

## Appendix B

### Health Risk Assessment



## Memorandum

TO: Ramin Kianfar  
Housing Authority of the City of Los Angeles

FROM: Sam Silverman, Senior Associate  
Terry A. Hayes Associates Inc.

DATE: July 18, 2011

RE: **Jordan Downs Specific Plan Air Quality Health Risk Assessment**

Terry A. Hayes Associates Inc. (TAHA) completed a Health Risk Assessment (HRA) for the Jordan Downs Specific Plan. This memorandum summarizes the protocol used to evaluate the health risks associated with each emitting source and presents the results of the HRA.

### Source Identification and Characterization

TAHA identified sources of toxic air contaminants (TAC) within 0.25 miles of the project site based on guidance provided by the South Coast Air Quality Management District (SCAQMD). The SCAQMD has developed a web tool that allows the user to search for public information about regulated facilities (i.e., facilities that are required to have a permit to operate equipment that releases pollutants into the air). The system is called FIND (Facility INformation Detail). TAHA also completed a site walk to verify the existence of the FIND facilities and to identify unpermitted facilities in the project area (e.g., warehouses). **Table 1** identifies eight sources of TAC emissions were identified for the detailed HRA analysis. These sources are mapped in **Figure 1**.

### Exposure Quantification

Pollutant emission rates were input into the AMS/EPA Regulatory Model (AERMOD) to obtain annual exposure concentrations. AERMOD was specially designed to support the federal regulatory modeling programs. It is a steady-state Gaussian plume model for estimating ground level impacts from point (e.g., stacks and isolated vents), area (e.g., storage piles and lagoons), and volume (e.g., e.g., industrial sources, such as building roof monitors, multiple vents, and conveyer belts) sources in simple (e.g., flat) and complex (e.g., topographically varied) terrain. One of the key assumptions of this model is that over short periods of time (such as a few hours) steady conditions exist with regard to air pollutant emissions and meteorological changes. The term Gaussian plume refers to the mathematical algorithm that predicts the spread of air pollution based on metrological conditions and source characterizes (e.g., release height). The model offers additional flexibility by allowing the user to assign initial vertical and lateral dispersion parameters for stationary sources. The vertical and lateral parameters define the size of the plume from the source.



TABLE 1: SOURCES OF TOXIC AIR CONTAMINANT EMISSIONS					
Facility Name	Address	Equipment Description	Permit Status	Included in the HRA?	Notes
<b>Permitted Facilities</b>					
Jones Lumber Company (SCAQMD ID 6438)	10711 S. Alameda St., Lynwood, CA	Storage & Dispensing Gasoline (Permit N23443)	Active	No	The facility dispenses diesel fuel. Diesel fuel is not a volatile compound compared to other compounds assessed in this study and was not included in the analysis.
		Storage & Dispensing Gasoline (Permit N17526)	Inactive	No	
		Storage Tank Gasoline (Permit N03546)	Inactive	No	
		Storage & Dispensing Gasoline (Permit M88558)	Inactive	No	
		Amine Treating (Permit M88558)	Inactive	No	
		Diesel Trucks	N/A	Yes	
		Diesel Equipment	N/A	Yes	
American Apparel Garment Dye House (SCAQMD ID 154964)	2654 Sequoia Dr., South Gate, CA	Boiler (Permit F97202)	Active	Yes	TAHA spoke with American Apparel staff regarding the spray booths. The spray booths have not been active for over one year and there are no plans to use the booths.
		Spray Booth Other (Permit F97209)	Active	No	
		Spray Booth Other (Permit F97210)	Active	No	
		Spray Booth Other (Permit F97211)	Active	No	
		Spray Booth Other (Permit F97212)	Active	No	
Exxonmobil Oil (SCAQMD ID 155207)	9527 S. Alameda St., Los Angeles, CA	Soil Treat Vapor Extract (Permit F97530)	Active	No	TAHA visited the site and the extraction system is no longer active.
<b>Unpermitted Facilities</b>					
Atlas Scrap Metal Processing Facility	10019 S. Alameda St, Los Angeles, CA	Diesel Trucks	N/A	Yes	
		Diesel Equipment	N/A	Yes	
Eastern Industrial Area	See Figure 1	Diesel Trucks	N/A	Yes	
Southern Industrial Area	See Figure 1	Diesel Trucks	N/A	Yes	
Northern Industrial Area	See Figure 1	Diesel Trucks	N/A	Yes	
Alameda Corridor	See Figure 1	Diesel Trains	N/A	Yes	
<b>SOURCE:</b> TAHA, 2011.					

Various sources were used to estimate TAC emission rates for input into AERMOD. Truck diesel particulate matter (DPM) emissions were estimated using the California Air Resources Board's (CARB) EMFAC2007 model. EMFAC2007 is the latest emission inventory model 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. DPM emissions were obtained from heavy-duty truck idle emissions. Equipment DPM emissions were obtained from the CARB OFFROAD2007 model. Diesel particulate matter was assumed to be 92 percent of total particulate matter. These emission rates along with release heights and variable emission hours were input into AERMOD. Modeling parameters are shown in **Table 2**.

<b>TABLE 2: AERMOD PARAMETERS</b>			
<b>Source</b>	<b>Emission Rate (grams/second)</b>	<b>Release Height (meters)</b>	<b>Time (Hours/Days)</b>
Jones Lumber – Trucks	3.23E-04	5	11/5
Jones Lumber - Equipment	8.11E-03	1	4/5
American Apparel - Boiler	9.35E-03	12	24/7
Atlas Scrap Metal - Trucks	1.78E-04	5	10/6
Atlas Scrap Metal - Equipment	4.27E-03	5	4/6
Eastern Industrial Area	1.48E-04	5	24/7
Southern Industrial Area	7.41E-05	5	24/7
Northern Industrial Area	3.70E-05	5	24/7
Alameda Corridor		0	24/7
<b>SOURCE:</b> TAHA, 2011.			

### **Risk Characterization**

Carcinogenic compounds are not considered to have threshold levels (i.e., dose levels below which there are no risks). Any exposure, therefore, will have some associated risk. As a result, the State of California has established a threshold of one in one hundred thousand (1.0E-05) as a level posing no significant risk for exposures to carcinogens regulated under the Safe Drinking Water and Toxic Enforcement Act (Proposition 65).

Health risks associated with exposure to carcinogenic compounds can be defined in terms of the probability of developing cancer as a result of exposure to a chemical at a given concentration. The carcinogenic risk was calculated based on the California Air Pollution Control Officers Association (CAPCOA) *Health Risk Assessments for Proposed Land Use Projects* (July 2009). According to this document, the cancer risk can be estimated from the following equation:

$$\text{Cancer Risk} = Si * Ci * DBR * A * EF * ED * 10^{-6} / AT$$

Where,

Si = Cancer Potency Slope Factor

Ci = Concentration

DBR = Daily Breathing Rate

A = Inhalation Absorption Rate

EF = Exposure Frequency

ED = Exposure Duration

AT = Averaging Time

The cancer potency factors were obtained from California Office of Environmental Health Hazard Assessment (OEHHA) guidance. OEHHA also requires that residential receptors be analyzed over a 70-year exposure period.

An evaluation of the potential noncancer effects of chronic and acute chemical exposures was also conducted. Adverse health effects were evaluated by comparing the annual ground level concentration of each chemical compound with the appropriate Reference Exposure Level (REL). Available REL's promulgated by OEHHA were considered in the assessment.

To quantify noncarcinogenic impacts, the hazard index was used. The hazard index assumes that chronic exposures adversely affect a specific organ or organ system (toxicological endpoint). For each discrete chemical exposure, target organs (e.g., lungs) were utilized. To calculate the hazard index, each chemical concentration or dose is divided by the appropriate toxicity value. For compounds affecting the same organ, this ratio is summed. Where the total equals or exceeds one, a health hazard is presumed to exist. According to *Health Risk Assessments for Proposed Land Use Projects* (July 2009), noncarcinogenic impacts risk can be estimated from the following equation:

$$\text{Hazard Quotient} = C_i / \text{REL}$$

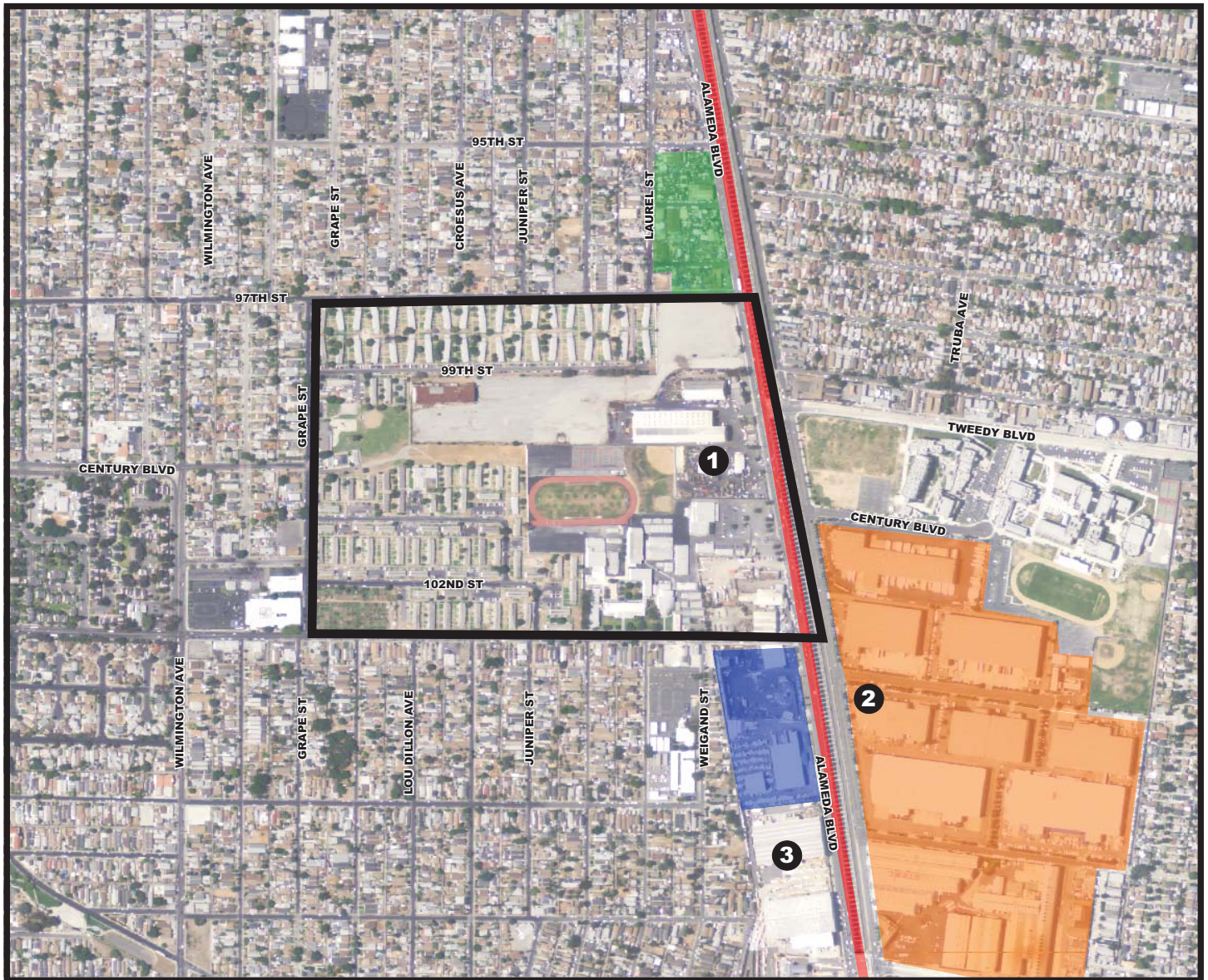
Where,

$C_i$  = Concentration

REL = Reference Exposure Level

## Results

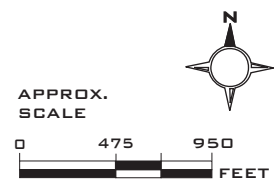
**Figure 2** is a contour map showing exposure concentrations across the project site. The results of the analysis indicate that the carcinogenic, chronic, or acute risk at new residential land uses would not exceed the risk thresholds. It is anticipated that the maximum carcinogenic risk over a 70-year exposure period would be 7.0E-06 persons in one million. This risk is less than the ten persons in one million significance threshold. In addition, the Hazard Index would be less than one at each toxicological endpoint. Thus, chronic and acute risk would also result in less-than-significant impacts.



LEGEND:  Specific Plan Area

- |   |                          |   |                          |
|---|--------------------------|---|--------------------------|
| <span style="background-color: red; display: inline-block; width: 20px; height: 10px; vertical-align: middle;"></span>  | Alameda Corridor         | <span style="background-color: green; display: inline-block; width: 20px; height: 10px; vertical-align: middle;"></span>  | Northern Industrial Area |
| <span style="background-color: blue; display: inline-block; width: 20px; height: 10px; vertical-align: middle;"></span> | Southern Industrial Area | <span style="background-color: orange; display: inline-block; width: 20px; height: 10px; vertical-align: middle;"></span> | Eastern Industrial Area  |

- # Toxic Air Contaminant Emissions Sources
1. Atlas Scrap Metal Processing Facility
  2. American Apparel Garment Dye House
  3. Jones Lumber Company



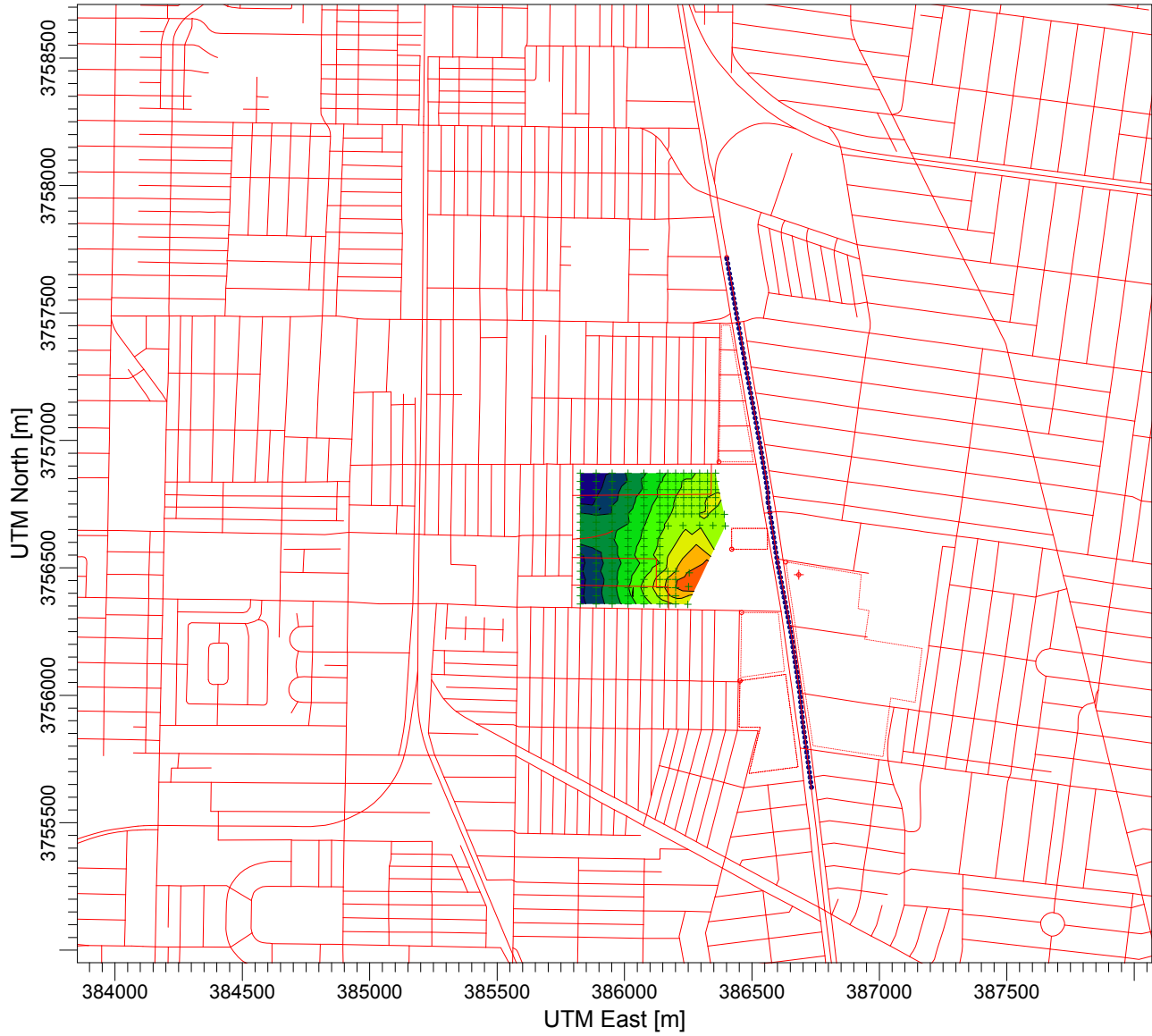
SOURCE: TAHA, 2011.

FIGURE 1

TOXIC AIR CONTAMINANT EMISSIONS SOURCES

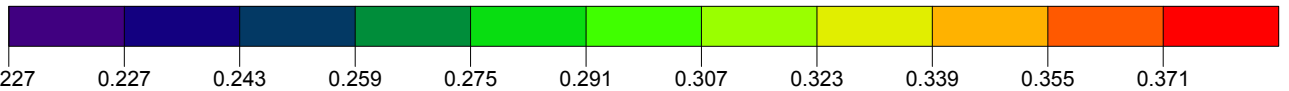
PROJECT TITLE:

**Jordan Downs Health Risk Assessment  
Figure 2 - Contour Lines**



PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: AMERICAN

ug/m<sup>3</sup>



COMMENTS:

SOURCES:

**9**

RECEPTORS:

**163**

OUTPUT TYPE:

**Concentration**

MAX:

**0.37115 ug/m<sup>3</sup>**

SCALE:

**1:26,505**

0



1 km

PROJECT NO.:

**2008-079**

Quantification of Carcinogenic Risks and Noncarcinogenic Hazards

Source	Annual Conc (ug/m3)	Weight Fraction	Contaminant	Carcinogenic Hazard		Noncarcinogenic Hazard / Toxicological Endpoints*										Acute / Toxicological Endpoints*													
				SI	RISK	REL	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES	1-Hour Conc. (ug/m3)	REL (ug/m3)	RID (mg/kg-day)	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES				
						(ug/m3)																							
American Apparel - Boiler	0.02047	8.00E-02	Formaldehyde	2.1E-02	1.2E-07	9.0E+00	1.8E-04									1.8E-04	0.31771	5.5E+01	1.6E-02									9.8E-06	4.6E-04
		4.00E-02	Benzene	1.0E-01	5.9E-07	6.0E-01		1.4E-05										1.3E-03	3.7E-01										
		3.00E-02	Toluene			3.0E-02		1.4E-06	1.4E-05									3.7E+04	1.1E+01	1.7E-07	1.7E-07								
Jones Lumber - Trucks	0.00005	1.00E+00	Diesel Particulate Matter	1.1E+00	1.6E-08	5.0E+00	1.0E-05																						
Jones Lumber - Equipment	0.00034	1.00E+00	Diesel Particulate Matter	1.1E+00	1.1E-07	5.0E+00	6.8E-05																						
Alameda Corridor - Trains	0.00279	1.00E+00	Diesel Particulate Matter	1.1E+00	8.9E-07	5.0E+00	5.6E-04																						
Atlas Scrap Metal Processing - Trucks	0.00151	1.00E+00	Diesel Particulate Matter	1.1E+00	4.8E-07	5.0E+00	3.0E-04																						
Atlas Scrap Metal Processing - Equipment	0.01419	1.00E+00	Diesel Particulate Matter	1.1E+00	4.5E-06	5.0E+00	3.0E-04																						
Eastern Industrial Area - Trucks	0.00024	1.00E+00	Diesel Particulate Matter	1.1E+00	7.6E-08	5.0E+00	3.0E-04																						
Southern Industrial Area - Trucks	0.00019	1.00E+00	Diesel Particulate Matter	1.1E+00	6.1E-08	5.0E+00	3.0E-04																						
Northern Industrial Area - Trucks	0.00049	1.00E+00	Diesel Particulate Matter	1.1E+00	1.6E-07	5.0E+00	3.0E-04																						
<b>Total</b>					<b>7.0E-06</b>			<b>2.3E-03</b>	<b>1.5E-05</b>	<b>1.4E-05</b>	<b>0.0E+00</b>	<b>0.0E+00</b>	<b>0.0E+00</b>	<b>1.5E-05</b>	<b>1.8E-04</b>					<b>1.7E-07</b>	<b>1.7E-07</b>	<b>0.0E+00</b>	<b>0.0E+00</b>	<b>0.0E+00</b>	<b>0.0E+00</b>	<b>0.0E+00</b>	<b>9.8E-06</b>	<b>4.6E-04</b>	

\* Key to Toxicological Endpoints

- RESP Respiratory System
- CNS/PNS Central/Peripheral Nervous System
- CV/BL Cardiovascular/Blood System
- IMMUN Immune System
- KIDN Kidney
- GI/LV Gastrointestinal System/Liver
- REPRO Reproductive System (e.g., teratogenic and developmental effects)
- EYES Eye irritation and/or other effects

Cancer Risk = Si \* Ci \* DBR \* A \* EF \* ED \* 10<sup>-6</sup> / AT

- Si = Cancer Potency Slope Factor
  - Ci = Concentration
  - DBR = Daily Breathing Rate
  - A = Inhalation Absorption Rate
  - EF = Exposure Frequency
  - ED = Exposure Duration
  - AT = Averaging Time
- DBR 302 Si  
A 1  
EF 350  
ED 70  
AT 2550



JONES LUMBER YARD  
10711 S. Alameda Street

**IDLE EMISSIONS**       $(gr/idle-hr) * (min/day\ of\ idle) * (1\ day/660\ min) * (1\ hr/3600\ sec) = Daily\ Emissions\ (g/sec)$

<i>Emission Type</i>	<i>Emissions (g/idle-hr)</i>	<i>Time Idle (mins)</i>	<i>Truck Emissions (g/sec)</i>
<b>PM2.5</b>	0.512	1500	3.23E-04

Assumptions:      100 trucks per day idle for 15 minutes

**FORKLIFT EMISSIONS**      0.007 lbs/hr of total PM (OFFROAD2007)  
0.00644 lbs/hr of PM2.5  
8.11E-04 g/sec  
8.11E-03 g/sec total

Assumptions:      10 forklifts operating 4 hours per day

AMERICAN APPAREL GARMENT DYE HOUSE  
2654 Sequoia Dr.

