

**Re-Submittal of
Modeling of LMAPCD
Category 1 Toxic Air Contaminants**

**AMERICAN SYNTHETIC RUBBER
COMPANY, LLC
4500 CAMPGROUND ROAD
LOUISVILLE, KY**

December 2007

**KENTUCKIANA ENGINEERING COMPANY, INC.
311 Townepark Circle
Louisville, Kentucky 40243**

INTRODUCTION

On November 30, 2007 the Louisville Metro Air Pollution Control District informed Kentuckiana Engineering Company (KEC) of a possible discrepancy in the modeling information submitted on behalf of American Synthetic Rubber Company dated December 29, 2006.

KEC reviewed the modeling information and also found the discrepancy. The buildings and emissions points used for modeling the emissions from the Powerhouse were approximately 207 feet east of their actual location.

The buildings and emission points were relocated and the model was rerun. The results of that remodeling are contained in this Report.

At the request of LMAPCD, this Report also includes the results of the Flare and the Flare Thermal Oxidizer modeled as a group.

PAPER FORMAT

1. Control Parameters

a. Model Selection

ISC3ST was used

b. Averaging Time Used

Averaging times used were in accordance with those listed in the **Benchmark Ambient Concentrations (BAC)** and **de minimis** values list. (Attachment 1)

2. Source Inputs

a. Emission Rates

(Attachment 2)

b. Stack Parameters

(Attachment 3)

c. Building Parameters

(Attachment 4)

d. Building Downwash

Yes

e. Urban or Rural

Urban

3. Receptor Inputs

a. Receptor Grid

(Attachment 5)

4. Coordinate System

UTM Zone 16 NAD27

5. Results

(Attachment 6)

ELECTRONIC FILES

6. MODEL FILES

- a. BPIP OUTPUT FILE
- b. ISC INPUT AND OUTPUT FILES
- c. ALL FILES ON DISK OR CD
 - i. bd.bpi
 - ii. bd.pro
 - iii. bd.sup
 - iv. phouse2.pbi
 - v. phouse2.pro
 - vi. phouse.2sup
 - vii. Industrial Receptors bd.inp
 - viii. Industrial Receptors bd.out
 - ix. Industrial Receptors BOILER2.INP
 - x. Industrial Receptors BOILER2.OUT
 - xi. Industrial Receptors BOILER.INP
 - xii. Industrial Receptors BOILER.OUT
 - xiii. Non-Industrial Receptors bd.inp
 - xiv. Non-Industrial Receptors bd.out
 - xv. Non-Industrial Receptors BOILER2.INP
 - xvi. Non-Industrial Receptors BOILER2.OUT
 - xvii. Non-Industrial Receptors BOILER.INP
 - xviii. Non-Industrial Receptors BOILER.OUT

NOTE: The modeling for the Powerhouse emissions was done using the Multi-Chemical option of ISC3. Results were taken from the plot files instead of the output files.

ATTACHMENT 1
Benchmark Ambient Concentrations (BAC)
and **de minimis** values

Chemical	CAS No.	Cancer Risk			De Minimis				Chronic Noncancer Risk				
		BAC _C µg/m ³	Basis of BAC _C		Lb/Ave		C/ NC ⁴	BAC _{NC} µg/m ³	Ave	Type	Basis of BAC _{NC}		
			Source	Date	Lb/Yr ⁵	Period	Lb/Hr				Period	Source	Date
Category 1 TACs													
1	Acrylonitrile	107-13-1	0.015	IRIS	1/1/1991	7.2		0.008	C	2	Annual	RfC	IRIS 12/1/1991
2	Arsenic and arsenic compounds ¹	7440-38-2	0.00023		4/10/1998	0.11		0.00012	C	0.03	Annual	REL	Cal 1/1/2001
3	Benzene	71-43-2	0.13	IRIS	1/19/2000	62.4		0.070	C	30	Annual	RfC	IRIS 4/17/2003
4	Bromoform	75-25-2	0.91	IRIS	1/1/1991	437		0.49	C	50.2	8hr	TLV	ACGIH
5	1,3-Butadiene	106-99-0	0.03	IRIS	11/5/2002	14.4		0.016	C	2	Annual	RfC	IRIS 11/5/2002
6	Cadmium and cadmium compounds ¹	7440-43-9	0.00056	IRIS	6/1/1992	0.27		0.0003	C	0.02	Annual	REL	Cal 1/1/2001
7	Carbon tetrachloride	56-23-5	0.067	IRIS	6/1/1991	32.2		0.036	C	40	Annual	REL	Cal 1/1/2001
8	Chloroform	67-66-3	0.043	IRIS	10/19/2001	20.6		0.023	C	300	Annual	REL	Cal 4/1/2000
9	Chloroprene [2-Chloro-1,3-butadiene]	126-99-8	0.001	MI ^{N,IA}	11/22/2000	0.48		0.0005	C	1	Annual	REL	Cal 1/1/1992
10	Chromium ^{hexavalent} & CR compounds ¹	7440-47-3	0.000083	IRIS	9/3/1998	0.040		0.000045	C	0.008	Annual	RfC	IRIS 9/3/1998
	Chromium ^{trivalent} & Cr compounds ¹	16065-83-1				110	0.10	0.10	NC	5	8hr	ITSL	Mich 12/26/1995
11	1,4-Dichlorobenzene	106-46-7	0.09	CA ^{N,IA}	4/1/1999	43.7		0.049	C	800	Annual	RfC	IRIS 11/1/1996
12	Ethyl acrylate	140-88-5	0.07	MI ^{IA}	2/8/1984	33.6		0.038	C	48	Annual	REL	Cal 1/1/1992
13	Formaldehyde	50-00-0	0.077	IRIS	5/1/1991	37.0		0.042	C	3	Annual	REL	Cal 2/1/2000
14	Methylene chloride [Dichloromethane]	75-09-2	2.1	IRIS	2/1/1995	1,008		1.13	C	400	Annual	REL	Cal 2/1/2000
15	Nickel and nickel compounds ¹	7440-02-0	0.0038	CA ^{N,IA}	8/1/1991	1.8		0.002	C	0.05	Annual	REL	Cal 2/1/2000
16	Perchloroethylene [Tetrachloroethylene]	127-18-4	0.17	CA ^{N,IA}	10/1/1991	81.6		0.092	C	35	Annual	REL	Cal 10/1/1991
17	Trichloroethylene	79-01-6	0.5	CA ^{N,IA}	10/1/1990	240		0.27	C	600	Annual	REL	Cal 4/1/2000
18	Vinyl chloride	75-01-4	0.23	IRIS	8/7/2000	110		0.12	C	100	Annual	RfC	IRIS 8/7/2000

ATTACHMENT 2
Emission Rates

Assumptions	9,500,000	Maximum Annual Flow to Control Device
	98%	Destruction Efficiency of Flare
	99.99%	Destruction Efficiency of Flare Thermal Oxidizer (Flare TO)
		Permit Restriction on Maximum Percentage of Time
	10%	Flare Used
	90%	Minimum Percentage of Time Flare Thermal Oxidizer Used

TAC	Total Emissions		
	LBS/HR	lbs/yr	g/sec
1,3-Butadiene (Flare TO)	0.0976	855	1.23E-02
1,3-Butadiene (Flare)	2.17	19,000	2.73E-01
1,3-Butadiene (Fugitive Plant-wide)	0.3274	2,868	4.13E-02

Coal Boilers Assumptions

2 Coal-fired Boilers per Permit

212,000,000

BTU/hr each Boiler per Permit

9.06 Coal Usage (Ton/hr) each Boiler per Permit

Table 1.1-18 EMISSION FACTORS FOR TRACE METALS FROM
CONTROLLED COAL COMBUSTION

TAC	Emission Factor (lb/ton)	Emission Factor Rating	Total Emissions		
			LBS/HR	lbs/yr	g/sec
Arsenic and arsenic compounds	4.10E-04	A	7.43E-03	65.080	9.36E-04
Cadmium and cadmium compounds	5.10E-05	A	9.24E-04	8.095	1.16E-04
Chromium ^{hexavalent} & CR compounds	7.90E-05	D	1.43E-03	12.540	1.80E-04
Chromium ^{trivalent} & Cr compounds	1.81E-04	n/a	3.28E-03	28.730	4.13E-04
Nickel and nickel compounds	2.80E-04	A	5.07E-03	44.445	6.39E-04

Table 1.1-14 EMISSION FACTORS FOR VARIOUS ORGANIC COMPOUNDS
FROM CONTROLLED COAL COMBUSTION

TAC	Emission Factor (lb/ton)	Emission Factor Rating	Total Emissions		
			LBS/HR	lbs/yr	g/sec
Benzene	1.30E-03	A	2.36E-02	206.351	2.97E-03
Bromoform	3.90E-05	E	7.07E-04	6.191	8.90E-05
Chloroform	5.90E-05	D	1.07E-03	9.365	1.35E-04
Formaldehyde	2.40E-04	A	4.35E-03	38.095	5.48E-04
Methylene chloride [Dichloromethane]	2.90E-04	D	5.25E-03	46.032	6.62E-04

Fuel Oil Boilers Assumptions

2	Natural Gas/Fuel Oil Boilers per Permit
99,000,000	BTU/hr Each Boiler per Permit
8.6724E+11	BTU/yr Each Boiler 8,760 hrs
1,435	Gal/hr per Permit
12,571	No. 6 Fuel Oil 10 ³ Gal/yr

Table 1.3-9. EMISSION FACTORS FOR SPECIATED ORGANIC COMPOUNDS
FROM FUEL OIL COMBUSTION^a

TAC	Average Emission Factor ^b (lb/10 ³ Gal)	EMISSION FACTOR RATING	Total Emissions		
			LBS/HR	lbs/yr	g/sec
Benzene	2.14E-04	C	3.07E-04	2.69E+00	3.87E-05
Formaldehyde ^d	3.30E-02	C	4.74E-02	4.15E+02	5.97E-03

^a Data are for residual oil fired boilers, Source Classification Codes (SCCs) 1-01-004-01/04.

^b References 64-72. To convert from lb/10³ gal to kg/103 L, multiply by 0.12.

^c Based on data from one source test (Reference 67).

^d The formaldehyde number presented here is based only on data from utilities using No. 6 oil. The number presented in Table 1.3-7 is based on utility, commercial, and industrial boilers.

Table 1.3-10. EMISSION FACTORS FOR TRACE ELEMENTS FROM DISTILLATE
FUEL OIL COMBUSTION SOURCES

TAC	Emission Factor (lb/10 ¹² Btu)	EMISSION FACTOR RATING	Total Emissions		
			LBS/HR	lbs/yr	g/sec
Arsenic and arsenic compounds	4	E	7.92E-04	6.94E+00	9.98E-05
Cadmium and cadmium compounds	3	E	5.94E-04	5.20E+00	7.48E-05
Chromium ^{trivalent} & Cr compounds	2.1	E	4.16E-04	3.64E+00	5.24E-05
Chromium ^{hexavalent} & CR compounds	0.9	E	1.78E-04	1.56E+00	2.25E-05
Nickel and nickel compounds	3	E	5.94E-04	5.20E+00	7.48E-05

ATTACHMENT 3
Stack Parameters

Source Pathway - Source Inputs

Point Sources

Source Type	Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation (Optional)	Release Height [m]	Emission Rate [g/s]	Gas Exit Temp. [K]	Gas Exit Velocity [m/s]	Stack Inside Diameter [m]
POINT	Flare TO	600766.72 Thermal Oxidizer	4229669.56	128.00	18.29	0.01540	1,088.71	2.86	1.83

Volume Sources

Source Type	Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation (Optional)	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dim. [m]	Initial Vertical Dim. [m]
VOLUME	LP	600800.26 VOLUME SOURCE - LIQUID POLYMER	4229491.50	128.00	9.14	0.00458	20.00	Surface-Based	4.65	13.95

Area Sources

No Area Sources Specified

Open Pit Sources

No Open Pit Sources Specified

Circular Area Sources

No Circular Area Sources Specified

Source Pathway - Source Inputs

Polygon Area Sources

Source Type	Source ID	Base Elevation (Optional)	Release Height [m]	Emission Rate [g/ (s-m ²)]	Initial Vertical Dim. [m]	Number of Vertices (or sides)	X Coordinate for Vertices [m]	Y Coordinate for Vertices [m]
AREA POLY	DAYTANKS	128.00 TANK FARM	1.00	4.98E-6	1.42	4	600725.23 600750.34 600722.59 600693.78	4229561.35 4229551.84 4229489.73 4229502.15
	PURIF1	128.00 PURIFICATION	1.52	0.00003	6.38	4	600960.68 600971.91 600965.77 600954.15	4229489.88 4229485.55 4229471.31 4229475.49
	PURIF2	128.00 PURIFICATION	4.57	0.00003	6.38	4	600960.39 600971.62 600965.48 600953.86	4229490.45 4229486.14 4229471.90 4229476.08
	PURIF3	128.00 PURIFICATION	7.62	0.00001	6.38	4	600960.58 600971.81 600965.67 600954.05	4229490.11 4229485.80 4229471.56 4229475.74
	SPHERES	128.00 BD SPHERE AREA	2.00	1.24E-6	3.54	4	600569.79 600610.31 600569.79 600529.78	4229687.41 4229671.20 4229589.65 4229607.38
	RAILCARS	128.00 RAILCAR AREA	1.00	0.00001	1.42	4	600694.81 600691.26 600787.00 600789.46	4229664.00 4229655.89 4229605.79 4229614.44

Flare Sources

Source Type	Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation (Optional)	Release Height [m]	Emission Rate [g/s]	Gas Exit Temp. [K]	Gas Exit Velocity [m/s]	Stack Inside Diameter [m]
FLARE	FLARE	600,749.39 Flare	4,229,679.63	128.00	64.38	0.34233	1,273.00	20.00	0.46

Line Sources

No Line Sources Specified

Source Pathway - Source Inputs

Point Sources

Source Type	Source ID	Y Coordinate [m] X Coordinate [m]	Base Elevation (Optional)	Release Height [m]	Emission Rate [g/s]	Gas Exit Temp. [K]	Gas Exit Velocity [m/s]	Stack Inside Diameter [m]
POINT	BOILER	600940.69 4229299.22 Coal-fired Boilers - 2	128.00	53.34	1.00000	341.48	18.29	2.21
	BOILER2	600988.47 4229288.92 Natural Gas/Fuel Oil Boilers - 2	128.00	53.34	1.00000	449.82	13.11	1.37

Volume Sources

No Volume Sources Specified

Area Sources

No Area Sources Specified

Open Pit Sources

No Open Pit Sources Specified

Circular Area Sources

No Circular Area Sources Specified

Polygon Area Sources

No Polygon Area Sources Specified

Flare Sources

No Flare Sources Specified

Line Sources

No Line Sources Specified

ATTACHMENT 4
Building Parameters

Building parameters are included in the files on the disk submitted with this report.

