)	0.00083 (05082708)	0.00127 (05082708)
3752502.9	0.00097 (06051624)	0.00088 (05071708)	0.00105 (05082708)	0.00153 (05082708)	0.00159 (05082708)
3752373.8	0.00112 (05071708)	0.00136 (05082708)	0.00183 (05082708)	0.00167 (05082708)	0.00112 (05082708)
3752244.6	0.00181 (05082708)	0.00216 (05082708)	0.00164 (05082708)	0.00092 (05082424)	0.00085 (06081408)
3752115.4	0.00243 (05082708)	0.00144 (05082708)	0.00115 (07090724)	0.00111 (05090224)	0.00100 (05090224)
3751986.2	0.00184 (05090224)	0.00169 (05090224)	0.00142 (05090224)	0.00114 (05090224)	0.00089 (05081824)
3751857.0	0.00215 (05090224)	0.00155 (05121424)	0.00124 (05121424)	0.00100 (05121424)	0.00081 (05081724)
3751727.8	0.00194 (07120224)	0.00153 (07120224)	0.00124 (07120224)	0.00102 (07120224)	0.00086 (07120224)
3751598.6	0.00188c(06072908)	0.00143c(06072908)	0.00115 (07080208)	0.00096 (07080208)	0.00081 (07080208)
3751469.4	0.00181 (07090708)	0.00149c(06072908)	0.00123c(06072908)	0.00103c(06072908)	0.00087c(06072908)
3751340.2	0.00141 (05070208)	0.00112 (07090708)	0.00101 (07031508)	0.00110 (07031508)	0.00109 (07031508)
3751211.0	0.00144 (05070208)	0.00119 (05070208)	0.00090 (05070208)	0.00066 (05070208)	0.00061 (07090708)
3751081.9	0.00129 (07091108)	0.00132 (07091108)	0.00094 (05070208)	0.00080 (05070208)	0.00064 (05070208)
3750952.7	0.00128 (06081608)	0.00096 (05021408)	0.00119 (07091108)	0.00093 (07091108)	0.00068 (05070208)
3750823.5	0.00109 (06081608)	0.00112 (06081608)	0.00083 (05021408)	0.00100 (07091108)	0.00096 (07091108)
3750694.3	0.00128 (07090808)	0.00100 (06081608)	0.00100 (06081608)	0.00072 (05021408)	0.00082 (07091108)
3750565.1	0.00172 (07090808)	0.00089 (07090808)	0.00093 (06081608)	0.00090 (06081608)	0.00064 (05021408)
3750435.9	0.00158 (07090808)	0.00138 (07090808)	0.00062 (07090808)	0.00086 (06081608)	0.00083 (06081608)
3750306.7	0.00109 (07090808)	0.00152 (07090808)	0.00106 (07090808)	0.00052 (06081608)	0.00081 (06081608)
3750177.5	0.00090 (05120308)	0.00128 (07090808)	0.00135 (07090808)	0.00080 (07090808)	0.00052 (06081608)

*** AERMOD - VERSION 09292 *** *** Site 22 - CO ***
 *** *** *** *** ***
 10/26/10
 17:49:43
 PAGE 18

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Y-COORD (METERS)	** CONC OF CO		IN PPM	**	
	X-COORD (METERS)				
	374287.78				
3752761.3	0.00105 (05082708)				
3752632.1	0.00146 (05082708)				
3752502.9	0.00125 (05082708)				
3752373.8	0.00068 (05082424)				
3752244.6	0.00079 (05090224)				
3752115.4	0.00087 (05090224)				
3751986.2	0.00076 (05081824)				
3751857.0	0.00070 (07120224)				
3751727.8	0.00073 (07120224)				
3751598.6	0.00070 (07080208)				
3751469.4	0.00074c(06072908)				
3751340.2	0.00101 (07031508)				
3751211.0	0.00066 (07031508)				

Site #22 – Localized CO Concentrations

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3751081.9 | 0.00049 (05070208)
3750952.7 | 0.00059 (05070208)
3750823.5 | 0.00066 (07091108)
3750694.3 | 0.00091 (07091108)
3750565.1 | 0.00065 (07091108)
3750435.9 | 0.00056 (05021408)
3750306.7 | 0.00076 (06081608)
3750177.5 | 0.00076 (06081608)
*** AERMOD - VERSION 09292 *** *** Site 22 - CO ***
***                                     ***                                     ***
                                     10/26/10
                                     17:49:43
                                     PAGE 19

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**MODELOPTs: NonDEFAULT CONC
                                     FLAT
                                     NODRYDPLT NOWETDPLT
*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF CO IN PPM **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
-----
372687.37 3751957.29 0.00519 (06090508) 372914.88 3751945.62 0.00689 (07083108)
373051.97 3751954.38 0.00462 (05092224) 373154.06 3752021.46 0.00333 (06051624)
373279.49 3752047.71 0.00251 (05071708) 372652.37 3751356.42 0.00829 (07121308)
372789.46 3751359.34 0.00778 (06010924) 372909.05 3751359.34 0.00701 (05120308)
372911.97 3751496.43 0.01609 (05120308)
*** AERMOD - VERSION 09292 *** *** Site 22 - CO ***
***                                     ***                                     ***
                                     10/26/10
                                     17:49:43
                                     PAGE 20

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**MODELOPTs: NonDEFAULT CONC
                                     FLAT
                                     NODRYDPLT NOWETDPLT
*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***
** CONC OF CO IN PPM **
GROUP ID AVERAGE CONC DATE (YYMMDDHH) RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE NETWORK GRID-ID
-----
ALL HIGH 1ST HIGH VALUE IS 0.09983 ON 07091107: AT ( 372900.88, 3751598.61, 10.00, 10.00, 0.00) GC UCART1
*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
*** AERMOD - VERSION 09292 *** *** Site 22 - CO ***
***                                     ***                                     ***
                                     10/26/10
                                     17:49:43
                                     PAGE 21

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**MODELOPTs: NonDEFAULT CONC
                                     FLAT
                                     NODRYDPLT NOWETDPLT
*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***
** CONC OF CO IN PPM **
GROUP ID AVERAGE CONC DATE (YYMMDDHH) RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE NETWORK GRID-ID
-----
ALL HIGH 1ST HIGH VALUE IS 0.05159 ON 06051408: AT ( 372900.88, 3751598.61, 10.00, 10.00, 0.00) GC UCART1
*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
*** AERMOD - VERSION 09292 *** *** Site 22 - CO ***
***                                     ***                                     ***
                                     10/26/10
                                     17:49:43
                                     PAGE 22

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*** Message Summary : AERMOD Model Execution ***
----- Summary of Total Messages -----
A Total of 0 Fatal Error Message(s)
A Total of 0 Warning Message(s)
A Total of 152 Informational Message(s)
A Total of 26280 Hours Were Processed
A Total of 15 Calm Hours Identified
A Total of 137 Missing Hours Identified ( 0.52 Percent)
***** FATAL ERROR MESSAGES *****
*** NONE ***
***** WARNING MESSAGES *****
*** NONE ***
***** AERMOD Finishes Successfully *****

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Site #22 – Localized NO₂ Concentrations

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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 6.7.1
** Lakes Environmental Software Inc.
** Date: 10/26/2010
** File: C:\Documents and Settings\jbailey\Desktop\Site 22\NO2.ADI
**
*****
**
**
** AERMOD Control Pathway
*****
**
**
CO STARTING
TITLEONE Site 22 - NO2
MODELOPT CONC NODRYDPLT NOWETDPLT FLAT
AVERTIME 1 ANNUAL
URBANOPT 9862049 Los_Angeles_County
POLLUTID NOX
RUNORNOT RUN
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION VOL1 VOLUME 372838.810 3751633.020 0.0
** DESCRSRC Equipment
** Source Parameters **
SRCPARAM VOL1 0.0794 4.100 27.674 1.163
URBANSRC VOL1
CONCUNIT 531.5 GRAMS/SEC PPM
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
GRIDCART UCART1 STA
                XYINC 371513.98 21 138.69 3750177.52 21 129.19
GRIDCART UCART1 END
** DESCRREC ** **
DISCCART 372687.37 3751957.29
DISCCART 372914.88 3751945.62
DISCCART 373051.97 3751954.38
DISCCART 373154.06 3752021.46
DISCCART 373279.49 3752047.71
DISCCART 372652.37 3751356.42
DISCCART 372789.46 3751359.34
DISCCART 372909.05 3751359.34
DISCCART 372911.97 3751496.43
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
SURFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC"
PROFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL"
SURFDATA 0 2005
UAIRDATA 3190 2005
PROFBASE 10 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 1 1ST
** Auto-Generated Plotfiles
PLOTFILE 1 ALL 1ST NO2.AD\01H1GALL.PLT
PLOTFILE ANNUAL ALL NO2.AD\AN00GALL.PLT
OU FINISHED

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

*** AERMOD - VERSION 09292 ***      *** Site 22 - NO2                ***      10/26/10
***                               ***                               ***      17:56:23
***                               ***                               ***      PAGE    1

**MODELOPTs:  NonDEFAULT CONC                FLAT
                                                NODRYDPLT NOWETDPLT

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

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

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

**Model Uses URBAN Dispersion Algorithm for the SBL for      1 Source(s),
for Total of      1 Urban Area(s):
Urban Population =      9862049.0 ; Urban Roughness Length = 1.000 m

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Site #22 – Localized NO₂ Concentrations

Y-COORD (METERS)		** CONC OF NOX			IN PPM		**		
X-COORD (METERS)									
3752761.32	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00004
3752632.13	0.00006	0.00007	0.00007	0.00007	0.00006	0.00006	0.00006	0.00006	0.00005
3752502.94	0.00008	0.00008	0.00008	0.00008	0.00008	0.00007	0.00007	0.00007	0.00006
3752373.75	0.00010	0.00011	0.00011	0.00011	0.00010	0.00010	0.00009	0.00008	0.00008
3752244.56	0.00014	0.00015	0.00015	0.00014	0.00014	0.00013	0.00011	0.00010	0.00009
3752115.37	0.00020	0.00023	0.00022	0.00021	0.00019	0.00017	0.00014	0.00012	0.00009
3751986.18	0.00033	0.00039	0.00038	0.00034	0.00028	0.00021	0.00016	0.00012	0.00009
3751856.99	0.00065	0.00086	0.00077	0.00054	0.00034	0.00023	0.00016	0.00011	0.00009
3751727.80	0.00192	0.00379	0.00148	0.00062	0.00033	0.00020	0.00014	0.00010	0.00008
3751598.61	0.00574	0.00443	0.00104	0.00044	0.00025	0.00016	0.00012	0.00009	0.00007
3751469.42	0.00131	0.00100	0.00051	0.00029	0.00019	0.00013	0.00010	0.00008	0.00006
3751340.23	0.00046	0.00041	0.00030	0.00020	0.00014	0.00011	0.00008	0.00006	0.00005
3751211.04	0.00024	0.00022	0.00019	0.00014	0.00011	0.00009	0.00007	0.00006	0.00005
3751081.85	0.00015	0.00014	0.00013	0.00011	0.00009	0.00007	0.00006	0.00005	0.00004
3750952.66	0.00011	0.00010	0.00009	0.00008	0.00007	0.00006	0.00005	0.00004	0.00004
3750823.47	0.00008	0.00008	0.00007	0.00007	0.00006	0.00005	0.00004	0.00004	0.00003
3750694.28	0.00006	0.00006	0.00006	0.00005	0.00005	0.00004	0.00004	0.00003	0.00003
3750565.09	0.00005	0.00005	0.00005	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003
3750435.90	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003	0.00002
3750306.71	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002
3750177.52	0.00003	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002

*** AERMOD - VERSION 09292 ***
 *** Site 22 - NO2
 *** 10/26/10
 *** 17:56:23
 *** PAGE 10

**MODELOPTs: NonDEFAULT CONC
 FLAT
 NODRYDPLT NOWETDPLT
 *** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL
 VOLL ,
 *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Y-COORD (METERS)		** CONC OF NOX			IN PPM		**		
X-COORD (METERS)									
3752761.32	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
3752632.13	0.00005	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
3752502.94	0.00006	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005
3752373.75	0.00007	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006
3752244.56	0.00007	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006
3752115.37	0.00008	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006
3751986.18	0.00007	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006
3751856.99	0.00007	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006
3751727.80	0.00006	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
3751598.61	0.00006	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
3751469.42	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
3751340.23	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
3751211.04	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
3751081.85	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
3750952.66	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
3750823.47	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
3750694.28	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
3750565.09	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
3750435.90	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
3750306.71	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
3750177.52	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002

*** AERMOD - VERSION 09292 ***
 *** Site 22 - NO2
 *** 10/26/10
 *** 17:56:23
 *** PAGE 11

**MODELOPTs: NonDEFAULT CONC
 FLAT
 NODRYDPLT NOWETDPLT
 *** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL
 VOLL ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX		IN PPM		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372687.37	3751957.29	0.00031	372914.88	3751945.62	0.00048
373051.97	3751954.38	0.00044	373154.06	3752021.46	0.00030
373279.49	3752047.71	0.00024	372652.37	3751356.42	0.00053
372789.46	3751359.34	0.00051	372909.05	3751359.34	0.00045
372911.97	3751496.43	0.00121			

*** AERMOD - VERSION 09292 ***
 *** Site 22 - NO2
 *** 10/26/10
 *** 17:56:23
 *** PAGE 12

**MODELOPTs: NonDEFAULT CONC
 FLAT
 NODRYDPLT NOWETDPLT
 *** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES FOR SOURCE GROUP: ALL
 VOLL ,
 *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX		IN PPM		**	
Y-COORD (METERS)		X-COORD (METERS)			
3752761.3	0.00282 (05010409)	0.00208 (05010409)	0.00281 (06090407)	0.00418 (06090407)	0.00270 (06090407)
3752632.1	0.00255 (07090907)	0.00307 (05010409)	0.00229 (05010409)	0.00347 (06090407)	0.00442 (06090407)
3752502.9	0.00392 (07090907)	0.00325 (07090907)	0.00335 (05010409)	0.00256 (05010409)	0.00430 (06090407)
3752373.8	0.00289 (07090907)	0.00419 (07090907)	0.00408 (07090907)	0.00365 (05010409)	0.00289 (05010409)
3752244.6	0.00118 (06090102)	0.00220 (07090907)	0.00407 (07090907)	0.00498 (07090907)	0.00398 (05010409)
3752115.4	0.00119 (06121509)	0.00150 (06090102)	0.00165 (06090102)	0.00335 (07090907)	0.00564 (07090907)
3751986.2	0.00140 (06100301)	0.00163 (06121509)	0.00166 (06121509)	0.00208 (06090102)	0.00254 (06090102)
3751857.0	0.00140 (07091603)	0.00170 (07091603)	0.00195 (07091603)	0.00239 (06100301)	0.00280 (06120524)
3751727.8	0.00163 (07110908)	0.00168 (07110908)	0.00201 (07081605)	0.00246 (07081605)	0.00299 (07081605)
3751598.6	0.00255 (07110908)	0.00275 (07110908)	0.00298 (07110908)	0.00325 (07110908)	0.00359 (07110908)
3751469.4	0.00237 (06070206)	0.00274 (06070206)	0.00306 (06070206)	0.00325 (06070206)	0.00347 (07082903)
3751340.2	0.00190 (06041307)	0.00218 (06041307)	0.00220 (06041307)	0.00242 (07030608)	0.00334 (07030608)

Site #22 – Localized NO₂ Concentrations

3751211.0 | 0.00170 (07030608) | 0.00231 (07030608) | 0.00275 (07030608) | 0.00264 (07030608) | 0.00257 (06111722)
3751081.9 | 0.00232 (07030608) | 0.00214 (07030608) | 0.00174 (06111722) | 0.00268 (06053107) | 0.00453 (07070106)
3750952.7 | 0.00136 (07030608) | 0.00195 (06110508) | 0.00281 (06053107) | 0.00447 (07070106) | 0.00607 (07070106)
3750823.5 | 0.00199 (06053107) | 0.00271 (06053107) | 0.00432 (07070106) | 0.00537 (07070106) | 0.00386 (07070106)
3750694.3 | 0.00252 (07070106) | 0.00413 (07070106) | 0.00482 (07070106) | 0.00357 (07070106) | 0.00269 (06090207)
3750565.1 | 0.00392 (07070106) | 0.00438 (07070106) | 0.00332 (07070106) | 0.00278 (06090207) | 0.00136 (05050324)
3750435.9 | 0.00402 (07070106) | 0.00310 (07070106) | 0.00276 (06090207) | 0.00131 (06090207) | 0.00204 (06090107)
3750306.7 | 0.00291 (07070106) | 0.00267 (06090207) | 0.00155 (06090207) | 0.00149 (07091007) | 0.00239 (06090107)
3750177.5 | 0.00256 (06090207) | 0.00173 (06090207) | 0.00102 (07091007) | 0.00196 (06090107) | 0.00198 (06090107)
*** AERMOD - VERSION 09292 *** *** Site 22 - NO2 ***

10/26/10
17:56:23

PAGE 13

**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
** CONC OF NOX IN PPM **
Y-COORD | X-COORD (METERS)
(METERS) | 372207.43 | 372346.12 | 372484.81 | 372623.50 | 372762.19

3752761.3 | 0.00347 (06042607) | 0.00444 (06090607) | 0.00318 (06090607) | 0.00164 (05052102) | 0.00181 (05082924)
3752632.1 | 0.00290 (06042607) | 0.00356 (06090607) | 0.00462 (06090607) | 0.00169 (05052102) | 0.00213 (05082924)
3752502.9 | 0.00433 (06090407) | 0.00410 (06042607) | 0.00560 (06090607) | 0.00201 (06090607) | 0.00258 (07090806)
3752373.8 | 0.00528 (06090407) | 0.00365 (06090407) | 0.00506 (06090607) | 0.00392 (06090607) | 0.00323 (07090806)
3752244.6 | 0.00333 (05010409) | 0.00629 (06090407) | 0.00505 (06042607) | 0.00651 (06090607) | 0.00414 (07072704)
3752115.4 | 0.00471 (07090907) | 0.00392 (05010409) | 0.00682 (06090407) | 0.00767 (06090607) | 0.00535 (05052102)
3751986.2 | 0.00545 (07090907) | 0.00680 (07090907) | 0.00571 (06090407) | 0.00683 (05082505) | 0.00712 (05052102)
3751857.0 | 0.00305 (06090102) | 0.00462 (06090102) | 0.00910 (07090907) | 0.00943 (05082506) | 0.01306 (07062501)
3751727.8 | 0.00367 (05042101) | 0.00533 (07091603) | 0.00777 (06100301) | 0.01263 (06090102) | 0.02599 (06090407)
3751598.6 | 0.00401 (07110908) | 0.00495 (06111920) | 0.00773 (07091002) | 0.01496 (07082903) | 0.03549 (06060203)
3751469.4 | 0.00395 (07082903) | 0.00478 (05101822) | 0.00716 (07012320) | 0.01311 (07070106) | 0.01821 (07072705)
3751340.2 | 0.00348 (07012320) | 0.00448 (05043001) | 0.01016 (07070106) | 0.00750 (05083004) | 0.00957 (06041123)
3751211.0 | 0.00437 (07070106) | 0.00828 (07070106) | 0.00535 (06090207) | 0.00620 (07072705) | 0.00712 (07081701)
3751081.9 | 0.00699 (07070106) | 0.00488 (06090207) | 0.00433 (07070203) | 0.00476 (06090606) | 0.00488 (07081701)
3750952.7 | 0.00432 (06090207) | 0.00253 (05050324) | 0.00337 (06041124) | 0.00335 (05042905) | 0.00355 (07042623)
3750823.5 | 0.00243 (06090207) | 0.00317 (06090107) | 0.00343 (07032008) | 0.00268 (06041123) | 0.00325 (06082207)
3750694.3 | 0.00208 (07091007) | 0.00271 (06090107) | 0.00249 (07032008) | 0.00211 (07081701) | 0.00312 (06082207)
3750565.1 | 0.00274 (06090107) | 0.00286 (05102108) | 0.00225 (06061607) | 0.00209 (07081701) | 0.00296 (06082207)
3750435.9 | 0.00229 (06090107) | 0.00250 (07032008) | 0.00192 (06061607) | 0.00189 (07081701) | 0.00279 (06082207)
3750306.7 | 0.00245 (05102108) | 0.00191 (06072607) | 0.00153 (06061607) | 0.00163 (07081701) | 0.00263 (06082207)
3750177.5 | 0.00232 (07032008) | 0.00182 (06061607) | 0.00126 (06070106) | 0.00135 (07081701) | 0.00248 (06082207)
*** AERMOD - VERSION 09292 *** *** Site 22 - NO2 ***

10/26/10
17:56:23

PAGE 14

**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
** CONC OF NOX IN PPM **
Y-COORD | X-COORD (METERS)
(METERS) | 372900.88 | 373039.57 | 373178.26 | 373316.95 | 373455.64

3752761.3 | 0.00177 (07042507) | 0.00160 (07040123) | 0.00142 (07122005) | 0.00225 (05082807) | 0.00453 (05082807)
3752632.1 | 0.00204 (07091802) | 0.00177 (06082107) | 0.00198 (07062524) | 0.00403 (05082807) | 0.00419 (05082807)
3752502.9 | 0.00251 (07091802) | 0.00206 (06082107) | 0.00232 (07062524) | 0.00540 (05082807) | 0.00247 (05082807)
3752373.8 | 0.00314 (07091802) | 0.00267 (07122005) | 0.00461 (05082807) | 0.00461 (05082807) | 0.00185 (06090306)
3752244.6 | 0.00398 (07091802) | 0.00372 (07062524) | 0.00677 (05082807) | 0.00238 (07070124) | 0.00260 (06102522)
3752115.4 | 0.00531 (07040123) | 0.00525 (05082807) | 0.00485 (05082807) | 0.00353 (06102522) | 0.00665 (05082707)
3751986.2 | 0.00751 (07040123) | 0.00926 (05082807) | 0.00533 (06090306) | 0.00917 (05082707) | 0.00706 (05082707)
3751857.0 | 0.01199 (07062524) | 0.00956 (06090306) | 0.01218 (05082707) | 0.00498 (05082707) | 0.00362 (07112919)
3751727.8 | 0.02762 (05082807) | 0.01354 (07072804) | 0.00726 (05071903) | 0.00544 (05091722) | 0.00397 (05091722)
3751598.6 | 0.04315 (07091107) | 0.01295 (05070723) | 0.00812 (06112321) | 0.00581 (06112321) | 0.00439 (06112321)
3751469.4 | 0.01866 (06053105) | 0.01249 (07062901) | 0.00757 (07082904) | 0.00534 (07081802) | 0.00488 (07031508)
3751340.2 | 0.00959 (07103023) | 0.01313 (07090807) | 0.00645 (07062901) | 0.00574 (07091107) | 0.00362 (07082904)
3751211.0 | 0.00560 (07103023) | 0.00655 (05102308) | 0.00827 (07090807) | 0.00499 (06081607) | 0.00481 (07091107)
3751081.9 | 0.00404 (05042102) | 0.00459 (07051822) | 0.00870 (07090807) | 0.00476 (07090807) | 0.00428 (06081607)
3750952.7 | 0.00332 (05042102) | 0.00322 (05091702) | 0.00488 (05102308) | 0.00776 (07090807) | 0.00334 (06081607)
3750823.5 | 0.00276 (05042102) | 0.00264 (05091702) | 0.00371 (05102308) | 0.00611 (07090807) | 0.00581 (07090807)
3750694.3 | 0.00232 (05042102) | 0.00223 (07103023) | 0.00230 (07051822) | 0.00390 (05102308) | 0.00639 (07090807)
3750565.1 | 0.00197 (05042102) | 0.00182 (07103023) | 0.00173 (07051822) | 0.00344 (05102308) | 0.00454 (07090807)
3750435.9 | 0.00169 (05042102) | 0.00142 (07103023) | 0.00155 (05091702) | 0.00229 (05102308) | 0.00325 (05102308)
3750306.7 | 0.00147 (05042102) | 0.00113 (06052407) | 0.00137 (05091702) | 0.00145 (07051822) | 0.00310 (05102308)
3750177.5 | 0.00129 (05042102) | 0.00101 (06052407) | 0.00119 (07103023) | 0.00117 (07051822) | 0.00236 (05102308)
*** AERMOD - VERSION 09292 *** *** Site 22 - NO2 ***

10/26/10
17:56:23

PAGE 15

**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
** CONC OF NOX IN PPM **
Y-COORD | X-COORD (METERS)
(METERS) | 373594.33 | 373733.02 | 373871.71 | 374010.40 | 374149.09

3752761.3 | 0.00265 (05082807) | 0.00090 (07081607) | 0.00119 (06090306) | 0.00113 (06102522) | 0.00210 (07043007)
3752632.1 | 0.00130 (07070124) | 0.00139 (06090306) | 0.00133 (06102522) | 0.00240 (07043007) | 0.00388 (05082707)
3752502.9 | 0.00162 (06090306) | 0.00162 (06102522) | 0.00279 (05082707) | 0.00470 (05082707) | 0.00508 (05082707)
3752373.8 | 0.00201 (06102522) | 0.00365 (05082707) | 0.00563 (05082707) | 0.00527 (05082707) | 0.00346 (05082707)
3752244.6 | 0.00488 (05082707) | 0.00659 (05082707) | 0.00504 (05082707) | 0.00265 (05082707) | 0.00251 (06081407)
3752115.4 | 0.00728 (05082707) | 0.00418 (05082707) | 0.00296 (06081407) | 0.00266 (06081407) | 0.00200 (06072707)
3751986.2 | 0.00364 (06081407) | 0.00304 (06081407) | 0.00228 (06073107) | 0.00163 (06073107) | 0.00120 (07031509)
3751857.0 | 0.00231 (06073107) | 0.00220 (05071903) | 0.00198 (05071903) | 0.00170 (05091722) | 0.00149 (05091722)
3751727.8 | 0.00302 (06090106) | 0.00246 (07072605) | 0.00204 (06061524) | 0.00176 (06061524) | 0.00153 (06061524)
3751598.6 | 0.00345 (06112321) | 0.00279 (06112321) | 0.00231 (06112321) | 0.00195 (06112321) | 0.00179 (07092707)
3751469.4 | 0.00485 (07031508) | 0.00417 (07031508) | 0.00333 (07031508) | 0.00256 (07031508) | 0.00194 (07031508)
3751340.2 | 0.00278 (07081201) | 0.00236 (07081201) | 0.00231 (07031508) | 0.00331 (07031508) | 0.00336 (07031508)