Operation: Natural Gas Combustion

Equipment Rating:

BTU/Hour 1.47E+07

Emission Factor:

Pounds TOG/10<sup>6</sup> Cubic Feet 5.3

Emissions:

0.074 Lbs/Hour  
0.009349 gr/sec

Speciation:

		Compound Wt Fraction
Composite:	Formaldehyde	0.08
	Benzene	0.04
	Toluene	0.02
	n-Hexane	0.01
	Other (NOS)	0.85
	Total	1.000

0 0 0

Equipment Rating:

BTU/Hour 1.68E+07

Emission Factor:

Pounds TOG/10<sup>6</sup> Cubic Feet 5.3

Emissions: 0.085 Lbs/Hour

Speciation:

		Compound Wt Fraction	Compound Emissions
Composite:	Formaldehyde	0.08	0.007
	Benzene	0.04	0.003
	Toluene	0.02	0.002
	n-Hexane	0.01	0.001
	Other (NOS)	0.85	0.072
	Total		0.085

ATLAS SCRAP METAL PROCESSING FACILITY  
10019 S. Alameda Street

**IDLE EMISSIONS**  $(gr/idle-hr) * (min/day\ of\ idle) * (1\ day/600\ min) * (1\ hr/3600\ sec) = Daily\ Emissions\ (g/sec)$

<i>Emission Type</i>	<i>Emissions (g/idle-hr)</i>	<i>Time Idle (mins)</i>	<i>Truck Emissions (g/sec)</i>
<b>PM2.5</b>	0.512	750	1.78E-04

Assumptions: 50 trucks per day idle for 15 minutes

**EQUIPMENT EMISSIONS** 0.0184 lbs/hr of total PM (OFFROAD2007)  
0.016928 lbs/hr of PM2.5  
2.13E-03 g/sec  
4.27E-03 g/sec total

Assumptions: 2 excavators operating 4 hours per day

EASTERN INDUSTRIAL AREA

**IDLE EMISSIONS**       $(gr/idle-hr) * (min/day\ of\ idle) * (1\ day/1440\ min) * (1\ hr/3600\ sec) = Daily\ Emissions\ (g/sec)$

<i>Emission Type</i>	<i>Emissions (g/idle-hr)</i>	<i>Time Idle (mins)</i>	<i>Truck Emissions (g/sec)</i>
<b>PM2.5</b>	0.512	1500	1.48E-04

Assumptions:      100 trucks per day idle for 15 minutes

SOUTHERN INDUSTRIAL AREA

**IDLE EMISSIONS**       $(gr/idle-hr) * (min/day\ of\ idle) * (1\ day/1440\ min) * (1\ hr/3600\ sec) = Daily\ Emissions\ (g/sec)$

<i>Emission Type</i>	<i>Emissions (g/idle-hr)</i>	<i>Time Idle (mins)</i>	<i>Truck Emissions (g/sec)</i>
<b>PM2.5</b>	0.512	750	7.41E-05

Assumptions:      50 trucks per day idle for 15 minutes

NORTHERN INDUSTRIAL AREA

**IDLE EMISSIONS**       $(gr/idle-hr) * (min/day\ of\ idle) * (1\ day/1440\ min) * (1\ hr/3600\ sec) = Daily\ Emissions\ (g/sec)$

<i>Emission Type</i>	<i>Emissions (g/idle-hr)</i>	<i>Time Idle (mins)</i>	<i>Truck Emissions (g/sec)</i>
<b>PM2.5</b>	0.512	375	3.70E-05

Assumptions:      25 trucks per day idle for 15 minutes

### Train Particulate Emissions

Railroad Emissions - Entire Corridor				EMISSIONS (pounds/day)						
Vehicle Type	Round Trip (miles)	Trip Duration (hours)	Daily Trips (trips)	ROG	NOX	CO	SOX	PM10	PM2.5	CO2
Railcars	25.0	0.8	66	-	-	-	-	28.22	25.96	-

Railroad Emissions - Entire Corridor				EMISSIONS (grams/day)						
Vehicle Type	Round Trip (miles)	Trip Duration (hours)	Daily Trips (trips)	ROG	NOX	CO	SOX	PM10	PM2.5	CO2
Railcars	25.0	0.75	66	-	-	-	-	12,800.21	11,776.19	-

Railroad Emissions - Stretch Near Project				EMISSIONS (grams/day)						
Vehicle Type	Round Trip (miles)	Trip Duration (hours)	Daily Trips (trips)	ROG	NOX	CO	SOX	PM10	PM2.5	CO2
Railcars	1.3	0.04	66	-	-	-	-	670.73	617.07	-

Grams Per Hour  
1.081741058

Grams Per Second  
0.0003

#### Emissions Factors

bhp*	ROG	NOX	CO	SOX	PM	PM2.5	CO2
Switch locomotive 5444	0.00	0.00	0.00	0.00	0.05	0.04	0.00

#### Pounds

ROG	NOX	CO	SOX	PM10	PM2.5	CO2
0.00	0.00	0.00	0.00	0.57	0.52	0.00

#### Pounds

ROG	NOX	CO	SOX	PM10	PM2.5	CO2
0.00	0.00	0.00	0.00	258.59	237.90	0.00

\*Assumes 4 trains per day, with 1361 bhp per train, as indicated in *Alameda Corridor Air Quality Benefits Report* by Weston Solutions, Inc., 2005.

\*\*Emission rates obtained from USEPA's *Emission Factors for Locomotives*. Study assumes a mix of Tier 3 and 4 locomotives, as indicated in the Weston Solutions study, 2005.



# Jordan Downs Health Risk Assessment

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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 6.8.6
** Lakes Environmental Software Inc.
** Date: 4/20/2011
** File: J:\Projects\Jordan Downs Redevelopment Project 2008-079\Air Quality\HRA\AERMOD\HRA.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
TITLEONE Jordan Downs Health Risk Assessment
MODELOPT CONC NODRYDPLT NOWETDPLT FLAT
AVERTIME 1 ANNUAL
URBANOPT 9862049
FOLLWID TOXICS
RUNORNOT RUN
CO FINISHED
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** Line Source represented by Separated Volume Sources
**
-----
** LINE Source ID = TRAIN
** DESCRSRC Train
** Length of Side = 10.00
** Emission Rate = 0.0003
** Vertical Dimension = 0.00
** SZINIT = 0.00
** Nnodes = 12
**
** 38640.62, 3757717.75, 30.00, 0.00, 0.00
** 386465.45, 3757344.99, 30.00, 0.00, 9.22
** 386532.59, 3756979.17, 30.00, 0.00, 9.22
** 386562.69, 3756796.26, 30.00, 0.00, 9.22
** 386562.69, 3756759.22, 30.00, 0.00, 9.22
** 386569.64, 3756724.49, 30.00, 0.00, 9.22
** 386597.42, 3756536.95, 30.00, 0.00, 9.22
** 386641.41, 3756305.42, 30.00, 0.00, 9.22
** 386652.99, 3756242.91, 30.00, 0.00, 9.22
** 386687.72, 3756009.06, 30.00, 0.00, 9.22
** 386699.30, 3755890.98, 30.00, 0.00, 9.22
** 386734.02, 3755633.98, 30.00, 0.00, 0.00
**
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LOCATION L0000001 VOLUME 386401.479 3757712.822 0.0
LOCATION L0000002 VOLUME 386404.876 3757693.291 0.0
LOCATION L0000003 VOLUME 386408.273 3757673.760 0.0
LOCATION L0000004 VOLUME 386411.669 3757654.230 0.0
LOCATION L0000005 VOLUME 386415.066 3757634.699 0.0
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LOCATION L0000008 VOLUME 386425.256 3757576.107 0.0
LOCATION L0000009 VOLUME 386428.652 3757556.576 0.0
LOCATION L0000010 VOLUME 386432.049 3757537.045 0.0
LOCATION L0000011 VOLUME 386435.446 3757517.514 0.0
LOCATION L0000012 VOLUME 386438.842 3757497.983 0.0
LOCATION L0000013 VOLUME 386442.239 3757478.453 0.0
LOCATION L0000014 VOLUME 386445.636 3757458.922 0.0
LOCATION L0000015 VOLUME 386449.032 3757439.391 0.0
LOCATION L0000016 VOLUME 386452.429 3757419.860 0.0
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LOCATION L0000018 VOLUME 386459.222 3757380.799 0.0
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LOCATION L0000020 VOLUME 386466.016 3757341.743 0.0
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LOCATION L0000024 VOLUME 386480.602 3757263.628 0.0
LOCATION L0000025 VOLUME 386483.999 3757244.100 0.0
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LOCATION L0000030 VOLUME 386501.983 3757147.457 0.0
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LOCATION L0000035 VOLUME 386518.968 3757048.814 0.0
LOCATION L0000036 VOLUME 386522.365 3757029.286 0.0
LOCATION L0000037 VOLUME 386525.762 3757009.757 0.0
LOCATION L0000038 VOLUME 386529.159 3756989.228 0.0
LOCATION L0000039 VOLUME 386532.556 3756969.700 0.0
LOCATION L0000040 VOLUME 386535.953 3756949.171 0.0
LOCATION L0000041 VOLUME 386539.350 3756929.643 0.0
LOCATION L0000042 VOLUME 386542.747 3756909.114 0.0
LOCATION L0000043 VOLUME 386546.144 3756889.586 0.0
LOCATION L0000044 VOLUME 386549.541 3756870.057 0.0
LOCATION L0000045 VOLUME 386552.938 3756850.529 0.0
LOCATION L0000046 VOLUME 386556.335 3756830.000 0.0
LOCATION L0000047 VOLUME 386559.732 3756810.471 0.0
LOCATION L0000048 VOLUME 386563.129 3756790.943 0.0
LOCATION L0000049 VOLUME 386566.526 3756771.414 0.0
LOCATION L0000050 VOLUME 386569.923 3756751.886 0.0
LOCATION L0000051 VOLUME 386573.320 3756732.357 0.0
LOCATION L0000052 VOLUME 386576.717 3756712.828 0.0
LOCATION L0000053 VOLUME 386580.114 3756693.300 0.0
LOCATION L0000054 VOLUME 386583.511 3756673.771 0.0
LOCATION L0000055 VOLUME 386586.908 3756654.243 0.0
LOCATION L0000056 VOLUME 386590.305 3756634.714 0.0
LOCATION L0000057 VOLUME 386593.702 3756615.186 0.0
LOCATION L0000058 VOLUME 386597.099 3756595.657 0.0
LOCATION L0000059 VOLUME 386600.496 3756576.128 0.0
LOCATION L0000060 VOLUME 386603.893 3756556.600 0.0
LOCATION L0000061 VOLUME 386607.290 3756536.071 0.0
LOCATION L0000062 VOLUME 386610.687 3756516.543 0.0
LOCATION L0000063 VOLUME 386614.084 3756496.014 0.0
LOCATION L0000064 VOLUME 386617.481 3756476.486 0.0
LOCATION L0000065 VOLUME 386620.878 3756456.957 0.0
LOCATION L0000066 VOLUME 386624.275 3756437.429 0.0
LOCATION L0000067 VOLUME 386627.672 3756417.900 0.0
LOCATION L0000068 VOLUME 386631.069 3756398.372 0.0
LOCATION L0000069 VOLUME 386634.466 3756378.844 0.0
LOCATION L0000070 VOLUME 386637.863 3756359.315 0.0
LOCATION L0000071 VOLUME 386641.260 3756339.787 0.0
LOCATION L0000072 VOLUME 386644.657 3756319.258 0.0
LOCATION L0000073 VOLUME 386648.054 3756299.730 0.0
LOCATION L0000074 VOLUME 386651.451 3756279.201 0.0
LOCATION L0000075 VOLUME 386654.848 3756259.673 0.0
LOCATION L0000076 VOLUME 386658.245 3756239.144 0.0
LOCATION L0000077 VOLUME 386661.642 3756219.616 0.0
LOCATION L0000078 VOLUME 386665.039 3756199.087 0.0
LOCATION L0000079 VOLUME 386668.436 3756179.559 0.0
LOCATION L0000080 VOLUME 386671.833 3756159.030 0.0
LOCATION L0000081 VOLUME 386675.230 3756139.502 0.0
LOCATION L0000082 VOLUME 386678.627 3756119.974 0.0
LOCATION L0000083 VOLUME 386682.024 3756099.445 0.0
LOCATION L0000084 VOLUME 386685.421 3756079.917 0.0
LOCATION L0000085 VOLUME 386688.818 3756060.389 0.0
LOCATION L0000086 VOLUME 386692.215 3756040.860 0.0
LOCATION L0000087 VOLUME 386695.612 3756021.332 0.0
LOCATION L0000088 VOLUME 386699.009 3756001.804 0.0
LOCATION L0000089 VOLUME 386702.406 3755982.275 0.0
LOCATION L0000090 VOLUME 386705.803 3755962.747 0.0
LOCATION L0000091 VOLUME 386709.200 3755943.219 0.0
LOCATION L0000092 VOLUME 386712.597 3755923.690 0.0
LOCATION L0000093 VOLUME 386715.994 3755904.162 0.0
LOCATION L0000094 VOLUME 386719.391 3755884.634 0.0
LOCATION L0000095 VOLUME 386722.788 3755865.105 0.0
LOCATION L0000096 VOLUME 386726.185 3755845.577 0.0
LOCATION L0000097 VOLUME 386729.582 3755826.049 0.0
LOCATION L0000098 VOLUME 386732.979 3755806.520 0.0
LOCATION L0000099 VOLUME 386736.376 3755786.992 0.0
LOCATION L0000100 VOLUME 386739.773 3755767.464 0.0
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# Jordan Downs Health Risk Assessment

LOCATION L000088	VOLUME	386687.179	3756012.697	0.0
LOCATION L000089	VOLUME	386689.295	3755992.990	0.0
LOCATION L000090	VOLUME	386691.229	3755973.260	0.0
LOCATION L000091	VOLUME	386693.163	3755953.531	0.0
LOCATION L000092	VOLUME	386695.097	3755933.802	0.0
LOCATION L000093	VOLUME	386697.032	3755914.072	0.0
LOCATION L000094	VOLUME	386698.966	3755894.343	0.0
LOCATION L000095	VOLUME	386701.498	3755874.683	0.0
LOCATION L000096	VOLUME	386704.153	3755855.038	0.0
LOCATION L000097	VOLUME	386706.807	3755835.393	0.0
LOCATION L000098	VOLUME	386709.462	3755815.747	0.0
LOCATION L000099	VOLUME	386712.117	3755796.102	0.0
LOCATION L000100	VOLUME	386714.772	3755776.457	0.0
LOCATION L000101	VOLUME	386717.426	3755756.811	0.0
LOCATION L000102	VOLUME	386720.081	3755737.166	0.0
LOCATION L000103	VOLUME	386722.736	3755717.520	0.0
LOCATION L000104	VOLUME	386725.391	3755697.875	0.0
LOCATION L000105	VOLUME	386728.046	3755678.230	0.0
LOCATION L000106	VOLUME	386730.700	3755658.584	0.0
LOCATION L000107	VOLUME	386733.355	3755638.939	0.0
** End of Line Source				
LOCATION JLYEQP	AREAPOLY	386453.178	3756056.476	0.0
** DESCRSRC Jones Lumber Yard - Equipment				
LOCATION JLYTRK	AREAPOLY	386453.178	3756056.476	0.0
** DESCRSRC Jones Lumber Yard - Trucks				
LOCATION AMBLR	POINT	386683.385	3756472.840	0.0
** DESCRSRC American Apparel - Boilers				
LOCATION ATLASEQP	AREA	386420.759	3756573.137	0.0
** DESCRSRC Atlas - Equipment				
LOCATION ATLASTRK	AREA	386420.759	3756573.137	0.0
** DESCRSRC Atlas - Trucks				
LOCATION EASTTRK	AREAPOLY	386632.541	3756522.674	0.0
** DESCRSRC Eastern Industrial Area				
LOCATION SOUTHTRK	AREAPOLY	386459.270	3756324.872	0.0
** DESCRSRC Southern Industrial Area				
LOCATION NORTTRK	AREAPOLY	386370.429	3756915.546	0.0
** DESCRSRC Northern Industrial Area				
** Source Parameters **				
SRCPARAM L000001	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000002	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000003	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000004	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000005	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000006	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000007	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000008	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000009	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000010	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000011	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000012	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000013	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000014	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000015	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000016	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000017	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000018	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000019	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000020	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000021	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000022	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000023	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000024	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000025	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000026	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000027	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000028	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000029	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000030	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000031	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000032	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000033	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000034	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000035	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000036	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000037	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000038	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000039	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000040	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000041	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000042	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000043	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000044	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000045	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000046	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000047	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000048	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000049	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000050	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000051	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000052	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000053	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000054	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000055	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000056	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000057	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000058	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000059	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000060	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000061	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000062	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000063	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000064	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000065	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000066	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000067	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000068	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000069	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000070	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000071	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000072	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000073	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000074	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000075	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000076	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000077	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000078	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000079	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000080	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000081	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000082	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000083	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000084	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000085	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000086	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000087	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000088	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000089	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000090	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000091	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000092	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000093	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000094	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000095	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000096	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000097	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000098	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000099	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000100	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000101	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000102	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000103	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000104	2.8037E-06	0.00	9.22	0.00
SRCPARAM L000105	2.8037E-06	0.00	9.22	0.00

# Jordan Downs Health Risk Assessment

SRCPARAM	L0000106	2.8037E-06	0.00	9.22	0.00				
SRCPARAM	L0000107	2.8037E-06	0.00	9.22	0.00				
SRCPARAM	JLYEQP	1.254E-07	1.000	6					
AREAVERT	JLYEQP	386453.178	3756056.476	386631.701	3756081.702				
AREAVERT	JLYEQP	386680.213	3755718.835	386488.107	3755693.609				
AREAVERT	JLYEQP	386532.737	3755874.073	386449.297	3755874.073				
SRCPARAM	JLYTRK	4.9396E-09	5.000	6	0.000				
AREAVERT	JLYTRK	386453.178	3756056.476	386631.701	3756081.702				
AREAVERT	JLYTRK	386680.213	3755718.835	386488.107	3755693.609				
AREAVERT	JLYTRK	386532.737	3755874.073	386449.297	3755874.073				
SRCPARAM	ABLER	0.009439	12.000	533.000	2.83100	0.600			
SRCPARAM	ATLASEQP	3.6934E-07	5.000	140.000	82.000	0.000			
SRCPARAM	ATLASTRK	1.5505E-08	5.000	140.000	82.000	0.000	0.000		
SRCPARAM	EASTTRKS	6.0674E-10	5.000	10					
AREAVERT	EASTTRKS	386632.541	3756522.674	386740.080	3755802.370				
AREAVERT	EASTTRKS	387013.998	3755759.760	387044.433	3755989.040				
AREAVERT	EASTTRKS	387139.798	3755972.808	387168.204	3756183.827				
AREAVERT	EASTTRKS	386942.982	3756220.349	386959.214	3756331.945				
AREAVERT	EASTTRKS	386916.605	3756340.062	386928.779	3756473.977				
SRCPARAM	SOUTHTRK	1.9343E-09	5.000	4					
AREAVERT	SOUTHTRK	386459.270	3756324.872	386455.669	3756070.353				
AREAVERT	SOUTHTRK	386627.348	3756094.364	386603.337	3756323.671				
SRCPARAM	NORTTRK	8.2041E-10	5.000	4					
AREAVERT	NORTTRK	386370.429	3756915.546	386504.891	3756915.546				
AREAVERT	NORTTRK	386413.649	3757452.196	386380.033	3757452.196				
URBANSRC	L0000001								
URBANSRC	L0000002								
URBANSRC	L0000003								
URBANSRC	L0000004								
URBANSRC	L0000005								
URBANSRC	L0000006								
URBANSRC	L0000007								
URBANSRC	L0000008								
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URBANSRC	L0000101								
URBANSRC	L0000102								
URBANSRC	L0000103								
URBANSRC	L0000104								
URBANSRC	L0000105								
URBANSRC	L0000106								
URBANSRC	ABLER								
URBANSRC	ATLASEQP								
URBANSRC	ATLASTRK								
URBANSRC	EASTTRKS								
URBANSRC	JLYEQP								
URBANSRC	JLYTRK								
URBANSRC	NORTTRK								
URBANSRC	SOUTHTRK								

\*\* Variable Emissions Type: 'By Hour-of-Day'  
\*\* Variable Emission Scenario: 'aablr'









# Jordan Downs Health Risk Assessment

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** AERMOD Receptor Pathway
*****
**
**
RE STARTING
** DESCRIBE "UCART1" "Receptors generated from Uniform Cartesian Grid"
DISCCART 385826.08 3756358.25
DISCCART 385888.52 3756358.25
DISCCART 385950.96 3756358.25
DISCCART 386013.40 3756358.25
DISCCART 386075.84 3756358.25
DISCCART 386138.28 3756358.25
DISCCART 386169.50 3756358.25
DISCCART 386200.72 3756358.25
DISCCART 385826.08 3756390.33
DISCCART 385888.52 3756390.33
DISCCART 385950.96 3756390.33
DISCCART 386013.40 3756390.33
DISCCART 386075.84 3756390.33
DISCCART 386138.28 3756390.33
DISCCART 386169.50 3756390.33
DISCCART 386200.72 3756390.33
DISCCART 385826.08 3756422.41
DISCCART 385888.52 3756422.41
DISCCART 385950.96 3756422.41
DISCCART 386013.40 3756422.41
DISCCART 386075.84 3756422.41
DISCCART 386138.28 3756422.41
DISCCART 386169.50 3756422.41
DISCCART 386200.72 3756422.41
DISCCART 385826.08 3756454.49
DISCCART 385888.52 3756454.49
DISCCART 385950.96 3756454.49
DISCCART 386013.40 3756454.49
DISCCART 386075.84 3756454.49
DISCCART 386138.28 3756454.49
DISCCART 386169.50 3756454.49
DISCCART 386200.72 3756454.49
DISCCART 385826.08 3756486.57
DISCCART 385888.52 3756486.57
DISCCART 385950.96 3756486.57
DISCCART 386013.40 3756486.57
DISCCART 386075.84 3756486.57
DISCCART 386138.28 3756486.57
DISCCART 386169.50 3756486.57
DISCCART 386200.72 3756486.57
DISCCART 385826.08 3756518.65
DISCCART 385888.52 3756518.65
DISCCART 385950.96 3756518.65
DISCCART 386013.40 3756518.65
DISCCART 386075.84 3756518.65
DISCCART 386138.28 3756518.65
DISCCART 385826.08 3756550.73
DISCCART 385888.52 3756550.73
DISCCART 385950.96 3756550.73
DISCCART 386013.40 3756550.73
DISCCART 386075.84 3756550.73
DISCCART 386138.28 3756550.73
DISCCART 385826.08 3756582.81
DISCCART 385888.52 3756582.81
DISCCART 385950.96 3756582.81
DISCCART 386013.40 3756582.81
DISCCART 386075.84 3756582.81
DISCCART 386138.28 3756582.81
DISCCART 385826.08 3756614.89
DISCCART 385888.52 3756614.89
DISCCART 385950.96 3756614.89
DISCCART 386013.40 3756614.89
DISCCART 386075.84 3756614.89
DISCCART 386138.28 3756614.89
DISCCART 385826.08 3756646.97
DISCCART 385888.52 3756646.97
DISCCART 385950.96 3756646.97
DISCCART 386013.40 3756646.97
DISCCART 386075.84 3756646.97
DISCCART 386138.28 3756646.97
DISCCART 385826.08 3756679.05
DISCCART 385888.52 3756679.05
DISCCART 385950.96 3756679.05
DISCCART 386013.40 3756679.05
DISCCART 386075.84 3756679.05
DISCCART 386138.28 3756679.05
DISCCART 385826.08 3756711.13
DISCCART 385888.52 3756711.13
DISCCART 385950.96 3756711.13
DISCCART 386013.40 3756711.13
DISCCART 386075.84 3756711.13
DISCCART 386138.28 3756711.13
DISCCART 386169.50 3756711.13
DISCCART 386200.72 3756711.13
DISCCART 386231.94 3756711.13
DISCCART 386263.16 3756711.13
DISCCART 386294.38 3756711.13
DISCCART 386325.60 3756711.13
DISCCART 386356.82 3756711.13
DISCCART 385826.08 3756743.21
DISCCART 385888.52 3756743.21
DISCCART 385950.96 3756743.21
DISCCART 386013.40 3756743.21
DISCCART 386075.84 3756743.21
DISCCART 386138.28 3756743.21
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DISCCART 386231.94 3756743.21
DISCCART 386263.16 3756743.21
DISCCART 386294.38 3756743.21
DISCCART 386325.60 3756743.21
DISCCART 386356.82 3756743.21
DISCCART 385826.08 3756775.29
DISCCART 385888.52 3756775.29
DISCCART 385950.96 3756775.29
DISCCART 386013.40 3756775.29
DISCCART 386075.84 3756775.29
DISCCART 386138.28 3756775.29
DISCCART 386169.50 3756775.29
DISCCART 386200.72 3756775.29
DISCCART 386231.94 3756775.29
DISCCART 386263.16 3756775.29
DISCCART 386294.38 3756775.29
DISCCART 386325.60 3756775.29
DISCCART 386356.82 3756775.29
DISCCART 385826.08 3756807.37
DISCCART 385888.52 3756807.37
DISCCART 385950.96 3756807.37
DISCCART 386013.40 3756807.37
DISCCART 386075.84 3756807.37
DISCCART 386138.28 3756807.37
DISCCART 386169.50 3756807.37
DISCCART 386200.72 3756807.37
DISCCART 386231.94 3756807.37
DISCCART 386263.16 3756807.37
DISCCART 386294.38 3756807.37
DISCCART 386325.60 3756807.37
DISCCART 386356.82 3756807.37
DISCCART 385826.08 3756839.45
DISCCART 385888.52 3756839.45
DISCCART 385950.96 3756839.45
DISCCART 386013.40 3756839.45
DISCCART 386075.84 3756839.45
DISCCART 386138.28 3756839.45
DISCCART 386169.50 3756839.45
DISCCART 386200.72 3756839.45
DISCCART 386231.94 3756839.45
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DISCCART 386263.16 3756839.45
DISCCART 386294.38 3756839.45
DISCCART 386325.60 3756839.45
DISCCART 386356.82 3756839.45
DISCCART 385826.08 3756871.53
DISCCART 385888.52 3756871.53
DISCCART 385950.96 3756871.53
DISCCART 386013.40 3756871.53
DISCCART 386075.84 3756871.53
DISCCART 386138.28 3756871.53
DISCCART 386169.50 3756871.53
DISCCART 386200.72 3756871.53
DISCCART 386231.94 3756871.53
DISCCART 386263.16 3756871.53
DISCCART 386294.38 3756871.53
DISCCART 386325.60 3756871.53
DISCCART 386356.82 3756871.53
** DESCREC **
DISCCART 386395.44 3756664.20
DISCCART 386391.14 3756710.42
DISCCART 386347.07 3756666.35
DISCCART 386294.39 3756667.42
DISCCART 386228.82 3756666.35
DISCCART 386170.77 3756664.20
DISCCART 386253.54 3756480.37
DISCCART 386251.39 3756426.62
DISCCART 386248.17 3756356.75
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
SURFFILE 'L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\lynn.SFC'
PROFFILE 'L:\Library & Reference\Wind Data\South Coast Air Basin\AERMOD Met Data\lynn.PFL'
SURFDATA 0 2005
VALRDATA 1190 2005
PROFBASE 10 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 1 1ST
** Auto-Generated Plotfiles
PLOTFILE 1 American 1ST HRA.AD\01H1G001.PLT
PLOTFILE ANNUAL American HRA.AD\AN00G001.PLT
PLOTFILE 1 AtlasEgp 1ST HRA.AD\01H1G002.PLT
PLOTFILE ANNUAL AtlasEgp HRA.AD\AN00G002.PLT
PLOTFILE 1 Eastern 1ST HRA.AD\01H1G003.PLT
PLOTFILE ANNUAL Eastern HRA.AD\AN00G003.PLT
PLOTFILE 1 JonesTrk 1ST HRA.AD\01H1G004.PLT
PLOTFILE ANNUAL JonesTrk HRA.AD\AN00G004.PLT
PLOTFILE 1 Northern 1ST HRA.AD\01H1G005.PLT
PLOTFILE ANNUAL Northern HRA.AD\AN00G005.PLT
PLOTFILE 1 Southern 1ST HRA.AD\01H1G006.PLT
PLOTFILE ANNUAL Southern HRA.AD\AN00G006.PLT
PLOTFILE 1 Train 1ST HRA.AD\01H1G007.PLT
PLOTFILE ANNUAL Train HRA.AD\AN00G007.PLT
PLOTFILE 1 AtlasTrk 1ST HRA.AD\01H1G008.PLT
PLOTFILE ANNUAL AtlasTrk HRA.AD\AN00G008.PLT
PLOTFILE 1 JonesEgp 1ST HRA.AD\01H1G009.PLT
PLOTFILE ANNUAL JonesEgp HRA.AD\AN00G009.PLT
OU FINISHED