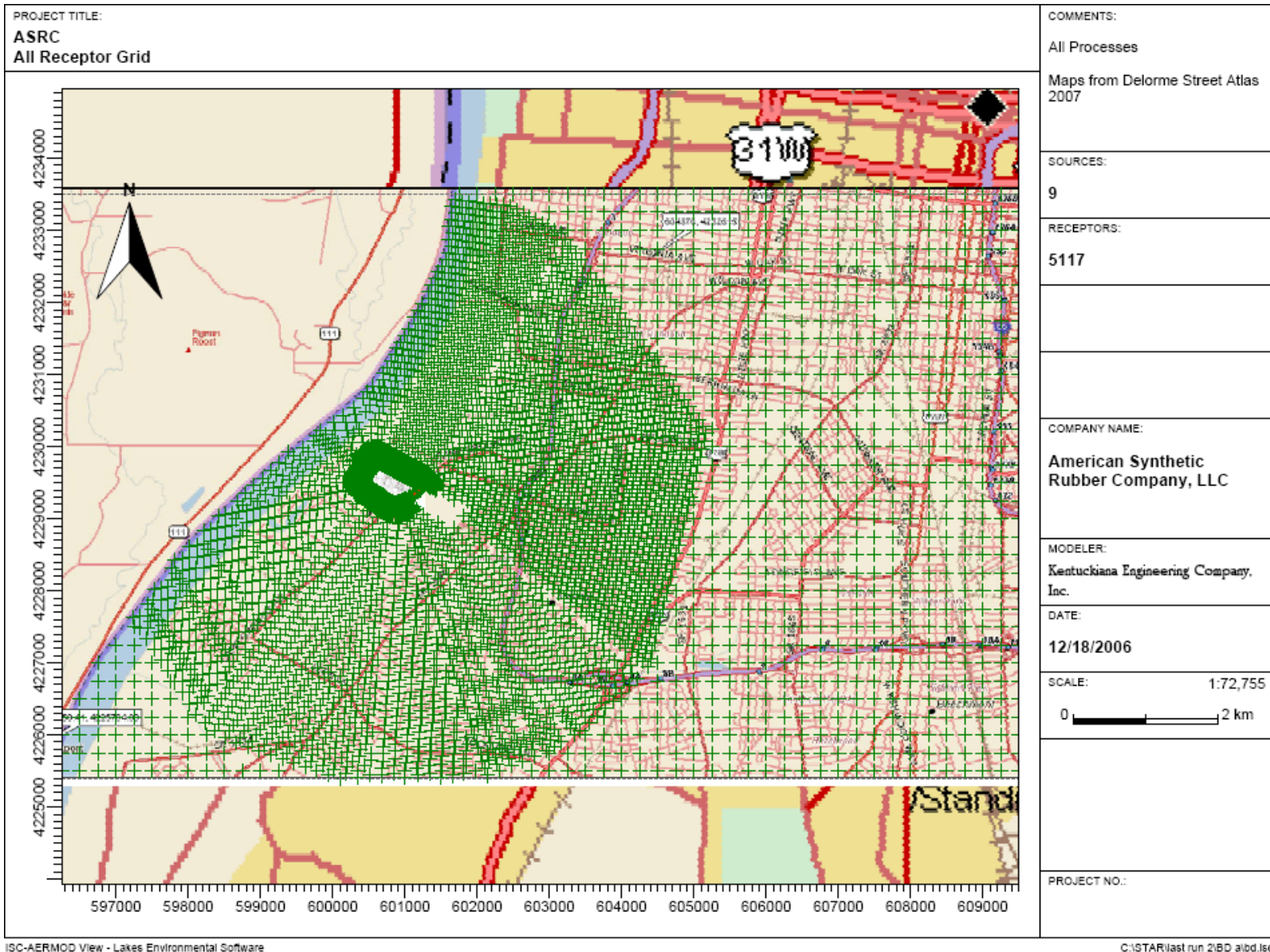
ASRC provided an AutoCAD drawing of the plant and building heights. The drawing was imported into the model and the buildings were drawn on top of that overlay with each building given its respective height.

This fact was communicated to LMAPCD and KEC was told that including the *.bpi, *.pro and *.sup files from the BPIP run would provide LMAPCD with the information needed.

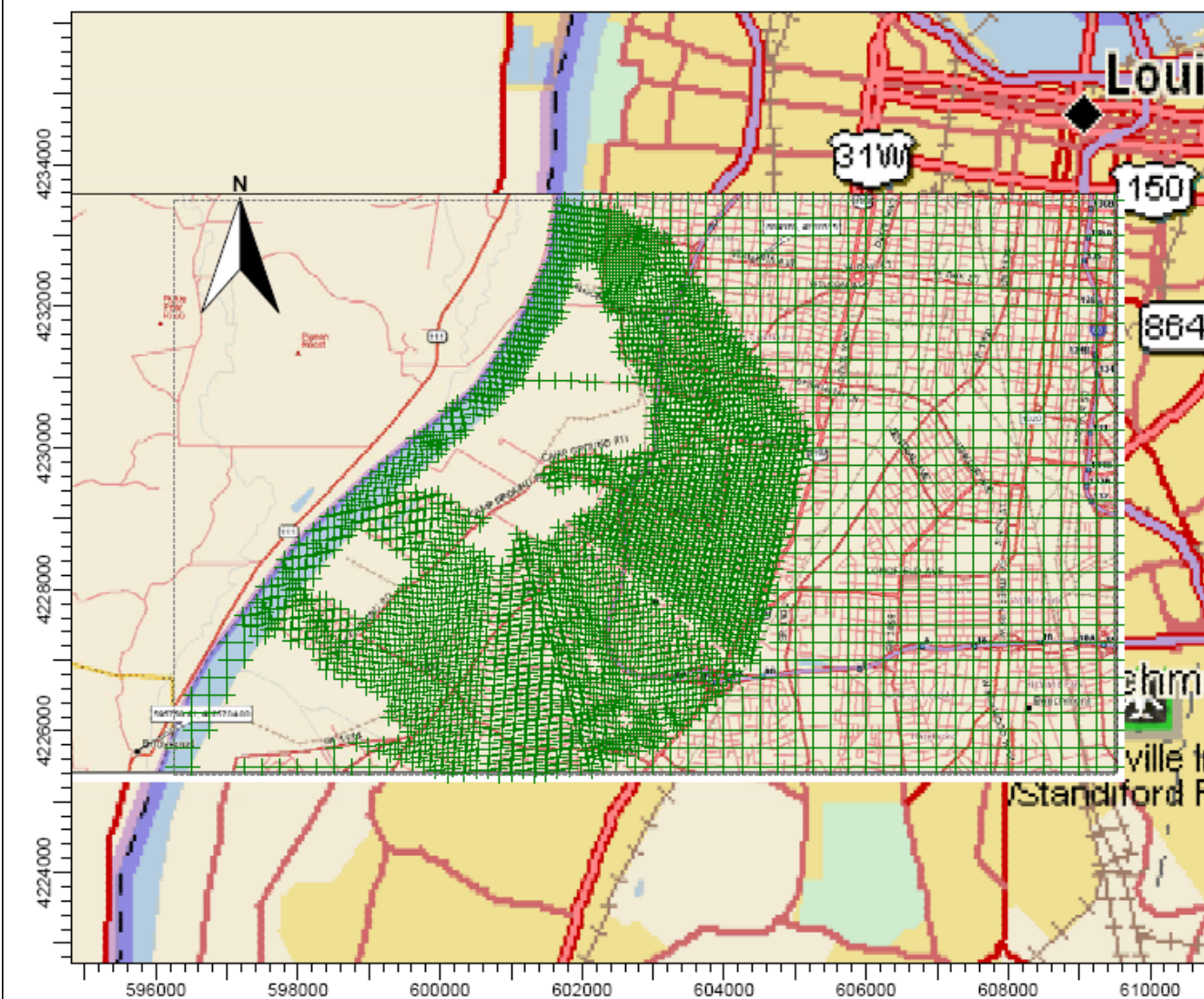
**ATTACHMENT 5
RECEPTOR PLOT**

The plant boundary was drawn based on information provided by ASRC. A 20-meter spacing Intermediate Plant Boundary was generated. A Fenceline Grid with 20 meter Segment Spacing and a 20 meter Tier Spacing out to 200 meters from the Plant Boundary was generated. A second Fenceline Grid with a 100 meter Segment spacing and a 100 meter Tier Spacing out to 4 kilometers from the plant boundary was generated. A Uniform Cartesian Grid 16 kilometers by 16 kilometers with 250 meter spacing was placed around the plant.

All receptors were converted to Discrete Cartesian Receptors and those within the plant boundary were deleted as well as those outside Jefferson County. Receptors were selected to generate necessary information. Receptors not expected to have maximum impacts were removed. The Site domain is 8,129.47 meters by 13,250 meters



PROJECT TITLE:

**ASRC
Public Receptor Grid**

ISC-AERMOD View - Lakes Environmental Software

COMMENTS:

All Processes

Maps from Delorme Street Atlas
2007

SOURCES:

9

RECEPTORS:

3208

COMPANY NAME:

**American Synthetic
Rubber Company, LLC**

MODELER:

**Kentuckiana Engineering Company,
Inc.**

DATE:

12/18/2006

SCALE: 1:88,621

0 2 km

PROJECT NO.:

C:\STAR\last run 2\BD plibd.lsc

**ATTACHMENT 6
RESULTS TABLE**

Environmental Acceptability Results Table Industrial Receptors

Process ID: Flare TO					Allowed/Potential				
	TAC	BAC _c	BAC _{nc}	BAC _{nc} A.P.	Lb/Hr	Lb/A.P.	Max Conc ug/m ³	Risk c	HQ
1	Acrylonitrile	0.015	2	Annual				0	0
2	Arsenic and arsenic compounds	0.00023	0.03	Annual				0	0
3	Benzene	0.13	30	Annual				0	0
4	Bromoform	0.91	50.2	8hr				0	0
5	1,3-Butadiene	0.03	2	Annual	0.0976		0.01387	0.462333	0.006935
6	Cadmium and cadmium compounds	0.00056	0.02	Annual				0	0
7	Carbon tetrachloride	0.067	40	Annual				0	0
8	Chloroform	0.043	300	Annual				0	0
9	Chloroprene [2-Chloro-1,3-butadiene]	0.001	1	Annual				0	0
10	Chromium ^{hexavalent} & CR compounds	0.000083	0.008	Annual				0	0
	Chromium ^{trivalent} & Cr compounds		5	8hr					0
11	1,4-Dichlorobenzene	0.09	800	Annual				0	0
12	Ethyl acrylate	0.07	48	Annual				0	0
13	Formaldehyde	0.077	3	Annual				0	0
14	Methylene chloride [Dichloromethane]	2.1	400	Annual				0	0
15	Nickel and nickel compounds	0.0038	0.05	Annual				0	0
16	Perchloroethylene [Tetrachloroethylene]	0.17	35	Annual				0	0
17	Trichloroethylene	0.5	600	Annual				0	0
18	Vinyl chloride	0.23	100	Annual				0	0

Environmental Acceptability Results Table Industrial Receptors

Process ID:	Flare								
					Allowed/Potential				
	TAC	BAC _c	BAC _{nc}	BAC _{nc} A.P.	Lb/Hr	Lb/A.P.	Max Conc ug/m ³	Risk _c	HQ
1	Acrylonitrile	0.015	2	Annual				0	0
2	Arsenic and arsenic compounds	0.00023	0.03	Annual				0	0
3	Benzene	0.13	30	Annual				0	0
4	Bromoform	0.91	50.2	8hr				0	0
5	1,3-Butadiene	0.03	2	Annual	2.17		0.10299	3.433	0.051495
6	Cadmium and cadmium compounds	0.00056	0.02	Annual				0	0
7	Carbon tetrachloride	0.067	40	Annual				0	0
8	Chloroform	0.043	300	Annual				0	0
9	Chloroprene [2-Chloro-1,3-butadiene]	0.001	1	Annual				0	0
10	Chromium ^{hexavalent} & CR compounds	0.000083	0.008	Annual				0	0
	Chromium ^{trivalent} & Cr compounds		5	8hr					0
11	1,4-Dichlorobenzene	0.09	800	Annual				0	0
12	Ethyl acrylate	0.07	48	Annual				0	0
13	Formaldehyde	0.077	3	Annual				0	0
14	Methylene chloride [Dichloromethane]	2.1	400	Annual				0	0
15	Nickel and nickel compounds	0.0038	0.05	Annual				0	0
16	Perchloroethylene [Tetrachloroethylene]	0.17	35	Annual				0	0
17	Trichloroethylene	0.5	600	Annual				0	0
18	Vinyl chloride	0.23	100	Annual				0	0

Environmental Acceptability Results Table Industrial Receptors

Process ID: Flare & Flare TO together		Allowed/Potential							
	TAC	BAC _c	BAC _{nc}	BAC _{nc} A.P.	Lb/Hr	Lb/A.P.	Max Conc ug/m ³	Risk c	HQ
1	Acrylonitrile	0.015	2	Annual				0	0
2	Arsenic and arsenic compounds	0.00023	0.03	Annual				0	0
3	Benzene	0.13	30	Annual				0	0
4	Bromoform	0.91	50.2	8hr				0	0
5	1,3-Butadiene	0.03	2	Annual	2.17		0.14398	4.799333	0.07199
6	Cadmium and cadmium compounds	0.00056	0.02	Annual				0	0
7	Carbon tetrachloride	0.067	40	Annual				0	0
8	Chloroform	0.043	300	Annual				0	0
9	Chloroprene [2-Chloro-1,3-butadiene]	0.001	1	Annual				0	0
10	Chromium ^{hexavalent} & CR compounds	0.000083	0.008	Annual				0	0
	Chromium ^{trivalent} & Cr compounds		5	8hr					0
11	1,4-Dichlorobenzene	0.09	800	Annual				0	0
12	Ethyl acrylate	0.07	48	Annual				0	0
13	Formaldehyde	0.077	3	Annual				0	0
14	Methylene chloride [Dichloromethane]	2.1	400	Annual				0	0
15	Nickel and nickel compounds	0.0038	0.05	Annual				0	0
16	Perchloroethylene [Tetrachloroethylene]	0.17	35	Annual				0	0
17	Trichloroethylene	0.5	600	Annual				0	0
18	Vinyl chloride	0.23	100	Annual				0	0