Site #22 – Localized NO₂ Concentrations

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3751211.0 | 0.00350 (07091107) 0.00223 (07082904) 0.00184 (07081201) 0.00162 (07081802) 0.00144 (07031508)
3751081.9 | 0.00359 (07091107) 0.00384 (07091107) 0.00218 (07091107) 0.00155 (07082904) 0.00130 (07081201)
3750952.7 | 0.00376 (06081607) 0.00259 (07091107) 0.00357 (07091107) 0.00276 (07091107) 0.00143 (07091107)
3750823.5 | 0.00319 (06081607) 0.00337 (06081607) 0.00191 (05021408) 0.00304 (07091107) 0.00295 (07091107)
3750694.3 | 0.00407 (07090807) 0.00303 (06081607) 0.00306 (06081607) 0.00173 (05021408) 0.00248 (07091107)
3750565.1 | 0.00563 (07090807) 0.00280 (07090807) 0.00286 (06081607) 0.00281 (06081607) 0.00155 (05021408)
3750435.9 | 0.00517 (07090807) 0.00453 (07090807) 0.00192 (07090807) 0.00270 (06081607) 0.00260 (06081607)
3750306.7 | 0.00353 (07090807) 0.00504 (07090807) 0.00347 (07090807) 0.00154 (06081607) 0.00255 (06081607)
3750177.5 | 0.00279 (05102308) 0.00421 (07090807) 0.00447 (07090807) 0.00260 (07090807) 0.00158 (06081607)
*** AERMOD - VERSION 09292 *** *** Site 22 - NO2 *** *** 10/26/10
*** *** *** 17:56:23
*** *** *** PAGE 16
  
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**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN PPM **

Y-COORD | X-COORD (METERS)
(METERS) | 374287.78
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3752761.3 | 0.00319 (05082707)
3752632.1 | 0.00467 (05082707)
3752502.9 | 0.00396 (05082707)
3752373.8 | 0.00186 (06081407)
3752244.6 | 0.00235 (06081407)
3752115.4 | 0.00173 (06073107)
3751986.2 | 0.00115 (05071903)
3751857.0 | 0.00126 (05091722)
3751727.8 | 0.00133 (06061524)
3751598.6 | 0.00166 (07092707)
3751469.4 | 0.00145 (07031508)
3751340.2 | 0.00314 (07031508)
3751211.0 | 0.00195 (07031508)
3751081.9 | 0.00114 (07081201)
3750952.7 | 0.00116 (07082904)
3750823.5 | 0.00195 (07091107)
3750694.3 | 0.00285 (07091107)
3750565.1 | 0.00197 (07091107)
3750435.9 | 0.00148 (06081607)
3750306.7 | 0.00242 (06081607)
3750177.5 | 0.00242 (06081607)
*** AERMOD - VERSION 09292 *** *** Site 22 - NO2 *** *** 10/26/10
*** *** *** 17:56:23
*** *** *** PAGE 17
  
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**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX IN PPM **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
-----|-----|-----|-----|-----|-----|-----|-----
372687.37 3751957.29 0.00933 (06090607) 372914.88 3751945.62 0.00786 (07122005)
373051.97 3751954.38 0.00816 (05082807) 373154.06 3752021.46 0.00444 (06090306)
373279.49 3752047.71 0.00416 (06102522) 372652.37 3751356.42 0.00948 (07070203)
372789.46 3751359.34 0.01167 (07081701) 372909.05 3751359.34 0.01022 (05091702)
372911.97 3751496.43 0.02077 (07081203)
*** AERMOD - VERSION 09292 *** *** Site 22 - NO2 *** *** 10/26/10
*** *** *** 17:56:23
*** *** *** PAGE 18
  
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**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 3 YEARS ***

** CONC OF NOX IN PPM **

NETWORK
GROUP ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
-----|-----|-----|-----|-----|-----|-----|-----
ALL 1ST HIGHEST VALUE IS 0.00574 AT ( 372762.19, 3751598.61, 10.00, 10.00, 0.00) GC UCART1
2ND HIGHEST VALUE IS 0.00443 AT ( 372900.88, 3751598.61, 10.00, 10.00, 0.00) GC UCART1
3RD HIGHEST VALUE IS 0.00379 AT ( 372900.88, 3751727.80, 10.00, 10.00, 0.00) GC UCART1
4TH HIGHEST VALUE IS 0.00192 AT ( 372762.19, 3751727.80, 10.00, 10.00, 0.00) GC UCART1
5TH HIGHEST VALUE IS 0.00148 AT ( 373039.57, 3751727.80, 10.00, 10.00, 0.00) GC UCART1
6TH HIGHEST VALUE IS 0.00131 AT ( 372762.19, 3751469.42, 10.00, 10.00, 0.00) GC UCART1
7TH HIGHEST VALUE IS 0.00121 AT ( 372911.97, 3751496.43, 10.00, 10.00, 0.00) DC
8TH HIGHEST VALUE IS 0.00108 AT ( 372623.50, 3751598.61, 10.00, 10.00, 0.00) GC UCART1
9TH HIGHEST VALUE IS 0.00104 AT ( 373039.57, 3751598.61, 10.00, 10.00, 0.00) GC UCART1
10TH HIGHEST VALUE IS 0.00100 AT ( 372900.88, 3751469.42, 10.00, 10.00, 0.00) GC UCART1

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
*** AERMOD - VERSION 09292 *** *** Site 22 - NO2 *** *** 10/26/10
*** *** *** 17:56:23
*** *** *** PAGE 19
  
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**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

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

** CONC OF NOX IN PPM **

DATE NETWORK
GROUP ID AVERAGE CONC (YYMMDDHH) RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
-----|-----|-----|-----|-----|-----|-----|-----
ALL HIGH 1ST HIGH VALUE IS 0.04315 ON 07091107: AT ( 372900.88, 3751598.61, 10.00, 10.00, 0.00) GC UCART1
  
```

Site #22 – Localized NO₂ Concentrations

```
*** RECEPTOR TYPES:  GC = GRIDCART
                       GP = GRIDPOLR
                       DC = DISCCART
                       DP = DISCPOLR
*** AERMOD - VERSION 09292 ***      *** Site 22 - NO2
***                                     ***
***                                     ***
**MODELOPTs:  NonDEFAULT CONC          PLAT
                                                NODRYDPLT NOWETDPLT

*** Message Summary : AERMOD Model Execution ***
----- Summary of Total Messages -----
A Total of          0 Fatal Error Message(s)
A Total of          0 Warning Message(s)
A Total of         152 Informational Message(s)
A Total of         26280 Hours Were Processed
A Total of          15 Calm Hours Identified
A Total of          137 Missing Hours Identified ( 0.52 Percent)

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

***** WARNING MESSAGES *****
*** NONE ***

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

Site #22 – Localized PM₁₀ Concentrations

```
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 6.7.1
** Lakes Environmental Software Inc.
** Date: 10/26/2010
** File: C:\Documents and Settings\jbailey\Desktop\Site 22\PM10.ADI
**
*****
**
**
** AERMOD Control Pathway
*****
**
**
CO STARTING
TITLEONE Site 22 - PM10
MODELOPT CONC NODRYDPLT NOWETDPLT FLAT
AVERTIME 24
URBANOPT 9862049 Los_Angeles_County
POLLUTID PM10.
RUNORNOT RUN
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION VOL1 VOLUME 372838.810 3751633.020 0.0
** DESCRSRC Equipment
LOCATION AREAL AREA 372778.051 3751573.707 0.0
** DESCRSRC Equipment
** Source Parameters **
SRCPARAM VOL1 0.0402 4.100 27.674 1.163
SRCPARAM AREAL 0.0000485771 0.000 119.000 119.000 0.000
URBANSRC VOL1
URBANSRC AREAL
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
GRIDCART UCART1 STA
XYINC 371513.98 21 138.69 3750177.52 21 129.19
GRIDCART UCART1 END
** DESCRREC ** **
DISCCART 372687.37 3751957.29
DISCCART 372914.88 3751945.62
DISCCART 373051.97 3751954.38
DISCCART 373154.06 3752021.46
DISCCART 373279.49 3752047.71
DISCCART 372652.37 3751356.42
DISCCART 372789.46 3751359.34
DISCCART 372909.05 3751359.34
DISCCART 372911.97 3751496.43
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
SURFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC"
PROFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL"
SURFDATA 0 2005
UAIRDATA 3190 2005
PROFBASE 10 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 24 1ST
** Auto-Generated Plotfiles
PLOTFILE 24 ALL 1ST PM10.AD\24H1GALL.PLT
OU FINISHED

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

*** AERMOD - VERSION 09292 *** ** Site 22 - PM10 *** ** 10/26/10
*** ** ** ** 18:02:29
*** ** ** ** PAGE 1

**MODELOPTs: NonDEFAULT CONC PLAT
NODRYDPLT NOWETDPLT

*** MODEL SETUP OPTIONS SUMMARY ***
-----
**Model Is Setup For Calculation of Average CONCentration Values.

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

**Model Uses URBAN Dispersion Algorithm for the SBL for 2 Source(s),
```

Site #22 – Localized PM₁₀ Concentrations

for Total of 1 Urban Area(s):
 Urban Population = 9862049.0 ; Urban Roughness Length = 1.000 m

**Model Allows User-Specified Options:

1. Stack-tip Downwash.
2. Model Assumes Receptors on FLAT Terrain.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Urban Roughness Length of 1.0 Meter Used.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates 1 Short Term Average(s) of: 24-HR

**This Run Includes: 2 Source(s); 1 Source Group(s); and 450 Receptor(s)

**The Model Assumes A Pollutant Type of: PM10.

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

**Output Options Selected:

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
 Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

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

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 10.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

*** AERMOD - VERSION 09292 *** ** Site 22 - PM10 *** 10/26/10
 18:02:29
 PAGE 2

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
VOL1	0	0.40200E-01	372838.8	3751633.0	10.0	4.10	27.67	1.16	YES	
*** AERMOD - VERSION 09292 ***			*** Site 22 - PM10							*** 10/26/10 18:02:29 PAGE 3

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** 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)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
AREAL	0	0.48577E-04	372778.1	3751573.7	10.0	0.00	119.00	119.00	0.00	0.00	YES	
*** AERMOD - VERSION 09292 ***			*** Site 22 - PM10									*** 10/26/10 18:02:29 PAGE 4

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	VOL1 , AREAL ,
*** AERMOD - VERSION 09292 ***	*** Site 22 - PM10
**MODELOPTs: NonDEFAULT CONC	FLAT NODRYDPLT NOWETDPLT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID *** (METERS)

371514.0, 371652.7, 371791.4, 371930.1, 372068.7, 372207.4, 372346.1, 372484.8, 372623.5, 372762.2,
 372900.9, 373039.6, 373178.3, 373317.0, 373455.6, 373594.3, 373733.0, 373871.7, 374010.4, 374149.1,
 374287.8,

*** Y-COORDINATES OF GRID *** (METERS)

3750177.5, 3750306.7, 3750435.9, 3750565.1, 3750694.3, 3750823.5, 3750952.7, 3751081.9, 3751211.0, 3751340.2,
 3751469.4, 3751598.6, 3751727.8, 3751857.0, 3751986.2, 3752115.4, 3752244.6, 3752373.8, 3752502.9, 3752632.1,
 3752761.3,
 *** AERMOD - VERSION 09292 *** ** Site 22 - PM10 *** 10/26/10
 18:02:29
 PAGE 6

**MODELOPTs: NonDEFAULT CONC FLAT
 NODRYDPLT NOWETDPLT

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

(372687.4, 3751957.3, 10.0, 10.0, 0.0); (372914.9, 3751945.6, 10.0, 10.0, 0.0);
 (373052.0, 3751954.4, 10.0, 10.0, 0.0); (373154.1, 3752021.5, 10.0, 10.0, 0.0);

Site #22 – Localized PM₁₀ Concentrations

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3750565.1 | 9.62235 (05111224) 9.49360 (05120824) 10.89450 (05100924) 11.24856 (05060724) 9.70322 (06030424)
3750435.9 | 7.99734 (05120824) 9.10454 (05100924) 9.19072 (05060724) 8.31502 (05122924) 7.63669 (05091724)
3750306.7 | 7.71878 (05100924) 7.45634 (05100924) 7.72923 (05060724) 6.55410 (06030424) 7.02435 (07013024)
3750177.5 | 6.77386 (05100924) 7.16149 (05060724) 6.13383 (06030424) 5.92734 (05091724) 6.06812 (07013024)
*** AERMOD - VERSION 09292 *** *** Site 22 - PM10 ***
***                                     ***                                     ***
**MODELOPTs: NonDEFAULT CONC                                     FLAT
                                                                NODRYDPLT NOWETDPLT

```

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372207.43	372346.12	X-COORD (METERS) 372484.81	372623.50	372762.19
3752761.3	6.15389 (05101024)	8.78183 (06090524)	7.17404 (06090524)	8.31785 (06091124)	9.65954 (07050924)
3752632.1	7.53605 (05101024)	6.72964 (06090524)	10.45417 (06090524)	9.80524 (06091124)	10.82651 (07050924)
3752502.9	8.32912 (05082524)	8.70534 (05101024)	13.36389 (06090524)	11.04554 (06091124)	12.19799 (07050924)
3752373.8	13.34498 (06062824)	11.34850 (05082524)	12.33123 (06090524)	14.13294 (06090524)	14.20724 (07030724)
3752244.6	8.79128 (07071924)	17.39387 (06062824)	13.39568 (05101024)	21.48681 (06090524)	18.25061 (07030724)
3752115.4	10.31724 (05030524)	13.11927 (07071924)	20.93955 (06062824)	26.21462 (06090524)	26.00896 (06091124)
3751986.2	14.75981 (06110124)	19.46453 (06110124)	20.93210 (07071924)	25.03521 (05082524)	46.99461 (06090524)
3751857.0	17.97152 (07020624)	22.53615 (07091324)	33.70838 (06110124)	45.07374 (06062824)	91.97050 (06090524)
3751727.8	20.59195 (05122624)	27.18981 (07030624)	41.56691 (07020624)	76.94639 (07020624)	173.76892m (05010924)
3751598.6	26.78982 (06110924)	38.22252 (06110924)	66.58891m (05012424)	142.71078m (05012424)	563.43769 (07112524)
3751469.4	32.71264 (06012524)	44.97824 (06012524)	68.43798 (05121124)	120.47244 (06123024)	145.96420 (06010524)
3751340.2	28.32311 (06020124)	40.31259 (06111624)	59.42455 (05120824)	68.22771 (05122924)	60.92201 (05020424)
3751211.0	27.65175 (07123024)	36.97875 (05120824)	42.60771 (05122924)	38.83768 (06120424)	46.34591 (07081524)
3751081.9	25.36846 (05120824)	27.36988 (05122924)	22.22977 (05112824)	24.84929 (06120424)	38.21963 (07081524)
3750952.7	20.79209 (05100924)	19.51786 (05122924)	18.79491 (06120424)	20.79627 (05020424)	31.25752 (07081524)
3750823.5	15.78921 (05122924)	13.11872 (05112824)	15.06270 (06120424)	15.44470 (05020424)	25.98227 (07081524)
3750694.3	10.74150 (06030424)	12.29811 (06120424)	12.29852 (05111124)	11.68760 (06112824)	22.15376 (07081524)
3750565.1	8.83971 (07013024)	10.03390 (06120424)	10.51758 (05020424)	10.39903 (05102624)	19.32973 (07081524)
3750435.9	7.87586 (07013024)	7.98794 (06120424)	8.98394 (05020424)	9.33607 (05102624)	17.16212 (07081524)
3750306.7	7.15404 (06120424)	8.10729 (05111124)	7.40073 (05020424)	8.04268 (05102624)	15.43054 (07081524)
3750177.5	6.18366 (06120424)	6.40965 (05020424)	6.01663 (06112824)	6.67541 (05102624)	14.00390 (07081524)

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*** AERMOD - VERSION 09292 *** *** Site 22 - PM10 ***
***                                     ***                                     ***
**MODELOPTs: NonDEFAULT CONC                                     FLAT
                                                                NODRYDPLT NOWETDPLT

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372900.88	373039.57	X-COORD (METERS) 373178.26	373316.95	373455.64
3752761.3	9.15135 (07072624)	10.23883 (07083124)	8.38195 (07083124)	7.51513 (05052624)	10.69088 (07071524)
3752632.1	10.49087 (06072224)	12.54968 (07083124)	10.59023 (05052624)	9.38826 (07071524)	11.63646 (07071524)
3752502.9	13.12588 (07083124)	15.25062 (07083124)	12.57367 (05052624)	15.40872 (07071524)	7.65565 (07071524)
3752373.8	17.46657 (07083124)	17.95955 (07083124)	13.22948 (07071524)	15.65160 (07071524)	11.68278 (07092824)
3752244.6	24.61927 (07083124)	20.35235 (05052624)	24.66086 (07071524)	13.61365 (07031824)	10.30362 (07092824)
3752115.4	37.22020 (07083124)	28.18686 (05052624)	22.03670 (07071524)	21.49423 (07092824)	28.01949 (06101024)
3751986.2	60.36774 (07083124)	48.14245 (07071524)	35.24308 (07092824)	46.40371 (06101024)	35.36469 (06101024)
3751857.0	103.22786 (07083124)	69.04598 (07092824)	84.80019 (06101024)	41.05045 (06052024)	30.22724 (05090224)
3751727.8	256.16875 (07071524)	142.12261 (06101024)	72.38712 (05081824)	38.85467 (05081824)	27.33503 (06050424)
3751598.6	758.84810 (06051424)	117.73716 (06060724)	55.89912 (07051524)	35.96741 (07051524)	24.81112 (07051524)
3751469.4	106.82085 (05120324)	54.14927 (06051424)	33.55350 (05070224)	28.47096 (07110724)	19.93265 (07110724)
3751340.2	58.10128 (07081524)	27.06035 (05061324)	26.52145 (05082324)	18.40945 (06051424)	15.52904 (05070224)
3751211.0	44.46105 (07081524)	23.23151 (05120324)	17.59288 (07092724)	16.69226 (05082324)	15.18952 (06051424)
3751081.9	35.99683 (07081524)	16.65774 (05120324)	12.74397 (07021324)	13.78378 (07092724)	11.44847 (05082324)
3750952.7	29.98205 (07081524)	13.81027 (05091724)	11.66322 (05081524)	11.47388 (07090824)	9.73807 (07092724)
3750823.5	25.44532 (07081524)	10.72895 (05091724)	9.36607 (06072824)	7.51103 (07021324)	8.49874 (06071724)
3750694.3	21.91616 (07081524)	9.50247 (07120824)	6.89878 (05120324)	7.33889 (05081524)	10.25587 (07090824)
3750565.1	19.11884 (07081524)	8.58661 (07120824)	7.12230 (05091724)	6.76839 (05081524)	5.13223 (07081224)
3750435.9	16.86597 (07081524)	7.40011 (07120824)	7.43244 (05091724)	5.84503 (06072824)	5.07428 (05081524)
3750306.7	15.02413 (07081524)	6.12368 (07120824)	6.10388 (05091724)	4.50384 (07051824)	5.11011 (05081524)
3750177.5	13.49963 (07081524)	4.91848 (07120824)	4.26291 (07120824)	3.95431 (05091724)	4.53896 (06072824)

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*** AERMOD - VERSION 09292 *** *** Site 22 - PM10 ***
***                                     ***                                     ***
**MODELOPTs: NonDEFAULT CONC                                     FLAT
                                                                NODRYDPLT NOWETDPLT

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	373594.33	373733.02	X-COORD (METERS) 373871.71	374010.40	374149.09
3752761.3	7.02677 (07071524)	5.24208 (06051624)	7.03784 (07092824)	5.35770 (06081224)	6.22154 (06101024)
3752632.1	5.83942 (06051624)	8.45033 (07092824)	6.37728 (06081224)	7.80604 (06101024)	9.19469 (06101024)
3752502.9	10.01613 (07092824)	7.76421 (06081224)	10.06235 (06101024)	11.32349 (06101024)	10.28276 (06101024)
3752373.8	10.10112 (07092824)	13.42115 (06101024)	14.37004 (06101024)	13.07922 (06101024)	11.54256 (06101024)
3752244.6	18.74613 (06101024)	19.08389 (06101024)	16.64244 (06101024)	11.89760 (06051024)	8.59178 (06051024)
3752115.4	26.50031 (06101024)	19.06621 (06101024)	12.49508 (06052024)	10.41914 (05090224)	10.42773 (05090224)
3751986.2	20.37099 (06052024)	16.76797 (05090224)	14.90965 (05090224)	13.67924 (05081824)	11.67901 (05081824)
3751857.0	25.58107 (05081824)	19.04467 (05081824)	13.03883 (05081824)	10.47745 (06050424)	9.46237 (06050424)
3751727.8	20.15607 (06050424)	15.03730 (06050424)	11.37786 (06050424)	8.75829 (06050424)	8.66517 (06050424)
3751598.6	18.14458 (07051524)	13.90005 (07051524)	10.03771 (07051524)	9.01304 (07051524)	7.52610 (07051524)
3751469.4	14.27807 (06060724)	11.44144 (06051424)	9.42725 (07051524)	8.32045 (07051524)	7.28785 (07051524)
3751340.2	13.08159 (07110724)	12.73172 (07110724)	9.64984 (07110724)	6.58725 (07110724)	6.16501 (07090724)
3751211.0	11.30474 (05070224)	9.27853 (05070224)	6.84857 (07110724)	8.03939 (07110724)	7.42731 (07110724)
3751081.9	11.25122 (06051424)	7.68084 (06051424)	7.61404 (05070224)	6.31072 (05070224)	4.50166 (07111824)
3750952.7	8.43780 (07013024)	8.08911 (05082324)	7.40257 (06051424)	5.50986 (05070224)	5.49488 (05070224)
3750823.5	6.56511 (07092724)	6.63212 (07013024)	6.89018 (05082324)	6.42563 (06051424)	4.41195 (06051424)
3750694.3	6.68023 (07092724)	5.14585 (05062324)	5.34488 (07013024)	5.83438 (05082324)	5.28599 (06051424)

Site #22 – Localized PM₁₀ Concentrations

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3750565.1 | 8.83596 (07090824) 6.42741 (07092724) 4.46396 (05062324) 4.39820 (07013024) 4.95018 (05082324)
3750435.9 | 7.85597 (07090824) 5.61873 (07090824) 5.52730 (07092724) 3.82898 (05062324) 3.68292 (07013024)
3750306.7 | 3.70900 (07081224) 8.69944 (07090824) 4.11137 (06071724) 4.44014 (07092724) 3.33270 (06081624)
3750177.5 | 3.78072 (06072724) 5.63321 (07090824) 7.12230 (07090824) 3.62417 (07092724) 3.44760 (07092724)
*** AERMOD - VERSION 09292 *** *** Site 22 - PM10 *** *** 10/26/10
*** 18:02:29 ***

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PAGE 13

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**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

```

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

Y-COORD (METERS)	374287.78	X-COORD (METERS)
------------------	-----------	------------------

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-----
3752761.3 | 7.60963 (06101024)
3752632.1 | 8.42140 (05082724)
3752502.9 | 9.77224 (06101024)
3752373.8 | 8.14602 (06042824)
3752244.6 | 7.64892 (07032124)
3752115.4 | 9.04764 (05081824)
3751986.2 | 9.31880 (05081824)
3751857.0 | 8.35778 (06050424)
3751727.8 | 5.63928 (06042124)
3751598.6 | 6.39693 (07051524)
3751469.4 | 6.38944 (07051524)
3751340.2 | 5.57049 (06051424)
3751211.0 | 5.91299 (07110724)
3751081.9 | 5.16603 (07110724)
3750952.7 | 4.64116 (05070224)
3750823.5 | 4.32041 (05070224)
3750694.3 | 4.49267 (06051424)
3750565.1 | 4.25005 (06051424)
3750435.9 | 4.22406 (05082324)
3750306.7 | 3.13009 (07013024)
3750177.5 | 3.27542 (06081624)
*** AERMOD - VERSION 09292 *** *** Site 22 - PM10 *** *** 10/26/10
*** 18:02:29 ***

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PAGE 14

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**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

```

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM10. IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372687.37	3751957.29	43.16176	(06090524)	372914.88	3751945.62	67.99031	(07083124)
373051.97	3751954.38	47.25688	(07071524)	373154.06	3752021.46	29.88416	(07092824)
373279.49	3752047.71	23.68476	(07092824)	372652.37	3751356.42	67.22214	(05122924)
372789.46	3751359.34	106.00742	(07081524)	372909.05	3751359.34	51.31861	(05120324)

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*** AERMOD - VERSION 09292 *** *** Site 22 - PM10 *** *** 10/26/10
*** 18:02:29 ***

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PAGE 15

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**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

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

** CONC OF PM10. IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL HIGH 1ST HIGH VALUE IS	758.84810	ON 06051424: AT (	372900.88, 3751598.61,	10.00, 10.00, 0.00)	GC UCART1

```

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
*** AERMOD - VERSION 09292 *** *** Site 22 - PM10 *** *** 10/26/10
*** 18:02:29 ***

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PAGE 16

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**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

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*** Message Summary : AERMOD Model Execution ***
----- Summary of Total Messages -----
A Total of 0 Fatal Error Message(s)
A Total of 0 Warning Message(s)
A Total of 152 Informational Message(s)

A Total of 26280 Hours Were Processed
A Total of 15 Calm Hours Identified
A Total of 137 Missing Hours Identified ( 0.52 Percent)

```

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

```

```

***** WARNING MESSAGES *****
*** NONE ***

```

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*****

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Site #22 – Localized PM_{2.5} Concentrations