*** Message Summary For AERMOD Model Setup ***
----- Summary of Total Messages -----
A Total of 0 Fatal Error Message(s)
A Total of 107 Warning Message(s)
A Total of 0 Informational Message(s)

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

***** WARNING MESSAGES *****
SO W320 182 VPARAM :Input Parameter May Be Out-of-Range for Parameter SZINIT
SO W320 183 VPARAM :Input Parameter May Be Out-of-Range for Parameter SZINIT
SO W320 184 VPARAM :Input Parameter May Be Out-of-Range for Parameter SZINIT
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SO W320 239 VPARAM :Input Parameter May Be Out-of-Range for Parameter SZINIT
SO W320 240 VPARAM :Input Parameter May Be Out-of-Range for Parameter SZINIT
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SO W320 288 VPARAM :Input Parameter May Be Out-of-Range for Parameter SZINIT
*****
*** SETUP Finishes Successfully ***
*****
*** AERMOD - VERSION 09292 ***      *** Jordson Downs Health Risk Assessment      ***      04/20/11
***                                     ***                                     ***      17:48:03
***                                     ***                                     ***      PAGE 1

**MODELOPTS: NonDEFAULT CONC          FLAT
NODRYDPLT NOWETDPLT
*****
***      MODEL SETUP OPTIONS SUMMARY      ***
*****
-- 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 115 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 Calm 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: 115 Source(s); 9 Source Group(s); and 163 Receptor(s)
**The Model Assumes A Pollutant Type of: TOXICS
**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 ***      *** Jordson Downs Health Risk Assessment      ***      04/20/11
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***                                     ***                                     ***      PAGE 2

**MODELOPTS: NonDEFAULT CONC          FLAT
NODRYDPLT NOWETDPLT
*****
*** POINT SOURCE DATA ***
SOURCE      NUMBER EMISSION RATE      BASE      STACK      STACK      STACK      STACK      BLDG      URBAN      CAP/      EMIS RATE
ID          PART. (GRAMS/SEC)          X          Y          ELEV.      HEIGHT      TEMP.      EXIT VEL. DIMETER      EXISTS SOURCE HOR      SCALAR
CATS.      (METERS) (METERS) (METERS) (METERS) (DEG.K) (M/SEC) (METERS)
-----
ABLR      0 0.94390E-02      386683.4 3756472.8      10.0      12.00      533.00      2.83      0.60      NO      YES      NO      HROFFDY
*** AERMOD - VERSION 09292 ***      *** Jordson Downs Health Risk Assessment      ***      04/20/11
***                                     ***                                     ***      17:48:03
***                                     ***                                     ***      PAGE 3

**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)
-----
L0000001      0 0.28037E-05      386401.5 3757712.8      10.0      0.00      9.22      0.00      YES      HROFFDY
L0000002      0 0.28037E-05      386404.9 3757693.3      10.0      0.00      9.22      0.00      YES      HROFFDY
L0000003      0 0.28037E-05      386408.3 3757673.8      10.0      0.00      9.22      0.00      YES      HROFFDY
L0000004      0 0.28037E-05      386411.7 3757654.2      10.0      0.00      9.22      0.00      YES      HROFFDY

```

Jordan Downs Health Risk Assessment

Table with columns for source ID, part, emission rate, X, Y, base elev., release height, init. sv, init. sv, urban source, and emission rate scalar vary. Contains 40 rows of data for sources L0000005 through L0000040.

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\*\*MODELOPTS: NonDEFAULT CONC
FLAT
NODRYDPLT NOMETDPLT

\*\*\* VOLUME SOURCE DATA \*\*\*

Table with columns for source ID, part, emission rate, X, Y, base elev., release height, init. sv, init. sv, urban source, and emission rate scalar vary. Contains 40 rows of data for sources L0000041 through L0000080.

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\*\*MODELOPTS: NonDEFAULT CONC
FLAT
NODRYDPLT NOMETDPLT

\*\*\* VOLUME SOURCE DATA \*\*\*

Table with columns for source ID, part, emission rate, X, Y, base elev., release height, init. sv, init. sv, urban source, and emission rate scalar vary. Contains 20 rows of data for sources L0000081 through L0000107.

\*\*\* AERMOD - VERSION 9292 \*\*\*
\*\*\* Jordan Downs Health Risk Assessment \*\*\*
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\*\*MODELOPTS: NonDEFAULT CONC
FLAT
NODRYDPLT NOMETDPLT

\*\*\* AREA SOURCE DATA \*\*\*

Table with columns for source ID, part, emission rate, coord (sw corner), base elev., release height, x-dim of area, y-dim of area, orient. of area, init. sv, urban source, and emission rate scalar vary.

# Jordan Downs Health Risk Assessment

```

-----
  ATLASEQP 0 0.36934E-06 386420.8 3756573.1 10.0 5.00 140.00 82.00 0.00 0.00 YES HRDOW7
  ATLASTRK 0 0.15505E-07 386420.8 3756573.1 10.0 5.00 140.00 82.00 0.00 0.00 YES HRDOW7
*** AERMOD - VERSION 09292 *** *** Jordan Downs Health Risk Assessment *** 04/20/11
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***                                     ***                                     *** PAGE 7
  
```

```

**MODELOPTs: NonDEFAULT CONC                                     FLAT
                                                           NODRYDPLT NOWETDPLT
  
```

\*\*\* AREAPOLY SOURCE DATA \*\*\*

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE /METER**2	LOCATION OF AREA (METERS)	AREA (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
JLYEQP	0	0.12540E-06	386453.2	3756056.5	10.0	1.00	6	0.00	YES	HRDOW7
JLYTRK	0	0.49960E-08	386453.2	3756056.5	10.0	5.00	6	0.00	YES	HRDOW7
EASTTRKS	0	0.60674E-09	386632.5	3756522.7	10.0	5.00	10	0.00	YES	HRDOW7
SOUTHTRK	0	0.19343E-08	386459.3	3756324.9	10.0	5.00	4	0.00	YES	HRDOW7
NORTTRK	0	0.82041E-09	386370.4	3756915.5	10.0	5.00	4	0.00	YES	HRDOW7

```

*** AERMOD - VERSION 09292 *** *** Jordan Downs Health Risk Assessment *** 04/20/11
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***                                     ***                                     *** PAGE 8
  
```

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**MODELOPTs: NonDEFAULT CONC                                     FLAT
                                                           NODRYDPLT NOWETDPLT
  
```

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

```

GROUP ID                                     SOURCE IDs
-----
AMERICAN AABLR ,
ATLASEQP ATLASEQP,
EASTTRK EASTTRK,
JONESTRK JLYTRK ,
NORTHERN NORTTRK ,
SOUTHERN SOUTHTRK,

TRAIN L0000001, L0000002, L0000003, L0000004, L0000005, L0000006, L0000007, L0000008, L0000009, L0000010, L0000011, L0000012,
L0000013, L0000014, L0000015, L0000016, L0000017, L0000018, L0000019, L0000020, L0000021, L0000022, L0000023, L0000024,
L0000025, L0000026, L0000027, L0000028, L0000029, L0000030, L0000031, L0000032, L0000033, L0000034, L0000035, L0000036,
L0000037, L0000038, L0000039, L0000040, L0000041, L0000042, L0000043, L0000044, L0000045, L0000046, L0000047, L0000048,
L0000049, L0000050, L0000051, L0000052, L0000053, L0000054, L0000055, L0000056, L0000057, L0000058, L0000059, L0000060,
L0000061, L0000062, L0000063, L0000064, L0000065, L0000066, L0000067, L0000068, L0000069, L0000070, L0000071, L0000072,
L0000073, L0000074, L0000075, L0000076, L0000077, L0000078, L0000079, L0000080, L0000081, L0000082, L0000083, L0000084,
L0000085, L0000086, L0000087, L0000088, L0000089, L0000090, L0000091, L0000092, L0000093, L0000094, L0000095, L0000096,
L0000097, L0000098, L0000099, L0000100, L0000101, L0000102, L0000103, L0000104, L0000105, L0000106, L0000107,
  
```

```

ATLASTRK ATLASTRK,

JONESEQP JLYEQP ,
*** AERMOD - VERSION 09292 *** *** Jordan Downs Health Risk Assessment *** 04/20/11
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***                                     ***                                     *** PAGE 9
  
```

```

**MODELOPTs: NonDEFAULT CONC                                     FLAT
                                                           NODRYDPLT NOWETDPLT
  
```

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = L0000001 ; SOURCE TYPE = VOLUME :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.10000E+01	20	.10000E+01	21	.10000E+01	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = L0000002 ; SOURCE TYPE = VOLUME :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.10000E+01	20	.10000E+01	21	.10000E+01	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = L0000003 ; SOURCE TYPE = VOLUME :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.10000E+01	20	.10000E+01	21	.10000E+01	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = L0000004 ; SOURCE TYPE = VOLUME :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.10000E+01	20	.10000E+01	21	.10000E+01	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = L0000005 ; SOURCE TYPE = VOLUME :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.10000E+01	20	.10000E+01	21	.10000E+01	22	.10000E+01	23	.10000E+01	24	.10000E+01

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**MODELOPTs: NonDEFAULT CONC                                     FLAT
                                                           NODRYDPLT NOWETDPLT
  
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\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = L0000006 ; SOURCE TYPE = VOLUME :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.10000E+01	20	.10000E+01	21	.10000E+01	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = L0000007 ; SOURCE TYPE = VOLUME :											





















# Jordan Downs Health Risk Assessment

First hour of profile data  
 YR MO DY HR HIGHT F WDIR WSPD AMB\_TMP sigmaM sigmaW sigmaV  
 05 01 01 01 5.5 0 -999. -99.00 281.5 99.0 -99.00 -99.00  
 05 01 01 01 9.1 1 337. 0.30 -999.0 99.0 -99.00 -99.00

F indicates top of profile (=1) or below (=0)  
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\*\*MODELOPTs: NonDEFAULT CONC FLAT  
 NODRYDPLT NOWETDPLT

\*\*\* THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: AMERICAN \*\*\*  
 INCLUDING SOURCE(S): AABLR ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF TOXICS IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
385826.08	3756358.25	0.00986	385888.52	3756358.25	0.01064
385950.96	3756358.25	0.01152	386013.40	3756358.25	0.01250
386075.84	3756358.25	0.01358	386138.28	3756358.25	0.01476
386169.50	3756358.25	0.01539	386200.72	3756358.25	0.01604
385826.08	3756390.33	0.00989	385888.52	3756390.33	0.01068
385950.96	3756390.33	0.01156	386013.40	3756390.33	0.01253
386075.84	3756390.33	0.01361	386138.28	3756390.33	0.01479
386169.50	3756390.33	0.01547	386200.72	3756390.33	0.01605
385826.08	3756422.41	0.00991	385888.52	3756422.41	0.01071
385950.96	3756422.41	0.01159	386013.40	3756422.41	0.01257
386075.84	3756422.41	0.01365	386138.28	3756422.41	0.01482
386169.50	3756422.41	0.01544	386200.72	3756422.41	0.01608
385826.08	3756454.49	0.00994	385888.52	3756454.49	0.01073
385950.96	3756454.49	0.01162	386013.40	3756454.49	0.01260
386075.84	3756454.49	0.01368	386138.28	3756454.49	0.01486
386169.50	3756454.49	0.01547	386200.72	3756454.49	0.01611
385826.08	3756486.57	0.00996	385888.52	3756486.57	0.01075
385950.96	3756486.57	0.01164	386013.40	3756486.57	0.01263
386075.84	3756486.57	0.01371	386138.28	3756486.57	0.01489
386169.50	3756486.57	0.01551	386200.72	3756486.57	0.01614
385826.08	3756518.65	0.00997	385888.52	3756518.65	0.01077
385950.96	3756518.65	0.01165	386013.40	3756518.65	0.01264
386075.84	3756518.65	0.01373	386138.28	3756518.65	0.01491
385826.08	3756550.73	0.00997	385888.52	3756550.73	0.01077
385950.96	3756550.73	0.01166	386013.40	3756550.73	0.01265
386075.84	3756550.73	0.01374	386138.28	3756550.73	0.01492
385826.08	3756582.81	0.00996	385888.52	3756582.81	0.01076
385950.96	3756582.81	0.01165	386013.40	3756582.81	0.01263
386075.84	3756582.81	0.01372	386138.28	3756582.81	0.01492
385826.08	3756614.89	0.00994	385888.52	3756614.89	0.01074
385950.96	3756614.89	0.01162	386013.40	3756614.89	0.01260
386075.84	3756614.89	0.01369	386138.28	3756614.89	0.01489
386169.50	3756614.89	0.01547	386200.72	3756614.89	0.01610
385826.08	3756646.97	0.00991	385888.52	3756646.97	0.01070
385950.96	3756646.97	0.01158	386013.40	3756646.97	0.01256
386075.84	3756646.97	0.01365	386138.28	3756646.97	0.01485
385826.08	3756679.05	0.00987	385888.52	3756679.05	0.01066
385950.96	3756679.05	0.01154	386013.40	3756679.05	0.01250
386075.84	3756679.05	0.01359	386138.28	3756679.05	0.01479
385826.08	3756711.13	0.00983	385888.52	3756711.13	0.01060
385950.96	3756711.13	0.01147	386013.40	3756711.13	0.01243

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\*\*MODELOPTs: NonDEFAULT CONC FLAT  
 NODRYDPLT NOWETDPLT

\*\*\* THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: AMERICAN \*\*\*  
 INCLUDING SOURCE(S): AABLR ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF TOXICS IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
386075.84	3756711.13	0.01351	386138.28	3756711.13	0.01471
386169.50	3756711.13	0.01536	386200.72	3756711.13	0.01605
386231.94	3756711.13	0.01677	386263.16	3756711.13	0.01752
386294.38	3756711.13	0.01831	386325.60	3756711.13	0.01913
386356.82	3756711.13	0.01995	386426.08	3756711.13	0.02097
385888.52	3756743.21	0.01054	385950.96	3756743.21	0.01139
386013.40	3756743.21	0.01235	386075.84	3756743.21	0.01342
386138.28	3756743.21	0.01462	386169.50	3756743.21	0.01527
386200.72	3756743.21	0.01596	386231.94	3756743.21	0.01668
386263.16	3756743.21	0.01744	386294.38	3756743.21	0.01824
386325.60	3756743.21	0.01906	386356.82	3756743.21	0.01989
385826.08	3756775.29	0.00971	385888.52	3756775.29	0.01046
385950.96	3756775.29	0.01131	386013.40	3756775.29	0.01226
386075.84	3756775.29	0.01333	386138.28	3756775.29	0.01452
386169.50	3756775.29	0.01516	386200.72	3756775.29	0.01585
386231.94	3756775.29	0.01656	386263.16	3756775.29	0.01732
386294.38	3756775.29	0.01810	386325.60	3756775.29	0.01890
386356.82	3756775.29	0.01972	386426.08	3756775.29	0.02096
385888.52	3756807.37	0.01039	385950.96	3756807.37	0.01122
386013.40	3756807.37	0.01216	386075.84	3756807.37	0.01321
386138.28	3756807.37	0.01439	386169.50	3756807.37	0.01503
386200.72	3756807.37	0.01570	386231.94	3756807.37	0.01640
386263.16	3756807.37	0.01714	386294.38	3756807.37	0.01790
386325.60	3756807.37	0.01867	386356.82	3756807.37	0.01945
385826.08	3756839.45	0.00956	385888.52	3756839.45	0.01030
385950.96	3756839.45	0.01113	386013.40	3756839.45	0.01205
386075.84	3756839.45	0.01309	386138.28	3756839.45	0.01424
386169.50	3756839.45	0.01487	386200.72	3756839.45	0.01552
386231.94	3756839.45	0.01620	386263.16	3756839.45	0.01691
386294.38	3756839.45	0.01763	386325.60	3756839.45	0.01836
386356.82	3756839.45	0.01908	386426.08	3756839.45	0.02048
385888.52	3756871.53	0.01021	385950.96	3756871.53	0.01102
386013.40	3756871.53	0.01193	386075.84	3756871.53	0.01295
386138.28	3756871.53	0.01407	386169.50	3756871.53	0.01468
386200.72	3756871.53	0.01531	386231.94	3756871.53	0.01596
386263.16	3756871.53	0.01663	386294.38	3756871.53	0.01731
386325.60	3756871.53	0.01799	386356.82	3756871.53	0.01865
386395.44	3756664.20	0.02047	386391.14	3756710.42	0.02073
386347.07	3756666.35	0.01959	386294.38	3756667.42	0.01833
386228.82	3756666.35	0.01677	386170.77	3756664.20	0.01549

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\*\*MODELOPTs: NonDEFAULT CONC FLAT  
 NODRYDPLT NOWETDPLT

\*\*\* THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ATLASQP \*\*\*  
 INCLUDING SOURCE(S): ATLASQP ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF TOXICS IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
386253.54	3756480.37	0.01721	386251.39	3756426.62	0.01712
386248.17	3756356.75	0.01706			

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\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF TOXICS IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
385826.08	3756358.25	0.00018	385888.52	3756358.25	0.00021
385950.96	3756358.25	0.00025	386013.40	3756358.25	0.00031
386075.84	3756358.25	0.00040	386138.28	3756358.25	0.00054
386169.50	3756358.25	0.00065	386200.72	3756358.25	0.00077
385826.08	3756390.33	0.00018	385888.52	3756390.33	0.00021
385950.96	3756390.33	0.00025	386013.40	3756390.33	0.00031
386075.84	3756390.33	0.00039	386138.28	3756390.33	0.00054
386169.50	3756390.33	0.00064	386200.72	3756390.33	0.00078
385826.08	3756422.41	0.00018	385888.52	3756422.41	0.00021
385950.96	3756422.41	0.00025	386013.40	3756422.41	0.00031
386075.84	3756422.41	0.00040	386138.28	3756422.41	0.00054
386169.50	3756422.41	0.00064	386200.72	3756422.41	0.00078
385826.08	3756454.49	0.00018	385888.52	3756454.49	0.00021
385950.96	3756454.49	0.00025	386013.40	3756454.49	0.00031
386075.84	3756454.49	0.00040	386138.28	3756454.49	0.00054
386169.50	3756454.49	0.00065	386200.72	3756454.49	0.00080
385826.08	3756486.57	0.00017	385888.52	3756486.57	0.00021
385950.96	3756486.57	0.00025	386013.40	3756486.57	0.00031
386075.84	3756486.57	0.00040	386138.28	3756486.57	0.00055
386169.50	3756486.57	0.00066	386200.72	3756486.57	0.00082
385826.08	3756518.65	0.00017	385888.52	3756518.65	0.00020
385950.96	3756518.65	0.00024	386013.40	3756518.65	0.00031
386075.84	3756518.65	0.00040	386138.28	3756518.65	0.00056
386169.50	3756518.65	0.00066	386200.72	3756518.65	0.00083
385950.96	3756550.73	0.00023	386013.40	3756550.73	0.00029
386075.84	3756550.73	0.00039	386138.28	3756550.73	0.00055
385826.08	3756582.81	0.00015	385888.52	3756582.81	0.00018
385950.96	3756582.81	0.00022	386013.40	3756582.81	0.00028
386075.84	3756582.81	0.00037	386138.28	3756582.81	0.00053
385826.08	3756614.89	0.00014	385888.52	3756614.89	0.00017
385950.96	3756614.89	0.00021	386013.40	3756614.89	0.00027
386075.84	3756614.89	0.00036	386138.28	3756614.89	0.00049
385826.08	3756646.97	0.00014	385888.52	3756646.97	0.00016
385950.96	3756646.97	0.00020	386013.40	3756646.97	0.00026
386075.84	3756646.97	0.00035	386138.28	3756646.97	0.00049
385826.08	3756679.05	0.00013	385888.52	3756679.05	0.00016
385950.96	3756679.05	0.00020	386013.40	3756679.05	0.00025
386075.84	3756679.05	0.00034	386138.28	3756679.05	0.00048
385826.08	3756711.13	0.00013	385888.52	3756711.13	0.00016
385950.96	3756711.13	0.00019	386013.40	3756711.13	0.00025

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\*\*MODELOPTs: NonDEFAULT CONC      FLAT      NODRYDEFLT NOWETDPLT

\*\*\* THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S):      VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ATLASEQP \*\*\*

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF TOXICS IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
386075.84	3756711.13	0.00033	386138.28	3756711.13	0.00048
386169.50	3756711.13	0.00059	386200.72	3756711.13	0.00075
386231.94	3756711.13	0.00098	386263.16	3756711.13	0.00132
386294.38	3756711.13	0.00185	386325.60	3756711.13	0.00272
386356.82	3756711.13	0.00421	386388.26	3756743.21	0.00013
385888.52	3756743.21	0.00016	385950.96	3756743.21	0.00019
386013.40	3756743.21	0.00025	386075.84	3756743.21	0.00033
386138.28	3756743.21	0.00048	386169.50	3756743.21	0.00059
386200.72	3756743.21	0.00074	386231.94	3756743.21	0.00095
386263.16	3756743.21	0.00125	386388.26	3756743.21	0.00019
386325.60	3756743.21	0.00233	386356.82	3756743.21	0.00335
385826.08	3756775.29	0.00013	385888.52	3756775.29	0.00015
385950.96	3756775.29	0.00019	386013.40	3756775.29	0.00025
386075.84	3756775.29	0.00033	386138.28	3756775.29	0.00047
386169.50	3756775.29	0.00058	386200.72	3756775.29	0.00071
386231.94	3756775.29	0.00090	386263.16	3756775.29	0.00114
386294.38	3756775.29	0.00148	386325.60	3756775.29	0.00196
386356.82	3756775.29	0.00264	386388.26	3756775.29	0.00013
385888.52	3756807.37	0.00015	385950.96	3756807.37	0.00019
386013.40	3756807.37	0.00025	386075.84	3756807.37	0.00033
386138.28	3756807.37	0.00046	386169.50	3756807.37	0.00056
386200.72	3756807.37	0.00068	386231.94	3756807.37	0.00091
386263.16	3756807.37	0.00102	386294.38	3756807.37	0.00128
386325.60	3756807.37	0.00163	386356.82	3756807.37	0.00210
385826.08	3756839.45	0.00013	385888.52	3756839.45	0.00015
385950.96	3756839.45	0.00019	386013.40	3756839.45	0.00025
386075.84	3756839.45	0.00033	386138.28	3756839.45	0.00045
386169.50	3756839.45	0.00053	386200.72	3756839.45	0.00063
386231.94	3756839.45	0.00075	386263.16	3756839.45	0.00090
386294.38	3756839.45	0.00110	386325.60	3756839.45	0.00136
386356.82	3756839.45	0.00170	386388.26	3756871.53	0.00019
385888.52	3756871.53	0.00015	385950.96	3756871.53	0.00019
386013.40	3756871.53	0.00025	386075.84	3756871.53	0.00032
386138.28	3756871.53	0.00043	386169.50	3756871.53	0.00049
386200.72	3756871.53	0.00067	386231.94	3756871.53	0.00091
386263.16	3756871.53	0.00079	386294.38	3756871.53	0.00095
386325.60	3756871.53	0.00114	386356.82	3756871.53	0.00139
386395.44	3756664.20	0.01419	386391.14	3756710.42	0.00741
386347.07	3756664.35	0.00454	386294.38	3756687.42	0.00203
386228.82	3756666.35	0.00098	386170.77	3756664.20	0.00061

\*\*\* AERMOD - VERSION 09292 \*\*\*      \*\*\* Jordan Downs Health Risk Assessment      \*\*\*      04/20/11  
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\*\*MODELOPTs: NonDEFAULT CONC      FLAT      NODRYDEFLT NOWETDPLT

\*\*\* THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S):      VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: EASTERN \*\*\*

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF TOXICS IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
386253.54	3756480.37	0.00122	386251.39	3756426.62	0.00112
386248.17	3756356.75	0.00099			