Environmental Acceptability Results Table Industrial Receptors

Process ID: U4 PowerHouse					Allowed/Potential				
	TAC	BAC _c	BAC _{nc}	BAC _{nc} A.P.	Lb/Hr	Lb/A.P.	Max Conc ug/m ³	Risk c	HQ
1	Acrylonitrile	0.015	2	Annual				0.0000	0.0000
2	Arsenic and arsenic compounds	0.00023	0.03	Annual	8.22E-03		3.00E-05	0.1304	0.0010
3	Benzene	0.13	30	Annual	2.39E-02		2.00E-05	0.0002	0.0000
4	Bromoform	0.91	50.2	8hr		7.07E-04	2.70E-03	0.0030	0.0001
5	1,3-Butadiene	0.03	2	Annual				0.0000	0.0000
6	Cadmium and cadmium compounds	0.00056	0.02	Annual	1.52E-03		5.00E-05	0.0893	0.0025
7	Carbon tetrachloride	0.067	40	Annual				0.0000	0.0000
8	Chloroform	0.043	300	Annual	1.07E-03		3.00E-05	0.0007	0.0000
9	Chloroprene [2-Chloro-1,3-butadiene]	0.001	1	Annual				0.0000	0.0000
10	Chromium ^{hexavalent} & CR compounds	0.000083	0.008	Annual	4.89E-03		5.00E-05	0.6024	0.0063
	Chromium ^{trivalent} & Cr compounds		5	8hr		1.85E-03	1.25E-02		0.0025
11	1,4-Dichlorobenzene	0.09	800	Annual				0.0000	0.0000
12	Ethyl acrylate	0.07	48	Annual				0.0000	0.0000
13	Formaldehyde	0.077	3	Annual	5.18E-02		1.98E-03	0.0257	0.0007
14	Methylene chloride [Dichloromethane]	2.1	400	Annual	5.25E-03		1.60E-05	0.0000	0.0000
15	Nickel and nickel compounds	0.0038	0.05	Annual	5.66E-03		1.80E-04	0.0474	0.0036
16	Perchloroethylene [Tetrachloroethylene]	0.17	35	Annual				0.0000	0.0000
17	Trichloroethylene	0.5	600	Annual				0.0000	0.0000
18	Vinyl chloride	0.23	100	Annual				0.0000	0.0000

Environmental Acceptability Results Table Industrial Receptors

Process ID: Plantwide Fugitives									
					Allowed/Potential				
	TAC	BAC _c	BAC _{nc}	BAC _{nc} A.P.	Lb/Hr	Lb/A.P.	Max Conc ug/m ³	Risk c	HQ
1	Acrylonitrile	0.015	2	Annual				0	0
2	Arsenic and arsenic compounds	0.00023	0.03	Annual				0	0
3	Benzene	0.13	30	Annual				0	0
4	Bromoform	0.91	50.2	8hr				0	0
5	1,3-Butadiene	0.03	2	Annual	0.03638		1.26305	42.10167	0.631525
6	Cadmium and cadmium compounds	0.00056	0.02	Annual				0	0
7	Carbon tetrachloride	0.067	40	Annual				0	0
8	Chloroform	0.043	300	Annual				0	0
9	Chloroprene [2-Chloro-1,3-butadiene]	0.001	1	Annual				0	0
10	Chromium ^{hexavalent} & CR compounds	0.000083	0.008	Annual				0	0
	Chromium ^{trivalent} & Cr compounds		5	8hr					0
11	1,4-Dichlorobenzene	0.09	800	Annual				0	0
12	Ethyl acrylate	0.07	48	Annual				0	0
13	Formaldehyde	0.077	3	Annual				0	0
14	Methylene chloride [Dichloromethane]	2.1	400	Annual				0	0
15	Nickel and nickel compounds	0.0038	0.05	Annual				0	0
16	Perchloroethylene [Tetrachloroethylene]	0.17	35	Annual				0	0
17	Trichloroethylene	0.5	600	Annual				0	0
18	Vinyl chloride	0.23	100	Annual				0	0

Environmental Acceptability Results Table Industrial Receptors

CUMULATIVE RISK		Total	
	TAC	Risk c	HQ
1	Acrylonitrile	0.0000	0.0000
2	Arsenic and arsenic compounds	0.1304	0.0010
3	Benzene	0.0002	0.0000
4	Bromoform	0.0030	0.0001
5	1,3-Butadiene	45.9970	0.6900
6	Cadmium and cadmium compounds	0.0893	0.0025
7	Carbon tetrachloride	0.0000	0.0000
8	Chloroform	0.0007	0.0000
9	Chloroprene [2-Chloro-1,3-butadiene]	0.0000	0.0000
10	Chromium ^{hexavalent} & CR compounds	0.6024	0.0063
	Chromium ^{trivalent} & Cr compounds	0.0000	0.0025
11	1,4-Dichlorobenzene	0.0000	0.0000
12	Ethyl acrylate	0.0000	0.0000
13	Formaldehyde	0.0257	0.0007
14	Methylene chloride [Dichloromethane]	0.0000	0.0000
15	Nickel and nickel compounds	0.0474	0.0036
16	Perchloroethylene [Tetrachloroethylene]	0.0000	0.0000
17	Trichloroethylene	0.0000	0.0000
18	Vinyl chloride	0.0000	0.0000
	CUMULATIVE RISK	46.8960	

Note this table is for the Flare and the Flare TO modeled separately.

Environmental Acceptability Results Table Industrial Receptors

CUMULATIVE RISK		Total	
	TAC	Risk c	HQ
1	Acrylonitrile	0.0000	0.0000
2	Arsenic and arsenic compounds	0.1304	0.0010
3	Benzene	0.0002	0.0000
4	Bromoform	0.0030	0.0001
5	1,3-Butadiene	46.9010	0.7035
6	Cadmium and cadmium compounds	0.0893	0.0025
7	Carbon tetrachloride	0.0000	0.0000
8	Chloroform	0.0007	0.0000
9	Chloroprene [2-Chloro-1,3-butadiene]	0.0000	0.0000
10	Chromium ^{hexavalent} & CR compounds	0.6024	0.0063
	Chromium ^{trivalent} & Cr compounds	0.0000	0.0025
11	1,4-Dichlorobenzene	0.0000	0.0000
12	Ethyl acrylate	0.0000	0.0000
13	Formaldehyde	0.0257	0.0007
14	Methylene chloride [Dichloromethane]	0.0000	0.0000
15	Nickel and nickel compounds	0.0474	0.0036
16	Perchloroethylene [Tetrachloroethylene]	0.0000	0.0000
17	Trichloroethylene	0.0000	0.0000
18	Vinyl chloride	0.0000	0.0000
	CUMULATIVE RISK	47.8000	

Note: This table is for the Flare and the Flare TO modeled together.

Environmental Acceptability Results Table Non-Industrial Receptors

Process ID: Flare TO									
					Allowed/Potential				
	TAC	BAC _c	BAC _{nc}	BAC _{nc} A.P.	Lb/Hr	Lb/A.P.	Max Conc ug/m ³	Risk c	HQ
1	Acrylonitrile	0.015	2	Annual				0	0
2	Arsenic and arsenic compounds	0.00023	0.03	Annual				0	0
3	Benzene	0.13	30	Annual				0	0
4	Bromoform	0.91	50.2	8hr				0	0
5	1,3-Butadiene	0.03	2	Annual	0.0976		0.00669	0.223	0.003345
6	Cadmium and cadmium compounds	0.00056	0.02	Annual				0	0
7	Carbon tetrachloride	0.067	40	Annual				0	0
8	Chloroform	0.043	300	Annual				0	0
9	Chloroprene [2-Chloro-1,3-butadiene]	0.001	1	Annual				0	0
10	Chromium ^{hexavalent} & CR compounds	0.000083	0.008	Annual				0	0
	Chromium ^{trivalent} & Cr compounds		5	8hr					0
11	1,4-Dichlorobenzene	0.09	800	Annual				0	0
12	Ethyl acrylate	0.07	48	Annual				0	0
13	Formaldehyde	0.077	3	Annual				0	0
14	Methylene chloride [Dichloromethane]	2.1	400	Annual				0	0
15	Nickel and nickel compounds	0.0038	0.05	Annual				0	0
16	Perchloroethylene [Tetrachloroethylene]	0.17	35	Annual				0	0
17	Trichloroethylene	0.5	600	Annual				0	0
18	Vinyl chloride	0.23	100	Annual				0	0

Environmental Acceptability Results Table Non-Industrial Receptors

Process ID:	Flare								
					Allowed/Potential				
	TAC	BAC _c	BAC _{nc}	BAC _{nc} A.P.	Lb/Hr	Lb/A.P.	Max Conc ug/m ³	Risk c	HQ
1	Acrylonitrile	0.015	2	Annual				0	0
2	Arsenic and arsenic compounds	0.00023	0.03	Annual				0	0
3	Benzene	0.13	30	Annual				0	0
4	Bromoform	0.91	50.2	8hr				0	0
5	1,3-Butadiene	0.03	2	Annual	2.17		0.06356	2.118667	0.03178
6	Cadmium and cadmium compounds	0.00056	0.02	Annual				0	0
7	Carbon tetrachloride	0.067	40	Annual				0	0
8	Chloroform	0.043	300	Annual				0	0
9	Chloroprene [2-Chloro-1,3-butadiene]	0.001	1	Annual				0	0
10	Chromium ^{hexavalent} & CR compounds	0.000083	0.008	Annual				0	0
	Chromium ^{trivalent} & Cr compounds		5	8hr					0
11	1,4-Dichlorobenzene	0.09	800	Annual				0	0
12	Ethyl acrylate	0.07	48	Annual				0	0
13	Formaldehyde	0.077	3	Annual				0	0
14	Methylene chloride [Dichloromethane]	2.1	400	Annual				0	0
15	Nickel and nickel compounds	0.0038	0.05	Annual				0	0
16	Perchloroethylene [Tetrachloroethylene]	0.17	35	Annual				0	0
17	Trichloroethylene	0.5	600	Annual				0	0
18	Vinyl chloride	0.23	100	Annual				0	0

Environmental Acceptability Results Table Non-Industrial Receptors

Process ID:	Flare & Flare TO together								
					Allowed/Potential				
	TAC	BAC _c	BAC _{nc}	BAC _{nc} A.P.	Lb/Hr	Lb/A.P.	Max Conc ug/m ³	Risk c	HQ
1	Acrylonitrile	0.015	2	Annual				0	0
2	Arsenic and arsenic compounds	0.00023	0.03	Annual				0	0
3	Benzene	0.13	30	Annual				0	0
4	Bromoform	0.91	50.2	8hr				0	0
5	1,3-Butadiene	0.03	2	Annual	2.17		0.08801	2.933667	0.044005
6	Cadmium and cadmium compounds	0.00056	0.02	Annual				0	0
7	Carbon tetrachloride	0.067	40	Annual				0	0
8	Chloroform	0.043	300	Annual				0	0
9	Chloroprene [2-Chloro-1,3-butadiene]	0.001	1	Annual				0	0
10	Chromium ^{hexavalent} & CR compounds	0.000083	0.008	Annual				0	0
	Chromium ^{trivalent} & Cr compounds		5	8hr					0
11	1,4-Dichlorobenzene	0.09	800	Annual				0	0
12	Ethyl acrylate	0.07	48	Annual				0	0
13	Formaldehyde	0.077	3	Annual				0	0
14	Methylene chloride [Dichloromethane]	2.1	400	Annual				0	0
15	Nickel and nickel compounds	0.0038	0.05	Annual				0	0
16	Perchloroethylene [Tetrachloroethylene]	0.17	35	Annual				0	0
17	Trichloroethylene	0.5	600	Annual				0	0
18	Vinyl chloride	0.23	100	Annual				0	0

Environmental Acceptability Results Table Non-Industrial Receptors

Process ID:	U4 PowerHouse								
					Allowed/Potential				
	TAC	BAC _c	BAC _{nc}	BAC _{nc} A.P.	Lb/Hr	Lb/A.P.	Max Conc ug/m ³	Risk c	HQ
1	Acrylonitrile	0.015	2	Annual				0.0000	0.0000
2	Arsenic and arsenic compounds	0.00023	0.03	Annual	8.22E-03		2.00E-05	0.0870	0.0007
3	Benzene	0.13	30	Annual	2.39E-02		1.00E-05	0.0001	0.0000
4	Bromoform	0.91	50.2	8hr		7.07E-04	2.50E-04	0.0003	0.0000
5	1,3-Butadiene	0.03	2	Annual				0.0000	0.0000
6	Cadmium and cadmium compounds	0.00056	0.02	Annual	1.52E-03		3.00E-05	0.0536	0.0015
7	Carbon tetrachloride	0.067	40	Annual				0.0000	0.0000
8	Chloroform	0.043	300	Annual	1.07E-03		2.00E-05	0.0005	0.0000
9	Chloroprene [2-Chloro-1,3-butadiene]	0.001	1	Annual				0.0000	0.0000
10	Chromium ^{hexavalent} & CR compounds	0.000083	0.008	Annual	4.89E-03		3.00E-05	0.3614	0.0038
	Chromium ^{trivalent} & Cr compounds		5	8hr		1.85E-03	1.32E-03		0.0003
11	1,4-Dichlorobenzene	0.09	800	Annual				0.0000	0.0000
12	Ethyl acrylate	0.07	48	Annual				0.0000	0.0000
13	Formaldehyde	0.077	3	Annual	5.18E-02		1.11E-03	0.0144	0.0004
14	Methylene chloride [Dichloromethane]	2.1	400	Annual	5.25E-03		9.00E-05	0.0000	0.0000
15	Nickel and nickel compounds	0.0038	0.05	Annual	5.66E-03		1.00E-04	0.0263	0.0020
16	Perchloroethylene [Tetrachloroethylene]	0.17	35	Annual				0.0000	0.0000
17	Trichloroethylene	0.5	600	Annual				0.0000	0.0000
18	Vinyl chloride	0.23	100	Annual				0.0000	0.0000