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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 6.7.1
** Lakes Environmental Software Inc.
** Date: 10/26/2010
** File: C:\Documents and Settings\jbailey\Desktop\Site 22\PM25.ADI
**
*****
**
**
** AERMOD Control Pathway
*****
**
**
CO STARTING
TITLEONE Site 22 - PM2.5
MODELOPT CONC NODRYDPLT NOWETDPLT FLAT
AVERTIME 24 ANNUAL
URBANOPT 9862049 Los_Angeles_County
POLLUTID PM2.5
RUNORNOT RUN
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION VOL1 VOLUME 372838.810 3751633.020 0.0
** DESCRSRC Equipment
LOCATION AREAL AREA 372780.513 3751574.723 0.0
** DESCRSRC Equipment
** Source Parameters **
SRCPARAM VOL1 0.037 4.100 27.674 1.163
SRCPARAM AREAL 0.0000101052 0.000 119.000 119.000 0.000
URBANSRC VOL1
URBANSRC AREAL
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
GRIDCART UCART1 STA
                XYINC 371513.98 21 138.69 3750177.52 21 129.19
GRIDCART UCART1 END
** DESCRREC ** **
DISCCART 372687.37 3751957.29
DISCCART 372914.88 3751945.62
DISCCART 373051.97 3751954.38
DISCCART 373154.06 3752021.46
DISCCART 373279.49 3752047.71
DISCCART 372652.37 3751356.42
DISCCART 372789.46 3751359.34
DISCCART 372909.05 3751359.34
DISCCART 372911.97 3751496.43
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
SURFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.SFC"
PROFFILE "L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\laxh.PFL"
SURFDATA 0 2005
UAIRDATA 3190 2005
PROFBASE 10 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 24 1ST
** Auto-Generated Plotfiles
PLOTFILE 24 ALL 1ST PM25.AD\24H1GALL.PLT
PLOTFILE ANNUAL ALL PM25.AD\AN00GALL.PLT
OU FINISHED

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

*** AERMOD - VERSION 09292 ***      *** Site 22 - PM2.5      ***      10/26/10
***                               ***                               ***      18:10:14
***                               ***                               ***      PAGE 1

**MODELOPTs:  NonDEFAULT CONC                FLAT
                NODRYDPLT NOWETDPLT

***      MODEL SETUP OPTIONS SUMMARY      ***
-----
**Model Is Setup For Calculation of Average CONcEntration Values.

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

Site #22 – Localized PM_{2.5} Concentrations

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**Model Uses URBAN Dispersion Algorithm for the SBL for      2 Source(s),
for Total of      1 Urban Area(s):
Urban Population = 9862049.0 ; Urban Roughness Length = 1.000 m

**Model Allows User-Specified Options:
 1. Stack-tip Downwash.
 2. Model Assumes Receptors on FLAT Terrain.
 3. Use Calms Processing Routine.
 4. Use Missing Data Processing Routine.
 5. No Exponential Decay.
 6. Urban Roughness Length of 1.0 Meter Used.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates 1 Short Term Average(s) of: 24-HR
and Calculates ANNUAL Averages

**This Run Includes:      2 Source(s);      1 Source Group(s); and      450 Receptor(s)

**The Model Assumes A Pollutant Type of: PM2.5

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

**Output Options Selected:
Model Outputs Tables of ANNUAL Averages by Receptor
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

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

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 10.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

*** AERMOD - VERSION 09292 ***      *** Site 22 - PM2.5      ***      10/26/10
***                                     ***                                     ***      18:10:14
***                                     ***                                     ***      PAGE 2

**MODELOPTs: NonDEFAULT CONC      FLAT
NODRYDPLT NOWETDPLT

*** VOLUME SOURCE DATA ***

SOURCE      NUMBER EMISSION RATE      BASE      RELEASE      INIT.      INIT.      URBAN      EMISSION RATE
ID          PART.  (GRAMS/SEC)      X          Y          ELEV.      HEIGHT      SY          SZ          SOURCE      SCALAR VARY
CATS.      (METERS) (METERS) (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)
-----
VOL1        0      0.37000E-01      372838.8  3751633.0  10.0      4.10      27.67      1.16      YES
*** AERMOD - VERSION 09292 ***      *** Site 22 - PM2.5      ***      10/26/10
***                                     ***                                     ***      18:10:14
***                                     ***                                     ***      PAGE 3

**MODELOPTs: NonDEFAULT CONC      FLAT
NODRYDPLT NOWETDPLT

*** AREA SOURCE DATA ***

SOURCE      NUMBER EMISSION RATE      COORD (SW CORNER)      BASE      RELEASE      X-DIM      Y-DIM      ORIENT.      INIT.      URBAN      EMISSION RATE
ID          PART.  (/METER**2)      X          Y          ELEV.      HEIGHT      OF AREA      OF AREA      OF AREA      SZ          SOURCE      SCALAR VARY
CATS.      (METERS) (METERS) (METERS) (METERS) (METERS) (METERS) (METERS) (DEG.) (METERS)
-----
AREAL       0      0.10105E-04      372780.5  3751574.7  10.0      0.00      119.00      119.00      0.00      0.00      YES
*** AERMOD - VERSION 09292 ***      *** Site 22 - PM2.5      ***      10/26/10
***                                     ***                                     ***      18:10:14
***                                     ***                                     ***      PAGE 4

**MODELOPTs: NonDEFAULT CONC      FLAT
NODRYDPLT NOWETDPLT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID      SOURCE IDs

ALL          VOL1      , AREAL      ,
*** AERMOD - VERSION 09292 ***      *** Site 22 - PM2.5      ***      10/26/10
***                                     ***                                     ***      18:10:14
***                                     ***                                     ***      PAGE 5

**MODELOPTs: NonDEFAULT CONC      FLAT
NODRYDPLT NOWETDPLT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)
371514.0, 371652.7, 371791.4, 371930.1, 372068.7, 372207.4, 372346.1, 372484.8, 372623.5, 372762.2,
372900.9, 373039.6, 373178.3, 373317.0, 373455.6, 373594.3, 373733.0, 373871.7, 374010.4, 374149.1,
374287.8,

*** Y-COORDINATES OF GRID ***
(METERS)
3750177.5, 3750306.7, 3750435.9, 3750565.1, 3750694.3, 3750823.5, 3750952.7, 3751081.9, 3751211.0, 3751340.2,
3751469.4, 3751598.6, 3751727.8, 3751857.0, 3751986.2, 3752115.4, 3752244.6, 3752373.8, 3752502.9, 3752632.1,
3752761.3,
*** AERMOD - VERSION 09292 ***      *** Site 22 - PM2.5      ***      10/26/10
***                                     ***                                     ***      18:10:14
***                                     ***                                     ***      PAGE 6