\*\*\* AERMOD - VERSION 09292 \*\*\*      \*\*\* Jordan Downs Health Risk Assessment      \*\*\*      04/20/11  
 \*\*\*      \*\*\*      \*\*\*      \*\*\*      17:48:03  
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# Jordan Downs Health Risk Assessment

385950.96	3756422.41	0.00009	386013.40	3756422.41	0.00010
386075.84	3756422.41	0.00012	386138.28	3756422.41	0.00014
386169.50	3756422.41	0.00015	386200.72	3756422.41	0.00016
385826.08	3756454.49	0.00007	385888.52	3756454.49	0.00008
385950.96	3756454.49	0.00009	386013.40	3756454.49	0.00010
386075.84	3756454.49	0.00012	386138.28	3756454.49	0.00014
386169.50	3756454.49	0.00015	386200.72	3756454.49	0.00016
385826.08	3756486.57	0.00007	385888.52	3756486.57	0.00008
385950.96	3756486.57	0.00009	386013.40	3756486.57	0.00010
386075.84	3756486.57	0.00012	386138.28	3756486.57	0.00014
386169.50	3756486.57	0.00015	386200.72	3756486.57	0.00016
385826.08	3756518.65	0.00007	385888.52	3756518.65	0.00008
385950.96	3756518.65	0.00009	386013.40	3756518.65	0.00010
386075.84	3756518.65	0.00012	386138.28	3756518.65	0.00014
385826.08	3756550.73	0.00007	385888.52	3756550.73	0.00008
385950.96	3756550.73	0.00009	386013.40	3756550.73	0.00010
386075.84	3756550.73	0.00012	386138.28	3756550.73	0.00014
385826.08	3756582.81	0.00007	385888.52	3756582.81	0.00008
385950.96	3756582.81	0.00009	386013.40	3756582.81	0.00010
386075.84	3756582.81	0.00012	386138.28	3756582.81	0.00014
385826.08	3756614.89	0.00007	385888.52	3756614.89	0.00008
385950.96	3756614.89	0.00009	386013.40	3756614.89	0.00010
386075.84	3756614.89	0.00012	386138.28	3756614.89	0.00014
385826.08	3756646.97	0.00007	385888.52	3756646.97	0.00008
385950.96	3756646.97	0.00009	386013.40	3756646.97	0.00010
386075.84	3756646.97	0.00012	386138.28	3756646.97	0.00014
385826.08	3756679.05	0.00007	385888.52	3756679.05	0.00008
385950.96	3756679.05	0.00009	386013.40	3756679.05	0.00010
386075.84	3756679.05	0.00011	386138.28	3756679.05	0.00013
385826.08	3756711.13	0.00007	385888.52	3756711.13	0.00008
385950.96	3756711.13	0.00009	386013.40	3756711.13	0.00010
*** AERMOD - VERSION 09292 *** Jordan Downs Health Risk Assessment ***					
**MODELPTS: NonFAULT CONC FLAT NODRYDPLT NOWETDPLT					
*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: EASTERN ***					
*** DISCRETE CARTESIAN RECEPTOR POINTS ***					
** CONC OF TOXICS IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
386075.84	3756711.13	0.00011	386138.28	3756711.13	0.00014
386169.50	3756711.13	0.00014	386200.72	3756711.13	0.00016
386231.94	3756711.13	0.00016	386263.16	3756711.13	0.00017
386294.38	3756711.13	0.00018	386325.60	3756711.13	0.00019
386356.82	3756711.13	0.00021	386388.28	3756711.13	0.00023
386419.26	3756711.13	0.00024	386451.70	3756711.13	0.00026
386481.70	3756711.13	0.00027	386514.14	3756711.13	0.00029
386544.14	3756711.13	0.00030	386576.58	3756711.13	0.00032
386606.58	3756711.13	0.00033	386639.02	3756711.13	0.00035
386669.06	3756711.13	0.00035	386701.46	3756711.13	0.00037
386731.50	3756711.13	0.00038	386763.90	3756711.13	0.00040
386793.94	3756711.13	0.00040	386826.34	3756711.13	0.00042
386856.38	3756711.13	0.00043	386888.78	3756711.13	0.00045
386918.82	3756711.13	0.00045	386951.22	3756711.13	0.00047
386981.26	3756711.13	0.00048	387013.66	3756711.13	0.00050
387043.70	3756711.13	0.00050	387076.10	3756711.13	0.00052
387106.14	3756711.13	0.00053	387138.54	3756711.13	0.00055
387168.58	3756711.13	0.00055	387231.98	3756711.13	0.00058
387231.02	3756711.13	0.00058	387325.42	3756711.13	0.00060
387293.46	3756711.13	0.00060	387418.86	3756711.13	0.00062
387355.90	3756711.13	0.00063	387512.30	3756711.13	0.00064
387418.34	3756711.13	0.00065	387605.74	3756711.13	0.00066
387480.78	3756711.13	0.00068	387699.18	3756711.13	0.00068
387543.22	3756711.13	0.00070	387792.62	3756711.13	0.00070
387605.66	3756711.13	0.00073	387886.06	3756711.13	0.00072
387668.10	3756711.13	0.00075	387979.50	3756711.13	0.00074
387730.54	3756711.13	0.00078	388072.94	3756711.13	0.00076
387792.98	3756711.13	0.00080	388166.38	3756711.13	0.00078
387855.42	3756711.13	0.00083	388259.82	3756711.13	0.00080
387917.86	3756711.13	0.00085	388353.26	3756711.13	0.00082
387980.30	3756711.13	0.00088	388446.70	3756711.13	0.00084
388042.74	3756711.13	0.00090	388540.14	3756711.13	0.00086
388105.18	3756711.13	0.00093	388633.58	3756711.13	0.00088
388167.62	3756711.13	0.00095	388727.02	3756711.13	0.00090
388230.06	3756711.13	0.00098	388820.46	3756711.13	0.00092
388292.50	3756711.13	0.00100	388913.90	3756711.13	0.00094
388354.94	3756711.13	0.00103	389007.34	3756711.13	0.00096
388417.38	3756711.13	0.00105	389100.78	3756711.13	0.00098
388479.82	3756711.13	0.00108	389194.22	3756711.13	0.00100
388542.26	3756711.13	0.00110	389287.66	3756711.13	0.00102
388604.70	3756711.13	0.00113	389381.10	3756711.13	0.00104
388667.14	3756711.13	0.00115	389474.54	3756711.13	0.00106
388729.58	3756711.13	0.00118	389567.98	3756711.13	0.00108
388792.02	3756711.13	0.00120	389661.42	3756711.13	0.00110
388854.46	3756711.13	0.00123	389754.86	3756711.13	0.00112
388916.90	3756711.13	0.00125	389848.30	3756711.13	0.00114
388979.34	3756711.13	0.00128	389941.74	3756711.13	0.00116
389041.78	3756711.13	0.00130	390035.18	3756711.13	0.00118
389104.22	3756711.13	0.00133	390128.62	3756711.13	0.00120
389166.66	3756711.13	0.00135	390222.06	3756711.13	0.00122
389229.10	3756711.13	0.00138	390315.50	3756711.13	0.00124
389291.54	3756711.13	0.00140	390408.94	3756711.13	0.00126
389353.98	3756711.13	0.00143	390502.38	3756711.13	0.00128
389416.42	3756711.13	0.00145	390595.82	3756711.13	0.00130
389478.86	3756711.13	0.00148	390689.26	3756711.13	0.00132
389541.30	3756711.13	0.00150	390782.70	3756711.13	0.00134
389603.74	3756711.13	0.00153	390876.14	3756711.13	0.00136
389666.18	3756711.13	0.00155	390969.58	3756711.13	0.00138
389728.62	3756711.13	0.00158	391063.02	3756711.13	0.00140
389791.06	3756711.13	0.00160	391156.46	3756711.13	0.00142
389853.50	3756711.13	0.00163	391249.90	3756711.13	0.00144
389915.94	3756711.13	0.00165	391343.34	3756711.13	0.00146
389978.38	3756711.13	0.00168	391436.78	3756711.13	0.00148
390040.82	3756711.13	0.00170	391530.22	3756711.13	0.00150
390103.26	3756711.13	0.00173	391623.66	3756711.13	0.00152
390165.70	3756711.13	0.00175	391717.10	3756711.13	0.00154
390228.14	3756711.13	0.00178	391810.54	3756711.13	0.00156
390290.58	3756711.13	0.00180	391903.98	3756711.13	0.00158
390353.02	3756711.13	0.00183	391997.42	3756711.13	0.00160
390415.46	3756711.13	0.00185	392090.86	3756711.13	0.00162
390477.90	3756711.13	0.00188	392184.30	3756711.13	0.00164
390540.34	3756711.13	0.00190	392277.74	3756711.13	0.00166
390602.78	3756711.13	0.00193	392371.18	3756711.13	0.00168
390665.22	3756711.13	0.00195	392464.62	3756711.13	0.00170
390727.66	3756711.13	0.00198	392558.06	3756711.13	0.00172
390790.10	3756711.13	0.00200	392651.50	3756711.13	0.00174
390852.54	3756711.13	0.00203	392744.94	3756711.13	0.00176
390914.98	3756711.13	0.00205	392838.38	3756711.13	0.00178
390977.42	3756711.13	0.00208	392931.82	3756711.13	0.00180
391039.86	3756711.13	0.00210	393025.26	3756711.13	0.00182
391102.30	3756711.13	0.00213	393118.70	3756711.13	0.00184
391164.74	3756711.13	0.00215	393212.14	3756711.13	0.00186
391227.18	3756711.13	0.00218	393305.58	3756711.13	0.00188
391289.62	3756711.13	0.00220	393399.02	3756711.13	0.00190
391352.06	3756711.13	0.00223	393492.46	3756711.13	0.00192
391414.50	3756711.13	0.00225	393585.90	3756711.13	0.00194
391476.94	3756711.13	0.00228	393679.34	3756711.13	0.00196
391539.38	3756711.13	0.00230	393772.78	3756711.13	0.00198
391601.82	3756711.13	0.00233	393866.22	3756711.13	0.00200
391664.26	3756711.13	0.00235	393959.66	3756711.13	0.00202
391726.70	3756711.13	0.00238	394053.10	3756711.13	0.00204
391789.14	3756711.13	0.00240	394146.54	3756711.13	0.00206
391851.58	3756711.13	0.00243	394240.00	3756711.13	0.00208
391914.02	3756711.13	0.00245	394333.44	3756711.13	0.00210
391976.46	3756711.13	0.00248	394426.90	3756711.13	0.00212
392038.90					





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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: NORTHERN \*\*\*  
NORTTRK ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF TOXICS IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
386075.84	3756711.13	0.00013	386138.28	3756711.13	0.00016
386169.50	3756711.13	0.00019	386200.72	3756711.13	0.00022
386231.94	3756711.13	0.00025	386263.16	3756711.13	0.00030
386294.38	3756711.13	0.00035	386325.60	3756711.13	0.00041
386356.82	3756711.13	0.00049	386388.04	3756711.13	0.00056
385888.52	3756743.21	0.00007	385950.96	3756743.21	0.00008
386013.40	3756743.21	0.00010	386075.84	3756743.21	0.00013
386138.28	3756743.21	0.00017	386169.50	3756743.21	0.00019
386200.72	3756743.21	0.00023	386231.94	3756743.21	0.00027
386263.16	3756743.21	0.00032	386294.38	3756743.21	0.00038
386325.60	3756743.21	0.00046	386356.82	3756743.21	0.00055
385826.08	3756775.29	0.00005	385888.52	3756775.29	0.00006
385950.96	3756775.29	0.00008	386013.40	3756775.29	0.00010
386075.84	3756775.29	0.00013	386138.28	3756775.29	0.00017
386169.50	3756775.29	0.00020	386200.72	3756775.29	0.00024
386231.94	3756775.29	0.00028	386263.16	3756775.29	0.00034
386294.38	3756775.29	0.00035	386325.60	3756775.29	0.00041
386356.82	3756775.29	0.00049	385826.08	3756807.37	0.00005
385888.52	3756807.37	0.00006	385950.96	3756807.37	0.00008
386013.40	3756807.37	0.00010	386075.84	3756807.37	0.00013
386138.28	3756807.37	0.00017	386169.50	3756807.37	0.00019
386200.72	3756807.37	0.00023	386231.94	3756807.37	0.00027
386263.16	3756807.37	0.00036	386294.38	3756807.37	0.00045
386325.60	3756807.37	0.00057	386356.82	3756807.37	0.00074
385826.08	3756839.45	0.00005	385888.52	3756839.45	0.00006
385950.96	3756839.45	0.00008	386013.40	3756839.45	0.00010
386075.84	3756839.45	0.00013	386138.28	3756839.45	0.00017
386169.50	3756839.45	0.00021	386200.72	3756839.45	0.00025
386231.94	3756839.45	0.00030	386263.16	3756839.45	0.00038
386294.38	3756839.45	0.00049	386325.60	3756839.45	0.00060
386356.82	3756839.45	0.00088	385826.08	3756871.53	0.00005
385888.52	3756871.53	0.00006	385950.96	3756871.53	0.00008
386013.40	3756871.53	0.00010	386075.84	3756871.53	0.00013
386138.28	3756871.53	0.00018	386169.50	3756871.53	0.00021
386200.72	3756871.53	0.00025	386231.94	3756871.53	0.00031
386263.16	3756871.53	0.00040	386294.38	3756871.53	0.00052
386325.60	3756871.53	0.00072	386356.82	3756871.53	0.00107
386356.82	3756664.20	0.00049	386391.14	3756710.42	0.00018
386347.07	3756666.35	0.00040	386294.39	3756667.42	0.00031
386228.82	3756666.35	0.00023	386170.77	3756664.20	0.00018

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\*\*\* Jordan Downs Health Risk Assessment \*\*\*  
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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: NORTHERN \*\*\*  
NORTTRK ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF TOXICS IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
386253.54	3756480.37	0.00018	386251.39	3756426.62	0.00016
386248.17	3756356.75	0.00015			

\*\*\* AERMOD - VERSION 09292 \*\*\*  
\*\*\* Jordan Downs Health Risk Assessment \*\*\*  
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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: SOUTHERN \*\*\*  
SOUTHTRK ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF TOXICS IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
385826.08	3756358.25	0.00007	385888.52	3756358.25	0.00008
385950.96	3756358.25	0.00010	386013.40	3756358.25	0.00012
386075.84	3756358.25	0.00014	386138.28	3756358.25	0.00019
386169.50	3756358.25	0.00021	386200.72	3756358.25	0.00025
385826.08	3756390.33	0.00007	385888.52	3756390.33	0.00008
385950.96	3756390.33	0.00010	386013.40	3756390.33	0.00012
386075.84	3756390.33	0.00014	386138.28	3756390.33	0.00018
386169.50	3756390.33	0.00021	386200.72	3756390.33	0.00025
385826.08	3756422.41	0.00007	385888.52	3756422.41	0.00008
385950.96	3756422.41	0.00010	386013.40	3756422.41	0.00012
386075.84	3756422.41	0.00014	386138.28	3756422.41	0.00018
386169.50	3756422.41	0.00021	386200.72	3756422.41	0.00024
385826.08	3756454.49	0.00007	385888.52	3756454.49	0.00008
385950.96	3756454.49	0.00009	386013.40	3756454.49	0.00011
386075.84	3756454.49	0.00014	386138.28	3756454.49	0.00018
386169.50	3756454.49	0.00020	386200.72	3756454.49	0.00023
385826.08	3756486.57	0.00007	385888.52	3756486.57	0.00008
385950.96	3756486.57	0.00009	386013.40	3756486.57	0.00011
386075.84	3756486.57	0.00014	386138.28	3756486.57	0.00018
386169.50	3756486.57	0.00020	386200.72	3756486.57	0.00023
385826.08	3756518.65	0.00007	385888.52	3756518.65	0.00008
385950.96	3756518.65	0.00009	386013.40	3756518.65	0.00011
386075.84	3756518.65	0.00014	386138.28	3756518.65	0.00017
385826.08	3756550.73	0.00007	385888.52	3756550.73	0.00008
385950.96	3756550.73	0.00009	386013.40	3756550.73	0.00011
386075.84	3756550.73	0.00014	386138.28	3756550.73	0.00017
385826.08	3756582.81	0.00007	385888.52	3756582.81	0.00008
385950.96	3756582.81	0.00009	386013.40	3756582.81	0.00011
386075.84	3756582.81	0.00013	386138.28	3756582.81	0.00016
385826.08	3756614.89	0.00007	385888.52	3756614.89	0.00008
385950.96	3756614.89	0.00009	386013.40	3756614.89	0.00011
386075.84	3756614.89	0.00013	386138.28	3756614.89	0.00016
385826.08	3756646.97	0.00007	385888.52	3756646.97	0.00008
385950.96	3756646.97	0.00009	386013.40	3756646.97	0.00011
386075.84	3756646.97	0.00013	386138.28	3756646.97	0.00015
385826.08	3756679.05	0.00007	385888.52	3756679.05	0.00008
385950.96	3756679.05	0.00009	386013.40	3756679.05	0.00011
386075.84	3756679.05	0.00012	386138.28	3756679.05	0.00014
385826.08	3756711.13	0.00007	385888.52	3756711.13	0.00008
385950.96	3756711.13	0.00009	386013.40	3756711.13	0.00010

\*\*\* AERMOD - VERSION 09292 \*\*\*  
\*\*\* Jordan Downs Health Risk Assessment \*\*\*  
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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: SOUTHERN \*\*\*  
SOUTHTRK ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF TOXICS IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
386075.84	3756711.13	0.00012	386138.28	3756711.13	0.00013
386169.50	3756711.13	0.00014	386200.72	3756711.13	0.00015

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386231.94	3756711.13	0.00016	386263.16	3756711.13	0.00016
386294.38	3756711.13	0.00017	386325.60	3756711.13	0.00017
386356.82	3756711.13	0.00016	386294.38	3756743.21	0.00017
385888.52	3756743.21	0.00008	385950.96	3756743.21	0.00009
386013.40	3756743.21	0.00010	386075.84	3756743.21	0.00011
386138.28	3756743.21	0.00013	386169.50	3756743.21	0.00013
386200.72	3756743.21	0.00014	386231.94	3756743.21	0.00014
386263.16	3756743.21	0.00015	386294.38	3756743.21	0.00015
386325.60	3756743.21	0.00015	386356.82	3756743.21	0.00015
385826.08	3756775.29	0.00007	385888.52	3756775.29	0.00008
385950.96	3756775.29	0.00009	386013.40	3756775.29	0.00010
386075.84	3756775.29	0.00011	386138.28	3756775.29	0.00012
386169.50	3756775.29	0.00013	386200.72	3756775.29	0.00013
386231.94	3756775.29	0.00013	386263.16	3756775.29	0.00014
386294.38	3756775.29	0.00014	386325.60	3756775.29	0.00014
386356.82	3756775.29	0.00013	385826.08	3756807.37	0.00007
385888.52	3756807.37	0.00007	385950.96	3756807.37	0.00008
386013.40	3756807.37	0.00009	386075.84	3756807.37	0.00010
386138.28	3756807.37	0.00011	386169.50	3756807.37	0.00012
386200.72	3756807.37	0.00012	386231.94	3756807.37	0.00012
386263.16	3756807.37	0.00012	386294.38	3756807.37	0.00012
386325.60	3756807.37	0.00012	386356.82	3756807.37	0.00012
385826.08	3756839.45	0.00006	385888.52	3756839.45	0.00007
385950.96	3756839.45	0.00008	386013.40	3756839.45	0.00009
386075.84	3756839.45	0.00010	386138.28	3756839.45	0.00011
386169.50	3756839.45	0.00011	386200.72	3756839.45	0.00011
386231.94	3756839.45	0.00011	386263.16	3756839.45	0.00011
386294.38	3756839.45	0.00011	386325.60	3756839.45	0.00011
386356.82	3756839.45	0.00011	385826.08	3756871.53	0.00006
385888.52	3756871.53	0.00007	385950.96	3756871.53	0.00008
386013.40	3756871.53	0.00009	386075.84	3756871.53	0.00009
386138.28	3756871.53	0.00010	386169.50	3756871.53	0.00010
386200.72	3756871.53	0.00010	386231.94	3756871.53	0.00011
386263.16	3756871.53	0.00011	386294.38	3756871.53	0.00010
386325.60	3756871.53	0.00010	386356.82	3756871.53	0.00010
386395.44	3756664.20	0.00019	386391.14	3756710.42	0.00016
386347.07	3756666.35	0.00019	386294.38	3756667.42	0.00019
386228.82	3756666.35	0.00017	386170.77	3756664.20	0.00016

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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: SOUTHERN \*\*\*

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF TOXICS	IN MICROGRAMS/M**3	**			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
386253.54	3756480.37	0.00028	386251.39	3756426.62	0.00031
386248.17	3756356.75	0.00032			

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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: TRAIN \*\*\*

L0000008, L0000009, L0000010, L0000011, L0000012, L0000013, L0000014, L0000015, L0000016, L0000017, L0000018, L0000019, L0000020, L0000021, L0000022, L0000023, L0000024, L0000025, L0000026, L0000027, L0000028, L0000029, L0000030, . . .

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF TOXICS	IN MICROGRAMS/M**3	**			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
385826.08	3756358.25	0.00060	385888.52	3756358.25	0.00067
385950.96	3756358.25	0.00074	386013.40	3756358.25	0.00082
386075.84	3756358.25	0.00093	386138.28	3756358.25	0.00106
386169.50	3756358.25	0.00114	386200.72	3756358.25	0.00123
385826.08	3756390.33	0.00061	385888.52	3756390.33	0.00067
385950.96	3756390.33	0.00075	386013.40	3756390.33	0.00084
386075.84	3756390.33	0.00094	386138.28	3756390.33	0.00108
386169.50	3756390.33	0.00116	386200.72	3756390.33	0.00125
385826.08	3756422.41	0.00062	385888.52	3756422.41	0.00068
385950.96	3756422.41	0.00075	386013.40	3756422.41	0.00085
386075.84	3756422.41	0.00096	386138.28	3756422.41	0.00109
386169.50	3756422.41	0.00117	386200.72	3756422.41	0.00127
385826.08	3756454.49	0.00062	385888.52	3756454.49	0.00069
385950.96	3756454.49	0.00076	386013.40	3756454.49	0.00085
386075.84	3756454.49	0.00097	386138.28	3756454.49	0.00111
386169.50	3756454.49	0.00119	386200.72	3756454.49	0.00128
385826.08	3756486.57	0.00063	385888.52	3756486.57	0.00069
385950.96	3756486.57	0.00077	386013.40	3756486.57	0.00086
386075.84	3756486.57	0.00098	386138.28	3756486.57	0.00112
386169.50	3756486.57	0.00121	386200.72	3756486.57	0.00130
385826.08	3756518.65	0.00063	385888.52	3756518.65	0.00070
385950.96	3756518.65	0.00078	386013.40	3756518.65	0.00087
386075.84	3756518.65	0.00099	386138.28	3756518.65	0.00113
386169.50	3756518.65	0.00122	386200.72	3756518.65	0.00131
385826.08	3756550.73	0.00064	385888.52	3756550.73	0.00070
385950.96	3756550.73	0.00079	386013.40	3756550.73	0.00088
386075.84	3756550.73	0.00100	386138.28	3756550.73	0.00115
386169.50	3756550.73	0.00123	386200.72	3756550.73	0.00132
385826.08	3756582.81	0.00064	385888.52	3756582.81	0.00071
385950.96	3756582.81	0.00079	386013.40	3756582.81	0.00089
386075.84	3756582.81	0.00101	386138.28	3756582.81	0.00116
386169.50	3756582.81	0.00124	386200.72	3756582.81	0.00133
385826.08	3756614.89	0.00065	385888.52	3756614.89	0.00072
385950.96	3756614.89	0.00080	386013.40	3756614.89	0.00090
386075.84	3756614.89	0.00102	386138.28	3756614.89	0.00118
386169.50	3756614.89	0.00125	386200.72	3756614.89	0.00134
385826.08	3756646.97	0.00065	385888.52	3756646.97	0.00072
385950.96	3756646.97	0.00080	386013.40	3756646.97	0.00091
386075.84	3756646.97	0.00103	386138.28	3756646.97	0.00119
386169.50	3756646.97	0.00126	386200.72	3756646.97	0.00135
385826.08	3756679.05	0.00065	385888.52	3756679.05	0.00073
385950.96	3756679.05	0.00081	386013.40	3756679.05	0.00091
386075.84	3756679.05	0.00104	386138.28	3756679.05	0.00120
386169.50	3756679.05	0.00127	386200.72	3756679.05	0.00136
385826.08	3756711.13	0.00066	385888.52	3756711.13	0.00073
385950.96	3756711.13	0.00082	386013.40	3756711.13	0.00092

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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: TRAIN \*\*\*

L0000008, L0000009, L0000010, L0000011, L0000012, L0000013, L0000014, L0000015, L0000016, L0000017, L0000018, L0000019, L0000020, L0000021, L0000022, L0000023, L0000024, L0000025, L0000026, L0000027, L0000028, L0000029, L0000030, . . .