Environmental Acceptability Results Table Non-Industrial Receptors

Process ID: Plantwide Fugitives									
					Allowed/Potential				
	TAC	BAC _c	BAC _{nc}	BAC _{nc} A.P.	Lb/Hr	Lb/A.P.	Max Conc ug/m ³	Risk c	HQ
1	Acrylonitrile	0.015	2	Annual				0	0
2	Arsenic and arsenic compounds	0.00023	0.03	Annual				0	0
3	Benzene	0.13	30	Annual				0	0
4	Bromoform	0.91	50.2	8hr				0	0
5	1,3-Butadiene	0.03	2	Annual	0.03638		0.05824	1.941333	0.02912
6	Cadmium and cadmium compounds	0.00056	0.02	Annual				0	0
7	Carbon tetrachloride	0.067	40	Annual				0	0
8	Chloroform	0.043	300	Annual				0	0
9	Chloroprene [2-Chloro-1,3-butadiene]	0.001	1	Annual				0	0
10	Chromium ^{hexavalent} & CR compounds	0.000083	0.008	Annual				0	0
	Chromium ^{trivalent} & Cr compounds		5	8hr					0
11	1,4-Dichlorobenzene	0.09	800	Annual				0	0
12	Ethyl acrylate	0.07	48	Annual				0	0
13	Formaldehyde	0.077	3	Annual				0	0
14	Methylene chloride [Dichloromethane]	2.1	400	Annual				0	0
15	Nickel and nickel compounds	0.0038	0.05	Annual				0	0
16	Perchloroethylene [Tetrachloroethylene]	0.17	35	Annual				0	0
17	Trichloroethylene	0.5	600	Annual				0	0
18	Vinyl chloride	0.23	100	Annual				0	0

Environmental Acceptability Results Table Non-Industrial Receptors

CUMULATIVE RISK		Total	
	TAC	Risk c	HQ
1	Acrylonitrile	0.0000	0.0000
2	Arsenic and arsenic compounds	0.0870	0.0007
3	Benzene	0.0001	0.0000
4	Bromoform	0.0003	0.0000
5	1,3-Butadiene	4.2830	0.0642
6	Cadmium and cadmium compounds	0.0536	0.0015
7	Carbon tetrachloride	0.0000	0.0000
8	Chloroform	0.0005	0.0000
9	Chloroprene [2-Chloro-1,3-butadiene]	0.0000	0.0000
10	Chromium ^{hexavalent} & CR compounds	0.3614	0.0038
	Chromium ^{trivalent} & Cr compounds	0.0000	0.0003
11	1,4-Dichlorobenzene	0.0000	0.0000
12	Ethyl acrylate	0.0000	0.0000
13	Formaldehyde	0.0144	0.0004
14	Methylene chloride [Dichloromethane]	0.0000	0.0000
15	Nickel and nickel compounds	0.0263	0.0020
16	Perchloroethylene [Tetrachloroethylene]	0.0000	0.0000
17	Trichloroethylene	0.0000	0.0000
18	Vinyl chloride	0.0000	0.0000
	CUMULATIVE RISK	4.8266	

Note: This table is for the Flare and the Flare TO modeled separately.

Environmental Acceptability Results Table Non-Industrial Receptors

CUMULATIVE RISK			
		Total	
	TAC	Risk c	HQ
1	Acrylonitrile	0.0000	0.0000
2	Arsenic and arsenic compounds	0.0870	0.0007
3	Benzene	0.0001	0.0000
4	Bromoform	0.0003	0.0000
5	1,3-Butadiene	4.8750	0.0731
6	Cadmium and cadmium compounds	0.0536	0.0015
7	Carbon tetrachloride	0.0000	0.0000
8	Chloroform	0.0005	0.0000
9	Chloroprene [2-Chloro-1,3-butadiene]	0.0000	0.0000
10	Chromium ^{hexavalent} & CR compounds	0.3614	0.0038
	Chromium ^{trivalent} & Cr compounds	0.0000	0.0003
11	1,4-Dichlorobenzene	0.0000	0.0000
12	Ethyl acrylate	0.0000	0.0000
13	Formaldehyde	0.0144	0.0004
14	Methylene chloride [Dichloromethane]	0.0000	0.0000
15	Nickel and nickel compounds	0.0263	0.0020
16	Perchloroethylene [Tetrachloroethylene]	0.0000	0.0000
17	Trichloroethylene	0.0000	0.0000
18	Vinyl chloride	0.0000	0.0000
	CUMULATIVE RISK	5.4186	

Note: This table is for the Flare and the Flare TO together.

Industrial Receptors

TAC 1,3-Butadiene
Process Flare Thermal Oxidizer

X	Y	AVERAGE CONC	ZELEV	AVE	GRP	NUM HRS	NET ID
600829.13	4229896.50	0.01387	128	PERIOD	TO	43824	NA
600829.13	4229896.50	0.01387	128	PERIOD	TO	43824	NA

Industrial Receptors

TAC 1,3-Butadiene
Process Flare

X	Y	AVERAGE CONC	ZELEV	AVE	GRP	NUM HRS	NET ID
600837.50	4230119.50	0.10299	128	PERIOD	FLARE	43824	NA

Industrial Receptors

TAC 1,3-Butadiene
 Process Flare & Flare TO together

X	Y	AVERAGE CONC	ZELEV	AVE	GRP	NUM HRS	NET ID
600837.50	4230119.50	0.014398	128	PERIOD	BOTH	43824	NA

Industrial Receptors				
TAC	1,3-Butadiene			
Process	Plant-wide Fugitives			
X	Y	AVERAGE CONC	ZELEV	AVE
600751.38	4229711.00	1.26305	128	PERIOD

Industrial Receptors

TAC Arsenic and arsenic compounds
 Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
600955.1	4229715	0.00003	128	Period	ALL
600955.1	4229715	0.00003	128	Period	ALL
600956.8	4229760	0.00003	128	Period	ALL
600958.4	4229804	0.00003	128	Period	ALL
600962.9	4229688	0.00003	128	Period	ALL
600964.6	4229733	0.00003	128	Period	ALL
600966.3	4229777	0.00003	128	Period	ALL
600967.9	4229822	0.00003	128	Period	ALL
600970.8	4229661	0.00003	128	Period	ALL
600972.4	4229706	0.00003	128	Period	ALL
600974.1	4229750	0.00003	128	Period	ALL
600975.8	4229795	0.00003	128	Period	ALL
600978.6	4229634	0.00003	128	Period	ALL
600980.3	4229679	0.00003	128	Period	ALL
600981.9	4229723	0.00003	128	Period	ALL
600983.6	4229768	0.00003	128	Period	ALL
600985.3	4229812	0.00003	128	Period	ALL
600988.1	4229652	0.00003	128	Period	ALL
600989.8	4229696	0.00003	128	Period	ALL
600991.4	4229741	0.00003	128	Period	ALL
600993.1	4229785	0.00003	128	Period	ALL
600995.9	4229625	0.00003	128	Period	ALL
600997.6	4229669	0.00003	128	Period	ALL
600999.3	4229714	0.00003	128	Period	ALL
601000.9	4229758	0.00003	128	Period	ALL
601002.6	4229803	0.00003	128	Period	ALL
601002.6	4229803	0.00003	128	Period	ALL
601003.8	4229598	0.00003	128	Period	ALL
601005.4	4229642	0.00003	128	Period	ALL
601007.1	4229687	0.00003	128	Period	ALL
601008.8	4229731	0.00003	128	Period	ALL
601010.5	4229776	0.00003	128	Period	ALL
601013.3	4229615	0.00003	128	Period	ALL
601014.9	4229660	0.00003	128	Period	ALL
601016.6	4229704	0.00003	128	Period	ALL
601018.3	4229749	0.00003	128	Period	ALL
601020	4229794	0.00003	128	Period	ALL
601021.1	4229588	0.00003	128	Period	ALL
601022.8	4229633	0.00003	128	Period	ALL
601024.5	4229678	0.00003	128	Period	ALL

Industrial Receptors

TAC Arsenic and arsenic compounds
 Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
601026.1	4229722	0.00003	128	Period	ALL
601027.8	4229767	0.00003	128	Period	ALL
601030.6	4229606	0.00003	128	Period	ALL
601032.3	4229651	0.00003	128	Period	ALL
601034	4229695	0.00003	128	Period	ALL
601035.7	4229740	0.00003	128	Period	ALL
601037.3	4229784	0.00003	128	Period	ALL
601038.5	4229579	0.00003	128	Period	ALL
601040.1	4229624	0.00003	128	Period	ALL
601041.8	4229668	0.00003	128	Period	ALL
601041.8	4229668	0.00003	128	Period	ALL
601043.5	4229713	0.00003	128	Period	ALL
601045.2	4229757	0.00003	128	Period	ALL
601048	4229597	0.00003	128	Period	ALL
601049.7	4229641	0.00003	128	Period	ALL
601050.2	4229891	0.00003	128	Period	ALL
601051.3	4229686	0.00003	128	Period	ALL
601053	4229730	0.00003	128	Period	ALL
601054.7	4229775	0.00003	128	Period	ALL
601055.8	4229570	0.00003	128	Period	ALL
601057.5	4229614	0.00003	128	Period	ALL
601059.2	4229659	0.00003	128	Period	ALL
601060.8	4229703	0.00003	128	Period	ALL
601062.5	4229748	0.00003	128	Period	ALL
601065.3	4229587	0.00003	128	Period	ALL
601067	4229632	0.00003	128	Period	ALL
601068.7	4229676	0.00003	128	Period	ALL
601070.4	4229721	0.00003	128	Period	ALL
601072	4229765	0.00003	128	Period	ALL
601073.2	4229560	0.00003	128	Period	ALL
601074.9	4229605	0.00003	128	Period	ALL
601076.5	4229649	0.00003	128	Period	ALL
601078.2	4229694	0.00003	128	Period	ALL
601079.9	4229739	0.00003	128	Period	ALL
601082.7	4229578	0.00003	128	Period	ALL
601084.4	4229622	0.00003	128	Period	ALL
601086	4229667	0.00003	128	Period	ALL
601087.7	4229712	0.00003	128	Period	ALL
601089.4	4229756	0.00003	128	Period	ALL
601089.4	4229756	0.00003	128	Period	ALL
601090.5	4229551	0.00003	128	Period	ALL
601092.2	4229595	0.00003	128	Period	ALL

Industrial Receptors

TAC Arsenic and arsenic compounds
 Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
	601093.9	4229640	0.00003	128 Period	ALL
	601095.6	4229685	0.00003	128 Period	ALL
	601097.2	4229729	0.00003	128 Period	ALL
	601097.8	4229979	0.00003	128 Period	ALL
	601100.1	4229568	0.00003	128 Period	ALL
	601101.7	4229613	0.00003	128 Period	ALL
	601103.4	4229658	0.00003	128 Period	ALL
	601105.1	4229702	0.00003	128 Period	ALL
	601106.8	4229747	0.00003	128 Period	ALL
	601109.6	4229586	0.00003	128 Period	ALL
	601111.3	4229631	0.00003	128 Period	ALL
	601112.9	4229675	0.00003	128 Period	ALL
	601114.6	4229720	0.00003	128 Period	ALL
	601117.4	4229559	0.00003	128 Period	ALL
	601119.1	4229604	0.00003	128 Period	ALL
	601120.8	4229648	0.00003	128 Period	ALL
	601122.4	4229693	0.00003	128 Period	ALL
	601124.1	4229737	0.00003	128 Period	ALL
	601126.9	4229577	0.00003	128 Period	ALL
	601128.6	4229621	0.00003	128 Period	ALL
	601128.6	4229621	0.00003	128 Period	ALL
	601130.3	4229666	0.00003	128 Period	ALL
	601131.9	4229710	0.00003	128 Period	ALL
	601134.8	4229550	0.00003	128 Period	ALL
	601136.4	4229594	0.00003	128 Period	ALL
	601136.9	4229844	0.00003	128 Period	ALL
	601138.1	4229639	0.00003	128 Period	ALL
	601139.8	4229683	0.00003	128 Period	ALL
	601141.4	4229728	0.00003	128 Period	ALL
	601144.3	4229567	0.00003	128 Period	ALL
	601145.9	4229612	0.00003	128 Period	ALL
	601147.6	4229656	0.00003	128 Period	ALL
	601149.3	4229701	0.00003	128 Period	ALL
	601153.8	4229585	0.00003	128 Period	ALL
	601155.4	4229629	0.00003	128 Period	ALL
	601157.1	4229674	0.00003	128 Period	ALL
	601158.8	4229719	0.00003	128 Period	ALL
	601161.6	4229558	0.00003	128 Period	ALL
	601163.3	4229602	0.00003	128 Period	ALL
	601164.9	4229647	0.00003	128 Period	ALL
	601166.6	4229692	0.00003	128 Period	ALL
	601171.1	4229576	0.00003	128 Period	ALL

Industrial Receptors

TAC Arsenic and arsenic compounds
 Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
601172.8	4229620	0.00003	128	Period	ALL
601174.4	4229665	0.00003	128	Period	ALL
601176.1	4229709	0.00003	128	Period	ALL
601176.1	4229709	0.00003	128	Period	ALL
601178.9	4229549	0.00003	128	Period	ALL
601180.6	4229593	0.00003	128	Period	ALL
601182.3	4229638	0.00003	128	Period	ALL
601183.9	4229682	0.00003	128	Period	ALL
601184.5	4229932	0.00003	128	Period	ALL
601188.4	4229566	0.00003	128	Period	ALL
601190.1	4229611	0.00003	128	Period	ALL
601191.8	4229655	0.00003	128	Period	ALL
601193.5	4229700	0.00003	128	Period	ALL
601198	4229584	0.00003	128	Period	ALL
601199.6	4229628	0.00003	128	Period	ALL
601201.3	4229673	0.00003	128	Period	ALL
601205.8	4229557	0.00003	128	Period	ALL
601207.5	4229601	0.00003	128	Period	ALL
601209.1	4229646	0.00003	128	Period	ALL
601210.8	4229690	0.00003	128	Period	ALL
601215.3	4229574	0.00003	128	Period	ALL
601215.3	4229574	0.00003	128	Period	ALL
601217	4229619	0.00003	128	Period	ALL
601218.7	4229663	0.00003	128	Period	ALL
601223.7	4229797	0.00003	128	Period	ALL
601224.8	4229592	0.00003	128	Period	ALL
601226.5	4229637	0.00003	128	Period	ALL
601228.2	4229681	0.00003	128	Period	ALL
601234.3	4229610	0.00003	128	Period	ALL
601236	4229654	0.00003	128	Period	ALL
601242.2	4229583	0.00003	128	Period	ALL
601243.9	4229627	0.00003	128	Period	ALL
601245.5	4229672	0.00003	128	Period	ALL
601251.7	4229600	0.00003	128	Period	ALL
601253.4	4229645	0.00003	128	Period	ALL
601261.2	4229618	0.00003	128	Period	ALL
601262.9	4229662	0.00003	128	Period	ALL
601262.9	4229662	0.00003	128	Period	ALL