**MODELOPTs: NonDEFAULT CONC      FLAT
NODRYDPLT NOWETDPLT

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

```


Site #22 – Localized PM_{2.5} Concentrations

3750952.66	0.41402	0.49529	0.57810	0.65264	0.70708	0.70227	0.62464	0.51424	0.38584
3750823.47	0.40603	0.45618	0.49995	0.53160	0.53014	0.48337	0.42350	0.34401	0.26645
3750694.28	0.36923	0.39692	0.41695	0.41703	0.38692	0.34958	0.29969	0.24568	0.19880
3750565.09	0.32396	0.33748	0.33825	0.31822	0.29127	0.26203	0.22265	0.18304	0.15613
3750435.90	0.27987	0.28094	0.26732	0.24644	0.22818	0.19987	0.17281	0.14219	0.12678
3750306.71	0.23777	0.22836	0.21189	0.19847	0.18082	0.15761	0.13688	0.11501	0.10537
3750177.52	0.19778	0.18476	0.17352	0.16276	0.14457	0.12876	0.11022	0.09602	0.08917

*** AERMOD - VERSION 09292 ***
 *** Site 22 - PM2.5

 10/26/10
 18:10:14
 PAGE 10

**MODELOPTs: NonDEFAULT CONC

FLAT
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
 VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	372762.19	372900.88	373039.57	X-COORD (METERS)	373178.26	373316.95	373455.64	373594.33	373733.02	373871.71
3752761.32	0.17608	0.19910	0.20803	0.21836	0.21667	0.20149	0.19810	0.19186	0.19349	
3752632.13	0.21392	0.24490	0.25695	0.27048	0.25708	0.24552	0.23861	0.23818	0.24161	
3752502.94	0.26639	0.31036	0.32854	0.33972	0.31574	0.30678	0.30250	0.30759	0.31325	
3752373.75	0.34255	0.40926	0.43870	0.43414	0.41016	0.40109	0.40792	0.41472	0.40735	
3752244.56	0.40609	0.57066	0.61628	0.58423	0.56515	0.57278	0.57906	0.55289	0.49441	
3752115.37	0.66414	0.86678	0.92030	0.86965	0.87596	0.87233	0.79034	0.65756	0.52033	
3751986.18	1.07764	1.52090	1.55644	1.54422	1.47378	1.19976	0.88399	0.63712	0.47171	
3751856.99	2.15312	3.53587	3.61815	2.99333	1.92248	1.18105	0.77085	0.54012	0.39980	
3751727.80	6.83071	21.36524	8.26645	3.11689	1.51566	0.89791	0.60054	0.43432	0.33130	
3751598.61	43.13225	75.28213	3.96941	1.67660	0.96108	0.63464	0.45556	0.34561	0.27273	
3751469.42	6.35521	2.77778	1.33490	0.83069	0.56631	0.41929	0.32464	0.26007	0.21382	
3751340.23	1.62374	1.08585	0.76320	0.40519	0.38700	0.29418	0.23648	0.19770	0.16797	
3751211.04	0.76284	0.58991	0.51896	0.34226	0.26726	0.23173	0.18979	0.15546	0.13349	
3751081.85	0.46120	0.37973	0.34279	0.29084	0.19718	0.17076	0.15571	0.13558	0.11467	
3750952.66	0.31566	0.26771	0.24145	0.23608	0.17766	0.13061	0.12007	0.11281	0.10166	
3750823.47	0.23225	0.20068	0.18454	0.18028	0.16046	0.11972	0.09437	0.08982	0.08621	
3750694.28	0.17953	0.15725	0.14745	0.13748	0.13949	0.11269	0.08644	0.07229	0.07018	
3750565.09	0.14390	0.12735	0.12056	0.11036	0.11551	0.10403	0.08343	0.06559	0.05767	
3750435.90	0.11854	0.10577	0.10023	0.09304	0.09302	0.09380	0.07898	0.06436	0.05183	
3750306.71	0.09975	0.08960	0.08456	0.08060	0.07620	0.08166	0.07397	0.06200	0.05105	
3750177.52	0.08535	0.07712	0.07234	0.07076	0.06495	0.06875	0.06824	0.05899	0.05013	

*** AERMOD - VERSION 09292 ***
 *** Site 22 - PM2.5

 10/26/10
 18:10:14
 PAGE 11

**MODELOPTs: NonDEFAULT CONC

FLAT
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
 VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	374010.40	374149.09	374287.78	X-COORD (METERS)						
3752761.32	0.19571	0.19912	0.20233							
3752632.13	0.24605	0.24832	0.24221							
3752502.94	0.31286	0.29990	0.27828							
3752373.75	0.38024	0.34103	0.29650							
3752244.56	0.42144	0.34845	0.28529							
3752115.37	0.40606	0.32163	0.26105							
3751986.18	0.36254	0.28717	0.23286							
3751856.99	0.30882	0.24683	0.20279							
3751727.80	0.26254	0.21409	0.17851							
3751598.61	0.22166	0.18434	0.15615							
3751469.42	0.17945	0.15321	0.13270							
3751340.23	0.14467	0.12620	0.11118							
3751211.04	0.11782	0.10483	0.09371							
3751081.85	0.09813	0.08725	0.07925							
3750952.66	0.08993	0.07768	0.06852							
3750823.47	0.07905	0.07237	0.06433							
3750694.28	0.06846	0.06344	0.05918							
3750565.09	0.05662	0.05594	0.05230							
3750435.90	0.04739	0.04682	0.04672							
3750306.71	0.04234	0.03981	0.03949							
3750177.52	0.04141	0.03553	0.03404							

*** AERMOD - VERSION 09292 ***
 *** Site 22 - PM2.5

 10/26/10
 18:10:14
 PAGE 12

**MODELOPTs: NonDEFAULT CONC

FLAT
 NODRYDPLT NOWETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
 VOL1 , AREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372687.37	3751957.29	0.99433	372914.88	3751945.62	1.92953
373051.97	3751954.38	1.83418	373154.06	3752021.46	1.28763
373279.49	3752047.71	1.15558	372652.37	3751356.42	2.85456
372789.46	3751359.34	1.67720	372909.05	3751359.34	1.19937
372911.97	3751496.43	3.40589			

*** AERMOD - VERSION 09292 ***
 *** Site 22 - PM2.5

 10/26/10
 18:10:14
 PAGE 13

**MODELOPTs: NonDEFAULT CONC

FLAT
 NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES FOR SOURCE GROUP: ALL ***
 VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Site #22 – Localized PM_{2.5} Concentrations

Y-COORD (METERS)		** CONC OF PM2.5		IN MICROGRAMS/M**3		**	
		371513.98	371652.67	X-COORD (METERS)	37191.36	371930.05	372068.74
3752761.3	0.95549 (07021124)	0.73133m(05010924)	1.28951 (07071924)	1.64404 (06062824)	1.52104 (05082524)		
3752632.1	1.08772 (05030524)	1.11816 (07021124)	0.88782m(05010924)	1.54744 (07071924)	1.79821 (06062824)		
3752502.9	1.60509 (06110124)	1.19585 (05030524)	1.31338 (07021124)	1.10757m(05010924)	2.11149 (06062824)		
3752373.8	1.16544 (06062924)	1.91546 (06110124)	1.55490 (06110124)	1.54347 (07021124)	1.43195m(05010924)		
3752244.6	1.30578 (07091324)	1.48424 (07091324)	1.83966 (06110124)	2.44011 (06110124)	1.80333 (07021124)		
3752115.4	1.21507 (05092124)	1.20232 (05092124)	1.81940 (07091324)	2.07039 (07091324)	3.23310 (06110124)		
3751986.2	1.74828 (07020624)	1.99971 (07020624)	1.85399 (07020624)	1.93343 (05092124)	2.76579 (07091324)		
3751857.0	1.48554 (06010124)	1.75883 (06010124)	1.96364 (06010124)	2.59153 (07020624)	3.49592 (07020624)		
3751727.8	1.63916 (07010624)	1.95990 (07010624)	2.35895 (07010624)	2.84637 (07010624)	3.62274 (05122624)		
3751598.6	1.95485 (07112524)	2.31923 (07112524)	2.80343 (07112524)	3.46634 (07112524)	4.40636 (07112524)		
3751469.4	1.86385 (06110924)	2.38535m(05012424)	3.16479m(05012424)	4.25759m(05012424)	5.65144m(05012424)		
3751340.2	2.53965m(05012424)	2.93358m(05012424)	3.33269 (06012524)	4.01233 (06012524)	4.69771 (07031324)		
3751211.0	2.22099 (06012524)	2.50778 (07031324)	3.04382 (07031324)	3.77440 (06020124)	4.63708 (06122024)		
3751081.9	2.26236 (06020124)	2.62221 (06020124)	3.03384 (06122024)	4.01073 (06111624)	4.20744 (05111224)		
3750952.7	2.21913 (05112924)	2.63586 (06111624)	3.07370 (06111624)	3.57663 (05111224)	4.10570 (05120824)		
3750823.5	2.40438 (06111624)	2.39221 (07123024)	2.99101 (05111224)	3.17071 (05120824)	3.60162 (05100924)		
3750694.3	1.91784 (07123024)	2.49909 (05111224)	2.54027 (05120824)	2.90334 (05100924)	2.91616 (05060724)		
3750565.1	2.10153 (05111224)	2.09337 (05120824)	2.38644 (05100924)	2.43070 (05060724)	2.13256 (05122924)		
3750435.9	1.77427 (07070124)	1.99460 (05100924)	1.98395 (05060724)	1.84094 (05122924)	1.65470 (05091724)		
3750306.7	1.69172 (05100924)	1.64484 (05100924)	1.68213 (05060724)	1.44687 (06030424)	1.53211 (07013024)		
3750177.5	1.49047 (05100924)	1.55192 (05060724)	1.34452 (06030424)	1.28635 (05091724)	1.34738 (07013024)		
*** AERMOD - VERSION 09292 ***	*** Site 22 - PM2.5 ***				10/26/10		
					18:10:14		
					PAGE 14		

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Y-COORD (METERS)		** CONC OF PM2.5		IN MICROGRAMS/M**3		**	
		372207.43	372346.12	X-COORD (METERS)	372484.81	372623.50	372762.19
3752761.3	1.38147 (05101024)	1.94448 (06090524)	1.64133 (06090524)	1.84567 (06091124)	2.06892 (07050924)		
3752632.1	1.63445 (05101024)	1.49529 (06090524)	2.36433 (06090524)	2.16442 (06091124)	2.31728 (07050924)		
3752502.9	1.83866 (06062824)	1.94694 (05101024)	2.97410 (06090524)	2.43156 (06091124)	2.60821 (07050924)		
3752373.8	2.86500 (06062824)	2.53962 (05082524)	2.72055 (06090524)	3.21106 (06090524)	3.16226 (07030724)		
3752244.6	1.94446m(05010924)	3.78415 (06062824)	2.98458 (05101024)	4.83085 (06090524)	4.05902 (07030724)		
3752115.4	2.31452 (05030524)	2.83621m(05010924)	4.67037 (06062824)	5.79709 (06090524)	5.86267 (06091124)		
3751986.2	3.16131 (06110124)	4.37568 (06110124)	4.63430m(05010924)	5.84884 (05082524)	10.68882 (06090524)		
3751857.0	3.95915 (07020624)	4.90066 (07091324)	7.39127 (06110124)	9.61841 (06062824)	20.54700 (06090524)		
3751727.8	4.62479 (05122624)	5.93991 (06010124)	9.05348 (07020624)	17.02398 (07020624)	38.68342m(05010924)		
3751598.6	5.88334 (06110924)	8.39733 (06110924)	15.45714m(05012424)	31.57688m(05012424)	118.43837 (07112524)		
3751469.4	7.16930 (06012524)	9.86516 (06012524)	15.09804 (05121124)	26.41097 (06123024)	32.98211 (06010524)		
3751340.2	6.20298 (05121124)	8.78667 (06111624)	13.05298 (05120824)	15.17011 (05122924)	13.82584 (05020424)		
3751211.0	6.03790 (07123024)	8.13195 (05120824)	9.36593 (05122924)	8.71245 (06120424)	9.93573 (07081524)		
3751081.9	5.58483 (05120824)	6.01089 (05122924)	4.96913 (05112824)	5.66233 (06120424)	8.23756 (07081524)		
3750952.7	4.57174 (05100924)	4.33196 (05122924)	4.21904 (06120424)	4.63645 (05020424)	6.76306 (07081524)		
3750823.5	3.48771 (05122924)	2.93976 (05112824)	3.39880 (06120424)	3.47791 (05020424)	5.62908 (07081524)		
3750694.3	2.37887 (06030424)	2.54106 (06120424)	2.63628 (05111124)	2.60436 (06112824)	4.80029 (07081524)		
3750565.1	1.93229 (05112824)	2.25732 (06120424)	2.34410 (05020424)	2.24443 (05102624)	4.18679 (07081524)		
3750435.9	1.75206 (07013024)	1.80979 (06120424)	2.01017 (05020424)	2.02215 (05102624)	3.71581 (07081524)		
3750306.7	1.60869 (06120424)	1.74112 (05111124)	1.66422 (05020424)	1.75170 (05102624)	3.39984 (07081524)		
3750177.5	1.39493 (06120424)	1.43158 (05020424)	1.34683 (05020424)	1.46359 (05102624)	3.03069 (07081524)		
*** AERMOD - VERSION 09292 ***	*** Site 22 - PM2.5 ***				10/26/10		
					18:10:14		
					PAGE 15		

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Y-COORD (METERS)		** CONC OF PM2.5		IN MICROGRAMS/M**3		**	
		372900.88	373039.57	X-COORD (METERS)	373178.26	373316.95	373455.64
3752761.3	2.04664 (07072624)	2.31981 (07083124)	1.91504 (07083124)	1.68838 (05052624)	2.33325 (07071524)		
3752632.1	2.34366 (07083124)	2.83774 (07083124)	2.33025 (05052624)	2.05465 (07071524)	2.57227 (07071524)		
3752502.9	2.97833 (07083124)	3.45225 (07083124)	2.79829 (05052624)	3.36911 (07071524)	1.76148 (07071524)		
3752373.8	3.95365 (07083124)	4.08919 (07083124)	2.93534 (05052624)	3.50035 (07071524)	2.61487 (07092824)		
3752244.6	5.55686 (07083124)	4.57282 (07083124)	5.41735 (07071524)	3.06092 (07031824)	3.24330 (07092824)		
3752115.4	8.39080 (07083124)	6.31654 (05052624)	5.04868 (07071524)	4.87072 (07092824)	6.18720 (06101024)		
3751986.2	13.67953 (07083124)	10.70883 (07071524)	7.99692 (07092824)	10.24819 (06101024)	7.82984 (06101024)		
3751857.0	23.83718 (07083124)	15.75194 (07092824)	18.80954 (06101024)	9.26824 (06052024)	6.76949 (05090224)		
3751727.8	59.21185 (07031824)	32.38626 (06101024)	16.30757 (05081824)	8.75373 (05081824)	6.13185 (06050424)		
3751598.6	205.95259 (06051424)	26.77535 (06060724)	12.59445 (07051524)	8.08326 (07051524)	5.57099 (07051524)		
3751469.4	24.80972 (05120324)	12.12684 (06051424)	7.58644 (05070224)	6.30414 (07110724)	4.47964 (07110724)		
3751340.2	13.96535 (07081524)	6.23140 (05061324)	5.84756 (05082324)	4.19545 (06051424)	3.48147 (05070224)		
3751211.0	10.41841 (07081524)	5.36353 (05120324)	3.69936 (07092724)	3.65226 (05082324)	3.36400 (06051424)		
3751081.9	8.29957 (07081524)	3.81293 (05120324)	2.89533 (07021324)	3.06014 (07092724)	2.49903 (05082324)		
3750952.7	6.83814 (07081524)	3.07345 (05091724)	2.59107 (05081524)	2.66152 (07090824)	2.18936 (07092724)		
3750823.5	5.75996 (07081524)	2.33378 (05091724)	2.05148 (05120324)	1.69397 (07021324)	1.88105 (06071724)		
3750694.3	4.93475 (07081524)	2.10596 (07120824)	1.58245 (05120324)	1.62977 (05081524)	2.31241 (07090824)		
3750565.1	4.28770 (07081524)	1.88114 (07120824)	1.60483 (05091724)	1.47573 (05081524)	1.2452 (07081524)		
3750435.9	3.77053 (07081524)	1.60749 (07120824)	1.63157 (05091724)	1.25043 (06072824)	1.12642 (05081524)		
3750306.7	3.35047 (07081524)	1.32041 (07120824)	1.32121 (05091724)	0.99004 (07051824)	1.11542 (05081524)		
3750177.5	3.00413 (07081524)	1.06068 (07120824)	0.95708 (07120824)	0.89906 (05091724)	0.98054 (06072824)		
*** AERMOD - VERSION 09292 ***	*** Site 22 - PM2.5 ***				10/26/10		
					18:10:14		
					PAGE 16		

Site #22 – Localized PM_{2.5} Concentrations

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	373594.33	373733.02	X-COORD (METERS) 373871.71	374010.40	374149.09
3752761.3	1.58164 (07071524)	1.16208 (06051624)	1.56855 (07092824)	1.19184 (06081224)	1.37602 (06101024)
3752632.1	1.31204 (07031824)	1.88192 (07092824)	1.41993 (06081224)	1.72516 (06101024)	2.02805 (06101024)
3752502.9	2.23298 (07092824)	1.73076 (06081224)	2.22255 (06101024)	2.50039 (06101024)	2.27546 (06101024)
3752373.8	2.29347 (07092824)	2.96353 (06101024)	3.17539 (06101024)	2.88691 (06101024)	2.53879 (06101024)
3752244.6	4.13922 (06101024)	4.21561 (06101024)	3.66687 (06101024)	2.63144 (06101024)	1.92871 (06052024)
3752115.4	5.84848 (06101024)	4.21708 (06101024)	2.80708 (06052024)	2.33379 (05090224)	2.31719 (05090224)
3751986.2	4.58307 (06052024)	3.75014 (05090224)	3.31655 (05090224)	3.03372 (05081824)	2.58425 (05081824)
3751857.0	5.68901 (05081824)	4.23245 (05081824)	2.91214 (05081824)	2.34420 (06050424)	2.10542 (06050424)
3751727.8	4.49955 (06050424)	3.35194 (06050424)	2.53806 (06050424)	1.95767 (06050424)	1.53873 (06050424)
3751598.6	4.07197 (07051524)	3.11823 (07051524)	2.47535 (07051524)	2.02093 (07051524)	1.68706 (07051524)
3751469.4	3.21316 (06060724)	2.56492 (06060724)	2.10692 (06060724)	1.85558 (07051524)	1.62581 (07051524)
3751340.2	2.86424 (07110724)	2.80559 (07110724)	2.15340 (07110724)	1.49126 (07110724)	1.36449 (07090724)
3751211.0	2.49404 (05070224)	2.07181 (05070224)	1.50122 (07110724)	1.75780 (07110724)	1.63406 (07110724)
3751081.9	2.46467 (06051424)	1.73065 (06051424)	1.68121 (05070224)	1.40553 (05070224)	0.99085 (07111824)
3750952.7	1.85068 (07013024)	1.79652 (05082324)	1.63703 (06051424)	1.21588 (05070224)	1.21391 (05070224)
3750823.5	1.49304 (07092724)	1.45041 (07013024)	1.51922 (05082324)	1.40828 (06051424)	0.98927 (06051424)
3750694.3	1.44506 (07092724)	1.12929 (05062324)	1.16752 (07013024)	1.28097 (05082324)	1.15444 (06051424)
3750565.1	2.03806 (07090824)	1.40079 (07092724)	0.98376 (05062324)	0.96025 (07013024)	1.08417 (05082324)
3750435.9	1.75698 (07090824)	1.34600 (07090824)	1.21582 (07092724)	0.84745 (05062324)	0.80414 (07013024)
3750306.7	0.80722 (07081224)	1.96075 (07090824)	0.91444 (06071724)	0.98554 (07092724)	0.76300 (06081624)
3750177.5	0.85614 (06072724)	1.26533 (07090824)	1.63961 (07090824)	0.78230 (07092724)	0.77126 (07092724)

*** AERMOD - VERSION 09292 *** *** Site 22 - PM2.5 ***

**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , AREAL ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	374287.78
3752761.3	1.67671 (06101024)
3752632.1	1.90671 (05082724)
3752502.9	2.15140 (06101024)
3752373.8	1.79323 (06042824)
3752244.6	1.69076 (07032124)
3752115.4	2.01579 (05081824)
3751986.2	2.06447 (05081824)
3751857.0	1.85398 (06050424)
3751727.8	1.25180 (06042124)
3751598.6	1.43375 (07051524)
3751469.4	1.42589 (07051524)
3751340.2	1.23187 (07090724)
3751211.0	1.31394 (07110724)
3751081.9	1.12835 (07110724)
3750952.7	1.03207 (05070224)
3750823.5	0.95389 (05070224)
3750694.3	0.99291 (06051424)
3750565.1	0.92789 (06051424)
3750435.9	0.92388 (05082324)
3750306.7	0.71877 (06081624)
3750177.5	0.74811 (06081624)

*** AERMOD - VERSION 09292 *** *** Site 22 - PM2.5 ***

**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 3 YEARS ***

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **	
X-COORD (M) Y-COORD (M)	CONC (YYMMDDHH)
372687.37 3751957.29	9.53174 (06090524)
373051.97 3751954.38	10.72118 (07071524)
373279.49 3752047.71	5.40893 (07092824)
372789.46 3751359.34	22.62170 (07081524)
372911.97 3751496.43	26.99192 (05120324)

*** AERMOD - VERSION 09292 *** *** Site 22 - PM2.5 ***

**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 3 YEARS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	75.28213 AT (372900.88, 3751598.61, 10.00, 10.00, 0.00)	GC	UCART1
	2ND HIGHEST VALUE IS	43.13225 AT (372762.19, 3751598.61, 10.00, 10.00, 0.00)	GC	UCART1
	3RD HIGHEST VALUE IS	21.36524 AT (372900.88, 3751727.80, 10.00, 10.00, 0.00)	GC	UCART1
	4TH HIGHEST VALUE IS	8.26645 AT (373039.57, 3751727.80, 10.00, 10.00, 0.00)	GC	UCART1
	5TH HIGHEST VALUE IS	6.83071 AT (372762.19, 3751727.80, 10.00, 10.00, 0.00)	GC	UCART1
	6TH HIGHEST VALUE IS	6.82719 AT (372623.50, 3751469.42, 10.00, 10.00, 0.00)	GC	UCART1
	7TH HIGHEST VALUE IS	6.35521 AT (372762.19, 3751469.42, 10.00, 10.00, 0.00)	GC	UCART1
	8TH HIGHEST VALUE IS	6.14728 AT (372623.50, 3751598.61, 10.00, 10.00, 0.00)	GC	UCART1
	9TH HIGHEST VALUE IS	3.96941 AT (373039.57, 3751598.61, 10.00, 10.00, 0.00)	GC	UCART1
	10TH HIGHEST VALUE IS	3.61815 AT (373039.57, 3751856.99, 10.00, 10.00, 0.00)	GC	UCART1

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR

Site #22 – Localized PM_{2.5} Concentrations

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DC = DISCCART
DP = DISCPOLR
*** AERMOD - VERSION 09292 ***   *** Site 22 - PM2.5   ***
***                                     ***                                     ***
**MODELOPTs: NonDEFAULT CONC                                     FLAT
                                                                NODRYDPLT NOWETDPLT
                                                                *** THE SUMMARY OF HIGHEST 24-HR RESULTS ***
                                                                **
                                                                ** CONC OF PM2.5   IN MICROGRAMS/M**3   **
                                                                **
GROUP ID   AVERAGE CONC   DATE   RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)   OF TYPE   NETWORK
-----
ALL   HIGH 1ST HIGH VALUE IS   205.95259   ON 06051424: AT ( 372900.88, 3751598.61, 10.00, 10.00, 0.00)   GC   UCART1

*** RECEPTOR TYPES:   GC = GRIDCART
                        GP = GRIDPOLR
                        DC = DISCCART
                        DP = DISCPOLR
*** AERMOD - VERSION 09292 ***   *** Site 22 - PM2.5   ***
***                                     ***                                     ***
**MODELOPTs: NonDEFAULT CONC                                     FLAT
                                                                NODRYDPLT NOWETDPLT
                                                                ***
                                                                ***                                     ***
                                                                ***                                     ***
*** Message Summary : AERMOD Model Execution ***
----- Summary of Total Messages -----
A Total of           0 Fatal Error Message(s)
A Total of           0 Warning Message(s)
A Total of          152 Informational Message(s)
A Total of           26280 Hours Were Processed
A Total of            15 Calm Hours Identified
A Total of           137 Missing Hours Identified ( 0.52 Percent)

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

***** WARNING MESSAGES *****
*** NONE ***

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

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Technical Advisory

CEQA AND CLIMATE CHANGE: Addressing Climate Change Through California Environmental Quality Act (CEQA) Review

This technical advisory is one in a series of advisories provided by the Governor's Office of Planning and Research (OPR) as a service to professional planners, land use officials and CEQA practitioners. OPR issues technical guidance from time to time on issues that broadly affect the practice of CEQA and land use planning. The emerging role of CEQA in addressing climate change and greenhouse gas emissions has been the topic of much discussion and debate in recent months. This document provides OPR's perspective on the issue.

I. PURPOSE

General scientific consensus and increasing public awareness regarding global warming and climate change have placed new focus on the California Environmental Quality Act (CEQA) review process as a means to address the effects of greenhouse gas (GHG) emissions from proposed projects on climate change. Many public agencies—along with academic, business, and community organizations—are striving to determine the appropriate means by which to evaluate and mitigate the impacts of proposed projects on climate change. Approaches and methodologies for calculating GHG emissions and addressing the environmental impacts through CEQA review are rapidly evolving and are increasingly available to assist public agencies to prepare their CEQA documents and make informed decisions.

JUNE 19, 2008

STATE OF CALIFORNIA
Arnold Schwarzenegger,
Governor

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The Governor's Office of Planning and Research (OPR) will develop, and the California Resources Agency (Resources Agency) will certify and adopt amendments to the Guidelines implementing the California Environmental Quality Act ("CEQA Guidelines"), on or before January 1, 2010, pursuant to Senate Bill 97 (Dutton, 2007). These new CEQA Guidelines will provide regulatory guidance on the analysis and mitigation of GHG emissions in CEQA documents. In the interim, OPR offers the following informal guidance regarding the steps lead agencies should take to address climate change in their CEQA documents. This guidance was developed in cooperation with the Resources Agency, the California Environmental Protection Agency (Cal/EPA), and the California Air Resources Board (ARB).

II. BACKGROUND

Climate change refers to any significant change in measures of climate, such as average temperature, precipitation, or wind patterns over a period of time. Climate change may result from natural factors, natural processes, and human activities that change the composition of the atmosphere and alter the surface and features of the land. Significant changes in global climate patterns have recently been associated with global warming, an average increase in the temperature of the atmosphere near the Earth's surface, attributed to accumulation of GHG emissions in the atmosphere. Greenhouse gases trap heat in the atmosphere, which in turn heats the surface of the Earth. Some GHGs occur naturally and are emitted to the atmosphere through natural processes, while others are created and emitted solely through human activities. The emission of GHGs through the combustion of fossil fuels (i.e., fuels containing carbon) in conjunction with other human activities, appears to be closely associated with global warming.

State law defines GHG to include the following: carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), hydrofluorocarbons, perfluorocarbons, and sulfur hexafluoride (Health and Safety Code, section 38505(g).) The most common GHG that results from human activity is carbon dioxide, followed by methane and nitrous oxide.

Requirements of AB 32 and SB 97

Assembly Bill 32 (AB 32), the California Global Warming Solutions Act of 2006 (Nunez, 2006), recognizes that California is the source of substantial amounts of GHG emissions. The statute begins with several legislative findings and declarations of intent, including the following:

Global warming poses a serious threat to the economic well-being, public health, natural resources, and the environment of California. The potential adverse impacts of global warming include the exacerbation of air quality problems, a reduction in the quality and supply of water to the state from the Sierra snow pack, a rise in sea levels resulting in the displacement of thousands of coastal businesses and residences, damage to marine ecosystems and the natural environment, and an increase in the incidences of infectious diseases, asthma, and other human health-related problems. (Health and Safety Code, section 38501.)

In order to avert these consequences, AB 32 establishes a state goal of reducing GHG emissions to 1990 levels by the year 2020 (a reduction of approximately 25 percent from forecast emission levels) with further reductions to follow. The law requires the ARB to establish a program to track and report GHG emissions; approve a scoping plan for achieving the maximum technologically feasible and cost effective reductions from sources of GHG emissions; adopt early reduction measures to begin moving forward; and adopt, implement and enforce regulations – including market mechanisms such as “cap-and-trade” programs – to ensure the required reductions occur. The ARB recently adopted a statewide GHG emissions limit and an emissions inventory, along with requirements to measure, track, and report GHG emissions by the industries it determined to be significant sources of GHG emissions.

CEQA requires public agencies to identify the potentially significant effects on the environment of projects they intend to carry out or approve, and to mitigate significant effects whenever it is feasible to do so. While AB 32 did not amend CEQA to require new analytic processes to account for the environmental impacts of GHG emissions from projects subject to CEQA, it does acknowledge that such emissions cause significant adverse impacts to human health and the environment.

Senate Bill 97, enacted in 2007, amends the CEQA statute to clearly establish that GHG emissions and the effects of GHG emissions are appropriate subjects for CEQA analysis. It directs OPR to develop draft CEQA Guidelines “for the mitigation of greenhouse gas emissions or the effects of greenhouse gas emissions” by July 1, 2009 and directs the Resources Agency to certify and adopt the CEQA Guidelines by January 1, 2010.

Requirements of CEQA

CEQA is a public disclosure law that requires public agencies to make a

good-faith, reasoned effort, based upon available information, to identify the potentially significant direct and indirect environmental impacts—including cumulative impacts— of a proposed project or activity. The CEQA process is intended to inform the public of the potential environmental effects of proposed government decisions and to encourage informed decision-making by public agencies. In addition, CEQA obligates public agencies to consider less environmentally-damaging alternatives and adopt feasible mitigation measures to reduce or avoid a project's significant impacts.

The lead agency is required to prepare an Environmental Impact Report (EIR), a Mitigated Negative Declaration, or equivalent document, when it determines that the project's impacts on the environment are potentially significant. This determination of significance must be based upon substantial evidence in light of all the information before the agency.

Although the CEQA Guidelines, at Appendix G, provide a checklist of suggested issues that should be addressed in an EIR, neither the CEQA statute nor the CEQA Guidelines prescribe thresholds of significance or particular methodologies for performing an impact analysis. This is left to lead agency judgment and discretion, based upon factual data and guidance from regulatory agencies and other sources where available and applicable. A threshold of significance is essentially a regulatory standard or set of criteria that represent the level at which a lead agency finds a particular environmental effect of a project to be significant. Compliance with a given threshold means the effect normally will be considered less than significant. Public agencies are encouraged but not required to adopt thresholds of significance for environmental impacts. Even in the absence of clearly defined thresholds for GHG emissions, the law requires that such emissions from CEQA projects must be disclosed and mitigated to the extent feasible whenever the lead agency determines that the project contributes to a significant, cumulative climate change impact.

We realize that perhaps the most difficult part of the climate change analysis will be the determination of significance. Although lead agencies typically rely on local or regional definitions of significance for most environmental issues, the global nature of climate change warrants investigation of a statewide threshold of significance for GHG emissions. To this end, OPR has asked ARB technical staff to recommend a method for setting thresholds which will encourage consistency and uniformity in the CEQA analysis of GHG emissions throughout the state. Until such time as state guidance is available on thresholds of significance for GHG emissions, we recommend the following approach to your CEQA analysis.

III. RECOMMENDED APPROACH

Each public agency that is a lead agency for complying with CEQA needs to develop its own approach to performing a climate change analysis for projects that generate GHG emissions. A consistent approach should be applied for the analysis of all such projects, and the analysis must be based on best available information. For these projects, compliance with CEQA entails three basic steps: identify and quantify the GHG emissions; assess the significance of the impact on climate change; and if the impact is found to be significant, identify alternatives and/or mitigation measures that will reduce the impact below significance.

Lead agencies should determine whether greenhouse gases may be generated by a proposed project, and if so, quantify or estimate the GHG emissions by type and source. Second, the lead agency must assess whether those emissions are individually or cumulatively significant. When assessing whether a project's effects on climate change are "cumulatively considerable" even though its GHG contribution may be individually limited, the lead agency must consider the impact of the project when viewed in connection with the effects of past, current, and probable future projects. Finally, if the lead agency determines that the GHG emissions from the project as proposed are potentially significant, it must investigate and implement ways to avoid, reduce, or otherwise mitigate the impacts of those emissions. Although the scientific knowledge and understanding of how best to perform this analysis is rudimentary and still evolving, many useful resources are available (see Attachment 1).

Until such time as further state guidance is available on thresholds of significance, public agencies should consider the following general factors when analyzing whether a proposed project has the potential to cause a significant climate change impact on the environment.

Identify GHG Emissions

- Lead agencies should make a good-faith effort, based on available information, to calculate, model, or estimate the amount of CO₂ and other GHG emissions from a project, including the emissions associated with vehicular traffic, energy consumption, water usage and construction activities.
- Technical resources, including a variety of modeling tools, are available to assist public agencies to quantify GHG emissions. OPR recognizes that more sophisticated emissions models for particular types of projects are continually being developed and that the state-of-the-art quantification

models are rapidly changing. OPR will periodically update the examples of modeling tools identified in Attachment 2.

- There is no standard format for including the analysis in a CEQA document. A GHG/climate change analysis can be included in one or more of the typical sections of an EIR (e.g., air quality, transportation, energy) or may be provided in a separate section on cumulative impacts or climate change.

Determine Significance

- When assessing a project's GHG emissions, lead agencies must describe the existing environmental conditions or setting, without the project, which normally constitutes the baseline physical conditions for determining whether a project's impacts are significant.
- As with any environmental impact, lead agencies must determine what constitutes a significant impact. In the absence of regulatory standards for GHG emissions or other scientific data to clearly define what constitutes a "significant impact", individual lead agencies may undertake a project-by-project analysis, consistent with available guidance and current CEQA practice.
- The potential effects of a project may be individually limited but cumulatively considerable. Lead agencies should not dismiss a proposed project's direct and/or indirect climate change impacts without careful consideration, supported by substantial evidence. Documentation of available information and analysis should be provided for any project that may significantly contribute new GHG emissions, either individually or cumulatively, directly or indirectly (e.g., transportation impacts).
- Although climate change is ultimately a cumulative impact, not every individual project that emits GHGs must necessarily be found to contribute to a significant cumulative impact on the environment. CEQA authorizes reliance on previously approved plans and mitigation programs that have adequately analyzed and mitigated GHG emissions to a less than significant level as a means to avoid or substantially reduce the cumulative impact of a project.

Mitigate Impacts