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF TOXICS	IN MICROGRAMS/M**3	**			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
386075.84	3756711.13	0.00105	386138.28	3756711.13	0.00121
386169.50	3756711.13	0.00131	386200.72	3756711.13	0.00143
386231.94	3756711.13	0.00156	386263.16	3756711.13	0.00171
386294.38	3756711.13	0.00190	386325.60	3756711.13	0.00213
386356.82	3756711.13	0.00241	385826.08	3756743.21	0.00066
385888.52	3756743.21	0.00073	385950.96	3756743.21	0.00082
386013.40	3756743.21	0.00093	386075.84	3756743.21	0.00106
386138.28	3756743.21	0.00122	386169.50	3756743.21	0.00153
386200.72	3756743.21	0.00144	386231.94	3756743.21	0.00158
386263.16	3756743.21	0.00174	386294.38	3756743.21	0.00193
386325.60	3756743.21	0.00216	386356.82	3756743.21	0.00246
386395.44	3756775.29	0.00066	385888.52	3756775.29	0.00074
386466.82	3756775.29	0.00083	386013.40	3756775.29	0.00093
386075.84	3756775.29	0.00107	386138.28	3756775.29	0.00124

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386169.50 3756775.29 0.00134 386200.72 3756775.29 0.00146
386231.94 3756775.29 0.00160 386263.16 3756775.29 0.00176
386294.38 3756775.29 0.00196 386325.60 3756775.29 0.00220
386356.82 3756775.29 0.00250 386388.08 3756807.37 0.00067
385888.52 3756807.37 0.00074 385950.96 3756807.37 0.00083
386013.40 3756807.37 0.00094 386075.84 3756807.37 0.00108
386138.28 3756807.37 0.00125 386169.50 3756807.37 0.00135
386200.72 3756807.37 0.00147 386231.94 3756807.37 0.00162
386263.16 3756807.37 0.00178 386294.38 3756807.37 0.00199
386325.60 3756807.37 0.00224 386356.82 3756807.37 0.00255
385826.08 3756839.45 0.00067 385888.52 3756839.45 0.00074
385950.96 3756839.45 0.00083 386013.40 3756839.45 0.00095
386075.84 3756839.45 0.00108 386138.28 3756839.45 0.00126
386169.50 3756839.45 0.00137 386200.72 3756839.45 0.00149
386231.94 3756839.45 0.00164 386263.16 3756839.45 0.00181
386294.38 3756839.45 0.00202 386325.60 3756839.45 0.00228
386356.82 3756839.45 0.00260 385826.08 3756871.53 0.00067
385888.52 3756871.53 0.00075 385950.96 3756871.53 0.00084
386013.40 3756871.53 0.00095 386075.84 3756871.53 0.00109
386138.28 3756871.53 0.00127 386169.50 3756871.53 0.00138
386200.72 3756871.53 0.00151 386231.94 3756871.53 0.00166
386263.16 3756871.53 0.00183 386294.38 3756871.53 0.00205
386325.60 3756871.53 0.00232 386356.82 3756871.53 0.00266
386395.44 3756664.20 0.00279 386391.14 3756710.42 0.00282
386347.07 3756666.35 0.00225 386294.39 3756667.42 0.00186
386228.82 3756666.35 0.00152 386170.77 3756664.20 0.00129
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**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT
*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: TRAIN ***
INCLUDING SOURCE(S): L000001, L000002, L000003, L000004, L000005, L000006, L000007,
L000008, L000009, L000010, L000011, L000012, L000013, L000014, L000015, L000016, L000017, L000018, L000019,
L000020, L000021, L000022, L000023, L000024, L000025, L000026, L000027, L000028, L000029, L000030, . . .
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF TOXICS IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
386253.54 3756480.37 0.00150 386251.39 3756426.62 0.00145
386248.17 3756356.75 0.00138
*** AERMOD - VERSION 09292 *** *** Jordan Downs Health Risk Assessment *** *** 04/20/11
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**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT
*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ATLASTRK ***
INCLUDING SOURCE(S):
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF TOXICS IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
385826.08 3756358.25 0.00004 385888.52 3756358.25 0.00005
385950.96 3756358.25 0.00006 386013.40 3756358.25 0.00007
386075.84 3756358.25 0.00009 386138.28 3756358.25 0.00012
386169.50 3756358.25 0.00014 386200.72 3756358.25 0.00017
385826.08 3756390.33 0.00004 385888.52 3756390.33 0.00005
385950.96 3756390.33 0.00006 386013.40 3756390.33 0.00007
386075.84 3756390.33 0.00009 386138.28 3756390.33 0.00012
386169.50 3756390.33 0.00014 386200.72 3756390.33 0.00016
385826.08 3756422.41 0.00004 385888.52 3756422.41 0.00005
385950.96 3756422.41 0.00006 386013.40 3756422.41 0.00007
386075.84 3756422.41 0.00009 386138.28 3756422.41 0.00012
386169.50 3756422.41 0.00014 386200.72 3756422.41 0.00016
385826.08 3756454.49 0.00004 385888.52 3756454.49 0.00004
385950.96 3756454.49 0.00005 386013.40 3756454.49 0.00007
386075.84 3756454.49 0.00009 386138.28 3756454.49 0.00012
386169.50 3756454.49 0.00014 386200.72 3756454.49 0.00016
385826.08 3756486.57 0.00003 385888.52 3756486.57 0.00004
385950.96 3756486.57 0.00005 386013.40 3756486.57 0.00006
386075.84 3756486.57 0.00008 386138.28 3756486.57 0.00011
386169.50 3756486.57 0.00013 386200.72 3756486.57 0.00016
385826.08 3756518.65 0.00003 385888.52 3756518.65 0.00004
385950.96 3756518.65 0.00005 386013.40 3756518.65 0.00006
386075.84 3756518.65 0.00008 386138.28 3756518.65 0.00011
386169.50 3756518.65 0.00013 386200.72 3756518.65 0.00016
385950.96 3756550.73 0.00004 385888.52 3756550.73 0.00005
386075.84 3756550.73 0.00007 386138.28 3756550.73 0.00010
385826.08 3756582.81 0.00003 385888.52 3756582.81 0.00003
385950.96 3756582.81 0.00004 386013.40 3756582.81 0.00005
386075.84 3756582.81 0.00007 386138.28 3756582.81 0.00009
385826.08 3756614.89 0.00003 385888.52 3756614.89 0.00003
385950.96 3756614.89 0.00004 386013.40 3756614.89 0.00005
386075.84 3756614.89 0.00006 386138.28 3756614.89 0.00009
385826.08 3756646.97 0.00003 385888.52 3756646.97 0.00003
385950.96 3756646.97 0.00004 386013.40 3756646.97 0.00005
386075.84 3756646.97 0.00006 386138.28 3756646.97 0.00008
385826.08 3756679.05 0.00003 385888.52 3756679.05 0.00003
385950.96 3756679.05 0.00004 386013.40 3756679.05 0.00005
386075.84 3756679.05 0.00006 386138.28 3756679.05 0.00008
385826.08 3756711.13 0.00003 385888.52 3756711.13 0.00003
385950.96 3756711.13 0.00004 386013.40 3756711.13 0.00005
*** AERMOD - VERSION 09292 *** *** Jordan Downs Health Risk Assessment *** *** 04/20/11
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**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT
*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ATLASTRK ***
INCLUDING SOURCE(S):
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF TOXICS IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
386075.84 3756711.13 0.00006 386138.28 3756711.13 0.00008
386169.50 3756711.13 0.00010 386200.72 3756711.13 0.00012
386231.94 3756711.13 0.00014 386263.16 3756711.13 0.00018
386294.38 3756711.13 0.00024 386325.60 3756711.13 0.00033
386356.82 3756711.13 0.00047 385826.08 3756743.21 0.00003
385888.52 3756743.21 0.00003 385950.96 3756743.21 0.00004
386013.40 3756743.21 0.00005 386075.84 3756743.21 0.00006
386138.28 3756743.21 0.00008 386169.50 3756743.21 0.00009
386200.72 3756743.21 0.00011 386231.94 3756743.21 0.00013
386263.16 3756743.21 0.00016 386294.38 3756743.21 0.00021
386325.60 3756743.21 0.00027 386356.82 3756743.21 0.00037
385826.08 3756775.29 0.00003 385888.52 3756775.29 0.00003
385950.96 3756775.29 0.00004 386013.40 3756775.29 0.00005
386075.84 3756775.29 0.00006 386138.28 3756775.29 0.00007
386169.50 3756775.29 0.00008 386200.72 3756775.29 0.00010
386231.94 3756775.29 0.00012 386263.16 3756775.29 0.00014
386294.38 3756775.29 0.00018 386325.60 3756775.29 0.00023
386356.82 3756775.29 0.00029 385826.08 3756807.37 0.00003
385888.52 3756807.37 0.00003 385950.96 3756807.37 0.00004
386013.40 3756807.37 0.00004 386075.84 3756807.37 0.00005
386138.28 3756807.37 0.00007 386169.50 3756807.37 0.00008
386200.72 3756807.37 0.00009 386231.94 3756807.37 0.00011
386263.16 3756807.37 0.00013 386294.38 3756807.37 0.00015
386325.60 3756807.37 0.00019 386356.82 3756807.37 0.00023
385826.08 3756839.45 0.00003 385888.52 3756839.45 0.00003
385950.96 3756839.45 0.00004 386013.40 3756839.45 0.00004
386075.84 3756839.45 0.00005 386138.28 3756839.45 0.00006
386169.50 3756839.45 0.00007 386200.72 3756839.45 0.00008

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# Jordan Downs Health Risk Assessment

386231.94	3756839.45	0.00010	386263.16	3756839.45	0.00011
386294.38	3756839.45	0.00013	386325.60	3756839.45	0.00016
386356.82	3756839.45	0.00019	386386.08	3756871.53	0.00003
385888.52	3756871.53	0.00003	385950.96	3756871.53	0.00003
386013.40	3756871.53	0.00004	386075.84	3756871.53	0.00005
386138.28	3756871.53	0.00006	386169.50	3756871.53	0.00007
386200.72	3756871.53	0.00007	386231.94	3756871.53	0.00009
386263.16	3756871.53	0.00010	386294.38	3756871.53	0.00011
386325.60	3756871.53	0.00013	386356.82	3756871.53	0.00015
386395.44	3756664.20	0.00151	386391.14	3756710.42	0.00076
386347.07	3756696.35	0.00055	386294.39	3756667.42	0.00027
386228.82	3756666.35	0.00015	386170.77	3756664.20	0.00010

\*\*\* AERMOD - VERSION 09292 \*\*\*      \*\*\* Jordan Downs Health Risk Assessment      \*\*\*      04/20/11  
 \*\*\*      \*\*\*      \*\*\*      \*\*\*      \*\*\*      17:48:03  
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\*\*MODELOPTs: NonDEFAULT CONC      FLAT  
 NODRYDEFLT NOWETDPLT

\*\*\* THE ANNUAL AVERAGE CONCENTRATION      VALUES AVERAGED OVER      3 YEARS FOR SOURCE GROUP: ATLASTRK \*\*\*  
 INCLUDING SOURCE(S):      ATLASTRK,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF TOXICS      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
386253.54	3756480.37	0.00023	386251.39	3756426.62	0.00023
386248.17	3756356.75	0.00023			

\*\*\* AERMOD - VERSION 09292 \*\*\*      \*\*\* Jordan Downs Health Risk Assessment      \*\*\*      04/20/11  
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\*\*MODELOPTs: NonDEFAULT CONC      FLAT  
 NODRYDEFLT NOWETDPLT

\*\*\* THE ANNUAL AVERAGE CONCENTRATION      VALUES AVERAGED OVER      3 YEARS FOR SOURCE GROUP: JONESEQP \*\*\*  
 INCLUDING SOURCE(S):      JLYEQP ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF TOXICS      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
385826.08	3756358.25	0.00018	385888.52	3756358.25	0.00021
385950.96	3756358.25	0.00024	386013.40	3756358.25	0.00027
386075.84	3756358.25	0.00031	386138.28	3756358.25	0.00035
386169.50	3756358.25	0.00038	386200.72	3756358.25	0.00041
385826.08	3756390.33	0.00018	385888.52	3756390.33	0.00021
385950.96	3756390.33	0.00023	386013.40	3756390.33	0.00026
386075.84	3756390.33	0.00029	386138.28	3756390.33	0.00033
386169.50	3756390.33	0.00035	386200.72	3756390.33	0.00038
385826.08	3756422.41	0.00018	385888.52	3756422.41	0.00020
385950.96	3756422.41	0.00022	386013.40	3756422.41	0.00024
386075.84	3756422.41	0.00027	386138.28	3756422.41	0.00030
386169.50	3756422.41	0.00032	386200.72	3756422.41	0.00032
385826.08	3756454.49	0.00018	385888.52	3756454.49	0.00020
385950.96	3756454.49	0.00021	386013.40	3756454.49	0.00023
386075.84	3756454.49	0.00025	386138.28	3756454.49	0.00028
386169.50	3756454.49	0.00030	386200.72	3756454.49	0.00032
385826.08	3756486.57	0.00018	385888.52	3756486.57	0.00019
385950.96	3756486.57	0.00020	386013.40	3756486.57	0.00021
386075.84	3756486.57	0.00023	386138.28	3756486.57	0.00026
386169.50	3756486.57	0.00028	386200.72	3756486.57	0.00030
385826.08	3756518.65	0.00017	385888.52	3756518.65	0.00018
385950.96	3756518.65	0.00019	386013.40	3756518.65	0.00020
386075.84	3756518.65	0.00022	386138.28	3756518.65	0.00024
386169.50	3756518.65	0.00026	386200.72	3756518.65	0.00027
385826.08	3756550.73	0.00018	385888.52	3756550.73	0.00019
385950.96	3756550.73	0.00020	386013.40	3756550.73	0.00023
386075.84	3756550.73	0.00020	386138.28	3756550.73	0.00023
386169.50	3756550.73	0.00025	386200.72	3756550.73	0.00026
385826.08	3756582.81	0.00015	385888.52	3756582.81	0.00016
385950.96	3756582.81	0.00017	386013.40	3756582.81	0.00019
386075.84	3756582.81	0.00019	386138.28	3756582.81	0.00021
386169.50	3756582.81	0.00021	386200.72	3756582.81	0.00023
385826.08	3756614.89	0.00014	385888.52	3756614.89	0.00015
385950.96	3756614.89	0.00016	386013.40	3756614.89	0.00017
386075.84	3756614.89	0.00018	386138.28	3756614.89	0.00019
386169.50	3756614.89	0.00020	386200.72	3756614.89	0.00021
385826.08	3756646.97	0.00014	385888.52	3756646.97	0.00014
385950.96	3756646.97	0.00015	386013.40	3756646.97	0.00016
386075.84	3756646.97	0.00017	386138.28	3756646.97	0.00019
386169.50	3756646.97	0.00018	386200.72	3756646.97	0.00020
385826.08	3756679.05	0.00014	385888.52	3756679.05	0.00015
385950.96	3756679.05	0.00016	386013.40	3756679.05	0.00018
386075.84	3756679.05	0.00016	386138.28	3756679.05	0.00018
386169.50	3756679.05	0.00017	386200.72	3756679.05	0.00019
385826.08	3756711.13	0.00012	385888.52	3756711.13	0.00013
385950.96	3756711.13	0.00013	386013.40	3756711.13	0.00014

\*\*\* AERMOD - VERSION 09292 \*\*\*      \*\*\* Jordan Downs Health Risk Assessment      \*\*\*      04/20/11  
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\*\*MODELOPTs: NonDEFAULT CONC      FLAT  
 NODRYDEFLT NOWETDPLT

\*\*\* THE ANNUAL AVERAGE CONCENTRATION      VALUES AVERAGED OVER      3 YEARS FOR SOURCE GROUP: JONESEQP \*\*\*  
 INCLUDING SOURCE(S):      JLYEQP ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF TOXICS      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
386075.84	3756711.13	0.00016	386138.28	3756711.13	0.00018
386169.50	3756711.13	0.00019	386200.72	3756711.13	0.00020
386231.94	3756711.13	0.00021	386263.16	3756711.13	0.00023
386294.38	3756711.13	0.00025	386325.60	3756711.13	0.00027
386356.82	3756711.13	0.00028	386386.08	3756743.21	0.00012
385888.52	3756743.21	0.00012	385950.96	3756743.21	0.00013
386013.40	3756743.21	0.00014	386075.84	3756743.21	0.00015
386138.28	3756743.21	0.00017	386169.50	3756743.21	0.00018
386200.72	3756743.21	0.00019	386231.94	3756743.21	0.00020
386263.16	3756743.21	0.00022	386294.38	3756743.21	0.00023
386325.60	3756743.21	0.00025	386356.82	3756743.21	0.00027
385826.08	3756775.29	0.00011	385888.52	3756775.29	0.00012
385950.96	3756775.29	0.00012	386013.40	3756775.29	0.00013
386075.84	3756775.29	0.00014	386138.28	3756775.29	0.00016
386169.50	3756775.29	0.00017	386200.72	3756775.29	0.00018
386231.94	3756775.29	0.00019	386263.16	3756775.29	0.00021
386294.38	3756775.29	0.00022	386325.60	3756775.29	0.00024
386356.82	3756775.29	0.00026	386386.08	3756807.37	0.00011
385888.52	3756807.37	0.00011	385950.96	3756807.37	0.00012
386013.40	3756807.37	0.00013	386075.84	3756807.37	0.00014
386138.28	3756807.37	0.00015	386169.50	3756807.37	0.00016
386200.72	3756807.37	0.00017	386231.94	3756807.37	0.00019
386263.16	3756807.37	0.00020	386294.38	3756807.37	0.00021
386325.60	3756807.37	0.00023	386356.82	3756807.37	0.00024
385826.08	3756839.45	0.00010	385888.52	3756839.45	0.00011
385950.96	3756839.45	0.00011	386013.40	3756839.45	0.00012
386075.84	3756839.45	0.00013	386138.28	3756839.45	0.00015
386169.50	3756839.45	0.00016	386200.72	3756839.45	0.00017
386231.94	3756839.45	0.00018	386263.16	3756839.45	0.00019
386294.38	3756839.45	0.00020	386325.60	3756839.45	0.00022
386356.82	3756839.45	0.00023	386386.08	3756871.53	0.00010
385888.52	3756871.53	0.00010	385950.96	3756871.53	0.00011
386013.40	3756871.53	0.00012	386075.84	3756871.53	0.00013
386138.28	3756871.53	0.00014	386169.50	3756871.53	0.00015
386200.72	3756871.53	0.00016	386231.94	3756871.53	0.00017
386263.16	3756871.53	0.00018	386294.38	3756871.53	0.00020
386325.60	3756871.53	0.00021	386356.82	3756871.53	0.00022
386395.44	3756664.20	0.00034	386391.14	3756710.42	0.00031
386347.07	3756666.35	0.00030	386294.39	3756667.42	0.00026
386228.82	3756666.35	0.00023	386170.77	3756664.20	0.00020

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\*\*MODELOPTs: NonDEFAULT CONC      FLAT

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NODRYDPLT NOWETDPLT

\*\*\* THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: JONESEQP \*\*\*  
 INCLUDING SOURCE(S): JLYEQF ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF TOXICS IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
386253.54	3756480.37	0.00034	386251.39	3756426.62	0.00039
386248.17	3756356.75	0.00047			

\*\*\* AERMOD - VERSION 09292 \*\*\*  
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\*\*\*MODELOpts: NonDEFAULT CONC

FLAT  
 NODRYDPLT NOWETDPLT

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AMERICAN \*\*\*  
 INCLUDING SOURCE(S): AABLR ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF TOXICS IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
385826.08	3756358.25	0.23748	385888.52	3756358.25	0.25006
385950.96	3756358.25	0.26281	386013.40	3756358.25	0.27895
386075.84	3756358.25	0.29536	386138.28	3756358.25	0.31104
386169.50	3756358.25	0.31812	386200.72	3756358.25	0.32421
385826.08	3756390.33	0.23995	385888.52	3756390.33	0.25342
385950.96	3756390.33	0.26788	386013.40	3756390.33	0.28750
386075.84	3756390.33	0.29536	386138.28	3756390.33	0.31104
386169.50	3756390.33	0.31812	386200.72	3756390.33	0.32421

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\*\*\*MODELOpts: NonDEFAULT CONC

FLAT  
 NODRYDPLT NOWETDPLT

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AMERICAN \*\*\*  
 INCLUDING SOURCE(S): AABLR ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF TOXICS IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
385826.08	3756358.25	0.23748	385888.52	3756358.25	0.25006
385950.96	3756358.25	0.26281	386013.40	3756358.25	0.27895
386075.84	3756358.25	0.29536	386138.28	3756358.25	0.31104
386169.50	3756358.25	0.31812	386200.72	3756358.25	0.32421
385826.08	3756390.33	0.23995	385888.52	3756390.33	0.25342
385950.96	3756390.33	0.26788	386013.40	3756390.33	0.28750
386075.84	3756390.33	0.29536	386138.28	3756390.33	0.31104
386169.50	3756390.33	0.31812	386200.72	3756390.33	0.32421

\*\*\* AERMOD - VERSION 09292 \*\*\*  
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\*\*\*MODELOpts: NonDEFAULT CONC

FLAT  
 NODRYDPLT NOWETDPLT

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AMERICAN \*\*\*  
 INCLUDING SOURCE(S): AABLR ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF TOXICS IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
386075.84	3756711.13	0.28672	386138.28	3756711.13	0.29999
386169.50	3756711.13	0.30480	386200.72	3756711.13	0.31038
386231.94	3756711.13	0.31481	386263.16	3756711.13	0.31917
386294.38	3756711.13	0.32326	386325.60	3756711.13	0.32377
386356.82	3756711.13	0.33184	386388.04	3756711.13	0.32808
385888.52	3756743.21	0.24428	385950.96	3756743.21	0.25912
386013.40	3756743.21	0.26991	386075.84	3756743.21	0.28491
386138.28	3756743.21	0.29690	386169.50	3756743.21	0.30234
386200.72	3756743.21	0.30845	386231.94	3756743.21	0.31627
386263.16	3756743.21	0.31814	386294.38	3756743.21	0.32400
386325.60	3756743.21	0.32360	386356.82	3756743.21	0.32443
385826.08	3756775.29	0.23154	385888.52	3756775.29	0.24283
385950.96	3756775.29	0.25343	386013.40	3756775.29	0.26867
386075.84	3756775.29	0.28144	386138.28	3756775.29	0.29335
386169.50	3756775.29	0.30302	386200.72	3756775.29	0.30736
386231.94	3756775.29	0.31348	386263.16	3756775.29	0.31477
386294.38	3756775.29	0.32020	386325.60	3756775.29	0.32318
386356.82	3756775.29	0.32481	386388.04	3756775.29	0.32665
385888.52	3756807.37	0.23866	385950.96	3756807.37	0.25244
386013.40	3756807.37	0.26534	386075.84	3756807.37	0.27658
386138.28	3756807.37	0.29350	386169.50	3756807.37	0.29867
386200.72	3756807.37	0.30459	386231.94	3756807.37	0.30904
386263.16	3756807.37	0.31648	386294.38	3756807.37	0.31701
386325.60	3756807.37	0.32036	386356.82	3756807.37	0.32159
385826.08	3756839.45	0.23121	385888.52	3756839.45	0.23685
385950.96	3756839.45	0.24952	386013.40	3756839.45	0.25963
386075.84	3756839.45	0.27755	386138.28	3756839.45	0.28988
386169.50	3756839.45	0.29335	386200.72	3756839.45	0.30187
386231.94	3756839.45	0.30843	386263.16	3756839.45	0.30841
386294.38	3756839.45	0.31249	386325.60	3756839.45	0.31740
386356.82	3756839.45	0.32248	386388.04	3756839.45	0.32355
385888.52	3756871.53	0.23444	385950.96	3756871.53	0.24359
386013.40	3756871.53	0.26110	386075.84	3756871.53	0.27290
386138.28	3756871.53	0.28372	386169.50	3756871.53	0.29263
386200.72	3756871.53	0.29844	386231.94	3756871.53	0.29932
386263.16	3756871.53	0.30372	386294.38	3756871.53	0.31031
386325.60	3756871.53	0.31581	386356.82	3756871.53	0.31665
386388.04	3756871.53	0.31711	386388.04	3756871.53	0.31853
386347.07	3756666.35	0.31837	386294.38	3756667.42	0.32215
386228.82	3756666.35	0.31894	386170.77	3756664.20	0.31014

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\*\*\*MODELOpts: NonDEFAULT CONC

FLAT  
 NODRYDPLT NOWETDPLT

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AMERICAN \*\*\*  
 INCLUDING SOURCE(S): AABLR ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF TOXICS IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
386253.54	3756480.37	0.35843	386251.39	3756426.62	0.37115
386248.17	3756356.75	0.32869			

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Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Includes header information: \*\*MODELOPTs: NonDEFAULT CONC, FLAT, NODRYDPLT NOWETDPLT, and source group: ATLASQP.

Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Includes header information: \*\*MODELOPTs: NonDEFAULT CONC, FLAT, NODRYDPLT NOWETDPLT, and source group: ATLASQP.

Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Includes header information: \*\*MODELOPTs: NonDEFAULT CONC, FLAT, NODRYDPLT NOWETDPLT, and source group: ATLASQP.

Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Includes header information: \*\*MODELOPTs: NonDEFAULT CONC, FLAT, NODRYDPLT NOWETDPLT, and source group: EASTERN.