Industrial Receptors

TAC

Benzene

Process

U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
600860.5	4229789	0.00002	128	Period	ALL
600862.2	4229833	0.00002	128	Period	ALL
600863.8	4229878	0.00002	128	Period	ALL
600866.7	4229717	0.00002	128	Period	ALL
600868.3	4229762	0.00002	128	Period	ALL
600868.3	4229762	0.00002	128	Period	ALL
600870	4229806	0.00002	128	Period	ALL
600871.7	4229851	0.00002	128	Period	ALL
600876.2	4229735	0.00002	128	Period	ALL
600876.7	4229985	0.00002	128	Period	ALL
600877.8	4229780	0.00002	128	Period	ALL
600879.5	4229824	0.00002	128	Period	ALL
600881.2	4229869	0.00002	128	Period	ALL
600884	4229708	0.00002	128	Period	ALL
600885.7	4229753	0.00002	128	Period	ALL
600887.4	4229797	0.00002	128	Period	ALL
600889	4229842	0.00002	128	Period	ALL
600891.9	4229681	0.00002	128	Period	ALL
600893.5	4229726	0.00002	128	Period	ALL
600895.2	4229770	0.00002	128	Period	ALL
600896.9	4229815	0.00002	128	Period	ALL
600898.5	4229859	0.00002	128	Period	ALL
600899.7	4229654	0.00002	128	Period	ALL
600901.4	4229699	0.00002	128	Period	ALL
600903	4229743	0.00002	128	Period	ALL
600904.7	4229788	0.00002	128	Period	ALL
600906.4	4229832	0.00002	128	Period	ALL
600909.2	4229672	0.00002	128	Period	ALL
600910.9	4229716	0.00002	128	Period	ALL
600912.6	4229761	0.00002	128	Period	ALL
600914.2	4229805	0.00002	128	Period	ALL
600915.9	4229850	0.00002	128	Period	ALL
600915.9	4229850	0.00002	128	Period	ALL
600917.1	4229645	0.00002	128	Period	ALL
600918.7	4229689	0.00002	128	Period	ALL
600920.4	4229734	0.00002	128	Period	ALL
600922.1	4229778	0.00002	128	Period	ALL
600923.8	4229823	0.00002	128	Period	ALL
600924.3	4230073	0.00002	128	Period	ALL
600926.6	4229662	0.00002	128	Period	ALL
600928.3	4229707	0.00002	128	Period	ALL

Industrial Receptors

TAC Benzene
Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
600929.9	4229751	0.00002	128	Period	ALL
600931.6	4229796	0.00002	128	Period	ALL
600932.6	4230296	0.00002	128	Period	ALL
600933.3	4229841	0.00002	128	Period	ALL
600934.4	4229635	0.00002	128	Period	ALL
600936.1	4229680	0.00002	128	Period	ALL
600937.8	4229724	0.00002	128	Period	ALL
600939.4	4229769	0.00002	128	Period	ALL
600941.1	4229814	0.00002	128	Period	ALL
600943.9	4229653	0.00002	128	Period	ALL
600945.6	4229697	0.00002	128	Period	ALL
600947.3	4229742	0.00002	128	Period	ALL
600948.9	4229787	0.00002	128	Period	ALL
600950.6	4229831	0.00002	128	Period	ALL
600951.8	4229626	0.00002	128	Period	ALL
600953.4	4229670	0.00002	128	Period	ALL
600955.1	4229715	0.00002	128	Period	ALL
600955.1	4229715	0.00002	128	Period	ALL
600956.8	4229760	0.00002	128	Period	ALL
600958.4	4229804	0.00002	128	Period	ALL
600961.3	4229643	0.00002	128	Period	ALL
600962.9	4229688	0.00002	128	Period	ALL
600963.4	4229938	0.00002	128	Period	ALL
600964.6	4229733	0.00002	128	Period	ALL
600966.3	4229777	0.00002	128	Period	ALL
600967.9	4229822	0.00002	128	Period	ALL
600969.1	4229617	0.00002	128	Period	ALL
600970.8	4229661	0.00002	128	Period	ALL
600971.8	4230161	0.00002	128	Period	ALL
600972.4	4229706	0.00002	128	Period	ALL
600974.1	4229750	0.00002	128	Period	ALL
600975.8	4229795	0.00002	128	Period	ALL
600978.6	4229634	0.00002	128	Period	ALL
600980.1	4230384	0.00002	128	Period	ALL
600980.3	4229679	0.00002	128	Period	ALL
600981.9	4229723	0.00002	128	Period	ALL
600983.6	4229768	0.00002	128	Period	ALL
600985.3	4229812	0.00002	128	Period	ALL
600986.4	4229607	0.00002	128	Period	ALL
600988.1	4229652	0.00002	128	Period	ALL
600989.8	4229696	0.00002	128	Period	ALL
600991.4	4229741	0.00002	128	Period	ALL

Industrial Receptors

TAC Benzene
Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
600993.1	4229785	0.00002	128	Period	ALL
600995.9	4229625	0.00002	128	Period	ALL
600997.6	4229669	0.00002	128	Period	ALL
600999.3	4229714	0.00002	128	Period	ALL
601000.9	4229758	0.00002	128	Period	ALL
601002.6	4229803	0.00002	128	Period	ALL
601002.6	4229803	0.00002	128	Period	ALL
601003.8	4229598	0.00002	128	Period	ALL
601005.4	4229642	0.00002	128	Period	ALL
601007.1	4229687	0.00002	128	Period	ALL
601008.8	4229731	0.00002	128	Period	ALL
601010.5	4229776	0.00002	128	Period	ALL
601011	4230026	0.00002	128	Period	ALL
601013.3	4229615	0.00002	128	Period	ALL
601014.9	4229660	0.00002	128	Period	ALL
601016.6	4229704	0.00002	128	Period	ALL
601018.3	4229749	0.00002	128	Period	ALL
601019.3	4230249	0.00002	128	Period	ALL
601020	4229794	0.00002	128	Period	ALL
601021.1	4229588	0.00002	128	Period	ALL
601022.8	4229633	0.00002	128	Period	ALL
601024.5	4229678	0.00002	128	Period	ALL
601026.1	4229722	0.00002	128	Period	ALL
601027.7	4230471	0.00002	128	Period	ALL
601027.8	4229767	0.00002	128	Period	ALL
601030.6	4229606	0.00002	128	Period	ALL
601032.3	4229651	0.00002	128	Period	ALL
601034	4229695	0.00002	128	Period	ALL
601035.7	4229740	0.00002	128	Period	ALL
601037.3	4229784	0.00002	128	Period	ALL
601038.5	4229579	0.00002	128	Period	ALL
601040.1	4229624	0.00002	128	Period	ALL
601041.8	4229668	0.00002	128	Period	ALL
601041.8	4229668	0.00002	128	Period	ALL
601043.5	4229713	0.00002	128	Period	ALL
601045.2	4229757	0.00002	128	Period	ALL
601048	4229597	0.00002	128	Period	ALL
601049.7	4229641	0.00002	128	Period	ALL
601050.2	4229891	0.00002	128	Period	ALL
601051.3	4229686	0.00002	128	Period	ALL
601053	4229730	0.00002	128	Period	ALL
601054.7	4229775	0.00002	128	Period	ALL

Industrial Receptors

TAC Benzene
Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
601055.8	4229570	0.00002	128	Period	ALL
601057.5	4229614	0.00002	128	Period	ALL
601058.6	4230114	0.00002	128	Period	ALL
601059.2	4229659	0.00002	128	Period	ALL
601060.8	4229703	0.00002	128	Period	ALL
601062.5	4229748	0.00002	128	Period	ALL
601065.3	4229587	0.00002	128	Period	ALL
601066.9	4230337	0.00002	128	Period	ALL
601067	4229632	0.00002	128	Period	ALL
601068.7	4229676	0.00002	128	Period	ALL
601070.4	4229721	0.00002	128	Period	ALL
601072	4229765	0.00002	128	Period	ALL
601073.2	4229560	0.00002	128	Period	ALL
601074.9	4229605	0.00002	128	Period	ALL
601076.5	4229649	0.00002	128	Period	ALL
601078.2	4229694	0.00002	128	Period	ALL
601079.9	4229739	0.00002	128	Period	ALL
601082.7	4229578	0.00002	128	Period	ALL
601084.4	4229622	0.00002	128	Period	ALL
601086	4229667	0.00002	128	Period	ALL
601087.7	4229712	0.00002	128	Period	ALL
601089.4	4229756	0.00002	128	Period	ALL
601089.4	4229756	0.00002	128	Period	ALL
601090.5	4229551	0.00002	128	Period	ALL
601092.2	4229595	0.00002	128	Period	ALL
601093.9	4229640	0.00002	128	Period	ALL
601095.6	4229685	0.00002	128	Period	ALL
601097.2	4229729	0.00002	128	Period	ALL
601097.8	4229979	0.00002	128	Period	ALL
601100.1	4229568	0.00002	128	Period	ALL
601101.7	4229613	0.00002	128	Period	ALL
601103.4	4229658	0.00002	128	Period	ALL
601105.1	4229702	0.00002	128	Period	ALL
601106.1	4230202	0.00002	128	Period	ALL
601106.8	4229747	0.00002	128	Period	ALL
601107.9	4229541	0.00002	128	Period	ALL
601109.6	4229586	0.00002	128	Period	ALL
601111.3	4229631	0.00002	128	Period	ALL
601112.9	4229675	0.00002	128	Period	ALL
601114.4	4230425	0.00002	128	Period	ALL
601114.6	4229720	0.00002	128	Period	ALL
601117.4	4229559	0.00002	128	Period	ALL

Industrial Receptors

TAC Benzene
Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
601119.1	4229604	0.00002	128	Period	ALL
601120.8	4229648	0.00002	128	Period	ALL
601122.4	4229693	0.00002	128	Period	ALL
601124.1	4229737	0.00002	128	Period	ALL
601125.3	4229532	0.00002	128	Period	ALL
601126.9	4229577	0.00002	128	Period	ALL
601128.6	4229621	0.00002	128	Period	ALL
601128.6	4229621	0.00002	128	Period	ALL
601130.3	4229666	0.00002	128	Period	ALL
601131.9	4229710	0.00002	128	Period	ALL
601134.8	4229550	0.00002	128	Period	ALL
601136.4	4229594	0.00002	128	Period	ALL
601136.9	4229844	0.00002	128	Period	ALL
601138.1	4229639	0.00002	128	Period	ALL
601139.8	4229683	0.00002	128	Period	ALL
601141.4	4229728	0.00002	128	Period	ALL
601142.6	4229523	0.00002	128	Period	ALL
601144.3	4229567	0.00002	128	Period	ALL
601145.3	4230067	0.00002	128	Period	ALL
601145.9	4229612	0.00002	128	Period	ALL
601147.6	4229656	0.00002	128	Period	ALL
601149.3	4229701	0.00002	128	Period	ALL
601152.1	4229540	0.00002	128	Period	ALL
601153.6	4230290	0.00002	128	Period	ALL
601153.8	4229585	0.00002	128	Period	ALL
601155.4	4229629	0.00002	128	Period	ALL
601157.1	4229674	0.00002	128	Period	ALL
601158.8	4229719	0.00002	128	Period	ALL
601159.9	4229513	0.00002	128	Period	ALL
601161.6	4229558	0.00002	128	Period	ALL
601163.3	4229602	0.00002	128	Period	ALL
601164.9	4229647	0.00002	128	Period	ALL
601166.6	4229692	0.00002	128	Period	ALL
601169.4	4229531	0.00002	128	Period	ALL
601171.1	4229576	0.00002	128	Period	ALL
601172.8	4229620	0.00002	128	Period	ALL
601174.4	4229665	0.00002	128	Period	ALL
601176.1	4229709	0.00002	128	Period	ALL
601176.1	4229709	0.00002	128	Period	ALL
601177.3	4229504	0.00002	128	Period	ALL
601178.9	4229549	0.00002	128	Period	ALL
601180.6	4229593	0.00002	128	Period	ALL

Industrial Receptors

TAC Benzene
Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
601182.3	4229638	0.00002	128	Period	ALL
601183.9	4229682	0.00002	128	Period	ALL
601184.5	4229932	0.00002	128	Period	ALL
601186.8	4229522	0.00002	128	Period	ALL
601188.4	4229566	0.00002	128	Period	ALL
601190.1	4229611	0.00002	128	Period	ALL
601191.8	4229655	0.00002	128	Period	ALL
601192.8	4230155	0.00002	128	Period	ALL
601193.5	4229700	0.00002	128	Period	ALL
601194.6	4229495	0.00002	128	Period	ALL
601196.3	4229539	0.00002	128	Period	ALL
601198	4229584	0.00002	128	Period	ALL
601199.6	4229628	0.00002	128	Period	ALL
601201.2	4230378	0.00002	128	Period	ALL
601201.3	4229673	0.00002	128	Period	ALL
601204.1	4229512	0.00002	128	Period	ALL
601205.8	4229557	0.00002	128	Period	ALL
601207.5	4229601	0.00002	128	Period	ALL
601209.1	4229646	0.00002	128	Period	ALL
601210.8	4229690	0.00002	128	Period	ALL
601212	4229485	0.00002	128	Period	ALL
601213.6	4229530	0.00002	128	Period	ALL
601215.3	4229574	0.00002	128	Period	ALL
601215.3	4229574	0.00002	128	Period	ALL
601217	4229619	0.00002	128	Period	ALL
601218.7	4229663	0.00002	128	Period	ALL
601221.5	4229503	0.00002	128	Period	ALL
601223.1	4229547	0.00002	128	Period	ALL
601223.7	4229797	0.00002	128	Period	ALL
601224.8	4229592	0.00002	128	Period	ALL
601226.5	4229637	0.00002	128	Period	ALL
601228.2	4229681	0.00002	128	Period	ALL
601229.3	4229476	0.00002	128	Period	ALL
601231	4229520	0.00002	128	Period	ALL
601232	4230020	0.00002	128	Period	ALL
601232.7	4229565	0.00002	128	Period	ALL
601234.3	4229610	0.00002	128	Period	ALL
601236	4229654	0.00002	128	Period	ALL
601238.8	4229493	0.00002	128	Period	ALL
601240.4	4230243	0.00002	128	Period	ALL
601240.5	4229538	0.00002	128	Period	ALL
601242.2	4229583	0.00002	128	Period	ALL