- Mitigation measures will vary with the type of project being contemplated, but may include alternative project designs or locations that conserve energy and water, measures that reduce vehicle miles traveled

(VMT) by fossil-fueled vehicles, measures that contribute to established regional or programmatic mitigation strategies, and measures that sequester carbon to offset the emissions from the project.

- The lead agency must impose all mitigation measures that are necessary to reduce GHG emissions to a less than significant level. CEQA does not require mitigation measures that are infeasible for specific legal, economic, technological, or other reasons. A lead agency is not responsible for wholly eliminating all GHG emissions from a project; the CEQA standard is to mitigate to a level that is “less than significant”.
- If there are not sufficient mitigation measures that the lead agency determines are feasible to achieve the less than significant level, the lead agency should adopt those measures that are feasible, and adopt a Statement of Overriding Considerations that explains why further mitigation is not feasible. A Statement of Overriding Considerations must be prepared when the lead agency has determined to approve a project for which certain impacts are unavoidable. These statements should explain the reasons why the impacts cannot be adequately mitigated in sufficient detail, and must be based on specific facts, so as not to be conclusory.
- Agencies are encouraged to develop standard GHG emission reduction or mitigation measures that can be applied on a project-by-project basis. Attachment 3 contains a preliminary menu of measures that lead agencies may wish to consider. This list is by no means exhaustive or prescriptive. Lead agencies are encouraged to develop their own measures and/or propose project alternatives to reduce GHG emissions, either at a programmatic level or on a case-by-case review.
- In some cases GHG emission reduction measures will not be feasible or may not be effective at a project level. Rather, it may be more appropriate and more effective to develop and adopt program-level plans, policies and measures that will result in a reduction of GHG emissions on a regional level.

IV. ADDITIONAL LAND USE CONSIDERATIONS

CEQA can be a more effective tool for GHG emissions analysis and mitigation if it is supported and supplemented by sound development policies and practices that will reduce GHG emissions on a broad planning scale and that can provide the basis for a programmatic approach to project-specific CEQA analysis and mitigation.

Local governments with land use authority are beginning to establish policies that result in land use patterns and practices that will result in less energy use and reduce GHG emissions. For example, some cities and counties have adopted general plans and policies that encourage the development of compact, mixed-use, transit-oriented development that reduces VMT; encourage alternative fuel vehicle use; conserve energy and water usage; and promote carbon sequestration. Models of such developments exist throughout the state (see OPR climate change website for examples of city and county plans and policies, referenced in Attachment 1).

For local government lead agencies, adoption of general plan policies and certification of general plan EIRs that analyze broad jurisdiction-wide impacts of GHG emissions can be part of an effective strategy for addressing cumulative impacts and for streamlining later project-specific CEQA reviews.

International, national, and statewide organizations such as ICLEI (Local Governments for Sustainability), the Cities for Climate Protection, and the Clean Cities Coalition—to name just a few—have published guidebooks to help local governments reduce GHG emissions through land use planning techniques and improved municipal operations. Links to these resources are provided at the end of this advisory.

Regional agencies can also employ a variety of strategies to reduce GHG emissions through their planning processes. For example, regional transportation planning agencies adopt plans and programs that address congestion relief, jobs-to-housing balance, reduction of vehicle miles traveled (VMT), and other issues that have implications for GHG emission reductions.

State agencies are also tackling the issue of climate change. Some have adopted or support policies and programs that take climate change into account, including the Department of Water Resources' State Water Plan; the Department of Transportation's State Transportation Plan; and the Business, Housing and Transportation Agency's Regional Blueprint Planning Program. These efforts not only raise public awareness of climate change and how the State can reduce GHG emissions, but also offer specific information and resources for lead agencies to consider.

V. NEXT STEPS

OPR has asked ARB technical staff to recommend a method for setting a threshold of significance for GHG emissions. OPR has requested that the ARB identify a range of feasible options, including qualitative and quantitative options.

OPR is actively seeking input from the public and stakeholder groups, as it develops draft CEQA Guidelines for GHG emissions. OPR is engaged with the Resources Agency and other expert state agencies, local governments, builders and developers, environmental organizations, and others with expertise or an interest in the development of the Guidelines.

OPR will conduct public workshops later this year to receive input on the scope and content of the CEQA Guidelines amendments. It is OPR's intent to release a preliminary draft of the CEQA Guidelines amendments for public review and comment in the fall. This will enable OPR to deliver a proposed package of CEQA Guidelines amendments to the Resources Agency as early as January 2009, well before the statutory due date of July 1, 2009.

We encourage public agencies and the public to refer to the OPR website at www.opr.ca.gov for information about the CEQA Guidelines development process and to subscribe to OPR's notification system for announcements and updates.

For more information about this technical advisory and assistance in addressing the impacts of GHG emissions on the environment, please contact:

Governor's Office of Planning and Research
State Clearinghouse
1400 Tenth Street
P.O. Box 3044
Sacramento, CA 95812-3044
Telephone: (916) 445-0613
Fax: (916) 323-3018
Web Address: www.opr.ca.gov

ATTACHMENTS

1. References and Information Sources
2. Technical Resources/Modeling Tools to Estimate GHG Emissions
3. Examples of GHG Reduction Measures

Attachment 1

References and Information Sources

The following is a list of websites of organizations that can offer additional information regarding methods to characterize, quantify, assess and reduce GHG emissions. In addition, a list of useful resources and reference materials is provided on the subject of climate change and greenhouse gases.

ORGANIZATIONS

- Governor's Office of Planning and Research
<http://www.opr.ca.gov>
- California Climate Action Team
http://www.climatechange.ca.gov/climate_action_team/
- California Climate Change Portal
<http://www.climatechange.ca.gov>
- California Air Resources Board Climate Change Website
<http://www.arb.ca.gov/cc/cc.htm>
- California Climate Action Registry
<http://www.climateregistry.org/>
- California Department of Water Resources, Climate Change and California Water Plan Website
<http://www.waterplan.water.ca.gov/climate/>
- California Energy Commission Climate Change Proceedings
http://www.energy.ca.gov/global_climate_change/index.html
- California Public Utilities Commission, Climate Change Website
http://www.cpuc.ca.gov/static/energy/electric/climate+change/_index.htm
- Green California Website
<http://www.green.ca.gov/default.htm>
- Western Climate Initiative
<http://www.westernclimateinitiative.org>

- California Air Pollution Control Officers Association
<http://www.capcoa.org>
- Local Governments for Sustainability (ICLEI)
<http://www.iclei.org/>
- ICLEI Cities for Climate Protection (CCP)
<http://www.iclei.org/index.php?id=800>
- United Nations Framework Convention on Climate Change
<http://unfccc.int/2860.php>
- Intergovernmental Panel on Climate Change
<http://www.ipcc.ch>
- United States Environmental Protection Agency
<http://www.epa.gov/climatechange/>
- City of Seattle U.S. Mayors Climate Protection Agreement
<http://www.seattle.gov/mayor/climate/>
- Mayors for Climate Protection
<http://www.coolmayors.com>
- U.S. Conference of Mayors Climate Protection Web Page
<http://usmayors.org/climateprotection>
- Institute for Local Government California Climate Action Network
<http://www.ca-ilg.org/climatechange>

STATUTES, REGULATIONS, AND EXECUTIVE ORDERS

- SB 97
http://opr.ca.gov/ceqa/pdfs/SB_97_bill_20070824_chaptered.pdf
- SB 97 Governor's Signing Message
<http://opr.ca.gov/ceqa/pdfs/SB-97-signing-message.pdf>
- AB 32
http://www.leginfo.ca.gov/pub/05-06/bill/asm/ab_0001-0050/ab_32_bill_20060927_chaptered.pdf
- AB 1493
http://www.leginfo.ca.gov/pub/01-02/bill/asm/ab_1451-1500/ab_1493_bill_20020722_chaptered.pdf

- Regulations implementing AB 1493
<http://www.arb.ca.gov/regact/grnhsgas/revfro.pdf> and <http://www.arb.ca.gov/regact/grnhsgas/revtp.pdf>
- SB 1368
http://www.leginfo.ca.gov/pub/05-06/bill/sen/sb_1351-1400/sb_1368_bill_20060929_chaptered.pdf
- Executive Order S-01-07 regarding low carbon standard for transportation fuels
<http://gov.ca.gov/index.php?/executive-order/5172/>
- Executive Order S-20-06 regarding implementation of AB 32
<http://gov.ca.gov/index.php?/executive-order/4484/>
- Executive Order S-3-05 regarding greenhouse gas goals
<http://gov.ca.gov/index.php?/executive-order/1861/>
- Executive Order S-20-04 regarding energy conservation by state
<http://gov.ca.gov/index.php?/executive-order/3360/>

REPORTS

- OPR List of Environmental Documents Addressing Climate Change
http://opr.ca.gov/ceqa/pdfs/Environmental_Assessment_Climate_Change.pdf
- OPR List of Local Plans Addressing Climate Change
http://opr.ca.gov/ceqa/pdfs/City_and_County_Plans_Addressing_Climate_Change.pdf
- *Climate Action Team Proposed Early Action Measures to Mitigate Climate Change in California*, April 2007
http://www.climatechange.ca.gov/climate_action_team/reports/2007-04-20_CAT_REPORT.PDF
- California Air Resources Board, *Early Action Items to Mitigate Climate Change in California*, October 2007
http://www.arb.ca.gov/cc/ccea/meetings/ea_final_report.pdf
- California Air Resourced Board, *Draft Greenhouse Gas Inventory*, November 2007
http://www.arb.ca.gov/cc/inventory/data/tables/rpt_Inventory_IPCC_All_2007-11-19.pdf
- *Climate Action Team Report to the Governor and Legislature*, March 2006,
http://www.climatechange.ca.gov/climate_action_team/reports/index.html

- California Climate Change Center, *Our Changing Planet: Assessing the Risks to California - Summary Report*
<http://www.energy.ca.gov/2006publications/CEC-500-2006-077/CEC-500-2006-077.PDF>
Detailed reports available at: http://www.climatechange.ca.gov/biennial_reports/2006report/index.html
- California Energy Commission, *2007 Integrated Energy Policy Report Update*
<http://www.energy.ca.gov/2007publications/CEC-100-2007-008/CEC-100-2007-008-CMF.PDF>
- California Department of Water Resources, *Progress on Incorporating Climate Change into Management of California's Water Resources*
<http://baydeltaoffice.water.ca.gov/climatechange/DWRClimateChangeJuly06.pdf> - pagemode=bookmarks&page=1
- *Climate Action Program at Caltrans*, December 2006
<http://www.dot.ca.gov/docs/ClimateReport.pdf>
- California Air Pollution Control Officers Association, *CEQA & Climate Change*, January 2008
<http://www.capcoa.org/ceqa/CAPCOA%20White%20Paper%20-%20CEQA%20and%20Climate%20Change.pdf>
- West Coast Governors' Global Warming Initiative, November 2004
http://www.climatechange.ca.gov/westcoast/documents/2004-11_final_report/2004-11-18_STAFF_RECOMMENDS.PDF
- Western Climate Initiative Work Plan, October 2007
<http://www.westernclimateinitiative.org/ewebeditpro/items/O104F13792.pdf>
- California Climate Change Center, University of California at Berkeley, *Managing Greenhouse Gas Emissions in California*, 2007
http://calclimate.berkeley.edu/managing_GHGs_in_CA.html
- U.S. Conference of Mayors, *Energy & Environment Best Practices*
<http://www.usmayors.org/climateprotection/AtlantaEESummitCDROMVersion.pdf>
- *U.S. Mayors Climate Protection Agreement Climate Action Handbook*, 2006
<http://www.seattle.gov/climate/docs/ClimateActionHandbook.pdf>
- Natural Capitalism Solutions *Climate Protection Manual for Cities*, June 2007
<http://www.climatemanual.org>

- National Governor's Association Center for Best Practices *Growing with Less Greenhouse Gases*, November 2002
<http://www.nga.org/cda/files/112002ghg.pdf>
- National Governor's Association Center for Best Practices *State and Regional Greenhouse Gas Initiatives*, October 2006
<http://www.nga.org/Files/pdf/0610GREENHOUSE.PDF>
- United States Climate Change Program *The Effects of Climate Change on Agriculture, Land Resources, Water Resources, and Biodiversity in the United States*, May 2008
http://www.usda.gov/oce/global_change/sap_2007_FinalReport.htm

Attachment 2

Technical Resources/Modeling Tools to Estimate GHG Emissions

TOOL	AVAILABILITY	SCOPE LOCAL/ REGIONAL	SCOPE TRANSPORTATION/ BUILDINGS	DATA INPUT REQUIREMENTS	DATA OUTPUT
URBEMIS	<ul style="list-style-type: none"> Download Public domain (free) 	<ul style="list-style-type: none"> Local project level 	<ul style="list-style-type: none"> Transportation Some building (area source) outputs Construction 	<ul style="list-style-type: none"> Land use information Construction, area source, and transportation assumptions 	<ul style="list-style-type: none"> CO₂ (pounds per day) Mitigation impacts
Clean Air and Climate Protection (CACP) Software	<ul style="list-style-type: none"> Download Available to public agencies (free) 	<ul style="list-style-type: none"> Local project level 	<ul style="list-style-type: none"> Buildings Communities Governments 	<ul style="list-style-type: none"> Energy usage Waste generation and disposal Transportation fuel usage or VMT 	<ul style="list-style-type: none"> CO₂e (tons per year)
Sustainable Communities Model (SCM)	<ul style="list-style-type: none"> Custom model 	<ul style="list-style-type: none"> Regional Scalable to site level 	<ul style="list-style-type: none"> Transportation Buildings Neighborhoods Master planned communities 	<ul style="list-style-type: none"> Location and site specific information Transportation assumptions On-site energy usage 	<ul style="list-style-type: none"> CO₂e (tons per year)
Internet-accessed Planning for Community Energy, Economic and Environmental Sustainability I-PLACE³S	<ul style="list-style-type: none"> Web-based Small access fee Full model now available in eight CA counties 	<ul style="list-style-type: none"> Regional Scalable to site level 	<ul style="list-style-type: none"> Transportation Housing Land Use Buildings Energy Economics 	<ul style="list-style-type: none"> Parcel level land use data (ability to work with less data) Project-level data for alternative comparisons 	<ul style="list-style-type: none"> CO₂ (any quantity over any time)
Climate Action Registry Reporting On-Line Tool (CARROT)	<ul style="list-style-type: none"> Web-based Available to Registry members General public can view entity reports 	<ul style="list-style-type: none"> Regional, scalable to entity and facility level 	<ul style="list-style-type: none"> General Reporting and Certification Protocols <ul style="list-style-type: none"> Transportation Buildings/facilities Specific protocols for some sectors 	<ul style="list-style-type: none"> Mobile source combustion (VMT or fuel usage) Stationary combustion (fuel usage) Indirect emissions (electricity usage) 	<ul style="list-style-type: none"> Each GHG and CO₂e (tons per year)
EMFAC	<ul style="list-style-type: none"> Download Public domain (free) 	<ul style="list-style-type: none"> Statewide Regional (air basin level) 	<ul style="list-style-type: none"> Transportation emission factors 	<ul style="list-style-type: none"> Travel activity data to calculate CO₂ from projects. 	<ul style="list-style-type: none"> CO₂ and methane (grams per mile) emission factors

VMT = Vehicle miles traveled

eCO₂ = Carbon dioxide equivalent emissions

Note: This is not meant to be a definitive list of modeling tools to estimate climate change emissions impacts. Other tools may be available.

Description of Modeling Tools

URBEMIS

The Urban Emissions Model is used extensively during the CEQA process by local air districts and consultants to determine the impacts of projects on criteria pollutants. It was recently updated to calculate CO₂ emissions as well. Future updates will include additional greenhouse gases. URBEMIS uses the ITE Trip Generation Rate Manual and the Air Resources Board's (ARB) motor vehicle emissions model (EMFAC) to calculate transportation-related CO₂ emissions and ARB's OFFROAD2007 model for CO₂ emissions from off-road equipment. Area source outputs include natural gas use, landscaping equipment, consumer products, architectural coatings, and fireplaces. It also estimates construction impacts and impacts of mitigation options. Web site: <http://www.urbemis.com>.

Clean Air and Climate Protection (CACP) Software

This tool is available to state and local governments and members of ICLEI, NACAA, NASEO and NARUC to determine greenhouse gas and criteria pollutant emissions from government operations and communities as a whole. The user must input aggregate information about energy (usage), waste (quantity and type generated, disposal method, and methane recovery rate) and transportation (VMT) for community analyses. CACP uses emission factors from EPA, DOE, and DOT to translate the energy, waste and transportation inputs into greenhouse gas (in carbon dioxide equivalents) and criteria air pollutant emissions. If associated energy, waste and transportation reduction are provided, the model can also calculate emission reductions and money saved from policy alternatives. Web site: <http://cacpsoftware.org>.

Sustainable Communities Model (SCM)

This model quantifies total CO₂e emissions allowing communities the ability to optimize planning decisions that result in the greatest environmental benefit for the least cost. Total CO₂e emissions are based on emissions from energy usage, water consumption and transportation. The model provides an interactive comparison of various scenarios to provide environmental performance, economic performance, and cost benefit analysis.

Web site: www.ctg-net.com/energetics/documents/doc_SCM_070731.pdf

I-PLACE³S

This model is an internet-accessed land use and transportation model designed specifically for regional and local governments to help understand how their growth and development decisions can contribute to improved sustainability. It estimates CO₂, criteria pollutant and energy impacts on a neighborhood or

regional level for existing, long-term baseline and alternative land use plans. The data input requirements are extensive and require a fiscal commitment from the Metropolitan Planning Organization and its member local governments. Once the data is available, the IPLACES tool can be developed for that region relatively quickly, in approximately one week. The benefits include a multifunctional tool that provides immediate outputs to compare alternatives during public meetings, multilevel password protected on-line access, as well as providing access for local development project CEQA analyses. This tool also supports regional travel models and integrated land use and transportation assessments. Web site: http://www.sacregionblueprint.org/sacregionblueprint/the_project/technology.cfm and <http://www.places.energy.ca.gov/places>

CARROT

The California Climate Action Registry offers the Climate Action Registry Reporting On-Line Tool (CARROT) for Registry members to calculate and report annual greenhouse gas (GHG) emissions. CARROT calculates direct and indirect GHG emissions for the following emission categories by source: stationary combustion, process emissions, mobile source combustion, fugitive emissions and electricity use by source. It calculates emissions using entity collected data such as fuel purchase records, VMT and utility bills. While reporting and certification through CARROT is only available to members, the public may access entity reports online. Reporting protocols are also available to the public, including the General Reporting Protocol (www.climateregistry.org/docs/PROTOCOLS/GRP%20V2-March2007_web.pdf) and cement, forestry and power/utility sector protocols. Additional sector protocols are under development. Website: www.climateregistry.org/CARROT/

EMFAC

The Air Resources Board's EMISSION FACTors (EMFAC) model is used to calculate emission rates from all motor vehicles in California. The emission factors are combined with data on vehicle activity (miles traveled and average speeds) to assess emission impacts. The URBEMIS model described above uses EMFAC to calculate the transportation emission impacts of local projects. Web site: <http://www.arb.ca.gov/msei/onroad/onroad.htm>

Attachment 3

Examples of GHG Reduction Measures

The following are examples of measures that have been employed by some public agencies to reduce greenhouse gas emissions, either as general development policies or on a project-by-project basis. These are provided for illustrative purposes only.

LAND USE AND TRANSPORTATION

- Implement land use strategies to encourage jobs/housing proximity, promote transit-oriented development, and encourage high density development along transit corridors. Encourage compact, mixed-use projects, forming urban villages designed to maximize affordable housing and encourage walking, bicycling and the use of public transit systems.
- Encourage infill, redevelopment, and higher density development, whether in incorporated or unincorporated settings
- Encourage new developments to integrate housing, civic and retail amenities (jobs, schools, parks, shopping opportunities) to help reduce VMT resulting from discretionary automobile trips.
- Apply advanced technology systems and management strategies to improve operational efficiency of transportation systems and movement of people, goods and services.
- Incorporate features into project design that would accommodate the supply of frequent, reliable and convenient public transit.
- Implement street improvements that are designed to relieve pressure on a region's most congested roadways and intersections.
- Limit idling time for commercial vehicles, including delivery and construction vehicles.

URBAN FORESTRY

- Plant trees and vegetation near structures to shade buildings and reduce energy requirements for heating/cooling.
- Preserve or replace onsite trees (that are removed due to development) as a means of providing carbon storage.

GREEN BUILDINGS

- Encourage public and private construction of LEED (Leadership in Energy and Environmental Design) certified (or equivalent) buildings.

ENERGY CONSERVATION POLICIES AND ACTIONS

- Recognize and promote energy saving measures beyond Title 24 requirements for residential and commercial projects
- Where feasible, include in new buildings facilities to support the use of low/zero carbon fueled vehicles, such as the charging of electric vehicles from green electricity sources.
- Educate the public, schools, other jurisdictions, professional associations, business and industry about reducing GHG emissions.
- Replace traffic lights, street lights, and other electrical uses to energy efficient bulbs and appliances.
- Purchase Energy Star equipment and appliances for public agency use.
- Incorporate on-site renewable energy production, including installation of photovoltaic cells or other solar options.
- Execute an Energy Savings Performance Contract with a private entity to retrofit public buildings. This type of contract allows the private entity to fund all energy improvements in exchange for a share of the energy savings over a period of time.
- Design, build, and operate schools that meet the Collaborative for High Performance Schools (CHPS) best practices.
- Retrofit municipal water and wastewater systems with energy efficient motors, pumps and other equipment, and recover wastewater treatment methane for energy production.
- Convert landfill gas into energy sources for use in fueling vehicles, operating equipment, and heating buildings.
- Purchase government vehicles and buses that use alternative fuels or technology, such as electric hybrids, biodiesel, and ethanol. Where feasible, require fleet vehicles to be low emission vehicles. Promote the use of these vehicles in the general community.
- Offer government incentives to private businesses for developing buildings with energy and water efficient features and recycled materials. The incentives can include expedited plan checks and reduced permit fees.
- Offer rebates and low-interest loans to residents that make energy-saving improvements on their homes.

- Create bicycle lanes and walking paths directed to the location of schools, parks and other destination points.

PROGRAMS TO REDUCE VEHICLE MILES TRAVELED

- Offer government employees financial incentives to carpool, use public transportation, or use other modes of travel for daily commutes.
- Encourage large businesses to develop commute trip reduction plans that encourage employees who commute alone to consider alternative transportation modes.
- Develop shuttle systems around business district parking garages to reduce congestion and create shorter commutes.
- Create an online ridesharing program that matches potential carpoolers immediately through email.
- Develop a Safe Routes to School program that allows and promotes bicycling and walking to school.

PROGRAMS TO REDUCE SOLID WASTE

- Create incentives to increase recycling and reduce generation of solid waste by residential users.
- Implement a Construction and Demolition Waste Recycling Ordinance to reduce the solid waste created by new development.
- Add residential/commercial food waste collection to existing greenwaste collection programs.

Noise Calculations

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Construction Noise

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UNMITIGATED CONSTRUCTION NOISE

Reference Noise Distance	50					
Reference Noise Level	89					
Sensitive Receptor	Distance (feet)	Attenuation Factors	Maximum Construction Noise Level (dBA)	Existing Ambient (dBA, Leq)	New Ambient (dBA, Leq)	Increase
Division 22						
Residential - South	150	5	74.5	58.7	74.6	15.9
Residential - North	800	15	49.9	66.0	66.1	0.1
Residential - Southwest	1,000	10	53.0	66.0	66.2	0.2
Site #14						
Residential - North	280	5	69.0	65.2	70.5	5.3
Residential - East	350	0	72.1	68.8	73.8	5.0
Residential - West	375	0	71.5	57.9	71.7	13.8
Bright Star	600	5	62.4	55.0	63.1	8.1
Animo School	750	0	65.5	68.8	70.5	1.7
Residential - South	850	10	54.4	57.9	59.5	1.6
Site #15						
Animo School	250	0	75.0	68.8	76.0	7.2
Residential - Southeast	450	0	69.9	68.8	72.4	3.6
Residential - West	750	5	60.5	65.2	66.5	1.3
Residential - Northwest	1,000	5	58.0	64.8	65.6	0.8
Site #15						
Lawndale High School	1,000	10	53.0	66.1	66.3	0.2
Residential - East	1,200	10	51.4	66.0	66.1	0.1
Residential - South	1,400	10	50.1	66.3	66.4	0.1

MITIGATED CONSTRUCTION NOISE

Reference Noise Distance	50					
Reference Noise Level	89					
Sensitive Receptor	Distance (feet)	Attenuation Factors	Maximum Construction Noise Level (dBA)	Existing Ambient (dBA, Leq)	New Ambient (dBA, Leq)	Increase
Division 22						
Residential - South	150	5	74.5	58.7	74.6	15.9
Residential - North	800	15	49.9	66.0	66.1	0.1
Residential - Southwest	1,000	10	53.0	66.0	66.2	0.2
Site #14						
Residential - North	280	5	69.0	65.2	70.5	5.3
Residential - East	350	0	72.1	68.8	73.8	5.0
Residential - West	375	0	71.5	57.9	71.7	13.8
Bright Star	600	5	62.4	55.0	63.1	8.1
Animo School	750	0	65.5	68.8	70.5	1.7
Residential - South	850	10	54.4	57.9	59.5	1.6
Site #15						
Animo School	250	0	75.0	68.8	76.0	7.2
Residential - Southeast	450	0	69.9	68.8	72.4	3.6
Residential - West	750	5	60.5	65.2	66.5	1.3
Residential - Northwest	1,000	5	58.0	64.8	65.6	0.8
Site #15						
Lawndale High School	1,000	10	53.0	66.1	66.3	0.2
Residential - East	1,200	10	51.4	66.0	66.1	0.1
Residential - South	1,400	10	50.1	66.3	66.4	0.1

Operational Noise

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Project:	Division 22 Expansion
-----------------	------------------------------

Receiver Parameters	
Receiver:	250
Land Use Category:	2. Residential
Existing Noise (Measured or Generic Value):	61 dBA

Noise Source Parameters	
Number of Noise Sources:	1

Noise Source Parameters		Source 1
	Source Type:	Stationary Source
	Specific Source:	Rail Yard & Shops
Daytime hrs	Avg. Number of Trains/hr	0.3
		0 40
Nighttime hrs	Avg. Number of Trains/hr	0
		0 40
Distance	Distance from Source to Receiver (ft)	250
	Number of Intervening Rows of Buildings	0
Adjustments	Noise Barrier?	Yes

Project Results Summary

Existing Ldn:	61 dBA
Total Project Ldn:	40 dBA
Total Noise Exposure:	61 dBA
Increase:	0 dB
Impact?:	None

Distance to Impact Contours

Dist to Mod. Impact Contour (Source 1):	45 ft
Dist to Sev. Impact Contour (Source 1):	27 ft

Source 1 Results

Leq(day):	41.7 dBA
Leq(night):	0.0 dBA
Ldn:	39.6 dBA

Project:	Division 22 Expansion
-----------------	------------------------------

Receiver Parameters	
Receiver:	1500
Land Use Category:	2. Residential
Existing Noise (Measured or Generic Value):	61 dBA

Noise Source Parameters	
Number of Noise Sources:	1

Noise Source Parameters		Source 1
	Source Type:	Stationary Source
	Specific Source:	Rail Yard & Shops
Daytime hrs	Avg. Number of Trains/hr	0.3
		0 40
Nighttime hrs	Avg. Number of Trains/hr	0
		0 40
Distance	Distance from Source to Receiver (ft)	1500
	Number of Intervening Rows of Buildings	1
Adjustments	Noise Barrier?	Yes

Project Results Summary

Existing Ldn:	61 dBA
Total Project Ldn:	16 dBA
Total Noise Exposure:	61 dBA
Increase:	0 dB
Impact?:	None

Distance to Impact Contours

Dist to Mod. Impact Contour (Source 1):	45 ft
Dist to Sev. Impact Contour (Source 1):	27 ft

Source 1 Results

Leq(day):	17.7 dBA
Leq(night):	0.0 dBA
Ldn:	16.1 dBA

Project:	Division 22 Expansion
-----------------	------------------------------

Receiver Parameters	
Receiver:	1000
Land Use Category:	2. Residential
Existing Noise (Measured or Generic Value):	61 dBA

Noise Source Parameters	
Number of Noise Sources:	1

Noise Source Parameters		Source 1
	Source Type:	Stationary Source
	Specific Source:	Rail Yard & Shops
Daytime hrs	Avg. Number of Trains/hr	0.3
		0 40
Nighttime hrs	Avg. Number of Trains/hr	0
		0 40
Distance	Distance from Source to Receiver (ft)	1000
	Number of Intervening Rows of Buildings	1
Adjustments	Noise Barrier?	Yes

Project Results Summary

Existing Ldn:	61 dBA
Total Project Ldn:	20 dBA
Total Noise Exposure:	61 dBA
Increase:	0 dB
Impact?:	None

Distance to Impact Contours

Dist to Mod. Impact Contour (Source 1):	45 ft
Dist to Sev. Impact Contour (Source 1):	27 ft

Source 1 Results

Leq(day):	22.1 dBA
Leq(night):	0.0 dBA
Ldn:	20.3 dBA

Project:	Site #14
-----------------	-----------------

Receiver Parameters	
Receiver:	550
Land Use Category:	2. Residential
Existing Noise (Measured or Generic Value):	70 dBA

Noise Source Parameters	
Number of Noise Sources:	1

Noise Source Parameters		Source 1
	Source Type:	Stationary Source
	Specific Source:	Rail Yard & Shops
Daytime hrs	Avg. Number of Trains/hr	0.3
		0 40
Nighttime hrs	Avg. Number of Trains/hr	0
		0 40
Distance	Distance from Source to Receiver (ft)	550
	Number of Intervening Rows of Buildings	0
Adjustments	Noise Barrier?	No

Project Results Summary

Existing Ldn:	70 dBA
Total Project Ldn:	36 dBA
Total Noise Exposure:	70 dBA
Increase:	0 dB
Impact?:	None

Distance to Impact Contours

Dist to Mod. Impact Contour (Source 1):	41 ft
Dist to Sev. Impact Contour (Source 1):	25 ft

Source 1 Results

Leq(day):	38.1 dBA
Leq(night):	0.0 dBA
Ldn:	36.1 dBA

Project:	Site #14
-----------------	-----------------

Receiver Parameters	
Receiver:	900
Land Use Category:	2. Residential
Existing Noise (Measured or Generic Value):	65 dBA

Noise Source Parameters	
Number of Noise Sources:	1

Noise Source Parameters		Source 1
	Source Type:	Stationary Source
	Specific Source:	Rail Yard & Shops
Daytime hrs	Avg. Number of Trains/hr	0.3
		0 40
Nighttime hrs	Avg. Number of Trains/hr	0
		0 40
Distance	Distance from Source to Receiver (ft)	900
	Number of Intervening Rows of Buildings	0
Adjustments	Noise Barrier?	No

Project Results Summary

Existing Ldn:	65 dBA
Total Project Ldn:	31 dBA
Total Noise Exposure:	65 dBA
Increase:	0 dB
Impact?:	None

Distance to Impact Contours

Dist to Mod. Impact Contour (Source 1):	56 ft
Dist to Sev. Impact Contour (Source 1):	34 ft

Source 1 Results

Leq(day):	32.8 dBA
Leq(night):	0.0 dBA
Ldn:	30.8 dBA

Project:	Site #14
-----------------	-----------------

Receiver Parameters	
Receiver:	1600
Land Use Category:	2. Residential
Existing Noise (Measured or Generic Value):	60 dBA

Noise Source Parameters	
Number of Noise Sources:	1