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385826.08 3756390.33 0.03305 (05041807) 385888.52 3756390.33 0.03452 (05041807)
385950.96 3756390.33 0.03585 (05041807) 386013.40 3756390.33 0.03702 (05041807)
386075.84 3756390.33 0.03804 (05041807) 386138.28 3756390.33 0.03889 (05041807)
386169.50 3756390.33 0.03924 (05041807) 386200.72 3756390.33 0.03954 (05041807)
385826.08 3756422.41 0.03465 (05041807) 385888.52 3756422.41 0.03589 (05041807)
385950.96 3756422.41 0.03698 (05041807) 386013.40 3756422.41 0.03789 (05041807)
386075.84 3756422.41 0.03934 (05041807) 386138.28 3756422.41 0.03916 (05041807)
386169.50 3756422.41 0.03934 (05041807) 386200.72 3756422.41 0.03946 (05041807)
385826.08 3756454.49 0.03588 (05041807) 385888.52 3756454.49 0.03688 (05041807)
385950.96 3756454.49 0.03770 (05041807) 386013.40 3756454.49 0.03832 (05041807)
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386169.50 3756454.49 0.03892 (05041807) 386200.72 3756454.49 0.03884 (05041807)
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386075.84 3756486.57 0.03837 (05041807) 386138.28 3756486.57 0.03819 (05041807)
386169.50 3756486.57 0.03799 (05041807) 386200.72 3756486.57 0.03773 (05041807)
385826.08 3756518.65 0.03716 (05041807) 385888.52 3756518.65 0.03759 (05041807)
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386075.84 3756518.65 0.03751 (05041807) 386138.28 3756518.65 0.03698 (05041807)
385826.08 3756550.73 0.03715 (05041807) 385888.52 3756550.73 0.03727 (05041807)
385950.96 3756550.73 0.03715 (05041807) 386013.40 3756550.73 0.03679 (05041807)
386075.84 3756550.73 0.03617 (05041807) 386138.28 3756550.73 0.03529 (05041807)
385826.08 3756582.81 0.03668 (05041807) 385888.52 3756582.81 0.03647 (05041807)
385950.96 3756582.81 0.03602 (05041807) 386013.40 3756582.81 0.03530 (05041807)
386075.84 3756582.81 0.03432 (05041807) 386138.28 3756582.81 0.03307 (05041807)
385826.08 3756614.89 0.03574 (05041807) 385888.52 3756614.89 0.03519 (05041807)
385950.96 3756614.89 0.03438 (05041807) 386013.40 3756614.89 0.03329 (05041807)
386075.84 3756614.89 0.03193 (05041807) 386138.28 3756614.89 0.03027 (05041807)
385826.08 3756646.97 0.03432 (05041807) 385888.52 3756646.97 0.03340 (05041807)
385950.96 3756646.97 0.03221 (05041807) 386013.40 3756646.97 0.03074 (05041807)
386075.84 3756646.97 0.03243 (05041807) 386138.28 3756646.97 0.03111 (05041807)
385826.08 3756679.05 0.03240 (05041807) 385888.52 3756679.05 0.03111 (05041807)
385950.96 3756679.05 0.02954 (05041807) 386013.40 3756679.05 0.02767 (05041807)
386075.84 3756679.05 0.02548 (05041807) 386138.28 3756679.05 0.02294 (05041807)
385826.08 3756711.13 0.03129 (05041807) 385888.52 3756711.13 0.02835 (05041807)
385950.96 3756711.13 0.02641 (05041807) 386013.40 3756711.13 0.02417 (05041807)
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\*\*MODELOPTS: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT PAGE 74
\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EASTERN \*\*\*
INCLUDING SOURCE(S): EASTTRKS,
\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*
\*\* CONC OF TOXICS IN MICROGRAMS/M\*\*3 \*\*
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
386075.84 3756711.13 0.02161 (05041807) 386138.28 3756711.13 0.01873 (05041807)
386169.50 3756711.13 0.01718 (05041807) 386200.72 3756711.13 0.01557 (05041807)
386231.94 3756711.13 0.01390 (05041807) 386263.16 3756711.13 0.01219 (05041807)
386294.38 3756711.13 0.01218 (05052202) 386325.60 3756711.13 0.01289 (05052202)
386356.82 3756711.13 0.01143 (05052202) 386388.00 3756711.13 0.01219 (05041807)
385888.52 3756743.21 0.02521 (05041807) 385950.96 3756743.21 0.02294 (05041807)
386013.40 3756743.21 0.02039 (05041807) 386075.84 3756743.21 0.01759 (05041807)
386138.28 3756743.21 0.01457 (05041807) 386169.50 3756743.21 0.01301 (05041807)
386200.72 3756743.21 0.01143 (05041807) 386231.94 3756743.21 0.01106 (05041807)
386263.16 3756743.21 0.01169 (05052202) 386294.38 3756743.21 0.01230 (05052202)
386325.60 3756743.21 0.01277 (05052202) 386356.82 3756743.21 0.01351 (05051403)
385826.08 3756775.29 0.02406 (05041807) 385888.52 3756775.29 0.02179 (05041807)
385950.96 3756775.29 0.01929 (05041807) 386013.40 3756775.29 0.01657 (05041807)
386075.84 3756775.29 0.01370 (05041807) 386138.28 3756775.29 0.01077 (05041807)
386169.50 3756775.29 0.01028 (05041723) 386200.72 3756775.29 0.01066 (05052202)
386231.94 3756775.29 0.01124 (05052202) 386263.16 3756775.29 0.01174 (05052202)
386294.38 3756775.29 0.01173 (06020501) 386325.60 3756775.29 0.01164 (05041807)
386356.82 3756775.29 0.01340 (05041806) 385826.08 3756807.37 0.02072 (05041807)
385888.52 3756807.37 0.01827 (05041807) 385950.96 3756807.37 0.01566 (05041807)
386013.40 3756807.37 0.01294 (05041807) 386075.84 3756807.37 0.01020 (05041807)
386138.28 3756807.37 0.00987 (05041723) 386169.50 3756807.37 0.01030 (05052202)
386200.72 3756807.37 0.01081 (05052202) 386231.94 3756807.37 0.01122 (05052202)
386263.16 3756807.37 0.01163 (06020501) 386294.38 3756807.37 0.01220 (05051403)
386325.60 3756807.37 0.01271 (05041806) 386356.82 3756807.37 0.01334 (07070205)
385826.08 3756839.45 0.01743 (06020501) 385888.52 3756839.45 0.01484 (05041807)
385950.96 3756839.45 0.01226 (05041807) 386013.40 3756839.45 0.00970 (05041807)
386075.84 3756839.45 0.00926 (05041723) 386138.28 3756839.45 0.00997 (05052202)
386169.50 3756839.45 0.01040 (05052202) 386200.72 3756839.45 0.01073 (05052202)
386231.94 3756839.45 0.01294 (05041807) 386263.16 3756839.45 0.01164 (05051403)
386294.38 3756839.45 0.01209 (05041806) 386325.60 3756839.45 0.01265 (07070205)
386356.82 3756839.45 0.01475 (07102708) 385826.08 3756871.53 0.01410 (05041807)
385888.52 3756871.53 0.01165 (05041807) 385950.96 3756871.53 0.00925 (05041807)
386013.40 3756871.53 0.01092 (05071007) 386075.84 3756871.53 0.00925 (05052202)
386138.28 3756871.53 0.01001 (05052202) 386169.50 3756871.53 0.01027 (05052202)
386200.72 3756871.53 0.01069 (06020501) 386231.94 3756871.53 0.01113 (05051403)
386263.16 3756871.53 0.01153 (05041806) 386294.38 3756871.53 0.01203 (07070205)
386325.60 3756871.53 0.01282 (07102708) 386356.82 3756871.53 0.01656 (07102708)
386395.44 3756664.20 0.01453 (05052202) 386391.14 3756710.42 0.01437 (05051403)
386347.07 3756666.35 0.01370 (05041807) 386294.39 3756667.42 0.01670 (05041807)
386228.82 3756666.35 0.02041 (05041807) 386170.77 3756664.20 0.02344 (05041807)
\*\*\* AERMOD - VERSION 09292 \*\*\* \*\* Jordan Downs Health Risk Assessment \*\*\* 04/20/11
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\*\*MODELOPTS: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT PAGE 75
\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EASTERN \*\*\*
INCLUDING SOURCE(S): EASTTRKS,
\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*
\*\* CONC OF TOXICS IN MICROGRAMS/M\*\*3 \*\*
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
386253.54 3756480.37 0.03741 (05041807) 386251.39 3756426.62 0.03941 (05041807)
386248.17 3756356.75 0.03969 (05041807)
\*\*\* AERMOD - VERSION 09292 \*\*\* \*\* Jordan Downs Health Risk Assessment \*\*\* 04/20/11
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\*\*MODELOPTS: NonDEFAULT CONC FLAT NODRYDPLT NOWETDPLT PAGE 76
\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: JONESTRK \*\*\*
INCLUDING SOURCE(S): JLYTRK,
\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*
\*\* CONC OF TOXICS IN MICROGRAMS/M\*\*3 \*\*
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
385826.08 3756358.25 0.06403 (05041807) 385888.52 3756358.25 0.05121 (05041807)
385950.96 3756358.25 0.03823 (05041807) 386013.40 3756358.25 0.03484 (07040607)
386075.84 3756358.25 0.04457 (06042606) 386138.28 3756358.25 0.05235 (05041806)
386169.50 3756358.25 0.05505 (05041806) 386200.72 3756358.25 0.05633 (05038006)
385826.08 3756390.33 0.04826 (05041807) 385888.52 3756390.33 0.03636 (05041807)
385950.96 3756390.33 0.03095 (07040607) 386013.40 3756390.33 0.03665 (06042606)
386075.84 3756390.33 0.04615 (06042606) 386138.28 3756390.33 0.05136 (05041806)
386169.50 3756390.33 0.05251 (05038006) 386200.72 3756390.33 0.05168 (05038006)
385826.08 3756422.41 0.03740 (05041807) 385888.52 3756422.41 0.02740 (07040607)
385950.96 3756422.41 0.03312 (06042606) 386013.40 3756422.41 0.03964 (06042606)
386075.84 3756422.41 0.04567 (05041806) 386138.28 3756422.41 0.04909 (05038006)
386169.50 3756422.41 0.04872 (05038006) 386200.72 3756422.41 0.04530 (05038006)
385826.08 3756454.49 0.02470 (05071507) 385888.52 3756454.49 0.02801 (07040607)
385950.96 3756454.49 0.03312 (06042606) 386013.40 3756454.49 0.04092 (06042606)
386075.84 3756454.49 0.04518 (05041806) 386138.28 3756454.49 0.04602 (05038006)
386169.50 3756454.49 0.04325 (05038006) 386200.72 3756454.49 0.04250 (07011909)
385826.08 3756486.57 0.02522 (07040607) 385888.52 3756486.57 0.02758 (07040607)
385950.96 3756486.57 0.03560 (06042606) 386013.40 3756486.57 0.04036 (06042606)
386075.84 3756486.57 0.04322 (05041806) 386138.28 3756486.57 0.04134 (05038006)
386169.50 3756486.57 0.04057 (07011909) 386200.72 3756486.57 0.04209 (07011909)



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385826.08 3756518.65 0.02537 (0704607) 385888.52 3756518.65 0.03016 (06042606)
385950.96 3756518.65 0.03665 (06042606) 386013.40 3756518.65 0.04019 (05041806)
386075.84 3756518.65 0.04125 (05038086) 386138.28 3756518.65 0.03867 (07011909)
385826.08 3756550.73 0.02500 (06042606) 385888.52 3756550.73 0.03224 (06042606)
385950.96 3756550.73 0.03617 (06042606) 386013.40 3756550.73 0.03837 (05041806)
386075.84 3756550.73 0.03785 (05038086) 386138.28 3756550.73 0.03899 (07011909)
385826.08 3756582.81 0.02763 (06042606) 385888.52 3756582.81 0.03310 (06042606)
385950.96 3756582.81 0.03607 (05041806) 386013.40 3756582.81 0.03718 (05038086)
386075.84 3756582.81 0.03500 (07011909) 386138.28 3756582.81 0.03868 (07011909)
385826.08 3756614.89 0.02940 (06042606) 385888.52 3756614.89 0.03268 (06042606)
385950.96 3756614.89 0.03474 (05041806) 386013.40 3756614.89 0.03472 (05038086)
386075.84 3756614.89 0.03582 (07011909) 386138.28 3756614.89 0.03779 (07011909)
385826.08 3756646.97 0.03012 (06042606) 385888.52 3756646.97 0.03261 (05041806)
385950.96 3756646.97 0.03365 (05038086) 386013.40 3756646.97 0.03162 (07011909)
386075.84 3756646.97 0.03608 (07011909) 386138.28 3756646.97 0.03643 (07011909)
385826.08 3756679.05 0.02975 (06042606) 385888.52 3756679.05 0.03165 (05041806)
385950.96 3756679.05 0.03192 (05038086) 386013.40 3756679.05 0.03273 (07011909)
386075.84 3756679.05 0.03583 (07011909) 386138.28 3756679.05 0.03470 (07011909)
385826.08 3756711.13 0.02968 (05041806) 385888.52 3756711.13 0.03058 (05038086)
385950.96 3756711.13 0.02928 (05038086) 386013.40 3756711.13 0.03339 (07011909)
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**MODELOPTS: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: JONESTRK ***
INCLUDING SOURCE(S): JLYTRK ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF TOXICS IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
386075.84 3756711.13 0.03513 (07011909) 386138.28 3756711.13 0.03269 (07011909)
386169.50 3756711.13 0.02995 (07011909) 386200.72 3756711.13 0.02883 (07051508)
386231.94 3756711.13 0.03508 (07062706) 386263.16 3756711.13 0.03944 (07062706)
386294.38 3756711.13 0.04088 (07062706) 386325.60 3756711.13 0.03932 (07111506)
386356.82 3756711.13 0.04240 (07111506) 385826.08 3756743.21 0.02900 (05041806)
385888.52 3756743.21 0.02939 (05038086) 385950.96 3756743.21 0.02984 (07011909)
386013.40 3756743.21 0.03361 (07011909) 386075.84 3756743.21 0.03404 (07011909)
386138.28 3756743.21 0.03005 (07011909) 386169.50 3756743.21 0.02743 (07011909)
386200.72 3756743.21 0.03022 (07051508) 386231.94 3756743.21 0.03542 (07062706)
386263.16 3756743.21 0.03858 (07062706) 386294.38 3756743.21 0.03883 (07062706)
386325.60 3756743.21 0.03875 (07111506) 386356.82 3756743.21 0.04077 (07111506)
385826.08 3756775.29 0.02789 (05038086) 385888.52 3756775.29 0.02739 (05038086)
385950.96 3756775.29 0.03076 (07011909) 386013.40 3756775.29 0.03348 (07011909)
386075.84 3756775.29 0.03264 (07011909) 386138.28 3756775.29 0.02823 (07011909)
386169.50 3756775.29 0.02669 (07051508) 386200.72 3756775.29 0.03137 (07051508)
386231.94 3756775.29 0.03535 (07062706) 386263.16 3756775.29 0.03739 (07051508)
386294.38 3756775.29 0.03076 (07051508) 386325.60 3756775.29 0.03797 (07111506)
386356.82 3756775.29 0.03902 (07111506) 385826.08 3756807.37 0.02712 (05038086)
385888.52 3756807.37 0.02719 (07011909) 385950.96 3756807.37 0.03132 (07011909)
386013.40 3756807.37 0.03286 (07011909) 386075.84 3756807.37 0.03100 (07011909)
386138.28 3756807.37 0.02591 (07011909) 386169.50 3756807.37 0.02805 (07051508)
386200.72 3756807.37 0.03226 (07051508) 386231.94 3756807.37 0.03540 (07051508)
386263.16 3756807.37 0.03698 (07051508) 386294.38 3756807.37 0.03673 (07051508)
386325.60 3756807.37 0.03700 (07111506) 386356.82 3756807.37 0.03763 (07051016)
385826.08 3756839.45 0.02566 (05038086) 385888.52 3756839.45 0.02827 (07011909)
385950.96 3756839.45 0.03150 (07011909) 386013.40 3756839.45 0.03198 (07011909)
386075.84 3756839.45 0.02919 (07011909) 386138.28 3756839.45 0.02480 (07051508)
386169.50 3756839.45 0.02921 (07051508) 386200.72 3756839.45 0.03292 (07051508)
386231.94 3756839.45 0.03076 (07051508) 386263.16 3756839.45 0.03368 (07051508)
386294.38 3756839.45 0.03554 (07051508) 386325.60 3756839.45 0.03587 (07111506)
386356.82 3756839.45 0.03653 (07051016) 385826.08 3756871.53 0.02477 (07011909)
385888.52 3756871.53 0.02905 (07011909) 385950.96 3756871.53 0.03136 (07011909)
386013.40 3756871.53 0.03013 (07011909) 386075.84 3756871.53 0.02727 (07011909)
386138.28 3756871.53 0.02612 (07051508) 386169.50 3756871.53 0.03015 (07051508)
386200.72 3756871.53 0.03335 (07051508) 386231.94 3756871.53 0.03526 (07051508)
386263.16 3756871.53 0.03560 (07051508) 386294.38 3756871.53 0.03425 (07051508)
386325.60 3756871.53 0.03511 (07111506) 386356.82 3756871.53 0.03529 (05021016)
386395.44 3756664.20 0.04889 (07043007) 386391.14 3756710.42 0.04781 (07043007)
386347.07 3756666.35 0.04330 (07111506) 386294.39 3756667.42 0.04321 (07062706)
386228.82 3756666.35 0.03317 (07062706) 386170.77 3756664.20 0.03341 (07011909)
*** AERMOD - VERSION 09292 *** ** Jordan Downs Health Risk Assessment *** ** 04/20/11
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**MODELOPTS: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: JONESTRK ***
INCLUDING SOURCE(S): JLYTRK ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF TOXICS IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
386253.54 3756480.37 0.04107 (07011909) 386251.39 3756426.62 0.04469 (07011909)
386248.17 3756356.75 0.05309 (05038086)
*** AERMOD - VERSION 09292 *** ** Jordan Downs Health Risk Assessment *** ** 04/20/11
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**MODELOPTS: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NORTHERN ***
INCLUDING SOURCE(S): NORTRK ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF TOXICS IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
385826.08 3756358.25 0.01449 (05082807) 385888.52 3756358.25 0.01467 (05082807)
385950.96 3756358.25 0.01339 (05082807) 386013.40 3756358.25 0.01542 (05062007)
386075.84 3756358.25 0.01731 (05062007) 386138.28 3756358.25 0.01766 (05102808)
386169.50 3756358.25 0.01671 (05102808) 386200.72 3756358.25 0.01838 (07070306)
385826.08 3756390.33 0.01431 (05082807) 385888.52 3756390.33 0.01505 (05082807)
385950.96 3756390.33 0.01436 (05082807) 386013.40 3756390.33 0.01489 (05062007)
386075.84 3756390.33 0.01742 (05062007) 386138.28 3756390.33 0.01821 (05102808)
386169.50 3756390.33 0.01762 (05102808) 386200.72 3756390.33 0.01831 (07070306)
385826.08 3756422.41 0.01392 (05082807) 385888.52 3756422.41 0.01517 (05082807)
385950.96 3756422.41 0.01514 (05082807) 386013.40 3756422.41 0.01420 (05062007)
386075.84 3756422.41 0.01733 (05062007) 386138.28 3756422.41 0.01860 (05102808)
386169.50 3756422.41 0.01843 (05102808) 386200.72 3756422.41 0.01812 (07070306)
385826.08 3756454.49 0.01333 (05082807) 385888.52 3756454.49 0.01505 (05082807)
385950.96 3756454.49 0.01566 (05082807) 386013.40 3756454.49 0.01460 (05082807)
386075.84 3756454.49 0.01703 (05062007) 386138.28 3756454.49 0.01879 (05102808)
386169.50 3756454.49 0.01909 (05102808) 386200.72 3756454.49 0.01831 (05102808)
385826.08 3756486.57 0.01257 (05082807) 385888.52 3756486.57 0.01466 (05082807)
385950.96 3756486.57 0.01589 (05082807) 386013.40 3756486.57 0.01559 (05062007)
386075.84 3756486.57 0.01651 (05062007) 386138.28 3756486.57 0.01897 (05062007)
386169.50 3756486.57 0.01956 (05102808) 386200.72 3756486.57 0.01927 (05102808)
385826.08 3756518.65 0.01168 (05082807) 385888.52 3756518.65 0.01406 (05082807)
385950.96 3756518.65 0.01562 (05082807) 386013.40 3756518.65 0.01629 (05082807)
386075.84 3756518.65 0.01579 (05062007) 386138.28 3756518.65 0.01907 (05062007)
385826.08 3756550.73 0.01107 (07121809) 385888.52 3756550.73 0.01326 (05082807)
385950.96 3756550.73 0.01546 (05082807) 386013.40 3756550.73 0.01665 (05082807)
386075.84 3756550.73 0.01562 (05082807) 386138.28 3756550.73 0.01888 (05062007)
385826.08 3756582.81 0.01075 (07121809) 385888.52 3756582.81 0.01233 (05082807)
385950.96 3756582.81 0.01483 (05082807) 386013.40 3756582.81 0.01665 (05082807)
386075.84 3756582.81 0.01695 (05082807) 386138.28 3756582.81 0.01840 (05062007)
385826.08 3756614.89 0.01562 (07121809) 385888.52 3756614.89 0.01330 (05082807)
385950.96 3756614.89 0.01400 (05082807) 386013.40 3756614.89 0.01630 (05082807)
386075.84 3756614.89 0.01748 (05082807) 386138.28 3756614.89 0.01765 (05062007)
385826.08 3756646.97 0.00964 (07121809) 385888.52 3756646.97 0.01086 (07121809)
385950.96 3756646.97 0.01301 (05082807) 386013.40 3756646.97 0.01565 (05082807)
386075.84 3756646.97 0.01755 (05082807) 386138.28 3756646.97 0.01764 (05082807)
385826.08 3756679.05 0.00894 (07121809) 385888.52 3756679.05 0.01028 (07121809)
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385950.96 3756679.05 0.01193 (05082807) 386013.40 3756679.05 0.01476 (05082807)
386075.84 3756679.05 0.01720 (05082807) 386138.28 3756679.05 0.01837 (05082807)
385826.08 3756711.13 0.00951 (05102508) 385888.52 3756711.13 0.00960 (07121809)
385950.96 3756711.13 0.01090 (07121809) 386013.40 3756711.13 0.01372 (05082807)
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\*\*MODELOPTS: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NORTHERN \*\*\*
INCLUDING SOURCE(S): NORTTRK ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*
\*\* CONC OF TOXICS IN MICROGRAMS/M\*\*3 \*\*

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains multiple rows of concentration data for various coordinates.

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\*\*MODELOPTS: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NORTHERN \*\*\*
INCLUDING SOURCE(S): NORTTRK ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*
\*\* CONC OF TOXICS IN MICROGRAMS/M\*\*3 \*\*

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains multiple rows of concentration data for various coordinates.

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\*\*\* 17:48:03
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\*\*MODELOPTS: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SOUTHERN \*\*\*
INCLUDING SOURCE(S): SOUTHTRK ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*
\*\* CONC OF TOXICS IN MICROGRAMS/M\*\*3 \*\*

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains multiple rows of concentration data for various coordinates.