Industrial Receptors

TAC Benzene
Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
601243.9	4229627	0.00002	128	Period	ALL
601245.5	4229672	0.00002	128	Period	ALL
601246.7	4229466	0.00002	128	Period	ALL
601248.3	4229511	0.00002	128	Period	ALL
601250	4229556	0.00002	128	Period	ALL
601251.7	4229600	0.00002	128	Period	ALL
601253.4	4229645	0.00002	128	Period	ALL
601256.2	4229484	0.00002	128	Period	ALL
601257.9	4229529	0.00002	128	Period	ALL
601259.5	4229573	0.00002	128	Period	ALL
601261.2	4229618	0.00002	128	Period	ALL
601262.9	4229662	0.00002	128	Period	ALL
601262.9	4229662	0.00002	128	Period	ALL
601264	4229457	0.00002	128	Period	ALL
601265.7	4229502	0.00002	128	Period	ALL
601267.4	4229546	0.00002	128	Period	ALL
601269	4229591	0.00002	128	Period	ALL
601270.7	4229635	0.00002	128	Period	ALL
601271.3	4229885	0.00002	128	Period	ALL
601273.5	4229475	0.00002	128	Period	ALL
601275.2	4229519	0.00002	128	Period	ALL
601276.9	4229564	0.00002	128	Period	ALL
601278.6	4229608	0.00002	128	Period	ALL
601279.6	4230108	0.00002	128	Period	ALL
601280.3	4229653	0.00002	128	Period	ALL
601283.1	4229492	0.00002	128	Period	ALL
601284.7	4229537	0.00002	128	Period	ALL
601286.4	4229581	0.00002	128	Period	ALL
601287.9	4230331	0.00002	128	Period	ALL
601288.1	4229626	0.00002	128	Period	ALL
601292.6	4229510	0.00002	128	Period	ALL
601294.3	4229554	0.00002	128	Period	ALL
601295.9	4229599	0.00002	128	Period	ALL
601297.6	4229644	0.00002	128	Period	ALL
601302.1	4229527	0.00002	128	Period	ALL
601302.1	4229527	0.00002	128	Period	ALL
601303.3	4229465	0.00002	128	Period	ALL
601303.8	4229572	0.00002	128	Period	ALL
601305.4	4229617	0.00002	128	Period	ALL
601310.4	4229750	0.00002	128	Period	ALL
601311.6	4229545	0.00002	128	Period	ALL
601313.3	4229590	0.00002	128	Period	ALL

Industrial Receptors

TAC Benzene
Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
601314.9	4229634	0.00002	128	Period	ALL
601318.8	4229973	0.00002	128	Period	ALL
601321.1	4229563	0.00002	128	Period	ALL
601322.3	4229500	0.00002	128	Period	ALL
601322.8	4229607	0.00002	128	Period	ALL
601322.9	4229469	0.00002	128	Period	ALL
601327.1	4230196	0.00002	128	Period	ALL
601328.9	4229439	0.00002	128	Period	ALL
601330.6	4229580	0.00002	128	Period	ALL
601332.3	4229625	0.00002	128	Period	ALL
601340.1	4229598	0.00002	128	Period	ALL
601341.3	4229535	0.00002	128	Period	ALL
601341.9	4229504	0.00002	128	Period	ALL
601342.5	4229473	0.00002	128	Period	ALL
601344.4	4229426	0.00002	128	Period	ALL
601349.6	4229615	0.00002	128	Period	ALL
601349.6	4229615	0.00002	128	Period	ALL
601351.5	4229582	0.00002	128	Period	ALL
601358	4229838	0.00002	128	Period	ALL
601360.8	4229600	0.00002	128	Period	ALL
601360.9	4229539	0.00002	128	Period	ALL
601361.5	4229508	0.00002	128	Period	ALL
601362.1	4229477	0.00002	128	Period	ALL
601362.8	4229567	0.00002	128	Period	ALL
601366.3	4230061	0.00002	128	Period	ALL
601368.1	4229446	0.00002	128	Period	ALL
601372.1	4229585	0.00002	128	Period	ALL
601374.2	4229552	0.00002	128	Period	ALL
601381.1	4229512	0.00002	128	Period	ALL
601381.7	4229481	0.00002	128	Period	ALL
601383.3	4229570	0.00002	128	Period	ALL
601383.6	4229434	0.00002	128	Period	ALL
601385.6	4229536	0.00002	128	Period	ALL
601394.5	4229555	0.00002	128	Period	ALL
601396.9	4229521	0.00002	128	Period	ALL
601397.2	4229703	0.00002	128	Period	ALL
601399.1	4229421	0.00002	128	Period	ALL
601401.3	4229484	0.00002	128	Period	ALL
601405.8	4229539	0.00002	128	Period	ALL
601407.3	4229454	0.00002	128	Period	ALL
601408.3	4229505	0.00002	128	Period	ALL
601410.3	4229533	0.00002	128	Period	ALL

Industrial Receptors

TAC Benzene
Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
601412.6	4229400	0.00002	128	Period	ALL
601417	4229524	0.00002	128	Period	ALL
601417.3	4229419	0.00002	128	Period	ALL

Industrial Receptors

TAC Bromoform
Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
600930.4	4229221	0.002697	0	8-HR	ALL

Industrial Receptors

TAC Cadmium and cadmium compounds
 Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
600974.1	4229750	0.00005	128	Period	ALL
600975.8	4229795	0.00005	128	Period	ALL
600981.9	4229723	0.00005	128	Period	ALL
600983.6	4229768	0.00005	128	Period	ALL
600985.3	4229812	0.00005	128	Period	ALL
600989.8	4229696	0.00005	128	Period	ALL
600991.4	4229741	0.00005	128	Period	ALL
600993.1	4229785	0.00005	128	Period	ALL
600997.6	4229669	0.00005	128	Period	ALL
600999.3	4229714	0.00005	128	Period	ALL
601000.9	4229758	0.00005	128	Period	ALL
601002.6	4229803	0.00005	128	Period	ALL
601002.6	4229803	0.00005	128	Period	ALL
601007.1	4229687	0.00005	128	Period	ALL
601008.8	4229731	0.00005	128	Period	ALL
601010.5	4229776	0.00005	128	Period	ALL
601014.9	4229660	0.00005	128	Period	ALL
601016.6	4229704	0.00005	128	Period	ALL
601018.3	4229749	0.00005	128	Period	ALL
601020	4229794	0.00005	128	Period	ALL
601022.8	4229633	0.00005	128	Period	ALL
601024.5	4229678	0.00005	128	Period	ALL
601026.1	4229722	0.00005	128	Period	ALL
601027.8	4229767	0.00005	128	Period	ALL
601032.3	4229651	0.00005	128	Period	ALL
601034	4229695	0.00005	128	Period	ALL
601035.7	4229740	0.00005	128	Period	ALL
601037.3	4229784	0.00005	128	Period	ALL
601040.1	4229624	0.00005	128	Period	ALL
601041.8	4229668	0.00005	128	Period	ALL
601041.8	4229668	0.00005	128	Period	ALL
601043.5	4229713	0.00005	128	Period	ALL
601045.2	4229757	0.00005	128	Period	ALL
601049.7	4229641	0.00005	128	Period	ALL
601050.2	4229891	0.00005	128	Period	ALL
601051.3	4229686	0.00005	128	Period	ALL
601053	4229730	0.00005	128	Period	ALL
601054.7	4229775	0.00005	128	Period	ALL
601057.5	4229614	0.00005	128	Period	ALL
601059.2	4229659	0.00005	128	Period	ALL
601060.8	4229703	0.00005	128	Period	ALL

Industrial Receptors

TAC Cadmium and cadmium compounds

Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
601062.5	4229748	0.00005	128	Period	ALL
601067	4229632	0.00005	128	Period	ALL
601068.7	4229676	0.00005	128	Period	ALL
601070.4	4229721	0.00005	128	Period	ALL
601072	4229765	0.00005	128	Period	ALL
601074.9	4229605	0.00005	128	Period	ALL
601076.5	4229649	0.00005	128	Period	ALL
601078.2	4229694	0.00005	128	Period	ALL
601079.9	4229739	0.00005	128	Period	ALL
601084.4	4229622	0.00005	128	Period	ALL
601086	4229667	0.00005	128	Period	ALL
601087.7	4229712	0.00005	128	Period	ALL
601089.4	4229756	0.00005	128	Period	ALL
601089.4	4229756	0.00005	128	Period	ALL
601093.9	4229640	0.00005	128	Period	ALL
601095.6	4229685	0.00005	128	Period	ALL
601097.2	4229729	0.00005	128	Period	ALL
601101.7	4229613	0.00005	128	Period	ALL
601103.4	4229658	0.00005	128	Period	ALL
601105.1	4229702	0.00005	128	Period	ALL
601106.8	4229747	0.00005	128	Period	ALL
601111.3	4229631	0.00005	128	Period	ALL
601112.9	4229675	0.00005	128	Period	ALL
601114.6	4229720	0.00005	128	Period	ALL
601119.1	4229604	0.00005	128	Period	ALL
601120.8	4229648	0.00005	128	Period	ALL
601122.4	4229693	0.00005	128	Period	ALL
601124.1	4229737	0.00005	128	Period	ALL
601128.6	4229621	0.00005	128	Period	ALL
601128.6	4229621	0.00005	128	Period	ALL
601130.3	4229666	0.00005	128	Period	ALL
601131.9	4229710	0.00005	128	Period	ALL
601136.9	4229844	0.00005	128	Period	ALL
601138.1	4229639	0.00005	128	Period	ALL
601139.8	4229683	0.00005	128	Period	ALL
601141.4	4229728	0.00005	128	Period	ALL
601145.9	4229612	0.00005	128	Period	ALL
601147.6	4229656	0.00005	128	Period	ALL
601149.3	4229701	0.00005	128	Period	ALL
601155.4	4229629	0.00005	128	Period	ALL
601157.1	4229674	0.00005	128	Period	ALL
601158.8	4229719	0.00005	128	Period	ALL

Industrial Receptors

TAC Cadmium and cadmium compounds

Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
601164.9	4229647	0.00005	128	Period	ALL
601166.6	4229692	0.00005	128	Period	ALL
601174.4	4229665	0.00005	128	Period	ALL
601176.1	4229709	0.00005	128	Period	ALL
601176.1	4229709	0.00005	128	Period	ALL
601183.9	4229682	0.00005	128	Period	ALL
601193.5	4229700	0.00005	128	Period	ALL

Industrial Receptors
TAC Chloroform
Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
600904.7	4229788	0.00003	128	Period	ALL
600906.4	4229832	0.00003	128	Period	ALL
600912.6	4229761	0.00003	128	Period	ALL
600914.2	4229805	0.00003	128	Period	ALL
600915.9	4229850	0.00003	128	Period	ALL
600915.9	4229850	0.00003	128	Period	ALL
600920.4	4229734	0.00003	128	Period	ALL
600922.1	4229778	0.00003	128	Period	ALL
600923.8	4229823	0.00003	128	Period	ALL
600928.3	4229707	0.00003	128	Period	ALL
600929.9	4229751	0.00003	128	Period	ALL
600931.6	4229796	0.00003	128	Period	ALL
600933.3	4229841	0.00003	128	Period	ALL
600936.1	4229680	0.00003	128	Period	ALL
600937.8	4229724	0.00003	128	Period	ALL
600939.4	4229769	0.00003	128	Period	ALL
600941.1	4229814	0.00003	128	Period	ALL
600943.9	4229653	0.00003	128	Period	ALL
600945.6	4229697	0.00003	128	Period	ALL
600947.3	4229742	0.00003	128	Period	ALL
600948.9	4229787	0.00003	128	Period	ALL
600950.6	4229831	0.00003	128	Period	ALL
600953.4	4229670	0.00003	128	Period	ALL
600955.1	4229715	0.00003	128	Period	ALL
600955.1	4229715	0.00003	128	Period	ALL
600956.8	4229760	0.00003	128	Period	ALL
600958.4	4229804	0.00003	128	Period	ALL
600961.3	4229643	0.00003	128	Period	ALL
600962.9	4229688	0.00003	128	Period	ALL
600963.4	4229938	0.00003	128	Period	ALL
600964.6	4229733	0.00003	128	Period	ALL
600966.3	4229777	0.00003	128	Period	ALL
600967.9	4229822	0.00003	128	Period	ALL
600970.8	4229661	0.00003	128	Period	ALL
600971.8	4230161	0.00003	128	Period	ALL
600972.4	4229706	0.00003	128	Period	ALL
600974.1	4229750	0.00003	128	Period	ALL
600975.8	4229795	0.00003	128	Period	ALL
600978.6	4229634	0.00003	128	Period	ALL
600980.3	4229679	0.00003	128	Period	ALL

Industrial Receptors

TAC Chloroform
Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
600981.9	4229723	0.00003	128	Period	ALL
600983.6	4229768	0.00003	128	Period	ALL
600985.3	4229812	0.00003	128	Period	ALL
600988.1	4229652	0.00003	128	Period	ALL
600989.8	4229696	0.00003	128	Period	ALL
600991.4	4229741	0.00003	128	Period	ALL
600993.1	4229785	0.00003	128	Period	ALL
600995.9	4229625	0.00003	128	Period	ALL
600997.6	4229669	0.00003	128	Period	ALL
600999.3	4229714	0.00003	128	Period	ALL
601000.9	4229758	0.00003	128	Period	ALL
601002.6	4229803	0.00003	128	Period	ALL
601002.6	4229803	0.00003	128	Period	ALL
601005.4	4229642	0.00003	128	Period	ALL
601007.1	4229687	0.00003	128	Period	ALL
601008.8	4229731	0.00003	128	Period	ALL
601010.5	4229776	0.00003	128	Period	ALL
601011	4230026	0.00003	128	Period	ALL
601013.3	4229615	0.00003	128	Period	ALL
601014.9	4229660	0.00003	128	Period	ALL
601016.6	4229704	0.00003	128	Period	ALL
601018.3	4229749	0.00003	128	Period	ALL
601020	4229794	0.00003	128	Period	ALL
601022.8	4229633	0.00003	128	Period	ALL
601024.5	4229678	0.00003	128	Period	ALL
601026.1	4229722	0.00003	128	Period	ALL
601027.8	4229767	0.00003	128	Period	ALL
601030.6	4229606	0.00003	128	Period	ALL
601032.3	4229651	0.00003	128	Period	ALL
601034	4229695	0.00003	128	Period	ALL
601035.7	4229740	0.00003	128	Period	ALL
601037.3	4229784	0.00003	128	Period	ALL
601040.1	4229624	0.00003	128	Period	ALL
601041.8	4229668	0.00003	128	Period	ALL
601041.8	4229668	0.00003	128	Period	ALL
601043.5	4229713	0.00003	128	Period	ALL
601045.2	4229757	0.00003	128	Period	ALL
601048	4229597	0.00003	128	Period	ALL
601049.7	4229641	0.00003	128	Period	ALL
601050.2	4229891	0.00003	128	Period	ALL
601051.3	4229686	0.00003	128	Period	ALL