Noise Source Parameters		Source 1
	Source Type:	Stationary Source
	Specific Source:	Rail Yard & Shops
Daytime hrs	Avg. Number of Trains/hr	0.3
		0 40
Nighttime hrs	Avg. Number of Trains/hr	0
		0 40
Distance	Distance from Source to Receiver (ft)	1600
	Number of Intervening Rows of Buildings	0
Adjustments	Noise Barrier?	No

Project Results Summary

Existing Ldn:	60 dBA
Total Project Ldn:	25 dBA
Total Noise Exposure:	60 dBA
Increase:	0 dB
Impact?:	None

Distance to Impact Contours

Dist to Mod. Impact Contour (Source 1):	75 ft
Dist to Sev. Impact Contour (Source 1):	44 ft

Source 1 Results

Leq(day):	26.5 dBA
Leq(night):	0.0 dBA
Ldn:	24.6 dBA

Project:	Site #14
-----------------	-----------------

Receiver Parameters	
Receiver:	1800
Land Use Category:	3. Institutional
Existing Noise (Measured or Generic Value):	69 dBA

Noise Source Parameters	
Number of Noise Sources:	1

Noise Source Parameters		Source 1
	Source Type:	Stationary Source
	Specific Source:	Rail Yard & Shops
Noisiest hr of Activity During Sensitive hrs	Number of Trains/hr	0.2
		40
Distance	Distance from Source to Receiver (ft)	1800
	Number of Intervening Rows of Buildings	0
Adjustments	Noise Barrier?	No

Project Results Summary

Existing Leqh:	69 dBA
Total Project Leqh:	23 dBA
Total Noise Exposure:	69 dBA
Increase:	0 dB
Impact?:	None

Distance to Impact Contours

Dist to Mod. Impact Contour (Source 1):	28 ft
Dist to Sev. Impact Contour (Source 1):	18 ft

Source 1 Results

Leqh:	23.5 dBA
--------------	----------

Project:	Site #14
-----------------	-----------------

Receiver Parameters	
Receiver:	2000
Land Use Category:	3. Institutional
Existing Noise (Measured or Generic Value):	55 dBA

Noise Source Parameters	
Number of Noise Sources:	1

Noise Source Parameters		Source 1
	Source Type:	Stationary Source
	Specific Source:	Rail Yard & Shops
Noisiest hr of Activity During Sensitive hrs	Number of Trains/hr	0.2
		40
Distance	Distance from Source to Receiver (ft)	2000
	Number of Intervening Rows of Buildings	0
Adjustments	Noise Barrier?	No

Project Results Summary

Existing Leqh:	55 dBA
Total Project Leqh:	22 dBA
Total Noise Exposure:	55 dBA
Increase:	0 dB
Impact?:	None

Distance to Impact Contours

Dist to Mod. Impact Contour (Source 1):	61 ft
Dist to Sev. Impact Contour (Source 1):	35 ft

Source 1 Results

Leqh:	22.3 dBA
--------------	----------

Project:	Site #15
-----------------	-----------------

Receiver Parameters	
Receiver:	1000
Land Use Category:	2. Residential
Existing Noise (Measured or Generic Value):	60 dBA

Noise Source Parameters	
Number of Noise Sources:	1

Noise Source Parameters		Source 1
	Source Type:	Stationary Source
	Specific Source:	Rail Yard & Shops
Daytime hrs	Avg. Number of Trains/hr	0.3
		0 40
Nighttime hrs	Avg. Number of Trains/hr	0
		0 40
Distance	Distance from Source to Receiver (ft)	1000
	Number of Intervening Rows of Buildings	1
Adjustments	Noise Barrier?	No

Project Results Summary

Existing Ldn:	60 dBA
Total Project Ldn:	25 dBA
Total Noise Exposure:	60 dBA
Increase:	0 dB
Impact?:	None

Distance to Impact Contours

Dist to Mod. Impact Contour (Source 1):	75 ft
Dist to Sev. Impact Contour (Source 1):	44 ft

Source 1 Results

Leq(day):	27.1 dBA
Leq(night):	0.0 dBA
Ldn:	25.1 dBA

Project:	Site #15
-----------------	-----------------

Receiver Parameters	
Receiver:	1100
Land Use Category:	3. Institutional
Existing Noise (Measured or Generic Value):	69 dBA

Noise Source Parameters	
Number of Noise Sources:	1

Noise Source Parameters		Source 1
	Source Type:	Stationary Source
	Specific Source:	Rail Yard & Shops
Noisiest hr of Activity During Sensitive hrs	Number of Trains/hr	0.2
		40
Distance	Distance from Source to Receiver (ft)	1100
	Number of Intervening Rows of Buildings	0
Adjustments	Noise Barrier?	No

Project Results Summary

Existing Leqh:	69 dBA
Total Project Leqh:	29 dBA
Total Noise Exposure:	69 dBA
Increase:	0 dB
Impact?:	None

Distance to Impact Contours

Dist to Mod. Impact Contour (Source 1):	30 ft
Dist to Sev. Impact Contour (Source 1):	19 ft

Source 1 Results

Leqh:	28.8 dBA
--------------	----------

Project:	Site #15
-----------------	-----------------

Receiver Parameters	
Receiver:	1600
Land Use Category:	2. Residential
Existing Noise (Measured or Generic Value):	65 dBA

Noise Source Parameters	
Number of Noise Sources:	1

Noise Source Parameters		Source 1
	Source Type:	Stationary Source
	Specific Source:	Rail Yard & Shops
Daytime hrs	Avg. Number of Trains/hr	0.3
		0 40
Nighttime hrs	Avg. Number of Trains/hr	0
		0 40
Distance	Distance from Source to Receiver (ft)	1600
	Number of Intervening Rows of Buildings	0
Adjustments	Noise Barrier?	No

Project Results Summary

Existing Ldn:	65 dBA
Total Project Ldn:	25 dBA
Total Noise Exposure:	65 dBA
Increase:	0 dB
Impact?:	None

Distance to Impact Contours

Dist to Mod. Impact Contour (Source 1):	56 ft
Dist to Sev. Impact Contour (Source 1):	34 ft

Source 1 Results

Leq(day):	26.5 dBA
Leq(night):	0.0 dBA
Ldn:	24.6 dBA

Project:	Site #15
-----------------	-----------------

Receiver Parameters	
Receiver:	1,700
Land Use Category:	2. Residential
Existing Noise (Measured or Generic Value):	60 dBA

Noise Source Parameters	
Number of Noise Sources:	1

Noise Source Parameters		Source 1
	Source Type:	Stationary Source
	Specific Source:	Rail Yard & Shops
Daytime hrs	Avg. Number of Trains/hr	0.3
		0 40
Nighttime hrs	Avg. Number of Trains/hr	0
		0 40
Distance	Distance from Source to Receiver (ft)	1,700
	Number of Intervening Rows of Buildings	1
Adjustments	Noise Barrier?	No

Project Results Summary

Existing Ldn:	60 dBA
Total Project Ldn:	20 dBA
Total Noise Exposure:	60 dBA
Increase:	0 dB
Impact?:	None

Distance to Impact Contours

Dist to Mod. Impact Contour (Source 1):	75 ft
Dist to Sev. Impact Contour (Source 1):	44 ft

Source 1 Results

Leq(day):	21.4 dBA
Leq(night):	0.0 dBA
Ldn:	19.5 dBA

Project:	Site #17
-----------------	-----------------

Receiver Parameters	
Receiver:	1300
Land Use Category:	3. Institutional
Existing Noise (Measured or Generic Value):	66 dBA

Noise Source Parameters	
Number of Noise Sources:	1

Noise Source Parameters		Source 1
	Source Type:	Stationary Source
	Specific Source:	Rail Yard & Shops
Noisiest hr of Activity During Sensitive hrs	Number of Trains/hr	0.2
		40
Distance	Distance from Source to Receiver (ft)	1300
	Number of Intervening Rows of Buildings	1
Adjustments	Noise Barrier?	Yes

Project Results Summary

Existing Leq:	66 dBA
Total Project Leq:	18 dBA
Total Noise Exposure:	66 dBA
Increase:	0 dB
Impact?:	None

Distance to Impact Contours

Dist to Mod. Impact Contour (Source 1):	22 ft
Dist to Sev. Impact Contour (Source 1):	13 ft

Source 1 Results

Leq:	17.5 dBA
-------------	----------

Project:	Site #17
-----------------	-----------------

Receiver Parameters	
Receiver:	1600
Land Use Category:	2. Residential
Existing Noise (Measured or Generic Value):	61 dBA

Noise Source Parameters	
Number of Noise Sources:	1

Noise Source Parameters		Source 1
	Source Type:	Stationary Source
	Specific Source:	Rail Yard & Shops
Daytime hrs	Avg. Number of Trains/hr	0.3
		0 40
Nighttime hrs	Avg. Number of Trains/hr	0
		0 40
Distance	Distance from Source to Receiver (ft)	1600
	Number of Intervening Rows of Buildings	1
Adjustments	Noise Barrier?	Yes

Project Results Summary

Existing Ldn:	61 dBA
Total Project Ldn:	15 dBA
Total Noise Exposure:	61 dBA
Increase:	0 dB
Impact?:	None

Distance to Impact Contours

Dist to Mod. Impact Contour (Source 1):	45 ft
Dist to Sev. Impact Contour (Source 1):	27 ft

Source 1 Results

Leq(day):	17.0 dBA
Leq(night):	0.0 dBA
Ldn:	15.5 dBA

Project:	Site #17
-----------------	-----------------

Receiver Parameters	
Receiver:	2100
Land Use Category:	2. Residential
Existing Noise (Measured or Generic Value):	61 dBA

Noise Source Parameters	
Number of Noise Sources:	1

Noise Source Parameters		Source 1
	Source Type:	Stationary Source
	Specific Source:	Rail Yard & Shops
Daytime hrs	Avg. Number of Trains/hr	0.3
		0 40
Nighttime hrs	Avg. Number of Trains/hr	0
		0 40
Distance	Distance from Source to Receiver (ft)	2100
	Number of Intervening Rows of Buildings	1
Adjustments	Noise Barrier?	Yes

Project Results Summary

Existing Ldn:	61 dBA
Total Project Ldn:	13 dBA
Total Noise Exposure:	61 dBA
Increase:	0 dB
Impact?:	None

Distance to Impact Contours

Dist to Mod. Impact Contour (Source 1):	45 ft
Dist to Sev. Impact Contour (Source 1):	27 ft

Source 1 Results

Leq(day):	14.1 dBA
Leq(night):	0.0 dBA
Ldn:	13.0 dBA

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**APPENDIX D
REGULATORY FRAMEWORK
AND CEQA THRESHOLDS**

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CRENSHAW/LAX TRANSIT CORRIDOR PROJECT

Project No. PS-4330-1968



Appendix D Regulatory Framework and CEQA Thresholds



Prepared for:



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Table of Contents

- 1.0 TRANSPORTATION..... 1-1**
- 2.0 LAND USE AND DEVELOPMENT 2-1**
 - 2.1 Regulatory Framework..... 2-1
 - 2.1.1 Regional 2-1
 - 2.2 CEQA Thresholds..... 2-3
- 3.0 DISPLACEMENT AND RELOCATION OF EXISTING USES..... 3-1**
 - 3.1 Regulatory Framework..... 3-1
 - 3.1.1 Federal..... 3-1
 - 3.1.2 State..... 3-1
 - 3.2 CEQA Thresholds..... 3-2
- 4.0 COMMUNITY AND NEIGHBORHOOD IMPACTS 4-1**
 - 4.1 Regulatory Framework..... 4-1
 - 4.1.1 Federal..... 4-1
 - 4.1.2 State..... 4-1
 - 4.1.3 Local..... 4-1
 - 4.2 CEQA Thresholds..... 4-1
- 5.0 VISUAL QUALITY..... 5-1**
 - 5.1 Regulatory Framework..... 5-1
 - 5.1.1 Federal..... 5-1
 - 5.1.2 State and Regional 5-1
 - 5.1.3 Local..... 5-1
 - 5.2 CEQA Thresholds..... 5-1
- 6.0 AIR QUALITY..... 6-1**
 - 6.1 Pollutants and Effects..... 6-1
 - 6.1.1 National and State Ambient Air Quality Standards and
Attainment Status..... 6-1
 - 6.1.2 Methodology 6-3
 - 6.2 CEQA Thresholds..... 6-3
- 7.0 NOISE AND VIBRATION..... 7-1**
 - 7.1 Regulatory Framework..... 7-1
 - 7.2 CEQA Thresholds..... 7-4
- 8.0 ECOSYSTEMS/BIOLOGICAL RESOURCES..... 8-1**
 - 8.1 Regulatory Framework..... 8-1
 - 8.1.1 Federal..... 8-1
 - 8.1.2 State..... 8-1
 - 8.1.3 Local..... 8-2
 - 8.2 CEQA Thresholds..... 8-2

9.0	GEOTECHNICAL/SUBSURFACE/SEISMIC/HAZARDOUS MATERIALS	9-1
9.1	Regulatory Framework.....	9-1
9.1.1	State.....	9-1
9.2	CEQA Thresholds.....	9-2
10.0	WATER RESOURCES	10-1
10.1	Regulatory Framework.....	10-1
10.1.1	Federal.....	10-1
10.1.2	State and Regional.....	10-1
10.1.3	Local.....	10-1
10.2	CEQA Thresholds.....	10-2
11.0	ENERGY	11-1
11.1	Regulatory Framework.....	11-1
12.0	HISTORIC, ARCHAEOLOGICAL, AND PALEONTOLOGICAL RESOURCES	12-1
12.1	Regulatory Framework.....	12-1
12.1.1	Federal.....	12-1
12.1.2	State.....	12-2
12.2	Compliance Methodology.....	12-2
12.2.1	Federal.....	12-2
12.2.2	Native American Consultation.....	12-3
13.0	PARKLANDS AND COMMUNITY FACILITIES	13-1
13.1	Regulatory Framework.....	13-1
13.1.1	Federal.....	13-1
13.1.2	Local.....	13-1
13.2	CEQA Thresholds.....	13-3
14.0	ECONOMIC AND FISCAL IMPACTS	14-1
14.1	Regulatory Framework.....	14-1
14.1.1	Federal.....	14-1
14.1.2	State.....	14-1
15.0	SAFETY AND SECURITY	15-1
15.1	Regulatory Framework.....	15-1
15.2	CEQA Thresholds.....	15-1
16.0	CONSTRUCTION IMPACTS	16-1
16.1	Regulatory Framework.....	16-1
16.1.1	Air Quality.....	16-1
16.1.2	Noise and Vibration.....	16-2
16.2	CEQA Thresholds.....	16-3
16.2.1	Air Quality.....	16-3
16.2.2	Noise and Vibration.....	16-4
17.0	GROWTH-INDUCING IMPACTS	17-1
17.1	Regulatory Framework.....	17-1



18.0 CUMULATIVE IMPACTS 18-1
18.1 Regulatory Setting 18-2

19.0 ENVIRONMENTAL JUSTICE..... 19-1
19.1 Regulatory Framework..... 19-1
19.1.1 Federal..... 19-1
19.1.2 State 19-2
19.1.3 Local..... 19-2

20.0 ADDITIONAL FEDERAL REQUIREMENTS AND NEPA CONSIDERATIONS 20-1
20.1 Regulatory Setting 20-1

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1.0 TRANSPORTATION

The traffic analysis for the Crenshaw/LAX Transit Corridor Project is found in the Traffic Technical Memorandum prepared by Fehr & Peers after Section 20 of this Environmental Technical Report.

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2.0 LAND USE AND DEVELOPMENT

2.1 Regulatory Framework

Land use regulations are articulated in both regional and local plans. The Southern California Association of Governments (SCAG) defines regional planning principles while local municipalities define land uses for specific areas of the Crenshaw/LAX Corridor.

2.1.1 Regional

SCAG Regional Transportation Plan (RTP) and Regional Comprehensive Plan (RCP). SCAG serves as the metropolitan planning organization (MPO) for the region. The RTP, adopted May 8, 2008, and RCP are tools used for identifying the transportation priorities of the Southern California region. (The 2008 RCP was never formally adopted for the region, but nonetheless provides a useful tool for land use planning.) The policies and goals of the RTP and RCP focus on the need to coordinate land use and transportation decisions to manage travel demand within the region.

City of Los Angeles General Plan, Citywide General Plan Framework. The Citywide General Plan Framework (Framework), an element of the City of Los Angeles General Plan adopted in December 1996, is intended to guide the City's long-range growth and development through the year 2010. The Framework establishes citywide planning policies regarding land use, housing development, transportation, and provision of infrastructure and public services. The Framework's transportation policies seek to develop maintenance facilities that maximize transit service in activity centers. Three broad themes run throughout the Framework: sustained mobility with greater accessibility, economic opportunity, and environmental quality.

City of Los Angeles General Plan, Land Use Element. For land use planning purposes, the City of Los Angeles is divided into 35 community planning areas. Each of the community plans discuss goals, objectives, and policies for developing a public transit system that improves mobility with convenient alternatives to automobile travel, fostering transportation demand strategies, developing non-motorized transportation options, and coordinating activities with other jurisdictions. The maintenance site alternatives are located within portions of the LAX and Westchester-Playa Del Rey community plan areas. These community plan areas contain land use and transportation policies that are transit supportive.

LAX Master Plan, LAX Plan. The *LAX Master Plan*, approved in 2004, modernizes the runway and taxiway system, redevelops the terminal area, improves access to the airport, and enhances passenger safety, security, and convenience. The plan is designed to balance the public's desire for no expansion and fewer impacts to surrounding neighborhoods with the airport's need to modernize and focus more on ground access, safety, and security. Two measures contained in the *LAX Master Plan* to improve ground transportation include a proposed people mover and a consolidated rental car facility. The Consolidated Rental Car Facility would consolidate all on-airport rental car operations for LAX for convenience of passengers and efficiencies of rental car companies. While its location has yet to be finalized, it would be connected to the



Central Terminal by a people mover, an automated transit system that would connect outside transit connections to the Central Terminal. The *LAX Plan*, adopted in 2004, establishes a land use policy framework that is the implementation mechanism for the *LAX Master Plan*. The *LAX Plan* promotes the orderly and flexible modernization of LAX.

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City of Inglewood General Plan. The *City of Inglewood General Plan* contains similar goals, objectives, and policies, with regard to transit development, as those described above for the City of Los Angeles. The City of Inglewood is divided into four planning areas, and one of the maintenance site alternatives, the Site #15 – Manchester/Aviation Alternative, is located in the West Inglewood planning area. Currently, the City of Inglewood is in the process of updating its General Plan, which will further define the City's transit-oriented policies. This process is anticipated to be completed by the end of 2012.

City of Hawthorne General Plan. The *City of Hawthorne General Plan* was adopted in 1989 and contains land use and circulation elements that contain policies relevant to the maintenance site alternatives. The *Land Use Element* of the *City of Hawthorne General Plan* identifies freeway related commercial/mixed-use potential and commercial corridor revitalization as the major issues to address. The *Circulation Element* of the *City of Hawthorne General Plan* identifies traffic circulation, alternative transportation modes, and parking as the fundamental issues of concern. The policies encourage expansion of the Metro light rail transit (LRT) system.

City of Redondo Beach General Plan. The *City of Redondo Beach General Plan Land Use Element*, adopted in 1992 contains policies relevant to the maintenance site alternatives. The *Land Use Element* establishes goals, objectives, and policies to accommodate the expansion of public infrastructure required to maintain City services and accommodate future development.

City of Inglewood, La Cienega Redevelopment Area. This redevelopment area was established in August, 1971 to address issues related to land use incompatibilities



between small residential neighborhoods and emerging industrial freight forwarding facilities. As the Los Angeles World Airports (LAWA) operations continued to expand, excessive noise associated with airport operations intensified the land use incompatibility conditions by further impacting remaining residential pockets. Policies are directed towards converting the remaining residential pockets to more compatible industrial uses.

2.2 CEQA Thresholds

According to California Environmental Quality Act (CEQA), land use impacts would be considered significant if the maintenance site alternatives have the potential to result in:

- I. Physical division of an established community;
- II. Inconsistency with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project; or,
- III. Incompatibility with adjacent and surrounding land uses caused by degradation or disturbances that diminish the quality of a particular land use.

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3.0 DISPLACEMENT AND RELOCATION OF EXISTING USES

3.1 Regulatory Framework

Discussed below are the applicable federal, State, and local regulations that govern the property acquisition and relocation process for transportation projects.

3.1.1 Federal

The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 as amended (Uniform Act). The Uniform Act, mandates that certain relocation services and payments be made available to eligible residents, businesses, and non-profit organizations displaced as a direct result of projects undertaken by a federal agency or with federal financial assistance. The Uniform Act provides for uniform and equitable treatment for persons displaced from their homes and businesses and establishes uniform and equitable land acquisition policies.

Where acquisition and relocation are unavoidable, owners of private property have federal constitutional guarantees that their property would not be taken or damaged for public use unless they first receive just compensation. Just compensation is measured by the “fair market value” (FMV) of the property taken, where “fair market value” is considered to be the:

“highest price on the date of valuation that would be agreed to by a seller, being willing to sell, but under no particular or urgent necessity for so doing, nor obliged to sell; and a buyer, being ready, willing and able to buy, but under no particular necessity for so doing, each dealing with the other with the full knowledge of all the uses and purposes for which the property is reasonably adaptable and available.” (Code of Civil Procedure Section 1263.320a)

FMV of a property is determined by an outside independent appraiser's opinion of the value of a property that is just and equitable on the open market and confirmed by the acquiring agency's review appraisal.

3.1.2 State

California Relocation Act (California Act). The provisions of the California Act apply if a public entity undertakes a project for which federal funds are not present. In this case, the public entity must provide relocation assistance and benefits. The California Act, which is consistent with the intent and guidelines of the Uniform Act, seeks to:

- (1) Ensure the consistent and fair treatment of owners and occupants of real property,
- (2) Encourage and expedite acquisition by agreement to avoid litigation and relieve congestion in the courts, and
- (3) Promote confidence in the public land acquisitions.

As stated above under federal regulations, owners of private property have similar state constitutional guarantees regarding property takes, damages, and just compensation.

3.2 CEQA Thresholds

According to CEQA, displacement and relocation impacts would be considered significant if the maintenance site alternatives would:

- Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere; and/or
- Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere.



4.0 COMMUNITY AND NEIGHBORHOOD IMPACTS

4.1 Regulatory Framework

4.1.1 Federal

There are a variety of social, economic and environmental factors that encompass the concept of community and neighborhood. Federal regulations have been developed to address and evaluate changes to many of the elements that when combined together constitute affects on a community. The Federal- Aid Highway Act of 1970 specifies that decisions made regarding federally funded projects be in the best overall public interest. Similarly, the National Environmental Quality Act (NEPA) of 1969 specifically requires the consideration of social and economic effects of federal actions as well as other physical changes to the environment that affect population groups. The Safe, Accountable, Flexible, Efficient Transportation Act (SAFETEA-LU) enacted in 2005 and amended in 2008 requires among other factors consideration of projects that improve safety, and reduce traffic congestion in communities.

4.1.2 State

At the State level, CEQA also requires a comprehensive review of a wide range of factors that may influence the quality of the physical environment. CEQA specifically indicates that the focus of environmental review is on changes to the physical environment, but social and economic factors can be considered at the discretion of the lead agency. Under CEQA the environmental analysis may trace the chain of cause and effect from a proposed decision on a project through anticipated economic or social changes resulting from possible physical changes to the environment.

4.1.3 Local

At the city level, the explicit purpose of general plans and community plans is to establish the organization of land uses to protect the health, safety and general welfare of communities as well as actualize the public's vision for the direction of growth and development of the community. As discussed in the Land Use portion of this report, the City of Los Angeles Westchester-Playa Del Rey Community Plan, the City of Inglewood General Plan, the City of Hawthorne General Plan, and the City of Redondo Beach General Plan provide this guidance.

4.2 CEQA Thresholds

According to CEQA, community and neighborhood impacts would be considered significant if the maintenance site alternatives have the potential to result in:

- Physical division of an established community (Also Land Use and Development)

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5.0 VISUAL QUALITY

5.1 Regulatory Framework

5.1.1 Federal

There are several federal regulations that govern the assessment and consideration of visual quality and aesthetic character. These regulations consider the protection and enhancement of existing resources and aesthetic character, as well as the incorporation of design considerations in the development and construction of projects. The following federal regulatory policies apply to the evaluation of visual effects for the maintenance site alternatives.

- NEPA (42 *United States Code* (USC) Section 4231)
- Federal Highway Administration (FHWA) and Federal Transit Administration (FTA), *Environmental Impact and Related Procedures (23 Code of Federal Regulations* [CFR] 771)
- FTA Circular 9400.1A, Design and Art in Transit Projects
- The SAFETEA-LU, Sections 6002-6009
- The USDOT Act, Section 4(f), (49 USC 303)
- Section 106 of the Historic Preservation Act of 1966

5.1.2 State and Regional

CEQA requires an evaluation of scenic resources in the consideration of effects to the quality of the environment. The evaluation considers site-specific history, context, and area sensitivity.

5.1.3 Local

Policies contained in local jurisdictional planning documents that apply to the visual effects of a mass transit system are included in Table 5-1. These planning documents focus primarily on the maintenance of visual diversity, definition of urban form and character, protection and management of scenic, historic, and cultural resources, enhancement of existing visual character and quality, and control over development. Table 5-1 provides a general summary of the applicable policy documents, including a general focus of the guidelines and policies specific to each.

5.2 CEQA Thresholds

According to CEQA, the maintenance site alternatives would result in a significant impact to visual resources if it would:

- Adversely affect a scenic resource;
- Substantially damage a scenic resource, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway;

Table 5-1. Local Policy Documents

Document	General Policies
City of Los Angeles	
General Plan	Historic Preservation Overlay Zones (HPOZ) Scenic Resource Preservation Scenic Highways Designation Street Tree Preservation
General Plan Framework Element	Strategy for maintaining visual diversity and defining urban form and community character
Hawthorne	
General Plan	Policies to preserve visual character and visual compatibility between land uses
Inglewood	
General Plan	Design guidelines and standards for development
Redondo Beach	
General Plan	Design guidelines and standards for development

Source: TAHA, 2010.

- Substantially degrade the existing visual character or quality of the site and its surroundings; and/or
- Create a new source of light or glare which would adversely affect day or nighttime views in the area.



6.0 AIR QUALITY

This section examines the affected environment related to air quality. The analysis was based on a combination of federal and local guidance. The toxic air contaminant assessment was based on the 2006 Federal Highway Administration (FHWA) Interim Guidance on Air Toxics Analysis in NEPA documents. The transportation conformity analysis was based on a compilation of guidance documents published by the FHWA. The localized analysis was based on South Coast Air Quality Management District (SCAQMD) guidance. Pollutants analyzed in this section include carbon monoxide (CO), volatile organic compounds (VOC), nitrogen dioxide (NO₂), sulfur dioxide (SO₂), particulate matter 2.5 microns or less in diameter (PM_{2.5}), and particulate matter ten microns or less in diameter (PM₁₀). A complete discussion of criteria air pollutants with established federal and State standards and relevant regulatory framework is provided in Appendix C.

6.1 Pollutants and Effects

Criteria air pollutants are defined as pollutants for which the federal and State governments have established ambient air quality standards, or criteria, for outdoor concentrations to protect public health. The federal and State standards have been set at levels above which concentrations could be harmful to human health and welfare. These standards are designed to protect the most sensitive persons from health effects.

Pollutants of concern include: carbon monoxide (CO), ozone (O₃), nitrogen dioxide (NO₂), sulfur dioxide (SO₂), particulate matter 2.5 microns or less in diameter (PM_{2.5}), particulate matter ten microns or less in diameter (PM₁₀), and lead (Pb).

6.1.1 National and State Ambient Air Quality Standards and Attainment Status

As required by the Federal Clean Air Act and Amendments (CAAA), National Ambient Air Quality Standards (NAAQS) are identified for seven major air pollutants: CO, NO₂, O₃, PM_{2.5}, PM₁₀, SO₂, and Pb. The CAAA requires the U.S. Environmental Protection Agency (USEPA) to designate areas as attainment, nonattainment, or maintenance (previously nonattainment and currently attainment) for each criteria pollutant based on whether the NAAQS have been achieved. The USEPA has classified the South Coast Air Basin (SCAB) as maintenance for CO and nonattainment for O₃, PM_{2.5}, and PM₁₀. The California Clean Air Act (CCAA) requires the California Air Resources Board (CARB) to designate areas within California as either attainment or non-attainment for each criteria pollutant based on whether the California Ambient Air Quality Standards (CAAQS) have been achieved. Under the CCAA, the Los Angeles County portion of the SCAB is designated as a nonattainment area for O₃, PM₁₀, and PM_{2.5}.

Table 6-1. SCAQMD Daily Operational Emissions Thresholds

Criteria Pollutant	Pounds Per Day
Volatile Organic Compounds (VOC)	55
Nitrogen Oxides (NO _x)	55
Carbon Monoxide (CO)	550
Sulfur Oxides (SO _x)	150
Fine Particulates (PM _{2.5})	55
Particulates (PM ₁₀)	150

Source: SCAQMD, 2010.

As Table 6-1 indicates, the federal standards for CO, O₃, NO₂, and SO₂ were not exceeded from 2006 to 2008. The 24-hour PM₁₀ standard was exceeded twice in 2007 and the 24-hour PM_{2.5} standard was exceeded 6 times in 2006, 12 times in 2007, and 8 times in 2008.

Sensitive Receptors

CARB has identified the following typical groups who are most likely to be affected by air pollution: children under 14, the elderly over 65 years of age, athletes, and people with cardiovascular and chronic respiratory diseases. According to the SCAQMD, sensitive receptors include residences, schools, playgrounds, child care centers, athletic facilities, long-term health care facilities, rehabilitation centers, convalescent centers, and retirement homes. Sensitive receptors within 0.25 miles of the maintenance site alternatives are listed below.

Site #14 – Arbor Vitae/Bellanca Alternative

- Residential land uses located approximately 280 feet or further to the north;
- Residential land uses located approximately 350 feet or further to the east;
- Residential land uses located approximately 375 feet or further to the west;
- Bright Star Secondary Charter Academy located approximately 600 feet to the east;
- Animo Leadership Charter High School located approximately 750 feet to the northeast; and
- Residential land uses located approximately 850 feet or further to the south.

Site #15 – Manchester/Aviation Alternative

- Animo Leadership Charter High School located approximately 250 feet to the east;
- Residential land uses located approximately 450 feet or further to the southeast;
- Residential land uses located approximately 750 feet or further to the west; and
- Residential land uses located approximately 1,000 feet or further to the northwest.



Site #17 – Marine/Redondo Beach Alternative

- Lawndale High School located approximately 1,000 feet to the north;
- Residential land uses located approximately 1,200 feet or further to the east; and
- Residential land uses located approximately 1,400 feet or further to the south.

Division 22 Northern Expansion

- Residential land uses located approximately 150 feet or further to the south;
- Residential land uses located approximately 800 feet or further to the north; and
- Residential land uses located approximately 1,000 feet or further to the southwest.

The above sensitive receptors have the greatest potential to be impacted by air emissions. Additional sensitive receptors are located in the surrounding community and may be impacted by air emissions.

6.1.2 Methodology

Operational emissions were based on VMT. Automobile emissions factors were obtained from the CARB’s EMFAC2007 model. EMFAC2007 is the latest emission inventory model that calculates emission inventories and emission rates for motor vehicles operating on roads in California. This model reflects the CARB’s current understanding of how vehicles travel and how much they pollute. The EMFAC2007 model can be used to show how California motor vehicle emissions have changed over time and are projected to change in the future. Construction GHG emissions were estimated using OFFROAD2007 and mobile source GHG emissions were estimated using EMFAC2007. GHG emissions associated with electricity use were provided by Metro for the Division 22 Maintenance Facility and increased by a factor of 1.54 to account for a larger facility.

6.2 CEQA Thresholds

Significance Criteria

SCAQMD Guidance

Based on SCAQMD guidance, a significant impact would result if:

- Daily operational emissions were to exceed SCAQMD operational emissions thresholds for Volatile Organic Compounds (VOC), nitrogen oxides (NO_x), CO, (SO_x), PM_{2.5}, or PM₁₀, as presented in Table 6-1;