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\*\*MODELOPTS: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SOUTHERN \*\*\*
INCLUDING SOURCE(S): SOUTHTRK ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*
\*\* CONC OF TOXICS IN MICROGRAMS/M\*\*3 \*\*

# Jordan Downs Health Risk Assessment

X-COORD (M)	Y-COORD (M)	CONC	(YMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YMMDDHH)
386075.84	3756711.13	0.01234	(05041806)	386138.28	3756711.13	0.01324	(07061402)
386169.50	3756711.13	0.01408	(07090302)	386200.72	3756711.13	0.01424	(07122822)
386231.94	3756711.13	0.01921	(07102708)	386263.16	3756711.13	0.02448	(07102708)
386294.38	3756711.13	0.02881	(07102708)	386325.60	3756711.13	0.03109	(07102708)
386356.82	3756711.13	0.03053	(07102708)	385826.08	3756743.21	0.00878	(05041723)
385888.52	3756743.21	0.00918	(05041723)	385950.96	3756743.21	0.01034	(05052202)
386013.40	3756743.21	0.01115	(05051403)	386075.84	3756743.21	0.01202	(07070205)
386138.28	3756743.21	0.01303	(07090302)	386169.50	3756743.21	0.01324	(07090302)
386200.72	3756743.21	0.01621	(07102708)	386231.94	3756743.21	0.02124	(07102708)
386263.16	3756743.21	0.02591	(07102708)	386294.38	3756743.21	0.02922	(07102708)
386325.60	3756743.21	0.03028	(07102708)	386356.82	3756743.21	0.02863	(07102708)
385826.08	3756775.29	0.00861	(05041723)	385888.52	3756775.29	0.00943	(05052202)
385950.96	3756775.29	0.01002	(06020501)	386013.40	3756775.29	0.01081	(05041806)
386075.84	3756775.29	0.01158	(07070205)	386138.28	3756775.29	0.01249	(07090302)
386169.50	3756775.29	0.01360	(07102708)	386200.72	3756775.29	0.01824	(07102708)
386231.94	3756775.29	0.02293	(07102708)	386263.16	3756775.29	0.02684	(07102708)
386294.38	3756775.29	0.02911	(07102708)	386325.60	3756775.29	0.02907	(07102708)
386356.82	3756775.29	0.02656	(07102708)	385826.08	3756807.37	0.00840	(05052202)
385888.52	3756807.37	0.00917	(05052202)	385950.96	3756807.37	0.00988	(05051403)
386138.28	3756807.37	0.01179	(07122822)	386169.50	3756807.37	0.01116	(07090302)
386200.72	3756807.37	0.02005	(07102708)	386231.94	3756807.37	0.02423	(07102708)
386263.16	3756807.37	0.02731	(07102708)	386294.38	3756807.37	0.02856	(07102708)
386325.60	3756807.37	0.03107	(07102708)	386356.82	3756807.37	0.03241	(07102708)
385826.08	3756839.45	0.00851	(05052202)	385888.52	3756839.45	0.00897	(06020501)
385950.96	3756839.45	0.00956	(05041806)	386013.40	3756839.45	0.01028	(07070205)
386075.84	3756839.45	0.01104	(07090302)	386138.28	3756839.45	0.01319	(07102708)
386169.50	3756839.45	0.01737	(07102708)	386200.72	3756839.45	0.02156	(07102708)
386231.94	3756839.45	0.02512	(07102708)	386263.16	3756839.45	0.02734	(07102708)
386294.38	3756839.45	0.02766	(07102708)	386325.60	3756839.45	0.02587	(07102708)
386356.82	3756839.45	0.02226	(07102708)	385826.08	3756871.53	0.00818	(05052202)
385888.52	3756871.53	0.00843	(05051403)	385950.96	3756871.53	0.00931	(05041806)
386013.40	3756871.53	0.00984	(07090701)	386075.84	3756871.53	0.01046	(07090302)
386138.28	3756871.53	0.01494	(07102708)	386169.50	3756871.53	0.01899	(07102708)
386200.72	3756871.53	0.02276	(07102708)	386231.94	3756871.53	0.02562	(07102708)
386263.16	3756871.53	0.02767	(07102708)	386294.38	3756871.53	0.02648	(07102708)
386325.60	3756871.53	0.02407	(07102708)	385826.08	3756807.37	0.00817	(05052202)
386395.44	3756664.20	0.02979	(07102708)	386391.14	3756710.42	0.02666	(07102708)
386347.07	3756666.35	0.03260	(07102708)	386294.38	3756667.42	0.02734	(07102708)
386228.82	3756666.35	0.01567	(07122822)	386170.77	3756664.20	0.01461	(07070205)

\*\*\* AERMOD - VERSION 09292 \*\*\*  
 \*\*\* Jordan Downs Health Risk Assessment \*\*\*  
 \*\*\*  
 \*\* MODELOPTs: NonDEFAULT CONC  
 FLAT  
 NODRYDPLT NOMETDPLT  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SOUTHRK \*\*\*  
 INCLUDING SOURCE(S): SOUTHRK,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
 \*\* CONC OF TOXICS IN MICROGRAMS/M\*\*3 \*\*  
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X-COORD (M)	Y-COORD (M)	CONC	(YMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YMMDDHH)
386253.54	3756480.37	0.02053	(05052202)	386251.39	3756426.62	0.02387	(05041807)
386248.17	3756480.37	0.01564	(05041723)				

\*\*\* AERMOD - VERSION 09292 \*\*\*  
 \*\*\* Jordan Downs Health Risk Assessment \*\*\*  
 \*\*\*  
 \*\* MODELOPTs: NonDEFAULT CONC  
 FLAT  
 NODRYDPLT NOMETDPLT  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRAIN \*\*\*  
 INCLUDING SOURCE(S): L000001, L000002, L000003, L000004, L000005, L000006, L000007, L000008, L000009, L000010, L000011, L000012, L000013, L000014, L000015, L000016, L000017, L000018, L000019, L000020, L000021, L000022, L000023, L000024, L000025, L000026, L000027, L000028, L000029, L000030, . . . ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
 \*\* CONC OF TOXICS IN MICROGRAMS/M\*\*3 \*\*  
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X-COORD (M)	Y-COORD (M)	CONC	(YMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YMMDDHH)
385826.08	3756358.25	0.01295	(07031308)	385888.52	3756358.25	0.01443	(07031308)
385950.96	3756358.25	0.01501	(07031308)	386013.40	3756358.25	0.01531	(07031308)
386075.84	3756358.25	0.01561	(07031308)	386138.28	3756358.25	0.01828	(05121709)
386169.50	3756358.25	0.01982	(05121709)	386200.72	3756358.25	0.02077	(05121709)
385826.08	3756390.33	0.01277	(07110508)	385888.52	3756390.33	0.01430	(07031308)
385950.96	3756390.33	0.01503	(07031308)	386013.40	3756390.33	0.01536	(07031308)
386075.84	3756390.33	0.01561	(07031308)	386138.28	3756390.33	0.01785	(05121709)
386169.50	3756390.33	0.01966	(05121709)	386200.72	3756390.33	0.02074	(05121709)
385826.08	3756422.41	0.01280	(07110508)	385888.52	3756422.41	0.01411	(07031308)
385950.96	3756422.41	0.01503	(07031308)	386013.40	3756422.41	0.01541	(07031308)
386075.84	3756422.41	0.01571	(07031308)	386138.28	3756422.41	0.01758	(05121709)
386169.50	3756422.41	0.01947	(05121709)	386200.72	3756422.41	0.02069	(05121709)
385826.08	3756454.49	0.01284	(07110508)	385888.52	3756454.49	0.01385	(07031308)
385950.96	3756454.49	0.01500	(07031308)	386013.40	3756454.49	0.01545	(07031308)
386075.84	3756454.49	0.01576	(07031308)	386138.28	3756454.49	0.01715	(05121709)
386169.50	3756454.49	0.01944	(05121709)	386200.72	3756454.49	0.02067	(05121709)
385826.08	3756486.57	0.01287	(07110508)	385888.52	3756486.57	0.01349	(07031308)
385950.96	3756486.57	0.01494	(07031308)	386013.40	3756486.57	0.01548	(07031308)
386075.84	3756486.57	0.01581	(07031308)	386138.28	3756486.57	0.01667	(05121709)
386169.50	3756486.57	0.01946	(05121709)	386200.72	3756486.57	0.02051	(05121709)
385826.08	3756518.65	0.01289	(07110508)	385888.52	3756518.65	0.01312	(07110508)
385950.96	3756518.65	0.01483	(07031308)	386013.40	3756518.65	0.01551	(07031308)
386075.84	3756518.65	0.01586	(07031308)	386138.28	3756518.65	0.01622	(07031308)
386169.50	3756518.65	0.01924	(07110508)	386200.72	3756518.65	0.02051	(07110508)
385950.96	3756550.73	0.01466	(07031308)	386013.40	3756550.73	0.01552	(07031308)
386075.84	3756550.73	0.01591	(07031308)	386138.28	3756550.73	0.01627	(07031308)
385826.08	3756582.81	0.01292	(07110508)	385888.52	3756582.81	0.01319	(07110508)
385950.96	3756582.81	0.01442	(07031308)	386013.40	3756582.81	0.01551	(07031308)
386075.84	3756582.81	0.01596	(07031308)	386138.28	3756582.81	0.01632	(07031308)
385826.08	3756614.89	0.01290	(07110508)	385888.52	3756614.89	0.01321	(07110508)
385950.96	3756614.89	0.01408	(07031308)	386013.40	3756614.89	0.01547	(07031308)
386075.84	3756614.89	0.01500	(07031308)	386138.28	3756614.89	0.01637	(07031308)
385826.08	3756646.97	0.01286	(07110508)	385888.52	3756646.97	0.01323	(07110508)
385950.96	3756646.97	0.01363	(07031308)	386013.40	3756646.97	0.01539	(07031308)
386075.84	3756646.97	0.01603	(07031308)	386138.28	3756646.97	0.01642	(07031308)
386169.50	3756646.97	0.01976	(05121709)	386200.72	3756646.97	0.02074	(05121709)
385950.96	3756679.05	0.01354	(07110508)	386013.40	3756679.05	0.01525	(07031308)
386075.84	3756679.05	0.01605	(07031308)	386138.28	3756679.05	0.01647	(07031308)
385826.08	3756711.13	0.01259	(07110508)	385888.52	3756711.13	0.01323	(07110508)
385950.96	3756711.13	0.01356	(07110508)	386013.40	3756711.13	0.01503	(07031308)

\*\*\* AERMOD - VERSION 09292 \*\*\*  
 \*\*\* Jordan Downs Health Risk Assessment \*\*\*  
 \*\*\*  
 \*\* MODELOPTs: NonDEFAULT CONC  
 FLAT  
 NODRYDPLT NOMETDPLT  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRAIN \*\*\*  
 INCLUDING SOURCE(S): L000001, L000002, L000003, L000004, L000005, L000006, L000007, L000008, L000009, L000010, L000011, L000012, L000013, L000014, L000015, L000016, L000017, L000018, L000019, L000020, L000021, L000022, L000023, L000024, L000025, L000026, L000027, L000028, L000029, L000030, . . . ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
 \*\* CONC OF TOXICS IN MICROGRAMS/M\*\*3 \*\*  
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X-COORD (M)	Y-COORD (M)	CONC	(YMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YMMDDHH)
386075.84	3756711.13	0.01605	(07031308)	386138.28	3756711.13	0.01652	(07031308)
386169.50	3756711.13	0.01674	(07031308)	386200.72	3756711.13	0.01850	(05121709)
386231.94	3756711.13	0.02074	(05121709)	386263.16	3756711.13	0.02207	(05121709)
386294.38	3756711.13	0.02376	(05121509)	386325.60	3756711.13	0.02560	(05110609)
386356.82	3756711.13	0.02781	(07031210)	385826.08	3756743.21	0.01233	(07121810)
385888.52	3756743.21	0.01319	(07110508)	385950.96	3756743.21	0.01358	(07110508)
386013.40	3756743.21	0.01472	(07031308)	386075.84	3756743.21	0.01603	(07031308)
386138.28	3756743.21	0.01857	(07031308)	386169.50	3756743.21	0.01679	(07031308)
386200.72	3756743.21	0.01797	(05121709)	386231.94	3756743.21	0.02048	(05121709)

# Jordan Downs Health Risk Assessment

386263.16	3756743.21	0.02201 (05121709)	386294.38	3756743.21	0.02362 (05121509)
386325.60	3756743.21	0.02548 (05110609)	386356.82	3756743.21	0.02775 (07031210)
385826.08	3756775.29	0.01232 (07121810)	385888.52	3756775.29	0.01311 (07110508)
385950.96	3756775.29	0.01359 (07110508)	386013.40	3756775.29	0.01428 (07031308)
386075.84	3756775.29	0.01598 (07031308)	386138.28	3756775.29	0.01660 (07031308)
386169.50	3756775.29	0.01684 (07031308)	386200.72	3756775.29	0.01736 (05121709)
386231.94	3756775.29	0.02015 (05121709)	386263.16	3756775.29	0.02191 (05121709)
386294.38	3756775.29	0.02344 (05121509)	386325.60	3756775.29	0.02534 (05110609)
386356.82	3756775.29	0.02766 (07031210)	385826.08	3756807.37	0.01229 (07121810)
385888.52	3756807.37	0.01294 (07110508)	385950.96	3756807.37	0.01358 (07110508)
386013.40	3756807.37	0.01395 (07110508)	386075.84	3756807.37	0.01587 (07031308)
386138.28	3756807.37	0.01663 (07031308)	386169.50	3756807.37	0.01688 (07031308)
386200.72	3756807.37	0.01713 (07031308)	386231.94	3756807.37	0.01976 (05121709)
386263.16	3756807.37	0.02177 (05121709)	386294.38	3756807.37	0.02323 (05121509)
386325.60	3756807.37	0.02517 (05110609)	386356.82	3756807.37	0.02761 (06031808)
385826.08	3756839.45	0.01222 (07121810)	385888.52	3756839.45	0.01266 (07110508)
385950.96	3756839.45	0.01355 (07110508)	386013.40	3756839.45	0.01396 (07110508)
386075.84	3756839.45	0.01570 (07031308)	386138.28	3756839.45	0.01664 (07031308)
386169.50	3756839.45	0.01692 (07031308)	386200.72	3756839.45	0.01718 (07031308)
386231.94	3756839.45	0.01929 (05121709)	386263.16	3756839.45	0.02158 (05121709)
386294.38	3756839.45	0.02296 (05121509)	386325.60	3756839.45	0.02503 (05121509)
386356.82	3756839.45	0.02806 (07102708)	385826.08	3756871.53	0.01206 (07121810)
385888.52	3756871.53	0.01261 (07121810)	385950.96	3756871.53	0.01348 (07110508)
386013.40	3756871.53	0.01397 (07110508)	386075.84	3756871.53	0.01542 (07031308)
386138.28	3756871.53	0.01664 (07031308)	386169.50	3756871.53	0.01695 (07031308)
386200.72	3756871.53	0.01722 (07031308)	386231.94	3756871.53	0.01873 (05121709)
386263.16	3756871.53	0.02177 (05121709)	386294.38	3756871.53	0.02323 (05121509)
386325.60	3756871.53	0.02610 (07102708)	386356.82	3756871.53	0.02905 (07102708)
386395.44	3756664.20	0.03109 (05110308)	386391.14	3756710.42	0.03053 (05110308)
386347.07	3756666.35	0.02713 (06031808)	386294.39	3756667.42	0.02389 (05121509)
386228.82	3756666.35	0.02107 (05121709)	386170.77	3756664.20	0.01667 (07031308)

\*\*\* AERMOD - VERSION 09292 \*\*\*      \*\* Jordan Downs Health Risk Assessment      \*\*      04/20/11  
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\*\*\*MODELOPTS: NonDEFAULT CONC      FLAT  
 NODRYDPLT NOWETDPLT

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRAIN \*\*\*  
 INCLUDING SOURCE(S): L000001, L000002, L000003, L000004, L000005, L000006, L000007, L000008, L000009, L000010, L000011, L000012, L000013, L000014, L000015, L000016, L000017, L000018, L000019, L000020, L000021, L000022, L000023, L000024, L000025, L000026, L000027, L000028, L000029, L000030, . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
 \*\* CONC OF TOXICS IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
386253.54	3756480.37	0.02241 (05121509)	386251.39	3756426.62	0.02250 (05121509)
386248.17	3756356.75	0.02253 (05121509)			

\*\*\* AERMOD - VERSION 09292 \*\*\*      \*\* Jordan Downs Health Risk Assessment      \*\*      04/20/11  
 \*\*\*      \*\*      \*\*      \*\*      \*\*      17:48:03  
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\*\*\*MODELOPTS: NonDEFAULT CONC      FLAT  
 NODRYDPLT NOWETDPLT

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ATLASTRK \*\*\*  
 INCLUDING SOURCE(S): ATLASTRK,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
 \*\* CONC OF TOXICS IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
385826.08	3756358.25	0.07777 (05102508)	385888.52	3756358.25	0.09044 (05102508)
385950.96	3756358.25	0.09833 (05102508)	386013.40	3756358.25	0.09713 (05102508)
386075.84	3756358.25	0.08356 (05102508)	386138.28	3756358.25	0.09086 (07121809)
386169.50	3756358.25	0.10994 (07121809)	386200.72	3756358.25	0.12295 (07121809)
385826.08	3756390.33	0.06405 (05102508)	385888.52	3756390.33	0.08038 (05102508)
385950.96	3756390.33	0.09600 (05102508)	386013.40	3756390.33	0.10648 (05102508)
386075.84	3756390.33	0.08117 (05102508)	386138.28	3756390.33	0.08904 (05102508)
386169.50	3756390.33	0.09135 (07121809)	386200.72	3756390.33	0.11414 (07121809)
385826.08	3756422.41	0.04733 (05102508)	385888.52	3756422.41	0.06360 (05102508)
385950.96	3756422.41	0.08273 (05102508)	386013.40	3756422.41	0.10219 (05102508)
386075.84	3756422.41	0.07189 (05102508)	386138.28	3756422.41	0.11636 (05102508)
386169.50	3756422.41	0.10851 (05102508)	386200.72	3756422.41	0.09502 (05102508)
385826.08	3756454.49	0.03363 (06091908)	385888.52	3756454.49	0.04434 (05102508)
385950.96	3756454.49	0.06216 (05102508)	386013.40	3756454.49	0.08452 (05102508)
386075.84	3756454.49	0.04899 (05102508)	386138.28	3756454.49	0.12834 (05102508)
386169.50	3756454.49	0.13220 (05102508)	386200.72	3756454.49	0.12967 (05102508)
385826.08	3756486.57	0.03703 (06121608)	385888.52	3756486.57	0.04127 (06121608)
385950.96	3756486.57	0.04474 (06121608)	386013.40	3756486.57	0.05924 (05102508)
386075.84	3756486.57	0.08519 (05102508)	386138.28	3756486.57	0.11626 (05102508)
386169.50	3756486.57	0.13132 (05102508)	386200.72	3756486.57	0.14345 (05102508)
385826.08	3756518.65	0.03374 (06121608)	385888.52	3756518.65	0.04043 (06121608)
385950.96	3756518.65	0.04804 (06121608)	386013.40	3756518.65	0.05618 (06121608)
386075.84	3756518.65	0.08519 (06121608)	386138.28	3756518.65	0.08363 (05102508)
386169.50	3756518.65	0.13269 (05072007)	385888.52	3756550.73	0.03480 (05072007)
385950.96	3756550.73	0.04002 (06121608)	386013.40	3756550.73	0.05092 (06121608)
386075.84	3756550.73	0.06477 (06121608)	386138.28	3756550.73	0.08166 (06121608)
385826.08	3756582.81	0.03201 (05072007)	385888.52	3756582.81	0.03446 (05072007)
385950.96	3756582.81	0.05899 (05072007)	386013.40	3756582.81	0.08025 (05072007)
386075.84	3756582.81	0.04639 (06121608)	386138.28	3756582.81	0.06448 (06121608)
385826.08	3756614.89	0.02914 (05072007)	385888.52	3756614.89	0.03139 (05072007)
385950.96	3756614.89	0.03407 (05072007)	386013.40	3756614.89	0.03730 (05072007)
386075.84	3756614.89	0.05418 (05072007)	386138.28	3756614.89	0.08018 (05041807)
385826.08	3756646.97	0.02961 (06121509)	385888.52	3756646.97	0.03401 (06121509)
385950.96	3756646.97	0.03943 (06121509)	386013.40	3756646.97	0.04620 (06121509)
386075.84	3756646.97	0.05480 (06121509)	386138.28	3756646.97	0.06594 (06121509)
385826.08	3756679.05	0.01389 (06121509)	385888.52	3756679.05	0.04435 (06121509)
385950.96	3756679.05	0.05184 (06121509)	386013.40	3756679.05	0.05948 (06121509)
386075.84	3756679.05	0.07909 (05041807)	386138.28	3756679.05	0.10850 (05041807)
385826.08	3756711.13	0.04803 (06121509)	385888.52	3756711.13	0.05339 (06121509)
385950.96	3756711.13	0.08862 (05041807)	386013.40	3756711.13	0.08915 (05041807)

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\*\*\*MODELOPTS: NonDEFAULT CONC      FLAT  
 NODRYDPLT NOWETDPLT

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ATLASTRK \*\*\*  
 INCLUDING SOURCE(S): ATLASTRK,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
 \*\* CONC OF TOXICS IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
386075.84	3756711.13	0.11504 (05041807)	386138.28	3756711.13	0.14536 (05041807)
386169.50	3756711.13	0.16085 (05041807)	386200.72	3756711.13	0.17499 (05041807)
386231.94	3756711.13	0.18570 (05041807)	386263.16	3756711.13	0.19007 (05041807)
386294.38	3756711.13	0.18468 (05041807)	386325.60	3756711.13	0.16663 (05041807)
386395.44	3756743.21	0.15980 (07040607)	385826.08	3756743.21	0.16059 (05041807)
385888.52	3756743.21	0.07583 (05041807)	385950.96	3756743.21	0.09440 (05041807)
386013.40	3756743.21	0.11578 (05041807)	386075.84	3756743.21	0.13795 (05041807)
386138.28	3756743.21	0.15583 (05041807)	386169.50	3756743.21	0.16034 (05041807)
386200.72	3756743.21	0.19222 (05041807)	386231.94	3756743.21	0.15265 (05041807)
386263.16	3756743.21	0.13733 (05041807)	386294.38	3756743.21	0.11423 (05041807)
386325.60	3756743.21	0.10869 (07040607)	386356.82	3756743.21	0.11783 (07040607)
385950.96	3756775.29	0.08019 (05041807)	385888.52	3756775.29	0.09624 (05041807)
385826.08	3756775.29	0.11322 (05041807)	386013.40	3756775.29	0.12889 (05041807)
386075.84	3756775.29	0.13901 (05041807)	386138.28	3756775.29	0.13721 (05041807)
386169.50	3756775.29	0.12964 (05041807)	386200.72	3756775.29	0.11688 (05041807)
386231.94	3756775.29	0.09916 (05041807)	386263.16	3756775.29	0.07773 (05041807)
386294.38	3756775.29	0.08748 (07040607)	386325.60	3756775.29	0.09365 (07040607)
386356.82	3756775.29	0.08586 (07040607)	385826.08	3756807.37	0.09581 (05041807)
385888.52	3756807.37	0.10894 (05041807)	385950.96	3756807.37	0.11965 (05041807)
386013.40	3756807.37	0.12466 (05041807)	386075.84	3756807.37	0.11982 (05041807)
386138.28	3756807.37	0.01613 (05041807)	386169.50	3756807.37	0.08745 (05041807)
386200.72	3756807.37	0.07080 (05041807)	386231.94	3756807.37	0.04631 (07040607)
386263.16	3756807.37	0.07228 (07040607)	386294.38	3756807.37	0.07683 (07040607)

# Jordan Downs Health Risk Assessment

X-COORD (M)	Y-COORD (M)	CONC	(Y)MMDHHH	X-COORD (M)	Y-COORD (M)	CONC	(Y)MMDHHH
386325.60	3756807.37	0.07078	(07040707)	386356.82	3756807.37	0.08611	(07102708)
385826.08	3756839.45	0.10384	(05041807)	385888.52	3756839.45	0.11083	(05041807)
385950.96	3756839.45	0.11247	(05041807)	386013.40	3756839.45	0.10607	(05041807)
386075.84	3756839.45	0.08980	(05041807)	386138.28	3756839.45	0.06471	(05041807)
386169.50	3756839.45	0.05047	(05041807)	386200.72	3756839.45	0.05630	(07040607)
386231.94	3756839.45	0.06087	(07040707)	386263.16	3756839.45	0.06453	(07040707)
386294.38	3756839.45	0.05963	(07040707)	386325.60	3756839.45	0.06446	(07102708)
386356.82	3756839.45	0.09596	(07102708)	385826.08	3756871.53	0.10268	(05041807)
385888.52	3756871.53	0.10210	(05041807)	385950.96	3756871.53	0.09495	(05041807)
386013.40	3756871.53	0.08037	(05041807)	386075.84	3756871.53	0.05939	(05041807)
386138.28	3756871.53	0.04305	(07040607)	386169.50	3756871.53	0.04994	(07040607)
386200.72	3756871.53	0.05280	(07040707)	386231.94	3756871.53	0.05520	(07040707)
386263.16	3756871.53	0.05113	(07040707)	386294.38	3756871.53	0.04757	(07102708)
386325.60	3756871.53	0.07657	(07102708)	386356.82	3756871.53	0.10110	(07102708)
386395.44	3756666.35	0.32430	(05041807)	386393.14	3756710.42	0.15594	(07040707)
386347.07	3756666.35	0.25786	(05041807)	386294.39	3756667.42	0.20890	(05041807)
386228.82	3756666.35	0.14910	(05041807)	386170.77	3756664.20	0.10468	(05041807)

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\*\*\*MODELOPTs: NonDEFAULT CONC      FLAT  
 NODRYDEFLT NOWETDPLT

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ATLASTRK \*\*\*  
 INCLUDING SOURCE(S): ATLASTRK,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\*\* CONC OF TOXICS IN MICROGRAMS/M\*\*3 \*\*\*

X-COORD (M)	Y-COORD (M)	CONC	(Y)MMDHHH	X-COORD (M)	Y-COORD (M)	CONC	(Y)MMDHHH
386253.54	3756480.37	0.14251	(05102508)	386251.39	3756426.62	0.13075	(07121809)
386248.17	3756356.75	0.12787	(06081607)				

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\*\*\*MODELOPTs: NonDEFAULT CONC      FLAT  
 NODRYDEFLT NOWETDPLT

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: JONESEQP \*\*\*  
 INCLUDING SOURCE(S): JLYEQP ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\*\* CONC OF TOXICS IN MICROGRAMS/M\*\*3 \*\*\*