Industrial Receptors
TAC Chloroform
Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
601053	4229730	0.00003	128	Period	ALL
601054.7	4229775	0.00003	128	Period	ALL
601057.5	4229614	0.00003	128	Period	ALL
601058.6	4230114	0.00003	128	Period	ALL
601059.2	4229659	0.00003	128	Period	ALL
601060.8	4229703	0.00003	128	Period	ALL
601062.5	4229748	0.00003	128	Period	ALL
601065.3	4229587	0.00003	128	Period	ALL
601067	4229632	0.00003	128	Period	ALL
601068.7	4229676	0.00003	128	Period	ALL
601070.4	4229721	0.00003	128	Period	ALL
601072	4229765	0.00003	128	Period	ALL
601074.9	4229605	0.00003	128	Period	ALL
601076.5	4229649	0.00003	128	Period	ALL
601078.2	4229694	0.00003	128	Period	ALL
601079.9	4229739	0.00003	128	Period	ALL
601082.7	4229578	0.00003	128	Period	ALL
601084.4	4229622	0.00003	128	Period	ALL
601086	4229667	0.00003	128	Period	ALL
601087.7	4229712	0.00003	128	Period	ALL
601089.4	4229756	0.00003	128	Period	ALL
601089.4	4229756	0.00003	128	Period	ALL
601092.2	4229595	0.00003	128	Period	ALL
601093.9	4229640	0.00003	128	Period	ALL
601095.6	4229685	0.00003	128	Period	ALL
601097.2	4229729	0.00003	128	Period	ALL
601097.8	4229979	0.00003	128	Period	ALL
601101.7	4229613	0.00003	128	Period	ALL
601103.4	4229658	0.00003	128	Period	ALL
601105.1	4229702	0.00003	128	Period	ALL
601106.1	4230202	0.00003	128	Period	ALL
601106.8	4229747	0.00003	128	Period	ALL
601109.6	4229586	0.00003	128	Period	ALL
601111.3	4229631	0.00003	128	Period	ALL
601112.9	4229675	0.00003	128	Period	ALL
601114.6	4229720	0.00003	128	Period	ALL
601119.1	4229604	0.00003	128	Period	ALL
601120.8	4229648	0.00003	128	Period	ALL
601122.4	4229693	0.00003	128	Period	ALL
601124.1	4229737	0.00003	128	Period	ALL
601126.9	4229577	0.00003	128	Period	ALL

Industrial Receptors
TAC Chloroform
Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
601128.6	4229621	0.00003	128	Period	ALL
601128.6	4229621	0.00003	128	Period	ALL
601130.3	4229666	0.00003	128	Period	ALL
601131.9	4229710	0.00003	128	Period	ALL
601136.4	4229594	0.00003	128	Period	ALL
601136.9	4229844	0.00003	128	Period	ALL
601138.1	4229639	0.00003	128	Period	ALL
601139.8	4229683	0.00003	128	Period	ALL
601141.4	4229728	0.00003	128	Period	ALL
601145.3	4230067	0.00003	128	Period	ALL
601145.9	4229612	0.00003	128	Period	ALL
601147.6	4229656	0.00003	128	Period	ALL
601149.3	4229701	0.00003	128	Period	ALL
601153.8	4229585	0.00003	128	Period	ALL
601155.4	4229629	0.00003	128	Period	ALL
601157.1	4229674	0.00003	128	Period	ALL
601158.8	4229719	0.00003	128	Period	ALL
601163.3	4229602	0.00003	128	Period	ALL
601164.9	4229647	0.00003	128	Period	ALL
601166.6	4229692	0.00003	128	Period	ALL
601171.1	4229576	0.00003	128	Period	ALL
601172.8	4229620	0.00003	128	Period	ALL
601174.4	4229665	0.00003	128	Period	ALL
601176.1	4229709	0.00003	128	Period	ALL
601176.1	4229709	0.00003	128	Period	ALL
601180.6	4229593	0.00003	128	Period	ALL
601182.3	4229638	0.00003	128	Period	ALL
601183.9	4229682	0.00003	128	Period	ALL
601184.5	4229932	0.00003	128	Period	ALL
601190.1	4229611	0.00003	128	Period	ALL
601191.8	4229655	0.00003	128	Period	ALL
601193.5	4229700	0.00003	128	Period	ALL
601198	4229584	0.00003	128	Period	ALL
601199.6	4229628	0.00003	128	Period	ALL
601201.3	4229673	0.00003	128	Period	ALL
601207.5	4229601	0.00003	128	Period	ALL
601209.1	4229646	0.00003	128	Period	ALL
601210.8	4229690	0.00003	128	Period	ALL
601217	4229619	0.00003	128	Period	ALL
601218.7	4229663	0.00003	128	Period	ALL
601223.7	4229797	0.00003	128	Period	ALL

Industrial Receptors
TAC Chloroform
Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
601226.5	4229637	0.00003	128	Period	ALL
601228.2	4229681	0.00003	128	Period	ALL
601232	4230020	0.00003	128	Period	ALL
601234.3	4229610	0.00003	128	Period	ALL
601236	4229654	0.00003	128	Period	ALL
601243.9	4229627	0.00003	128	Period	ALL
601245.5	4229672	0.00003	128	Period	ALL

Industrial Receptors

TAC Chromium^{hexavalent} & CR compounds
 Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
600964.6	4229733	0.00005	128	Period	ALL
600966.3	4229777	0.00005	128	Period	ALL
600967.9	4229822	0.00005	128	Period	ALL
600972.4	4229706	0.00005	128	Period	ALL
600974.1	4229750	0.00005	128	Period	ALL
600975.8	4229795	0.00005	128	Period	ALL
600981.9	4229723	0.00005	128	Period	ALL
600983.6	4229768	0.00005	128	Period	ALL
600985.3	4229812	0.00005	128	Period	ALL
600989.8	4229696	0.00005	128	Period	ALL
600991.4	4229741	0.00005	128	Period	ALL
600993.1	4229785	0.00005	128	Period	ALL
600997.6	4229669	0.00005	128	Period	ALL
600999.3	4229714	0.00005	128	Period	ALL
601000.9	4229758	0.00005	128	Period	ALL
601002.6	4229803	0.00005	128	Period	ALL
601002.6	4229803	0.00005	128	Period	ALL
601007.1	4229687	0.00005	128	Period	ALL
601008.8	4229731	0.00005	128	Period	ALL
601010.5	4229776	0.00005	128	Period	ALL
601014.9	4229660	0.00005	128	Period	ALL
601016.6	4229704	0.00005	128	Period	ALL
601018.3	4229749	0.00005	128	Period	ALL
601020	4229794	0.00005	128	Period	ALL
601024.5	4229678	0.00005	128	Period	ALL
601026.1	4229722	0.00005	128	Period	ALL
601027.8	4229767	0.00005	128	Period	ALL
601032.3	4229651	0.00005	128	Period	ALL
601034	4229695	0.00005	128	Period	ALL
601035.7	4229740	0.00005	128	Period	ALL
601037.3	4229784	0.00005	128	Period	ALL
601041.8	4229668	0.00005	128	Period	ALL
601041.8	4229668	0.00005	128	Period	ALL
601043.5	4229713	0.00005	128	Period	ALL
601045.2	4229757	0.00005	128	Period	ALL
601049.7	4229641	0.00005	128	Period	ALL
601050.2	4229891	0.00005	128	Period	ALL
601051.3	4229686	0.00005	128	Period	ALL
601053	4229730	0.00005	128	Period	ALL
601054.7	4229775	0.00005	128	Period	ALL

Industrial Receptors

TAC Chromium^{hexavalent} & CR compounds
 Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
601059.2	4229659	0.00005	128	Period	ALL
601060.8	4229703	0.00005	128	Period	ALL
601062.5	4229748	0.00005	128	Period	ALL
601067	4229632	0.00005	128	Period	ALL
601068.7	4229676	0.00005	128	Period	ALL
601070.4	4229721	0.00005	128	Period	ALL
601072	4229765	0.00005	128	Period	ALL
601076.5	4229649	0.00005	128	Period	ALL
601078.2	4229694	0.00005	128	Period	ALL
601079.9	4229739	0.00005	128	Period	ALL
601084.4	4229622	0.00005	128	Period	ALL
601086	4229667	0.00005	128	Period	ALL
601087.7	4229712	0.00005	128	Period	ALL
601089.4	4229756	0.00005	128	Period	ALL
601089.4	4229756	0.00005	128	Period	ALL
601093.9	4229640	0.00005	128	Period	ALL
601095.6	4229685	0.00005	128	Period	ALL
601097.2	4229729	0.00005	128	Period	ALL
601103.4	4229658	0.00005	128	Period	ALL
601105.1	4229702	0.00005	128	Period	ALL
601106.8	4229747	0.00005	128	Period	ALL
601111.3	4229631	0.00005	128	Period	ALL
601112.9	4229675	0.00005	128	Period	ALL
601114.6	4229720	0.00005	128	Period	ALL
601120.8	4229648	0.00005	128	Period	ALL
601122.4	4229693	0.00005	128	Period	ALL
601124.1	4229737	0.00005	128	Period	ALL
601130.3	4229666	0.00005	128	Period	ALL
601131.9	4229710	0.00005	128	Period	ALL
601136.9	4229844	0.00005	128	Period	ALL
601138.1	4229639	0.00005	128	Period	ALL
601139.8	4229683	0.00005	128	Period	ALL
601141.4	4229728	0.00005	128	Period	ALL
601147.6	4229656	0.00005	128	Period	ALL
601149.3	4229701	0.00005	128	Period	ALL
601157.1	4229674	0.00005	128	Period	ALL
601158.8	4229719	0.00005	128	Period	ALL
601166.6	4229692	0.00005	128	Period	ALL
601176.1	4229709	0.00005	128	Period	ALL
601176.1	4229709	0.00005	128	Period	ALL

Industrial Receptors

TAC Chromium^{trivalent} & Cr compounds
Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
600930.4	4229221	0.012516		08-HR	ALL

Industrial Receptors
 TAC Formaldehyde
 Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
601070.4	4229721	0.00198	128	Period	ALL
601078.2	4229694	0.00198	128	Period	ALL
601087.7	4229712	0.00198	128	Period	ALL
601095.6	4229685	0.00198	128	Period	ALL
601105.1	4229702	0.00198	128	Period	ALL

Industrial Receptors

TAC Methylene chloride [Dichloromethane]
 Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
601000.9	4229758	0.00016	128	Period	ALL
601008.8	4229731	0.00016	128	Period	ALL
601010.5	4229776	0.00016	128	Period	ALL
601018.3	4229749	0.00016	128	Period	ALL
601020	4229794	0.00016	128	Period	ALL
601026.1	4229722	0.00016	128	Period	ALL
601027.8	4229767	0.00016	128	Period	ALL
601034	4229695	0.00016	128	Period	ALL
601035.7	4229740	0.00016	128	Period	ALL
601037.3	4229784	0.00016	128	Period	ALL
601043.5	4229713	0.00016	128	Period	ALL
601045.2	4229757	0.00016	128	Period	ALL
601051.3	4229686	0.00016	128	Period	ALL
601053	4229730	0.00016	128	Period	ALL
601054.7	4229775	0.00016	128	Period	ALL
601060.8	4229703	0.00016	128	Period	ALL
601062.5	4229748	0.00016	128	Period	ALL
601070.4	4229721	0.00016	128	Period	ALL
601072	4229765	0.00016	128	Period	ALL
601078.2	4229694	0.00016	128	Period	ALL
601079.9	4229739	0.00016	128	Period	ALL
601087.7	4229712	0.00016	128	Period	ALL
601089.4	4229756	0.00016	128	Period	ALL
601089.4	4229756	0.00016	128	Period	ALL
601097.2	4229729	0.00016	128	Period	ALL
601106.8	4229747	0.00016	128	Period	ALL

Industrial Receptors

TAC Nickel and nickel compounds
 Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
601035.7	4229740	0.00018	128	Period	ALL
601045.2	4229757	0.00018	128	Period	ALL
601053	4229730	0.00018	128	Period	ALL
601054.7	4229775	0.00018	128	Period	ALL
601062.5	4229748	0.00018	128	Period	ALL
601070.4	4229721	0.00018	128	Period	ALL
601072	4229765	0.00018	128	Period	ALL
601079.9	4229739	0.00018	128	Period	ALL
601089.4	4229756	0.00018	128	Period	ALL
601089.4	4229756	0.00018	128	Period	ALL

Non-Industrial Receptors

TAC 1,3-Butadiene

Process Flare Thermal Oxidizer

X	Y	AVERAGE CONC	ZELEV	AVE	GRP	NUM HRS	NET ID
600798.94	4230628.00	0.00669	128	PERIOD	TO	43824	NA

Non-Industrial Receptors
TAC 1,3-Butadiene
Process Flare

X	Y	AVERAGE CONC	ZELEV	AVE	GRP	NUM HRS	NET ID
600798.94	4230628.00	0.06356	128	PERIOD	FLARE	43824	NA

Non-Industrial Receptors

TAC 1,3-Butadiene

Process Flare & Flare TO together

X	Y	AVERAGE CONC	ZELEV	AVE	GRP	NUM HRS	NET ID
600798.94	4230628.00	0.08801	128	PERIOD	BOTH	43824	NA

Non-Industrial Receptors

TAC 1,3-Butadiene

Process Plant-wide Fugitives

X	Y	AVERAGE CONC	ZELEV	AVE	GRP	NUM HRS	NET ID
600613.56	4229014.50	0.05824	128	PERIOD	ALLFUG	43824	NA

Non-Industrial Receptors

TAC Arsenic and arsenic compounds

Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
601462.1	4229615	0.00002	128	Period	ALL
601527.1	4229527	0.00002	128	Period	ALL
601557	4229639	0.00002	128	Period	ALL
601628.6	4229444	0.00002	128	Period	ALL
601675.2	4228878	0.00002	128	Period	ALL