- Project-related traffic causes CO concentrations at study intersections to violate the CAAQS for either the one- or eight-hour period. The CAAQS for the one- and eight-hour periods are 20 ppm and 9.0 ppm, respectively;
- The maintenance site alternatives would generate significant emissions of Toxic Air Contaminants (TACs);
- The maintenance site alternatives would create an odor nuisance; and/or

- The maintenance site alternatives would not be consistent with the Air Quality Management Plan (AQMP).

Greenhouse Gas Significance Criteria

CAPCOA completed an assessment of methodologies for determining significance associated with GHG emissions. In the absence of a certified threshold established by the SCAQMD, it has been determined that a 10,000 metric ton per year threshold is appropriate for determining GHG impacts.

The State has mandated a goal of reducing State-wide emissions to 1990 levels by 2020, even though State-wide population and commerce is predicted to grow substantially. To help meet this goal the California Climate Action Team recommended strategies that could be implemented by lead agencies to reduce GHG emissions. The maintenance site alternatives would comply with these strategies which include increasing building energy efficiency and reducing HFC use in air conditioning systems. The maintenance site alternatives would also comply with the Attorney General GHG reduction measures and the CARB Scoping Plan. Metro's Energy and Sustainability Policy would be implemented with the maintenance site alternatives. This Policy includes, at a minimum, constructing the maintenance site alternatives to achieve Leadership in Energy and Environmental Design (LEED) Silver certification as well as conducting energy use audits. The LEED rating system also includes rigorous energy efficiency requirements that can far exceed ASHRAE and Title 24 standards. Specifically, Metro has established the following sustainability goals for the proposed Project:

- Minimum LEED Silver certification
- Building life of 30 to 50 years with potential up to 100 years
- Produce onsite renewable energy with a photovoltaic system through a public-private partnership
- Reduce energy cost by 28 percent as compared to a minimally compliant building
- Utilize stormwater and greywater for bus wash and other non-potable water uses
- 30 percent to 40 percent savings in annual water usage from plumbing fixtures
- Use fly ash and recycled aggregate in concrete in all locations where feasible
- Use Energy Star Cement Plant Manufacturing in procurement process
- 75 percent construction waste recycling
- 10 to 20 percent recycled content materials
- 10 to 20 percent local/regional materials
- 5 percent reused materials
- Provide excellent daylighting and views
- Purchase and use Energy Star labeled equipment
- Track and monitor energy and water usage during occupancy



7.0 NOISE AND VIBRATION

Operational noise sources associated with the maintenance site alternatives include rail movements, exterior cleaning, safety alarms and safety warning device testing, public address systems, general repair activity, parking, and waste disposal. The operation of the maintenance facility is a 24-hour operation. The Federal Transit Administration (FTA) provides guidance for assessing impacts in *Transit Noise and Vibration Impact Assessment* (May 2006).

7.1 Regulatory Framework

Federal

FTA Noise Impact Criteria

FTA has developed standards and criteria for assessing noise impacts related to transit projects. These standards are based on community reactions to noise. The criteria reflect changes in noise exposure using a sliding scale where the higher the level of existing noise, the smaller increase in total noise exposure is allowed. Some land use activities are more sensitive to noise than others, such as parks, churches, and residences, as compared to industrial and commercial uses. Non-sensitive uses do not require noise impact assessment. The FTA Noise Impact Criteria groups sensitive land uses into the following three categories:

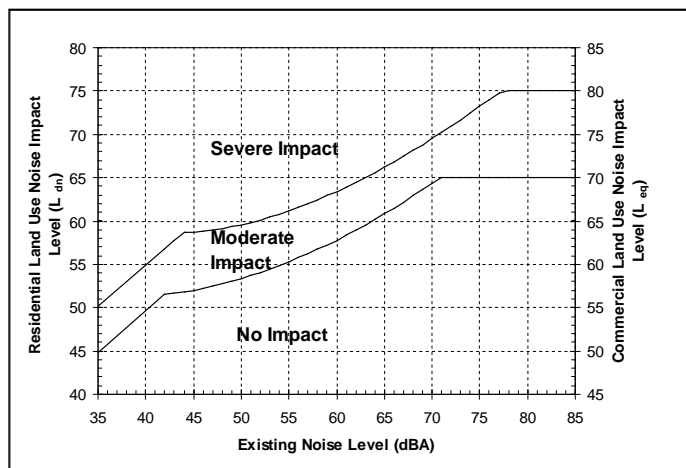
- **Category 1** – Buildings or parks where quiet is an essential element of their purpose
- **Category 2** – Residences and buildings where people normally sleep. This includes residences, hospitals, and hotels, where nighttime sensitivity is assumed to be of utmost importance
- **Category 3** – Institutional land uses with primarily daytime use that depends on quiet as an important part of operations, including schools, libraries, and churches

Day/night noise level (L_{dn}) is used to characterize noise exposure for residential areas (Category 2), and a maximum 1-hour Equivalent noise level (L_{eq}) (during the period that the facility is in use) is utilized for other noise-sensitive land uses such as school buildings (Categories 1 and 3).

The following two impact levels are included in the FTA criteria, as shown in Figure 7-1.

- **Moderate Impact** – In this range, other project-

Figure 7-1. Noise Impact Criteria for Transit Projects



Source: Transit Noise and Vibration Impact Assessment, FTA, May 2006

specific factors must be considered to determine the magnitude of the impact and the need for mitigation. Other factors may include the predicted increase over existing noise levels, the type and number of noise-sensitive land uses affected, existing outdoor-indoor sound insulation, and the cost effectiveness of mitigating noise to more acceptable levels.

- Severe Impact – Noise mitigation will be specified for severe impact areas unless there is no practical method of mitigating the noise.

The noise impact criteria for transit operations are summarized in Table 7-1. The first column shows the existing noise exposure and the remaining columns show the additional noise exposure caused by a rail project that would result in the two impact levels. As the existing noise exposure increases, the amount of allowable increase in noise exposure from the Project alternatives decreases. The future noise exposure would be the combination of the existing noise exposure and the additional noise exposure caused by a rail project.

Table 7-1. FTA Noise Impact Criteria

Existing Noise Exposure L_{eq} or L_{dn}^1	Noise Exposure Impact Thresholds for Transit Projects – L_{dn} or L_{eq}^1 (all noise levels in dBA)			
	Category 1 or 2 Sites		Category 3 Sites	
	Moderate Impact	Severe Impact	Moderate Impact	Severe Impact
<43	Ambient+10	Ambient+15	Ambient+15	Ambient+20
43-44	52	58	57	63
45	52	58	57	63
46-47	53	59	58	64
48	53	59	58	64
49-50	54	59	59	64
51	54	60	59	65
52-53	55	60	60	65
54	55	61	60	66
55	56	61	61	66
56	56	62	61	67
57-58	57	62	62	67
59-60	58	63	63	68
61-62	59	64	64	69
63	60	65	65	70
64	61	65	66	70
65	61	66	66	71
66	62	67	67	72
67	63	67	68	72
68	63	68	68	73
69	64	69	69	74
70	65	69	70	74
71	66	70	71	75
72-73	66	71	71	76
74	66	72	71	77



Table 7-1. FTA Noise Impact Criteria (continued)

Existing Noise Exposure L_{eq} or L_{dn} ¹	Noise Exposure Impact Thresholds for Transit Projects – L_{dn} or L_{eq} ¹ (all noise levels in dBA)			
	Category 1 or 2 Sites		Category 3 Sites	
	Moderate Impact	Severe Impact	Moderate Impact	Severe Impact
75	66	73	71	78
76-77	66	74	71	79
>77	66	75	71	80

Source: Transit Noise and Vibration Impact Assessment, FTA, May 2006.

Note: ¹ L_{dn} is used for land uses where nighttime sensitivity is a factor. Daytime L_{eq} is used for land use involving only daytime activities.

FTA Vibration Impact Criteria

FTA has developed impact criteria for acceptable levels of ground-borne noise and vibration. Table 7-2 summarizes the FTA impact criteria for ground-borne vibration. These criteria are based on previous standards, criteria, and design goals, including noise and vibration guidelines from American National Standards Institute (ANSI) S3.29 (Acoustical Society of America, 1983) and the American Public Transit Association (American Public Transportation Association [APTA], 1981). Some buildings (e.g., concert halls, television and recording studios, and theaters) can be very sensitive to vibration, but do not fit into any of the three FTA sensitive land use categories previously described. Because of these buildings’ sensitivity to vibration, they usually warrant special attention during the environmental review of a rail project. Table 7-3 lists criteria for acceptable levels of ground-borne vibration for various types of special buildings.

Table 7-2. FTA Ground-Borne Vibration Impact Criteria

Land Use Category	Ground-Borne Vibration Impact Levels (VdB re 1 Micro-inch/sec)		
	Frequent Events ¹	Occasional Events ²	Infrequent Events ³
Category 1: Buildings where vibration would interfere with interior operations	65 VdB ⁴	65 VdB ⁴	65 VdB ⁴
Category 2: Residences and buildings where people normally sleep	72 VdB	75 VdB	80 VdB
Category 3: Institutional land uses with primarily daytime use	75 VdB	78 VdB	83 VdB

Source: Transit Noise and Vibration Impact Assessment (FTA, May 2006)

Notes: ¹ “Frequent Events” are defined as more than 70 vibration events of the same source per day. Most rapid transit projects fall into this category.

² “Occasional Events” are defined as between 30 and 70 vibration events of the same source per day. Most commuter rail lines have this many events.

³ “Infrequent Events” are defined as fewer than 30 vibration events of the same kind per day. This category includes most commuter rail branch lines.

⁴ This criterion limit is based on levels that are acceptable for most moderately sensitive equipment, such as optical microscopes. Vibration-sensitive manufacturing or research will require detailed evaluation to define acceptable vibration levels. Ensuring lower vibration levels in a building often requires special design of the HVAC systems and stiffened floors.

Table 7-3. FTA Ground-Borne Vibration Impact Criteria for Special Buildings

Type of Building or Room	Ground-Borne Vibration Impact Levels (VdB re 11 micro-inch/sec)	
	Frequent Events ¹	Occasional or Infrequent Events ²
Concert Halls	65 VdB	65 VdB
Television Studios	65 VdB	65 VdB
Recording Studios	65 VdB	65 VdB
Auditorium	72 VdB	80 VdB
Theaters	72 VdB	80 VdB

Source: Transit Noise and Vibration Impact Assessment (FTA, May 2006)

Notes: ¹ “Frequent Events” are defined as more than 70 vibration events per day.

² “Infrequent Events” are defined as fewer than 70 vibration events per day and includes most rail systems.

General Vibration Setting

Ambient vibration levels were not measured as part of this study. FTA Vibration Impact Criteria were used to identify locations where potential impacts may occur based on existing land use activities.

The FTA screening guidance is designed to identify locations where a project may cause a vibration impact. The screening distances are 150 feet for Category 2 land uses such as residences and buildings where people sleep and 100 feet for Category 3 land use such as institutional land uses with primarily daytime and evening use. There are no Category 1 land uses near the project sites (e.g., recording studios). The only land use for any of the proposed project sites that requires further analysis is the multi-family residential complex adjacent and to the south of the Division 22 Maintenance Facility.

7.2 CEQA Thresholds

Significance Criteria

The maintenance site alternatives occur within four different jurisdictions. Because there is no threshold common to all of these jurisdictions, a widely-used, acceptable industry standard within the southern California region was used as a CEQA significance threshold. Based on this threshold, a significant operational noise impact would result if:

- The maintenance site alternatives cause the ambient noise level measured at the property line of the affected uses to increase by 3 decibels CNEL to or within the “normally unacceptable” or “clearly unacceptable” categories, as show in State Land Use Noise Compatibility Guidelines, or any 5-dBA or more increase in noise level.

The nearest sensitive receptors to the Project sites are residential and educational land uses. The “normally unacceptable” category begins at 70 dBA for both of these land uses. A significant impact would result if noise levels increase by at least 3 dBA from less than 70 dBA to greater than 70 dBA, or any 5-dBA or more increase in noise level.

The Cities of Los Angeles, Inglewood, Hawthorne, and Redondo Beach have not developed specific CEQA vibration significance thresholds for transportation projects.



8.0 ECOSYSTEMS/BIOLOGICAL RESOURCES

Information in this section is based primarily on the following sources:

- A search of the California Natural Diversity Database (CNDDDB) was conducted to identify sensitive plants and animals with the potential to occur in the study area. The proposed alignments are located within the Inglewood and Venice 7.5-minute quadrangles, and both quadrangles were included in the search.
- A visual review of parks and other public open spaces within 0.25 miles of the maintenance site alternatives.

8.1 Regulatory Framework

Biological resources within 0.25 miles of either side of the proposed alignments, stations, and maintenance facility sites are protected the following federal, state, and local laws and policies.

8.1.1 Federal

Endangered Species Act. The Endangered Species Act and subsequent amendments provide for the conservation of endangered and threatened species and the ecosystems upon which they depend.

Migratory Bird Treaty Act. The Migratory Bird Treaty Act provides that all migratory birds and their parts (including eggs, nests and feathers) are fully protected.

Wetlands Protection, Executive Order 11990. Executive Order 11990 requires federal agencies to consider alternatives to wetland sites and limit potential damage if an activity affecting a wetland cannot be avoided.

Invasive Species, Executive Order 13112. Executive Order 13112 requires federal agencies to address invasive species concerns and to not authorize or carry out new actions that would cause or promote the introduction of invasive species.

Coastal Zone Management Act. The Coastal Zone Management Act encourages coastal states to develop and implement coastal zone management programs.

Wild and Scenic Rivers Act. Under the Wild and Scenic Rivers Act no U.S. department or agency may assist by loan, grant, license or otherwise in the construction of a water resources project that would have a direct and adverse effect on the values for which a river is designated.

8.1.2 State

California Endangered Species Act. Projects that result in a take of a State-only listed species require a take permit under the California Endangered Species Act. The federal and/or State acts also lend protection to species that are considered rare enough by the scientific community and trustee agencies to warrant special consideration, particularly with regard to protection of isolated populations, nesting or den locations, communal roosts, and other essential habitat.

California Fish and Game Code Sections 3500 - 3705, Migratory Bird Protection.

Sections 3500 through 3705 of the California Fish and Game Code regulate the taking of migratory birds and their nests.

8.1.3 Local

Los Angeles County General Plan. The *Los Angeles County General Plan* identifies Significant Ecological Areas (SEAs) containing biological resources and sets forth the goal of conserving these areas.

City of Los Angeles Native Tree Protection Ordinance. The City of Los Angeles passed a Native Tree Protection Ordinance (Ordinance No. 177,404), in an effort to slow the decline of native tree habitat.

City of Inglewood General Plan. The *City of Inglewood General Plan* includes a chapter identifying the existing environmental resources in the City of Inglewood.

8.2 CEQA Thresholds

Appendix G of the *CEQA Guidelines* addresses impacts to biological resources under Section IV. The *CEQA Guidelines* state that a project would normally have a significant impact on biological resources if it could:

- Result in the loss of individuals, or the reduction of existing habitat, of a state or federal listed endangered, threatened, rare, protected, or candidate species, or a Species of Special Concern or federally listed critical habitat;
- Result in the loss of individuals or the reduction of existing habitat of a locally designated species or a reduction in a locally designated natural habitat or plant community;
- Interfere with wildlife movement/migration corridors that may diminish the chances for long-term survival of a sensitive species;
- Result in the alteration of an existing wetland habitat; and/or
- Interfere with habitat such that normal species behaviors are disturbed (e.g., from the introduction of noise, light) to a degree that may diminish the chances for long-term survival of a sensitive species.

Because no wildlife corridors or wetlands exist within the maintenance site alternatives, the thresholds described in the third and fourth bullets above are not applicable. However, because species of concern have the potential to occur within 0.25 miles of the maintenance site alternatives, potential impacts to these biological resources were evaluated for each of the maintenance site alternatives.



9.0 GEOTECHNICAL/SUBSURFACE/SEISMIC/HAZARDOUS MATERIALS

9.1 Regulatory Framework

Information on geology, soils, seismicity, and hazardous materials has been identified as a result of a review of available published and unpublished literature from applicable federal, State, and local agencies. Presented below are the resources used which guide the regulatory framework applicable to the jurisdictions located within the study area.

Executive Order 11988 directs all federal agencies to avoid to the extent possible long- and short-term adverse impacts associated with the modification of floodplains and to avoid direct or indirect support of floodplain development wherever there is a practicable alternative. The Federal Emergency Management Agency (FEMA) is mandated by the National Flood Insurance Act of 1968 and the Flood Disaster Protection Act of 1973 to evaluate flood hazards and provide Flood Insurance Rate Maps (FIRMs) for local and regional planners to promote sound land use and floodplain development.

The Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980 defines the term hazardous substance as any substance, material, or waste, the exposure to which results in, or may result in, adverse effects on health or safety.

The Resources Conservation and Recovery Act (RCRA) is the principal federal law that regulates the generation, management, and transportation of hazardous materials and hazardous wastes. Hazardous waste management includes the treatment, storage, or disposal of hazardous waste.

9.1.1 State

Geology, Soils, and Seismicity Resources

Principal state guidance relating to geologic hazards is contained in the Alquist-Priolo Act (Public Resource Code [PRC]. 2621 et seq.) and the Seismic Hazards Mapping Act of 1990 (PRC 2690-2699.6). The Alquist-Priolo Act prohibits the location of most types of structures for human occupancy across active traces of faults in earthquake fault zones, shown on maps prepared by the state geologist, and regulates construction in the corridors along active faults (earthquake fault zones). The Seismic Hazards Mapping Act of 1990 focuses on hazards related to strong ground shaking, liquefaction, and seismically-induced landslides. Under its provisions, the State is charged with identifying and mapping areas at risk of strong ground shaking, liquefaction, landslides, and other corollary hazards. The maps are to be used by cities and counties in preparing their general plans and adopting land use policies to reduce and mitigate potential hazards to public health and safety.

Pursuant to the Surface Mining and Reclamation Act (PRC 2710 et seq.), the State Mining and Geology Board identifies, in adopted regulations, areas of regional significance that are known to contain mineral deposits judged to be important in meeting the future needs of the area (PRC 2426 and 2790; Title 14 PRC 3350, et seq.). The State Mining and Geology Board also adopts State policy for the reclamation of

mined lands and certifies local ordinances for the approval of reclamation plans as being consistent with State policies (PRC 2755-2764, 2774 et seq.).

The California Health and Safety Code (Sections 25316 and 25317) identifies the substances, materials, and wastes that require hazardous substance removal, including petroleum and petroleum by-products, waste oil, crude oil, and natural gas. Other pertinent regulations include the Resource Conservation and Recovery Act (RCRA), the Clean Water Act (CWA), and any Department of Transportation standards.

9.2 CEQA Thresholds

The 2008 CEQA Guidelines use the following questions related to hazards and hazardous materials, and geology and soils to determine whether a significant impact would occur.

Significance Criteria

Hazards and Hazardous Materials

Would the project:

- Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?
- Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?
- Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within 0.25 miles of an existing or proposed school?
- Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?
- For a project located within an airport land use plan or, where such a plan has not been adopted, within 2 miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?
- For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?
- Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?
- Expose people or structures to a significant risk of loss, injury, or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?

Geology and Soils

Would the project:

- Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:



- ▶ Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault
- ▶ Strong seismic ground shaking
- ▶ Seismic-related ground failure, including liquefaction?
- ▶ Landslides
- Result in substantial soil erosion or the loss of topsoil
- Be located on a geologic unit or soil that is unstable or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse
- Be located on expansive soil, creating substantial risks to life or property
- Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater

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10.0 WATER RESOURCES

10.1 Regulatory Framework

10.1.1 Federal

Clean Water Act of 1977 (33 U.S. Code 1251-1376). The CWA is the nation’s primary mechanism for protecting and improving water quality. The Act makes the states and the USEPA jointly responsible for identifying and regulating both point and non-point sources of pollution.

Federal Emergency Management Agency – Executive Order 11988. Executive Order 11988 directs all federal agencies to avoid, to the extent possible, long-and short-term adverse impacts associated with the modification of floodplains and to avoid direct or indirect support of floodplain development wherever there is a practicable alternative.

Safe Drinking Water Act. Under the Drinking Water Act, the Environmental Protection Agency sets standards for drinking water quality and oversees the states, localities and water suppliers who implement those standards. The Safe Drinking Water Act authorizes standards for drinking water to protect against both naturally-occurring and man-made contaminants that may be found in drinking water.

United States Army Corps of Engineers – Section 404. A section 404 permit is required by the US Army Corps of Engineers (USACE) when a project impacts waters of the U.S.

Fish and Wildlife Coordination Act (16 USC 661-666 or 16 USC 662 S.2). The USFWS Coordination Act requires consultation with the USFWS and the state agency responsible for wildlife resources whenever a stream or other body of water is proposed to be modified for any purpose whatsoever.

Endangered Species Act of 1970 (16 USC 1531-1543). The Endangered Species Act mandates the preservation of endangered species and their habitats.

10.1.2 State and Regional

Porter-Cologne Water Quality Control Act. The Porter-Cologne Water Quality Control Act (1969) established the responsibilities and authorities of the State Water Resources Control Board (SWRCB) and the nine Regional Water Quality Control Boards (RWQCBs).

California Fish and Game Code - Section 1602. Section 1602 of the California Fish and Game Code (CDFG) requires agencies to notify the CDFG of any project that will divert, obstruct, or change the natural flow or bed, channel, or bank of any river, stream, or lake.

10.1.3 Local

Los Angeles Regional Water Quality Control Board. Discharge of construction dewatering activities is regulated under Los Angeles RWQCB Order No. R4-2003-0108

NPDES No. CAG994004 which establishes regulations on the discharge of groundwater from construction and project dewatering.

County of Los Angeles. Order No. 01-182 NPDES Permit No. CAS004001 establishes the waste discharge requirements for municipal storm water and urban runoff discharges within the County of Los Angeles and incorporated cities to ensure water quality is not degraded.

City of Los Angeles. The City of Los Angeles Department of Public Works, Watershed Protection Division is responsible for the development and implementation of storm water pollution abatement projects within the City. The Watershed Protection Division requires developers to develop a SUSMP or Site Specific Mitigation Plan. Regulations are enforced through permitting and site inspection.

10.2 CEQA Thresholds

According to the CEQA, the maintenance site alternatives would result in a significant impact to water resources if it would:

- Conflict with applicable legal requirements related to hydrology or water quality, including a violation of state water quality standards or waste discharge requirements;
- Substantially degrade groundwater quality or interfere with groundwater recharge, or deplete groundwater resources in a manner that would cause water-related hazards, such as subsidence;
- Alter the existing drainage pattern of the site or area in a manner that would cause substantial flooding, erosion, or siltation;
- Create or contribute to runoff that would exceed the drainage and flood control capacity of existing or planned storm water drainage systems; and/or
- Place within a 100-year flood hazard area structures that would impede or redirect flood flows, or otherwise expose people and/or property to water-related hazards, such as flooding.



11.0 ENERGY

11.1 Regulatory Framework

The California Energy Commission is the State's primary energy policy and planning agency. Created by the legislature in 1974, the commission has five major responsibilities: (1) forecasting future energy needs and keeping historical energy data, (2) licensing thermal power plants 50 megawatts or larger, (3) promoting energy efficiency through appliance and building standards, (4) developing energy technologies and supporting renewable energy, and (5) planning for and directing the State's response to energy emergency.

The commission published the *2007 Integrated Energy Policy Report* (IEPR) in October 2007. The IEPR was prepared in response to SB 1389, Chapter 568, Statutes of 2002, which requires that the commission prepare a biennial integrated energy policy report. This report contains an integrated assessment of major energy trends and issues facing the State's electricity, natural gas, and transportation fuel sectors and provides policy recommendations to conserve resources; protect the environment; ensure reliable, secure, and diverse energy supplies; enhance the State's economy; and protect public health and safety. The IEPR fulfills the requirement of SB 1389.

The Southern California Association of Governments (SCAG) 2008 Regional Transportation Plan (RTP) describes energy production and consumption throughout the South Coast Air Basin (SCAB) and provides vehicle miles traveled (VMT) by county. SCAB is a subregion of the South Coast Air Quality Management District (SCAQMD), the agency principally responsible for comprehensive air pollution control in the State, and covers an area of 6,745 square miles. SCAB includes all of Orange County and the non-desert portions of Los Angeles, Riverside, and San Bernardino Counties. VMT is an indicator of the extent to which vehicles are used, providing a valuable factor in calculating the amount of energy consumed by transportation.

Metro has adopted an Energy and Sustainability Policy to control energy consumption and embrace energy efficiency, energy conservation, and sustainability to avoid unnecessary expenditure; help in protecting the environment; improve cost effectiveness, productivity, and working conditions; and prolong the useful life of fossil fuels by using resources more efficiently. Metro policy requires designing and building structures that are greater than 10,000 square feet in area to meet or exceed the Leadership in Energy and Environmental Design (LEED) Silver rating.

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12.0 HISTORIC, ARCHAEOLOGICAL, AND PALEONTOLOGICAL RESOURCES

12.1 Regulatory Framework

The federal and state regulatory frameworks related to cultural resources are outlined below.

12.1.1 Federal

National Environmental Policy Act. The NEPA of 1969, as amended (42 United States Code [USC] 4321-4347) establishes the federal policy of protecting important historic, cultural, and natural aspects of our national heritage during federal project planning.

Section 106 of the National Historic Preservation Act. NEPA requires that federal agencies integrate the NEPA process with other environmental laws. Section 106 of the National Historic Preservation Act as amended (Section 106, 16 USC 470f) requires that impacts on significant cultural resources, hereafter called historic properties, be taken into consideration in any federal undertaking.

Section 4(f) of the United States Department of Transportation Act of 1966. Section 4.12 Parklands and Community Facilities presents the detailed regulatory framework for Section 4(f) of the Department of Transportation Act. Section 4(f) is also applicable to the use or constructive use of historic properties (i.e., properties listed on or eligible for listing on the National Register of Historic Places (NRHP)).

Antiquities Act. The Antiquities Act of 1906 (16 USC 431-433) was enacted with the primary goal of protecting cultural resources in the United States. As such, it prohibits appropriation, excavation, injury, or destruction of “any historic or prehistoric ruin or monument, or any object of antiquity” located on lands owned or controlled by the federal government, without permission of the secretary of the federal department with jurisdiction.

The Archaeological Resources Protection Act. The Archaeological Resources Protection Act (ARPA) was enacted in 1979 and amended in 1988 and states that archaeological resources on public or Indian lands are an accessible and irreplaceable part of the nation’s heritage.

The American Indian Religious Freedom Act. The American Indian Religious Freedom Act (AIRFA) proclaims that the United States Government will respect and protect the rights of Indian tribes to the free exercise of their traditional religions; the courts have interpreted this as requiring agencies to consider the effects of their actions on traditional religious practices.

Native American Graves Protection and Repatriation Act. The Native American Graves Protection and Repatriation Act (1990) (104 Statutes 3048-3058) (NAGRPA) will also apply to this Project if human remains of Native American origin are discovered on federal land during implementation of the Project.

12.1.2 State

California Environmental Quality Act. According to the CEQA (PRC, Section 21084.1), historical resources include any resource listed, or determined to be eligible for listing, in the California Register of Historical Resources (CR). Properties listed in or determined eligible for listing in the NRHP, such as those identified in the Section 106 process, are automatically listed in the CR.

California Public Resource Code 5097. If human remains of Native American origin are discovered during project construction not on federal land, it will be necessary to comply with State laws relating to the disposition of Native American burials, which fall within the jurisdiction of the Native American Heritage Commission (NAHC) (PRC 5097).

Antiquities Act of 1906. Under this act, paleontological remains are accepted as non-renewable resources significant to our culture.

CEQA13 PRC, 21000 et seq. Requires public agencies and private interests to identify the potential adverse impacts and/or environmental consequences of their proposed project(s) to any object or site important to the scientific annals of California (Division 1, Public Resources Code: 5020.1[b]).

State CEQA Guidelines Sec. 15064.5(a)(3)

This section of CEQA provides protection for historical (or paleontological) resources by requiring that they be identified and mitigated as historical resources under CEQA. The State CEQA Guidelines define historical resources broadly to include any object, site, area, or place that a lead agency determines to be historically significant.

12.2 Compliance Methodology

12.2.1 Federal