X-COORD (M)	Y-COORD (M)	CONC	(Y)MMDHHH	X-COORD (M)	Y-COORD (M)	CONC	(Y)MMDHHH
385826.08	3756358.25	0.39859	(07013110)	385888.52	3756358.25	0.46117	(07013110)
385950.96	3756358.25	0.48640	(07013110)	386013.40	3756358.25	0.46233	(07013110)
386075.84	3756358.25	0.38597	(07013110)	386138.28	3756358.25	0.26995	(07013110)
386169.50	3756358.25	0.20713	(07013110)	386200.72	3756358.25	0.18260	(07013110)
385826.08	3756390.33	0.44073	(07013110)	385888.52	3756390.33	0.47719	(07013110)
385950.96	3756390.33	0.46832	(07013110)	386013.40	3756390.33	0.40856	(07013110)
386075.84	3756390.33	0.21642	(07013110)	386138.28	3756390.33	0.18453	(07013110)
386169.50	3756390.33	0.16924	(07010311)	386200.72	3756390.33	0.19505	(07010311)
385826.08	3756422.41	0.46444	(07013110)	385888.52	3756422.41	0.46945	(07013110)
385950.96	3756422.41	0.42569	(07013110)	386013.40	3756422.41	0.33646	(07013110)
386075.84	3756422.41	0.14650	(07013110)	386138.28	3756422.41	0.15713	(07010311)
386169.50	3756422.41	0.18201	(07010311)	386200.72	3756422.41	0.20340	(07010311)
385826.08	3756454.49	0.46615	(07013110)	385888.52	3756454.49	0.43761	(07013110)
385950.96	3756454.49	0.36307	(07013110)	386013.40	3756454.49	0.25667	(07013110)
386075.84	3756454.49	0.14650	(07013110)	386138.28	3756454.49	0.16991	(07010311)
386169.50	3756454.49	0.19126	(07010311)	386200.72	3756454.49	0.20758	(07010311)
385826.08	3756486.57	0.44465	(07013110)	385888.52	3756486.57	0.38484	(07013110)
385950.96	3756486.57	0.28902	(07013110)	386013.40	3756486.57	0.18041	(07013110)
386075.84	3756486.57	0.11961	(07013110)	386138.28	3756486.57	0.17973	(07010311)
386169.50	3756486.57	0.19683	(07010311)	386200.72	3756486.57	0.20779	(07010311)
385826.08	3756518.65	0.40178	(07013110)	385888.52	3756518.65	0.31785	(07013110)
385950.96	3756518.65	0.21377	(07013110)	386013.40	3756518.65	0.12849	(06011310)
386075.84	3756518.65	0.11961	(07013110)	386138.28	3756518.65	0.17973	(07010311)
386169.50	3756518.65	0.19683	(07010311)	386200.72	3756518.65	0.20779	(07010311)
385826.08	3756550.73	0.34272	(07013110)	385888.52	3756550.73	0.24561	(07013110)
385950.96	3756550.73	0.14819	(06011310)	386013.40	3756550.73	0.11852	(07010311)
386075.84	3756550.73	0.15880	(07010311)	386138.28	3756550.73	0.18993	(07010311)
385826.08	3756582.81	0.10708	(05122212)	385888.52	3756582.81	0.17700	(07012103)
385950.96	3756582.81	0.11375	(06011310)	386013.40	3756582.81	0.13024	(07010311)
386075.84	3756582.81	0.16676	(07010311)	386138.28	3756582.81	0.19039	(07010311)
385826.08	3756614.89	0.20720	(07013110)	385888.52	3756614.89	0.13192	(06011310)
385950.96	3756614.89	0.10388	(07010311)	386013.40	3756614.89	0.14048	(07010311)
386075.84	3756614.89	0.17227	(07010311)	386138.28	3756614.89	0.18818	(07010311)
385826.08	3756646.97	0.14853	(06011310)	385888.52	3756646.97	0.10210	(05122212)
385950.96	3756646.97	0.11475	(07010311)	386013.40	3756646.97	0.14904	(07010311)
386075.84	3756646.97	0.18638	(07010311)	386138.28	3756646.97	0.18368	(07010311)
385826.08	3756679.05	0.11803	(06011310)	385888.52	3756679.05	0.09753	(05122212)
385950.96	3756679.05	0.12462	(07010311)	386013.40	3756679.05	0.15568	(07010311)
386075.84	3756679.05	0.17596	(07010311)	386138.28	3756679.05	0.17708	(07010311)
385826.08	3756711.13	0.09828	(05122212)	385888.52	3756711.13	0.10155	(07010311)
385950.96	3756711.13	0.13326	(07010311)	386013.40	3756711.13	0.16033	(07010311)

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\*\*\*MODELOPTs: NonDEFAULT CONC      FLAT  
 NODRYDEFLT NOWETDPLT

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: JONESEQP \*\*\*  
 INCLUDING SOURCE(S): JLYEQP ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\*\* CONC OF TOXICS IN MICROGRAMS/M\*\*3 \*\*\*

X-COORD (M)	Y-COORD (M)	CONC	(Y)MMDHHH	X-COORD (M)	Y-COORD (M)	CONC	(Y)MMDHHH
386075.84	3756711.13	0.17446	(07010311)	386138.28	3756711.13	0.16905	(07010311)
386169.50	3756711.13	0.15845	(07010311)	386200.72	3756711.13	0.14329	(07010311)
386231.94	3756711.13	0.13498	(07031311)	386263.16	3756711.13	0.14261	(05120113)
386294.38	3756711.13	0.18804	(05120113)	386325.60	3756711.13	0.22382	(05120113)
386356.82	3756711.13	0.25210	(05012610)	385826.08	3756743.21	0.09446	(05122212)
385888.52	3756743.21	0.11088	(07010311)	385950.96	3756743.21	0.14046	(07010311)
386013.40	3756743.21	0.16301	(07010311)	386075.84	3756743.21	0.17104	(07010311)
386138.28	3756743.21	0.15990	(07010311)	386169.50	3756743.21	0.14726	(07010311)
386200.72	3756743.21	0.13092	(07010311)	386231.94	3756743.21	0.13271	(07010311)
386263.16	3756743.21	0.15374	(05120113)	386294.38	3756743.21	0.19601	(05120113)
386325.60	3756743.21	0.22646	(05120113)	386356.82	3756743.21	0.25713	(05012610)
385826.08	3756775.29	0.09026	(07010311)	385888.52	3756775.29	0.11934	(07010311)
385950.96	3756775.29	0.14609	(07010311)	386013.40	3756775.29	0.16378	(07010311)
386075.84	3756775.29	0.16602	(07010311)	386138.28	3756775.29	0.15001	(07010311)
386169.50	3756775.29	0.13588	(07010311)	386200.72	3756775.29	0.12185	(07031311)
386231.94	3756775.29	0.12868	(07031311)	386263.16	3756775.29	0.16397	(05120113)
386294.38	3756775.29	0.17078	(07010311)	386325.60	3756775.29	0.22526	(05120113)
386356.82	3756775.29	0.26093	(05012610)	385826.08	3756807.37	0.09898	(07010311)
385888.52	3756807.37	0.12671	(07010311)	385950.96	3756807.37	0.15011	(07010311)
386013.40	3756807.37	0.16280	(07010311)	386075.84	3756807.37	0.15967	(07010311)
386138.28	3756807.37	0.13969	(07010311)	386169.50	3756807.37	0.12458	(07010311)
386200.72	3756807.37	0.12121	(07031311)	386231.94	3756807.37	0.13160	(05120113)
386263.16	3756807.37	0.17317	(05120113)	386294.38	3756807.37	0.20762	(05120113)
386325.60	3756807.37	0.22720	(05120113)	386356.82	3756807.37	0.26352	(05012610)
385826.08	3756839.45	0.10708	(07010311)	385888.52	3756839.45	0.13268	(07010311)
385950.96	3756839.45	0.15251	(07010311)	386013.40	3756839.45	0.16023	(07010311)
386075.84	3756839.45	0.15230	(07010311)	386138.28	3756839.45	0.12923	(07010311)
386169.50	3756839.45	0.11358	(07010311)	386200.72	3756839.45	0.11891	(07031311)
386231.94	3756839.45	0.13677	(05120113)	386263.16	3756839.45	0.18120	(05120113)
386294.38	3756839.45	0.21130	(05120113)	386325.60	3756839.45	0.23012	(05012610)
386356.82	3756839.45	0.26491	(05012610)	385826.08	3756871.53	0.11439	(07010311)
385888.52	3756871.53	0.13774	(07010311)	385950.96	3756871.53	0.15336	(07010311)
386013.40	3756871.53	0.14207	(07010311)	386075.84	3756871.53	0.14419	(07010311)
386138.28	3756871.53	0.11886	(07010311)	386169.50	3756871.53	0.11137	(07031311)
386200.72	3756871.53	0.11514	(07031311)	386231.94	3756871.53	0.15183	(05120113)

# Jordan Downs Health Risk Assessment

386228.82 3756666.35 0.14522 (07010311) 386170.77 3756664.20 0.17336 (07010311)  
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\*\*MODELOPTS: NonDEFAULT CONC

FLAT  
NODRYDPLT NOWETDPLT

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: JONESQP \*\*\*  
INCLUDING SOURCE(S): JLYEQP ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF TOXICS IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
386253.54	3756480.37	0.20927	(07010311)	386251.39	3756426.62	0.22266	(07010311)
386248.17	3756356.75	0.22039	(07010311)				

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\*\*MODELOPTS: NonDEFAULT CONC

FLAT  
NODRYDPLT NOWETDPLT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 3 YEARS \*\*\*

\*\* CONC OF TOXICS IN MICROGRAMS/M\*\*3 \*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
AMERICAN	1ST HIGHEST VALUE IS	0.02073 AT ( 386391.14, 3756710.42, 10.00, 10.00, 0.00)	DC	
	2ND HIGHEST VALUE IS	0.02047 AT ( 386395.44, 3756664.20, 10.00, 10.00, 0.00)	DC	
	3RD HIGHEST VALUE IS	0.01995 AT ( 386356.82, 3756711.13, 10.00, 10.00, 0.00)	DC	
	4TH HIGHEST VALUE IS	0.01989 AT ( 386356.82, 3756743.21, 10.00, 10.00, 0.00)	DC	
	5TH HIGHEST VALUE IS	0.01972 AT ( 386356.82, 3756775.29, 10.00, 10.00, 0.00)	DC	
	6TH HIGHEST VALUE IS	0.01959 AT ( 386347.07, 3756666.35, 10.00, 10.00, 0.00)	DC	
	7TH HIGHEST VALUE IS	0.01945 AT ( 386356.82, 3756807.37, 10.00, 10.00, 0.00)	DC	
	8TH HIGHEST VALUE IS	0.01913 AT ( 386325.60, 3756711.13, 10.00, 10.00, 0.00)	DC	
	9TH HIGHEST VALUE IS	0.01908 AT ( 386356.82, 3756839.45, 10.00, 10.00, 0.00)	DC	
	10TH HIGHEST VALUE IS	0.01906 AT ( 386325.60, 3756743.21, 10.00, 10.00, 0.00)	DC	
ATLASEQP	1ST HIGHEST VALUE IS	0.01419 AT ( 386395.44, 3756664.20, 10.00, 10.00, 0.00)	DC	
	2ND HIGHEST VALUE IS	0.00741 AT ( 386391.14, 3756710.42, 10.00, 10.00, 0.00)	DC	
	3RD HIGHEST VALUE IS	0.00454 AT ( 386347.07, 3756666.35, 10.00, 10.00, 0.00)	DC	
	4TH HIGHEST VALUE IS	0.00421 AT ( 386356.82, 3756711.13, 10.00, 10.00, 0.00)	DC	
	5TH HIGHEST VALUE IS	0.00335 AT ( 386356.82, 3756743.21, 10.00, 10.00, 0.00)	DC	
	6TH HIGHEST VALUE IS	0.00272 AT ( 386325.60, 3756711.13, 10.00, 10.00, 0.00)	DC	
	7TH HIGHEST VALUE IS	0.00264 AT ( 386356.82, 3756775.29, 10.00, 10.00, 0.00)	DC	
	8TH HIGHEST VALUE IS	0.00233 AT ( 386325.60, 3756743.21, 10.00, 10.00, 0.00)	DC	
	9TH HIGHEST VALUE IS	0.00210 AT ( 386356.82, 3756807.37, 10.00, 10.00, 0.00)	DC	
	10TH HIGHEST VALUE IS	0.00201 AT ( 386294.39, 3756667.42, 10.00, 10.00, 0.00)	DC	
EASTERN	1ST HIGHEST VALUE IS	0.00024 AT ( 386395.44, 3756664.20, 10.00, 10.00, 0.00)	DC	
	2ND HIGHEST VALUE IS	0.00023 AT ( 386391.14, 3756710.42, 10.00, 10.00, 0.00)	DC	
	3RD HIGHEST VALUE IS	0.00021 AT ( 386347.07, 3756666.35, 10.00, 10.00, 0.00)	DC	
	4TH HIGHEST VALUE IS	0.00021 AT ( 386356.82, 3756711.13, 10.00, 10.00, 0.00)	DC	
	5TH HIGHEST VALUE IS	0.00020 AT ( 386356.82, 3756743.21, 10.00, 10.00, 0.00)	DC	
	6TH HIGHEST VALUE IS	0.00019 AT ( 386325.60, 3756711.13, 10.00, 10.00, 0.00)	DC	
	7TH HIGHEST VALUE IS	0.00019 AT ( 386356.82, 3756775.29, 10.00, 10.00, 0.00)	DC	
	8TH HIGHEST VALUE IS	0.00019 AT ( 386325.60, 3756743.21, 10.00, 10.00, 0.00)	DC	
	9TH HIGHEST VALUE IS	0.00019 AT ( 386294.39, 3756667.42, 10.00, 10.00, 0.00)	DC	
	10TH HIGHEST VALUE IS	0.00019 AT ( 386356.82, 3756807.37, 10.00, 10.00, 0.00)	DC	

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\*\*MODELOPTS: NonDEFAULT CONC

FLAT  
NODRYDPLT NOWETDPLT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 3 YEARS \*\*\*

\*\* CONC OF TOXICS IN MICROGRAMS/M\*\*3 \*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
JONESTRK	1ST HIGHEST VALUE IS	0.00009 AT ( 386248.17, 3756356.75, 10.00, 10.00, 0.00)	DC	
	2ND HIGHEST VALUE IS	0.00008 AT ( 386200.72, 3756358.25, 10.00, 10.00, 0.00)	DC	
	3RD HIGHEST VALUE IS	0.00008 AT ( 386169.50, 3756358.25, 10.00, 10.00, 0.00)	DC	
	4TH HIGHEST VALUE IS	0.00007 AT ( 386200.72, 3756390.33, 10.00, 10.00, 0.00)	DC	
	5TH HIGHEST VALUE IS	0.00007 AT ( 386251.39, 3756426.62, 10.00, 10.00, 0.00)	DC	
	6TH HIGHEST VALUE IS	0.00007 AT ( 386138.28, 3756358.25, 10.00, 10.00, 0.00)	DC	
	7TH HIGHEST VALUE IS	0.00007 AT ( 386169.50, 3756390.33, 10.00, 10.00, 0.00)	DC	
	8TH HIGHEST VALUE IS	0.00007 AT ( 386200.72, 3756422.41, 10.00, 10.00, 0.00)	DC	
	9TH HIGHEST VALUE IS	0.00007 AT ( 386138.28, 3756390.33, 10.00, 10.00, 0.00)	DC	
	10TH HIGHEST VALUE IS	0.00007 AT ( 386169.50, 3756422.41, 10.00, 10.00, 0.00)	DC	
NORTHERN	1ST HIGHEST VALUE IS	0.00107 AT ( 386356.82, 3756871.53, 10.00, 10.00, 0.00)	DC	
	2ND HIGHEST VALUE IS	0.00088 AT ( 386356.82, 3756839.45, 10.00, 10.00, 0.00)	DC	
	3RD HIGHEST VALUE IS	0.00074 AT ( 386356.82, 3756807.37, 10.00, 10.00, 0.00)	DC	
	4TH HIGHEST VALUE IS	0.00072 AT ( 386325.60, 3756871.53, 10.00, 10.00, 0.00)	DC	
	5TH HIGHEST VALUE IS	0.00065 AT ( 386325.60, 3756839.45, 10.00, 10.00, 0.00)	DC	
	6TH HIGHEST VALUE IS	0.00064 AT ( 386356.82, 3756775.29, 10.00, 10.00, 0.00)	DC	
	7TH HIGHEST VALUE IS	0.00059 AT ( 386391.14, 3756710.42, 10.00, 10.00, 0.00)	DC	
	8TH HIGHEST VALUE IS	0.00057 AT ( 386325.60, 3756807.37, 10.00, 10.00, 0.00)	DC	
	9TH HIGHEST VALUE IS	0.00055 AT ( 386356.82, 3756743.21, 10.00, 10.00, 0.00)	DC	
	10TH HIGHEST VALUE IS	0.00052 AT ( 386294.38, 3756871.53, 10.00, 10.00, 0.00)	DC	
SOUTHERN	1ST HIGHEST VALUE IS	0.00032 AT ( 386248.17, 3756356.75, 10.00, 10.00, 0.00)	DC	
	2ND HIGHEST VALUE IS	0.00031 AT ( 386251.39, 3756426.62, 10.00, 10.00, 0.00)	DC	
	3RD HIGHEST VALUE IS	0.00028 AT ( 386253.54, 3756480.37, 10.00, 10.00, 0.00)	DC	
	4TH HIGHEST VALUE IS	0.00025 AT ( 386200.72, 3756358.25, 10.00, 10.00, 0.00)	DC	
	5TH HIGHEST VALUE IS	0.00025 AT ( 386200.72, 3756390.33, 10.00, 10.00, 0.00)	DC	
	6TH HIGHEST VALUE IS	0.00024 AT ( 386200.72, 3756422.41, 10.00, 10.00, 0.00)	DC	
	7TH HIGHEST VALUE IS	0.00023 AT ( 386200.72, 3756454.49, 10.00, 10.00, 0.00)	DC	
	8TH HIGHEST VALUE IS	0.00023 AT ( 386200.72, 3756486.57, 10.00, 10.00, 0.00)	DC	
	9TH HIGHEST VALUE IS	0.00021 AT ( 386169.50, 3756358.25, 10.00, 10.00, 0.00)	DC	
	10TH HIGHEST VALUE IS	0.00021 AT ( 386169.50, 3756390.33, 10.00, 10.00, 0.00)	DC	

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\*\*MODELOPTS: NonDEFAULT CONC

FLAT  
NODRYDPLT NOWETDPLT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 3 YEARS \*\*\*

\*\* CONC OF TOXICS IN MICROGRAMS/M\*\*3 \*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
TRAIN	1ST HIGHEST VALUE IS	0.00282 AT ( 386391.14, 3756710.42, 10.00, 10.00, 0.00)	DC	
	2ND HIGHEST VALUE IS	0.00279 AT ( 386395.44, 3756664.20, 10.00, 10.00, 0.00)	DC	
	3RD HIGHEST VALUE IS	0.00266 AT ( 386356.82, 3756871.53, 10.00, 10.00, 0.00)	DC	
	4TH HIGHEST VALUE IS	0.00260 AT ( 386356.82, 3756839.45, 10.00, 10.00, 0.00)	DC	
	5TH HIGHEST VALUE IS	0.00255 AT ( 386356.82, 3756807.37, 10.00, 10.00, 0.00)	DC	
	6TH HIGHEST VALUE IS	0.00250 AT ( 386356.82, 3756775.29, 10.00, 10.00, 0.00)	DC	
	7TH HIGHEST VALUE IS	0.00246 AT ( 386356.82, 3756743.21, 10.00, 10.00, 0.00)	DC	
	8TH HIGHEST VALUE IS	0.00241 AT ( 386356.82, 3756711.13, 10.00, 10.00, 0.00)	DC	
	9TH HIGHEST VALUE IS	0.00232 AT ( 386325.60, 3756871.53, 10.00, 10.00, 0.00)	DC	
	10TH HIGHEST VALUE IS	0.00228 AT ( 386325.60, 3756839.45, 10.00, 10.00, 0.00)	DC	
ATLASTRK	1ST HIGHEST VALUE IS	0.00151 AT ( 386395.44, 3756664.20, 10.00, 10.00, 0.00)	DC	
	2ND HIGHEST VALUE IS	0.00076 AT ( 386391.14, 3756710.42, 10.00, 10.00, 0.00)	DC	
	3RD HIGHEST VALUE IS	0.00055 AT ( 386347.07, 3756666.35, 10.00, 10.00, 0.00)	DC	
	4TH HIGHEST VALUE IS	0.00047 AT ( 386356.82, 3756711.13, 10.00, 10.00, 0.00)	DC	
	5TH HIGHEST VALUE IS	0.00037 AT ( 386356.82, 3756743.21, 10.00, 10.00, 0.00)	DC	

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6TH HIGHEST VALUE IS 0.00033 AT ( 386325.60, 3756711.13, 10.00, 10.00, 0.00) DC
7TH HIGHEST VALUE IS 0.00029 AT ( 386356.82, 3756775.29, 10.00, 10.00, 0.00) DC
8TH HIGHEST VALUE IS 0.00027 AT ( 386325.60, 3756743.21, 10.00, 10.00, 0.00) DC
9TH HIGHEST VALUE IS 0.00027 AT ( 386294.39, 3756667.42, 10.00, 10.00, 0.00) DC
10TH HIGHEST VALUE IS 0.00024 AT ( 386294.38, 3756711.13, 10.00, 10.00, 0.00) DC

JONESEQP 1ST HIGHEST VALUE IS 0.00047 AT ( 386248.17, 3756356.75, 10.00, 10.00, 0.00) DC
2ND HIGHEST VALUE IS 0.00041 AT ( 386200.72, 3756358.25, 10.00, 10.00, 0.00) DC
3RD HIGHEST VALUE IS 0.00039 AT ( 386251.39, 3756426.62, 10.00, 10.00, 0.00) DC
4TH HIGHEST VALUE IS 0.00038 AT ( 386169.50, 3756358.25, 10.00, 10.00, 0.00) DC
5TH HIGHEST VALUE IS 0.00038 AT ( 386200.72, 3756390.33, 10.00, 10.00, 0.00) DC
6TH HIGHEST VALUE IS 0.00035 AT ( 386138.28, 3756358.25, 10.00, 10.00, 0.00) DC
7TH HIGHEST VALUE IS 0.00035 AT ( 386169.50, 3756390.33, 10.00, 10.00, 0.00) DC
8TH HIGHEST VALUE IS 0.00034 AT ( 386200.72, 3756422.41, 10.00, 10.00, 0.00) DC
9TH HIGHEST VALUE IS 0.00034 AT ( 386253.54, 3756480.37, 10.00, 10.00, 0.00) DC
10TH HIGHEST VALUE IS 0.00034 AT ( 386395.44, 3756664.20, 10.00, 10.00, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
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**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

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

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

GROUP ID AVERAGE CONC DATE RECEPTOR (XR, YR, ZELEV, ZHLL, ZFLAG) OF TYPE NETWORK GRID-ID
-----
AMERICAN HIGH 1ST HIGH VALUE IS 0.37115 ON 05072007: AT ( 386251.39, 3756426.62, 10.00, 10.00, 0.00) DC
ATLASEQP HIGH 1ST HIGH VALUE IS 2.93690 ON 07121810: AT ( 386248.17, 3756356.75, 10.00, 10.00, 0.00) DC
EASTERNT HIGH 1ST HIGH VALUE IS 0.03969 ON 05041807: AT ( 386248.17, 3756356.75, 10.00, 10.00, 0.00) DC
JONESTRK HIGH 1ST HIGH VALUE IS 0.06403 ON 05041807: AT ( 385826.08, 3756358.25, 10.00, 10.00, 0.00) DC
NORTHERN HIGH 1ST HIGH VALUE IS 0.03384 ON 07070306: AT ( 386356.82, 3756871.53, 10.00, 10.00, 0.00) DC
SOUTHERN HIGH 1ST HIGH VALUE IS 0.04375 ON 05041807: AT ( 386169.50, 3756358.25, 10.00, 10.00, 0.00) DC
TRAIN HIGH 1ST HIGH VALUE IS 0.03109 ON 05110308: AT ( 386395.44, 3756664.20, 10.00, 10.00, 0.00) DC
ATLASTRK HIGH 1ST HIGH VALUE IS 0.32430 ON 05041807: AT ( 386395.44, 3756664.20, 10.00, 10.00, 0.00) DC
JONESEQP HIGH 1ST HIGH VALUE IS 0.48640 ON 07013110: AT ( 385950.96, 3756358.25, 10.00, 10.00, 0.00) DC

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*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
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**MODELOPTs: NonDEFAULT CONC FLAT
NODRYDPLT NOWETDPLT

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

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----- Summary of Total Messages -----
A Total of 0 Fatal Error Message(s)
A Total of 10 Warning Message(s)
A Total of 3086 Informational Message(s)
A Total of 26280 Hours Were Processed
A Total of 2622 Calm Hours Identified
A Total of 464 Missing Hours Identified ( 1.77 Percent)

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

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***** WARNING MESSAGES *****
SO W320 182 VPARAM :Input Parameter May Be Out-of-Range for Parameter SZINIT
SO W320 183 VPARAM :Input Parameter May Be Out-of-Range for Parameter SZINIT
SO W320 184 VPARAM :Input Parameter May Be Out-of-Range for Parameter SZINIT
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