Section 106 regulations prescribe the following steps, which are described in this and subsequent sections:

- Determine and document the Area of Potential Effects;
- Identify consulting parties;
- Identify potential historic properties;
- Evaluate significance of potential historic properties by applying NRHP eligibility criteria in consultation with SHPO or Indian tribes, as appropriate;
- Assess effects on historic properties by applying ACHP criteria of adverse effect;
- Develop avoidance and mitigation measures if necessary; and
- Document the process.

**The Area of Potential Effects**

The Project APE was delineated to ensure inclusion of significant cultural resources that may be directly or indirectly affected by the Project, and are listed in or eligible for listing in the NRHP. The proposed direct APE for the four maintenance site alternatives includes areas of direct ground disturbance, as well as areas with permanent site improvements and areas for staging and temporary construction activities.

Identify Consulting and Interested Parties

The Section 106 regulations require that a federal agency evaluate all properties within the APE and identify historic properties by gathering information from consulting parties, applying the NRHP Criteria, and seeking concurrence from the SHPO or Indian tribe, as appropriate. During the preparation of the Crenshaw/LAX LRT Project Draft EIS/EIR, FTA identified 23 consulting parties for historic properties within the APE. FTA sent a letter to the California SHPO on May 22, 2008, initiating Section 106 consultation. In a meeting on July 23, 2008, Metro consulted with the SHPO to discuss the entire Crenshaw/LAX LRT Project, which includes the selection of a maintenance facility to determine the Section 106 identification effort.

Identifying Historic Properties

For the maintenance site alternatives, preliminary research and surveys have been undertaken to identify previously recorded historic properties and potentially eligible historic properties. Preliminary studies have been conducted in accordance with the Secretary of Interior's Standards and Guidelines for Identification of Historic Properties (48 *Federal Register* [FR] 44716), using personnel who meet the Secretary of Interior's Professional Standards (48 FR 22716) in the fields of pre-historic archaeology, historic archaeology, architectural history, and history.

12.2.2 Native American Consultation

The NAHC was contacted by SWCA regarding the entire Crenshaw/LAX LRT Project on June 15, 2010. The NAHC responded on June 28, 2010 and stated that the Sacred Lands File search did indicate the presence of sacred lands within one mile of the Crenshaw/LAX LRT Project area. The NAHC also provided a list of Native American groups and individuals who might have knowledge of cultural resources in the Project area. Letters describing the Crenshaw/LAX LRT Project were sent on July 7, 2010 to the nine Native American contacts provided by the NAHC.

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13.0 PARKLANDS AND COMMUNITY FACILITIES

13.1 Regulatory Framework

A brief discussion of the regulatory framework used to guide development related to parklands and community facilities in each of the study area jurisdictions is provided below.

13.1.1 Federal

USDOT Act of 1966. Section 4(f) of the USDOT Act of 1966 (recodified as amended at 49 USC Section 303) affords special protection to public recreational lands and facilities, including local parks and school facilities, that are open and available to the general public for recreational purposes, significant cultural resources, and natural wildlife refuges.

13.1.2 Local

Parklands, public services (i.e., police and fire protection), libraries, and other community facilities (i.e., educational facilities) are generally regulated by local agencies. The maintenance site alternatives are regulated by the policies and agencies of the Cities of Los Angeles, Hawthorne, Inglewood, and Redondo Beach. Public schools within 0.25 miles of either side of the maintenance site alternatives, are within various school districts (i.e., the Los Angeles Unified School District, the Hawthorne School District, the Inglewood School District, or the Redondo Beach School District), which have their own policies and procedures. Specific policies that pertain to other community facilities are regulated through land use and zoning (refer to Section 3.2, Land Use and Development, of this EA/RDEIR).

City of Los Angeles

Recreational planning is accomplished through various land use plans, including the City of Los Angeles General Plan, and various community plans, specific plans, and recreational use plans, which are developed by the City of Los Angeles Department of Recreation and Parks. While there are no specific local or regional plans that address police services, the City-wide general plan framework and specific community plan documents do contain policies and objectives that deal with ensuring adequate police service infrastructure. The *City of Los Angeles General Plan*, the City of Los Angeles Fire Code (part of the city's municipal code), and the General Plan Safety Element contain the goals, objectives, and policies related to fire prevention and suppression services.

City of Hawthorne

Fire safety policies in the City of Hawthorne are governed by the Uniform Fire Code, the Hawthorne Municipal Code, which includes the City's Fire Prevention Code, and the Los Angeles County Fire Code.

City of Inglewood

Parks and Recreation: The *1995 City of Inglewood General Plan* City guides the City of Inglewood Parks, Recreation, and Community Services Department, police services, and emergency response planning. Fire safety policies in the City of Inglewood are governed by the UFC and the Inglewood Municipal Code, which includes the Los Angeles Fire Code.

City of Redondo Beach

Fire safety policies in the City of Redondo Beach are governed by the Uniform Fire Code and the Redondo Beach Municipal Code, which includes the City's Fire Prevention Code.

Los Angeles County

The Los Angeles County General Plan Public Services and Facilities Element contain policies and objectives that deal with ensuring adequate fire protection and paramedic services and infrastructure. Generally, these include maintaining or establishing service ratios and emergency response plans.

Educational Facilities

Los Angeles Unified School District. The Los Angeles Unified School District (LAUSD) provides public education for kindergarten through grade 12 (K-12) for communities throughout Los Angeles. When the LAUSD proposes a new school, they consider a variety of potential safety factors, such as geological hazards and proximity to airports, high voltage power transmission lines, hazardous land uses (including uses that could pose a threat to the health and safety of students and staff, including, but not limited to, facilities within 0.25 miles of the proposed school sites that might reasonably be anticipated to emit hazardous air emissions), railroad tracks, and major roadways (California Office of Public School Construction, 2006).

Hawthorne School District. The Hawthorne School District (HSD) provides services to the City of Hawthorne. The HSD Facilities Plan guides the construction of new, expansion of existing, and/or modernization of existing facilities within the HSD jurisdiction.

Inglewood Unified School District. The Inglewood Unified School District (IUSD) provides services to the City of Inglewood. The IUSD Facilities Master Plan describes the district's anticipated school facilities needs and priorities, funding sources, and timelines for building. Objectives include the consideration of locating schools within the community, with adequate sound control, and safety.

Redondo Beach Unified School District. The Redondo Beach Unified School District (RBUSD) provides services to the City of Redondo Beach. The RBUSD Facilities Plan guides the construction of new, expansion of existing, and/or modernization of existing facilities within the RUSD jurisdiction.



13.2 CEQA Thresholds

The *CEQA Thresholds* state that a project would normally have a significant impact on public facilities if it could:

- Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for police protection;
- For a project located within an airport land use plan or where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area;
- For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working within the project area;
- Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan;
- Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands;
- Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for fire protection;
- Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for schools;
- Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for other public facilities.

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14.0 ECONOMIC AND FISCAL IMPACTS

14.1 Regulatory Framework

Both federal and State regulations and guidance were used in the preparation of this analysis on economic and fiscal impacts.

14.1.1 Federal

The primary federal guidance is provided by the FHWA's Technical Advisory T-6640.8A, "Guidance for Preparing and Processing Environmental and Section 4(f) Documents" dated October 30, 1987. Section 3.14 of this document addresses economic impacts. The guidance directs preparers of EIS documents to discuss foreseeable economic impacts. Potential impacts to be considered include the following topics:

- (1) The economic impacts on the regional and/or local economy such as the effects of the maintenance site alternatives on development, tax revenues and public expenditures, employment opportunities, accessibility, and retail sales;
- (2) The impacts on the economic vitality of existing highway-related businesses and resultant impacts on the local economy; and
- (3) Impacts of the proposed action on established business districts.

14.1.2 State

Pursuant to the CEQA guidelines, economic or social effects of a project that are not related to physical changes in the environment shall not be treated as significant effects on the environment, but may be used to determine the significance of physical changes caused by the project (Section 15131(b)).

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15.0 SAFETY AND SECURITY

15.1 Regulatory Framework

There are both federal and State regulatory requirements that dictate the safety aspects of various facilities and systems. Federal requirements include those published by the Federal Railroad Administration (FRA) and FTA. State requirements include those contained in State laws administered by the California Public Utilities Commission (CPUC). Metro has developed safety criteria and Board adopted policies that will be utilized in designing the elements for the Project. Industry guidelines will also be used in developing the system design features. Local fire and police jurisdictions, general plan policies and ordinances are additional regulatory frameworks related to transit safety and security. The maintenance site alternatives are within several jurisdictions and agencies that have safety and security responsibilities, including Metro, and the Cities of Los Angeles and Inglewood.

15.2 CEQA Thresholds

According to CEQA, project effects on safety and security would be considered significant if they:

- Cause or create the potential for substantial adverse safety conditions or substantially limit the delivery of community safety services, such as police, fire, or emergency services; and/or
- Cause or create the potential for substantial adverse security conditions, including: incidents, offenses, and crimes.

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16.0 CONSTRUCTION IMPACTS

16.1 Regulatory Framework

Regulations identified in Sections 1 through 15 would also apply to the evaluation of construction effects for the maintenance site alternatives.

16.1.1 Air Quality

Construction activity has the potential to create air quality impacts through the use of heavy-duty equipment and through vehicle trips generated by construction workers. Fugitive dust emissions would primarily result from grading activities. NO_x emissions would primarily result from the use of construction equipment and haul trucks. During the finishing phase, the application of architectural coatings (e.g., paints) and other building materials would release VOC. The assessment of construction air quality impacts considers each of these potential sources. Construction emissions can vary substantially from day to day, depending on the level of activity, the specific type of operation and, for dust, the prevailing weather conditions.

This air quality analysis is consistent with the methods described in the SCAQMD CEQA Air Quality Handbook (1993 edition), as well as the updates to the CEQA Air Quality Handbook, as provided on the SCAQMD website. Heavy-duty truck and worker vehicle emission rates were obtained from the EMFAC2007 model. Equipment emission factors were obtained from the OFFROAD2007 model. Fugitive dust and architectural coating emission rates were obtained from the URBEMIS2007 model. The localized construction analysis followed guidelines published by the SCAQMD in the Localized Significance Methodology for CEQA Evaluations (SCAQMD Localized Significance Threshold (LST) Guidance Document). Localized emissions were modeled using the USEPA AERMOD dispersion model.

It was assumed that most intense day of construction activity would be similar for Sites #14, #15, and #17. Key air quality construction assumptions included:

- 8 pieces of heavy-duty construction equipment operating simultaneously for ten hours per day;
- 75 truck trips per day with a round trip distance of 20 miles;
- 30 worker vehicle trips per day with a round trip distance of 26.6 miles;
- 10 acres of land disturbed (e.g., graded) per day.

The Division 22 Northern Expansion is a smaller site and construction activity would be less intense than at the other alternatives. Key air quality construction assumptions included:

- 8 pieces of heavy-duty construction equipment operating simultaneously for ten hours per day;
- 35 truck trips per day with a round trip distance of 20 miles;

- 30 worker vehicle trips per day with a round trip distance of 26.6 miles;
- 3.5 acres of land disturbed (e.g., graded) per day.

It is mandatory for all construction projects in the Basin to comply with SCAQMD Rule 403 for Fugitive Dust. Specific Rule 403 control requirements include, but are not limited to, applying water in sufficient quantities to prevent the generation of visible dust plumes, applying soil binders to uncovered areas, reestablishing ground cover as quickly as possible, utilizing a wheel washing system to remove bulk material from tires and vehicle undercarriages before vehicles exit the Project site, and maintaining effective cover over exposed areas. Compliance with Rule 403 would reduce $PM_{2.5}$ and PM_{10} emissions associated with construction activities by approximately 61 percent.

According to the Council on Environmental Quality regulations (40 CFR §§ 1500-1508), the determination of a significant impact is a function of both context and intensity. Context means that the significance of an action must be analyzed in several contexts such as society as a whole (human, national), the affected region, the affected interests, and the locality. Both short- and long-term effects are relevant. Intensity refers to the severity of impact. To determine significance, the severity of the impact must be examined in terms of the type, quality and sensitivity of the resource involved; the location of the maintenance site alternatives; the duration of the effect (short- or long-term) and other consideration of context. Significance of the impact will vary with the setting of the proposed action and the surrounding area. Construction impacts are assessed by comparing localized concentrations of project-related pollutants to federal standards. An adverse impact would also occur if the maintenance site alternatives would result in substantial amounts of toxic air contaminant or odors.

16.1.2 Noise and Vibration

Based on the FTA guidance, construction noise was assessed by estimating the combined noise level in one hour from the two noisiest pieces of equipment, assuming they both operate at the same time. It was assumed that the two noisiest pieces of equipment to be operated simultaneously would be a dozer and a grader, both generating a noise level of 85 dBA at 50 feet. They would combine to generate a noise level of 88 dBA at 50 feet. This analysis assumed that the maintenance site alternatives would not require pile driving. The noise level during the construction period at each receptor location was calculated by (1) making a distance adjustment to the construction source sound level and (2) logarithmically adding the adjusted construction noise source level to the ambient noise level. Vibration levels are also provided in the guidance document, and were estimated using a similar methodology.

Construction noise and vibration are direct impacts associated with construction equipment that are caused by the maintenance site alternatives and occur at the Project site. Construction activity would not result in indirect noise and vibration impacts that would occur later in time or in another region.



The FTA guidance provides daytime and nighttime construction noise criteria. This analysis assumed that all construction activity would occur during the daytime. An adverse noise impact would result if construction noise exceeds:

- 90 dBA one-hour L_{eq} at residential land uses; or
- 100 dBA one-hour L_{eq} at commercial or industrial land uses.

The FTA guidance also provides construction vibration criteria. An adverse vibration impact would result if construction vibration exceeds:

- 0.3 inches per second PPV.

16.2 CEQA Thresholds

The CEQA Guidelines implicitly acknowledge that construction-related changes may be the source of significant impacts to the physical environment even though these effects may be short-term in duration. The preceding discussion has addressed all topic areas of environmental effects as required by CEQA except for air quality and noise, which use separate significance thresholds under CEQA than under NEPA. Typically significant construction effects are identified in CEQA as changes to the physical environment that are particularly disruptive or that have specific health and safety considerations. The construction effects identified above by in large require the development and implementation of a comprehensive array of construction management and abatement measures as described previously under the Mitigation Measures heading. Those environmental changes requiring mitigation would be considered significant for purposes of CEQA and include:

- Air Quality
- Noise and Vibration

16.2.1 Air Quality

16.2.1.1 Significance Criteria

Based on SCAQMD guidance, the maintenance site alternatives would have a significant impact if:

- Regional construction emissions were to exceed SCAQMD emissions thresholds for VOC, NO_x , CO, SO_x , $PM_{2.5}$, or PM_{10} , as presented in Table 16-1;
- Localized concentrations of CO exceed the one-hour standard of 20 ppm or the eight-hour standard of 9.0 ppm;
- Localized concentrations of NO_2 exceed the one-hour standard of 0.18 ppm;
- Localized concentrations of $PM_{2.5}$ or PM_{10} exceed 10.4 ug/m^3 ;

Table 16-1. SCAQMD Daily Construction Emissions Thresholds

Criteria Pollutant	Pounds Per Day
Volatile Organic Compounds (VOC)	75
Nitrogen Oxides (NO _x)	100
Carbon Monoxide (CO)	550
Sulfur Oxides (SO _x)	150
Fine Particulates (PM _{2.5})	55
Particulates (PM ₁₀)	150

Source: SCAQMD, 2010

- The maintenance site alternatives would generate significant emissions of TACs; and/or
- The maintenance site alternatives would create an odor nuisance.

16.2.2 Noise and Vibration

The noise level during the construction period at each receptor location was calculated by (1) making a distance adjustment to the construction source sound level and (2) logarithmically adding the adjusted construction noise source level to the ambient noise level. Vibration levels are also provided in the guidance document, and were estimated using a similar methodology.

16.2.2.1 Significance Criteria

The maintenance site alternatives occur within four different jurisdictions. Because there is no threshold common to all of these jurisdictions, a widely-used, acceptable industry standard within the southern California region was used as a CEQA significance threshold. Based on this threshold, a significant construction noise impact would result if:

- The maintenance site alternatives cause the ambient noise level measured at the property line of the affected uses to increase by 3 decibels CNEL to or within the “normally unacceptable” or “clearly unacceptable” categories, as show in State Land Use Noise Compatibility Guidelines, or any 5-dBA or more increase in noise level.

The Cities of Los Angeles, Inglewood, Hawthorne, and Redondo Beach have not developed specific CEQA vibration significance thresholds for transportation projects.



17.0 GROWTH-INDUCING IMPACTS

17.1 Regulatory Framework

Federal. Implementation of the NEPA requires agencies implementing federal activities and programs to examine the indirect consequences, or secondary impacts, which may occur in areas beyond the immediate influence of a proposed action and at some time in the future (40 CFR 1508.8). Secondary impacts may include changes in land use, economic vitality, and population density. These are all elements of growth.

State. CEQA guidelines, Section 15126.2(d), require that environmental documents “discuss the ways in which the proposed Project could foster economic or population growth, or the construction of additional housing, either directly or indirectly, in the surrounding environment.” Growth inducing impacts also include removing obstacles to growth and can include changes in the amount and distribution of growth.

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18.0 CUMULATIVE IMPACTS

“Cumulative impacts” refers to two or more individual effects which, when considered together, are considerable or which compound or increase other environmental impacts. The individual effects may be changes resulting from a single project or a number of separate projects, whereas the cumulative impact is the change in the environment from the incremental impact of the project when added to other closely related past, present, and reasonably foreseeable future projects. Cumulative impacts can result from individually minor, but collectively significant, projects taking place over a period of time.

An adequate discussion of significant cumulative impacts involves analyzing either (1) “a list of past, present, and probable future projects producing related or cumulative impacts, including, if necessary, those projects outside the control of the agency”, or (2) “a summary of projections contained in an adopted general plan or related planning document, or in a prior environmental document which has been adopted or certified, which described or evaluated regional or area wide conditions contributing to the cumulative impact.”

This cumulative impact analysis relies on method (2) described above. This cumulative impact analysis incorporates the regional projections from the RTP. The maintenance site alternatives are within two of the 14 Subregions in SCAG’s planning area that consist of the City of Los Angeles and the South Bay Cities Council of Governments subregions. The RTP reflects transportation, population, employment, and land use data for the six-county SCAG area through the year 2035, and is, thus, an appropriate basis for the analysis of cumulative impacts.

The region wide impact analysis conducted in the RTP PEIR (SCH No. 2007061126, May 2008), serves as the basis for this analysis of cumulative impacts, per Section 15150 of the CEQA guidelines. SCAG states that lead agencies, such as the Los Angeles County Metropolitan Transportation Authority (Metro), may use the region-wide impact analysis contained in the RTP PEIR as the basis of their cumulative impact analysis. The RTP PEIR contains a thorough analysis of environmental impacts resulting from implementation of various transportation projects throughout SCAG’s six county region that encompasses approximately 38,000 square miles. Therefore, the RTP PEIR is used as the basis of this cumulative impact analysis and is hereby incorporated by reference per Section 15150 of CEQA guidelines. The SCAG RTP EIR found that there would be significant cumulative impacts in the following areas:

- Traffic, Circulation, and Parking
- Land Use and Development
- Open Space
- Public Services and Utilities
- Visual and Aesthetic
- Population, Housing, and Employment
- Historic, Archaeological and Paleontological
- Water Resources
- Energy
- Noise and Vibration
- Air Quality
- Ecosystems/Biological Resources
- Geotechnical/Subsurface/Seismic
- Hazards and Hazardous Materials

18.1 Regulatory Setting

The regulations established by the CEQ, regarding the implementation of the NEPA, define cumulative effects as those effects that result from incremental impacts of a proposed action when added to past, present, and reasonably foreseeable future actions, regardless of which agency (federal or nonfederal) or person undertakes such actions.

Section 15355 of the CEQA guidelines (2005) defines cumulative impacts as two or more individual effects which, when considered together, are considerable or which compound or increase other environmental impacts. Cumulative effects can result from individually minor, but collectively significant actions that take place over a period of time (40 CFR 1508.7).

The process used in this cumulative impact analysis follows the guidelines provided in “Considering Cumulative Effects under NEPA” (CEQ, January 1997). The analysis in this chapter is also consistent with CEQA guidelines, Section 15130(b)(1), which directs cumulative impact analyses to include “a summary of projections contained in an adopted general plan or related planning document, or in a prior environmental document which has been adopted or certified, which described or evaluated regional or area wide conditions contributing to the cumulative impact.”



19.0 ENVIRONMENTAL JUSTICE

Environmental justice refers to the potential for disproportionate impacts on minority and low-income communities. This section describes the existing conditions related to environmental justice indicators within the study area. A discussion of the federal and State environmental justice regulations is provided along with demographic and socioeconomic profiles of the maintenance yard areas. The potential impacts to minority, low-income, elderly, and LEP communities will be assessed to determine if a disproportionate share of the proposed Project impacts will be placed on these communities.

19.1 Regulatory Framework

19.1.1 Federal

Executive Order 12898 requires federal agencies to achieve environmental justice by “identifying and addressing the social and economic effects of their programs, policies, and activities on minority populations and low-income populations in the United States.” As Executive Order 12898 applies to the USEPA, environmental justice is the *fair treatment* and *meaningful involvement* of all people regardless of race, color, national origin, or income, with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies. Fair treatment means that no group of people, including a racial, ethnic, or socioeconomic group, should bear a disproportionate share of the negative environmental consequences resulting from industrial, municipal, and commercial operations or policies. Meaningful involvement means that: (1) potentially affected community residents have an appropriate opportunity to participate in decisions about a proposed activity that will affect their environment and/or health; (2) the public's contributions can influence the regulatory agency's decision; (3) the concerns of all participants will be considered in the decision-making process; and, (4) the decision-makers shall seek out and facilitate the involvement of those potentially affected groups.

In response to Executive Order 12898, the USDOT issued an Order to Address Environmental Justice in Minority Populations and Low-Income Populations. This order, issued in April 1995, sets guidelines to ensure that all federally-funded transportation-related programs, policies, or activities that have the potential to adversely affect human health or the environment involve a planning and programming process that explicitly considers the effects on minority populations and low-income populations. Also, under Executive Order 12898, minority populations identified should either be: (a) the minority population of the affected area exceeds 50 percent or (b) the minority population percentage of the affected area is meaningfully greater than the minority population percentage in the general population or other appropriate unit of geographic analysis. Furthermore, the USDOT issued Order 5610.2 and subsequent guidance that defines and provides guidance for environmental justice issues as they apply to projects.

Executive Order 13166 requires federally assisted programs to identify any need for services to those persons with LEP and develop and implement a system to provide those services so LEP persons can have meaningful access to them. Executive Order 13166 has

a two-fold purpose. First, it provides enforcement and implementation of an existing obligation under Title VI of the Civil Rights Act of 1964 which prohibits recipients of federal financial assistance from discriminating based on national origins by failing to provide meaningful access to LEP individuals. Secondly, Executive Order 13166 sets forth a new obligation, which requires that all federal agencies meet the same standards as federal financial assistance recipients to provide meaningful access to LEP individuals to federally conducted programs. Additionally, like Executive Order 12898, each federal agency must develop a plan to provide this access. Meaningful access can include availability of vital documents, printed and internet-based information in one or more languages, depending on the location of the project, and translation services during public meetings. The Age Discrimination Act of 1975 prohibits the discrimination based on age of individuals from having meaningful access and participating in federally funded programs.

19.1.2 State

Following the lead of the environmental justice provisions at the federal level, a series of laws, beginning in 1999, have been enacted in California to implement environmental justice. The OPR has been designated the “coordinating agency in state government for environmental justice programs.” As part of its new environmental justice coordinator role, the OPR must now incorporate environmental justice considerations into local government planning decisions. California law requires the OPR to coordinate with federal agencies regarding environmental justice based on Executive Order 12898.

19.1.3 Local

Metro includes guidelines and planning policies regarding environmental justice issues in its current LRTP. Metro’s 2008 LRTP evaluates how much additional transit service would be provided in areas with high transit dependency and minority and low-income populations. The 2008 LRTP includes extensive transit investments and includes policies about placement of these investments in proximity to areas with minority and lower-income populations and to job opportunities that support those areas.



20.0 ADDITIONAL FEDERAL REQUIREMENTS AND NEPA CONSIDERATIONS

20.1 Regulatory Setting

Short Term Uses vs Long Term Productivity. NEPA requires consideration of the relationship between short-term uses of the environment and long-term productivity associated with a Proposed Action. This involves the consideration of whether a Proposed Action is sacrificing a resource value that might benefit the environment in the long term, or some short-term value to the sponsor or the public.

Irreversible and Irretrievable Resources. NEPA requires that an environmental analysis include identification of any irreversible and irretrievable commitments of resources should a project be implemented. Irreversible and irretrievable commitments of resources are related to the use of non-renewable resources and the effects that the uses of these resources will have on future generations. Irreversible effects result from the use or destruction of a specific resource that cannot be replaced within a reasonable time frame. Such resources include, but are not limited to soils, minerals, wetlands and energy. Irretrievable commitments of resources result from the permanent loss of production or use of a resource that cannot be restored as a result of a decision. Examples include the extinction of a threatened or endangered species or the disturbance of a cultural site.

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