Non-Industrial Receptors
TAC Benzene
Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
599461.1	4229869	0.00001	127.15	Period	ALL
599544.1	4229811	0.00001	127.9	Period	ALL
599576.8	4229976	0.00001	127	Period	ALL
599626.8	4229753	0.00001	128	Period	ALL
599643.3	4230134	0.00001	126.14	Period	ALL
599660	4229920	0.00001	127.8	Period	ALL
599709.5	4229694	0.00001	128	Period	ALL
599726.6	4230079	0.00001	127	Period	ALL
599743.2	4229863	0.00001	128	Period	ALL
599776.7	4230155	0.00001	126.93	Period	ALL
599810.1	4230024	0.00001	128	Period	ALL
599818.1	4228470	0.00001	128	Period	ALL
599826.3	4229806	0.00001	128	Period	ALL
599826.7	4230230	0.00001	126.27	Period	ALL
599860.1	4230100	0.00001	127.88	Period	ALL
599870.3	4228837	0.00001	128	Period	ALL
599874.8	4228552	0.00001	128	Period	ALL
599878.9	4228993	0.00001	128	Period	ALL
599893.5	4229969	0.00001	128	Period	ALL
599903.9	4228289	0.00001	128	Period	ALL
599910.1	4230175	0.00001	127.48	Period	ALL
599931.5	4228634	0.00001	128	Period	ALL
599943.5	4230044	0.00001	128	Period	ALL
599960.6	4228371	0.00001	128	Period	ALL
599962.8	4229203	0.00001	128	Period	ALL
599976.9	4229914	0.00001	128	Period	ALL
599978	4229348	0.00001	128	Period	ALL
599982	4229004	0.00001	128	Period	ALL
599988.3	4228717	0.00001	128	Period	ALL
599989.8	4228109	0.00001	128	Period	ALL
599993.5	4230120	0.00001	128	Period	ALL
600012.3	4230332	0.00001	127.01	Period	ALL
600017.3	4228454	0.00001	128	Period	ALL
600026.9	4229989	0.00001	128	Period	ALL
600031.4	4230230	0.00001	128	Period	ALL
600044.9	4228799	0.00001	128	Period	ALL
600045.6	4229076	0.00001	128	Period	ALL
600046.4	4228191	0.00001	128	Period	ALL
600060.9	4229222	0.00001	128	Period	ALL
600074.1	4228536	0.00001	128	Period	ALL

Non-Industrial Receptors
TAC Benzene
Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
600076.9	4230065	0.00001	128	Period	ALL
600078.4	4227645	0.00001	128	Period	ALL
600078.9	4227951	0.00001	128	Period	ALL
600096.3	4230511	0.00001	126.08	Period	ALL
600101.6	4228881	0.00001	128	Period	ALL
600103.2	4228273	0.00001	128	Period	ALL
600121.5	4227732	0.00001	128	Period	ALL
600130.8	4228619	0.00001	128	Period	ALL
600138.4	4228032	0.00001	128	Period	ALL
600147.9	4230434	0.00001	126.95	Period	ALL
600158.4	4228964	0.00001	128	Period	ALL
600159.1	4229241	0.00001	128	Period	ALL
600159.9	4228356	0.00001	128	Period	ALL
600169.8	4230334	0.00001	127.08	Period	ALL
600171.3	4227510	0.00001	128	Period	ALL
600172.5	4230569	0.00001	126	Period	ALL
600186.4	4227811	0.00001	128	Period	ALL
600187.5	4228701	0.00001	128	Period	ALL
600190	4230233	0.00001	128	Period	ALL
600198.6	4228114	0.00001	128	Period	ALL
600207.3	4230130	0.00001	128	Period	ALL
600215.1	4229046	0.00001	128	Period	ALL
600216.6	4228438	0.00001	128	Period	ALL
600228.2	4227899	0.00001	128	Period	ALL
600241.2	4227588	0.00001	128	Period	ALL
600244.2	4228783	0.00001	128	Period	ALL
600248.8	4230626	0.00001	126	Period	ALL
600249.1	4228198	0.00001	128	Period	ALL
600256.5	4227378	0.00001	128	Period	ALL
600271.8	4229128	0.00001	128	Period	ALL
600273.3	4228520	0.00001	128	Period	ALL
600275.3	4227678	0.00001	128	Period	ALL
600281.4	4230186	0.00001	128	Period	ALL
600283.4	4230536	0.00001	126.9	Period	ALL
600293.2	4227978	0.00001	128	Period	ALL
600300.9	4228866	0.00001	128	Period	ALL
600308.2	4230438	0.00001	127.02	Period	ALL
600309.3	4228279	0.00001	128	Period	ALL
600328.9	4227455	0.00001	128	Period	ALL
600330	4228603	0.00001	128	Period	ALL
600332.4	4230340	0.00001	128	Period	ALL
600345.6	4227756	0.00001	128	Period	ALL

Non-Industrial Receptors
TAC Benzene
Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
600355.6	4230241	0.00001	128	Period	ALL
600357.6	4228948	0.00001	128	Period	ALL
600358.9	4228364	0.00001	128	Period	ALL
600360.3	4228057	0.00001	128	Period	ALL
600377.4	4227847	0.00001	128	Period	ALL
600398.3	4228146	0.00001	128	Period	ALL
600404	4227531	0.00001	128	Period	ALL
600409.6	4227324	0.00001	128	Period	ALL
600414.3	4229030	0.00001	128	Period	ALL
600419.2	4228445	0.00001	128	Period	ALL
600419.8	4230672	0.00001	126	Period	ALL
600429.1	4227624	0.00001	128	Period	ALL
600447.9	4227924	0.00001	128	Period	ALL
600463.4	4230480	0.00001	127.75	Period	ALL
600465.7	4228225	0.00001	128	Period	ALL
600480.9	4228526	0.00001	128	Period	ALL
600483.1	4230758	0.00001	126	Period	ALL
600486.4	4227400	0.00001	128	Period	ALL
600501.1	4228314	0.00001	128	Period	ALL
600504.8	4227700	0.00001	128	Period	ALL
600514.6	4230661	0.00001	126.81	Period	ALL
600519.7	4230567	0.00001	127.07	Period	ALL
600521.9	4228001	0.00001	128	Period	ALL
600526.7	4227794	0.00001	128	Period	ALL
600543	4230845	0.00001	126	Period	ALL
600547.6	4228094	0.00001	128	Period	ALL
600556.9	4228932	0.00001	128	Period	ALL
600562.7	4227271	0.00001	128	Period	ALL
600566.9	4227474	0.00001	128	Period	ALL
600568.4	4228393	0.00001	128	Period	ALL
600575.3	4230748	0.00001	126.81	Period	ALL
600582.9	4227570	0.00001	128	Period	ALL
600602.8	4227870	0.00001	128	Period	ALL
600609.4	4230650	0.00001	127	Period	ALL
600613.6	4229015	0.00001	128	Period	ALL
600622.1	4228170	0.00001	128	Period	ALL
600633.1	4230835	0.00001	126.56	Period	ALL
600635.4	4230460	0.00001	128	Period	ALL
600640.1	4228470	0.00001	128	Period	ALL
600643.3	4228265	0.00001	128	Period	ALL
600643.9	4227345	0.00001	128	Period	ALL
600664	4227644	0.00001	128	Period	ALL

Non-Industrial Receptors
TAC Benzene
Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
600667.4	4230737	0.00001	127	Period	ALL
600675.9	4227742	0.00001	128	Period	ALL
600683.6	4227944	0.00001	128	Period	ALL
600688.2	4230548	0.00001	127.96	Period	ALL
600688.8	4230922	0.00001	126	Period	ALL
600696.8	4228042	0.00001	128	Period	ALL
600699.5	4231014	0.00001	125.94	Period	ALL
600704.1	4230639	0.00001	127.56	Period	ALL
600717.7	4228341	0.00001	128	Period	ALL
600723.2	4230824	0.00001	126.98	Period	ALL
600757.1	4231101	0.00001	125.95	Period	ALL
600759.6	4230726	0.00001	127.21	Period	ALL
600795.4	4231003	0.00001	126.02	Period	ALL
600798.9	4230628	0.00001	128	Period	ALL
600813.1	4231188	0.00001	125.05	Period	ALL
600813.3	4230814	0.00001	127.02	Period	ALL
600814.3	4227434	0.00001	128	Period	ALL
600816.5	4227533	0.00001	128	Period	ALL
600826.3	4227633	0.00001	128	Period	ALL
600828.1	4227732	0.00001	128	Period	ALL
600837.9	4227832	0.00001	128	Period	ALL
600848.5	4227932	0.00001	128	Period	ALL
600849	4228031	0.00001	128	Period	ALL
600850.9	4231090	0.00001	126	Period	ALL
600851.8	4230716	0.00001	128	Period	ALL
600859.2	4228230	0.00001	128	Period	ALL
600859.6	4228131	0.00001	128	Period	ALL
600865.8	4230901	0.00001	127	Period	ALL
600867.7	4231275	0.00001	125.06	Period	ALL
600869.9	4228330	0.00001	128	Period	ALL
600886.9	4231366	0.00001	125	Period	ALL
600891.2	4230992	0.00001	126.17	Period	ALL
600903.4	4230803	0.00001	127.38	Period	ALL
600905.2	4231177	0.00001	126	Period	ALL
600942.6	4231453	0.00001	125	Period	ALL
600944.8	4231079	0.00001	126.11	Period	ALL
600958.4	4231264	0.00001	125.93	Period	ALL
600976.3	4227564	0.00001	128	Period	ALL
600983.1	4227763	0.00001	128	Period	ALL
600983.3	4231355	0.00001	125.62	Period	ALL
600987.1	4230980	0.00001	127	Period	ALL
600991.7	4227666	0.00001	128	Period	ALL

Non-Industrial Receptors
TAC Benzene
Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
600997.1	4231540	0.00001	125	Period	ALL
600997.4	4231166	0.00001	126	Period	ALL
600998.8	4227864	0.00001	128	Period	ALL
601004	4228062	0.00001	128	Period	ALL
601006.9	4228259	0.00001	128	Period	ALL
601016.4	4227966	0.00001	128	Period	ALL
601022.1	4228164	0.00001	128	Period	ALL
601023.3	4228558	0.00001	128	Period	ALL
601024.9	4228361	0.00001	128	Period	ALL
601037.3	4231442	0.00001	125.47	Period	ALL
601038.6	4231068	0.00001	126.51	Period	ALL
601042.7	4230881	0.00001	127.55	Period	ALL
601047.4	4228464	0.00001	128	Period	ALL
601049.2	4231254	0.00001	126	Period	ALL
601050.8	4231627	0.00001	125	Period	ALL
601079.7	4231344	0.00001	126	Period	ALL
601082.9	4230969	0.00001	127.31	Period	ALL
601089.5	4231156	0.00001	126.32	Period	ALL
601090.4	4228778	0.00001	128	Period	ALL
601090.5	4231529	0.00001	125.27	Period	ALL
601120.3	4228683	0.00001	128	Period	ALL
601132.1	4231431	0.00001	126	Period	ALL
601132.4	4231057	0.00001	127.26	Period	ALL
601139.9	4231243	0.00001	126.31	Period	ALL
601143	4231617	0.00001	125	Period	ALL
601150.1	4228588	0.00001	128	Period	ALL
601159.1	4228093	0.00001	128	Period	ALL
601159.5	4227896	0.00001	128	Period	ALL
601172.1	4231707	0.00001	125	Period	ALL
601176.1	4231332	0.00001	126.14	Period	ALL
601178.7	4230958	0.00001	128	Period	ALL
601179.9	4228492	0.00001	128	Period	ALL
601181.7	4231145	0.00001	127	Period	ALL
601183.9	4231519	0.00001	125.72	Period	ALL
601184.4	4228000	0.00001	128	Period	ALL
601209.7	4228397	0.00001	128	Period	ALL
601210.3	4228711	0.00001	128	Period	ALL
601225.1	4231794	0.00001	124.89	Period	ALL
601226.9	4231420	0.00001	126	Period	ALL
601230.6	4231233	0.00001	126.91	Period	ALL
601235.1	4231606	0.00001	125.65	Period	ALL
601236.2	4231980	0.00001	124.12	Period	ALL

Non-Industrial Receptors
TAC Benzene
Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
601239.5	4228301	0.00001	128	Period	ALL
601240.1	4228616	0.00001	128	Period	ALL
601268.9	4231696	0.00001	125.46	Period	ALL
601269.4	4228206	0.00001	128	Period	ALL
601269.9	4228520	0.00001	128	Period	ALL
601272.5	4231321	0.00001	126.85	Period	ALL
601277.3	4231508	0.00001	126	Period	ALL
601277.4	4231882	0.00001	124.85	Period	ALL
601299.8	4228425	0.00001	128	Period	ALL
601317.7	4232157	0.00001	124.16	Period	ALL
601320.5	4231783	0.00001	125.86	Period	ALL
601321.7	4231409	0.00001	126.84	Period	ALL
601327.3	4231595	0.00001	126	Period	ALL
601329.3	4231969	0.00001	124.85	Period	ALL
601361.3	4232059	0.00001	124.78	Period	ALL
601365.6	4231684	0.00001	126	Period	ALL
601367.9	4228670	0.00001	128	Period	ALL
601370.5	4232245	0.00001	124.07	Period	ALL
601370.6	4231497	0.00001	126.05	Period	ALL
601371.6	4231871	0.00001	125.83	Period	ALL
601390.4	4228355	0.00001	128	Period	ALL
601399.8	4230952	0.00001	128	Period	ALL
601413.6	4232146	0.00001	124.9	Period	ALL
601415.9	4231772	0.00001	126	Period	ALL
601416.1	4228582	0.00001	128	Period	ALL
601419.4	4231585	0.00001	126	Period	ALL
601422.4	4231958	0.00001	125	Period	ALL
601422.9	4232332	0.00001	124	Period	ALL
601453.6	4232422	0.00001	124	Period	ALL
601458.3	4232048	0.00001	125.05	Period	ALL
601462.1	4229615	0.00001	128	Period	ALL
601462.4	4231673	0.00001	126.03	Period	ALL
601464.1	4228495	0.00001	128	Period	ALL
601465.3	4232234	0.00001	124.89	Period	ALL
601465.8	4231860	0.00001	125.97	Period	ALL
601506.3	4232509	0.00001	124.03	Period	ALL
601509.4	4232135	0.00001	125.03	Period	ALL
601511.3	4231761	0.00001	126	Period	ALL
601512.3	4228407	0.00001	128	Period	ALL
601515.6	4231947	0.00001	125.98	Period	ALL
601516.7	4232321	0.00001	124.98	Period	ALL
601525.4	4228645	0.00001	128	Period	ALL

Non-Industrial Receptors
TAC Benzene
Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
601527.1	4229527	0.00001	128	Period	ALL
601550.8	4232411	0.00001	124.4	Period	ALL
601555.3	4232036	0.00001	126	Period	ALL
601557	4229639	0.00001	128	Period	ALL
601558.5	4232597	0.00001	124	Period	ALL
601560	4231849	0.00001	126	Period	ALL
601560.1	4232223	0.00001	125	Period	ALL
601579.9	4228561	0.00001	128	Period	ALL
601597.5	4229737	0.00001	128	Period	ALL
601602.4	4232498	0.00001	124.98	Period	ALL
601605.2	4232124	0.00001	125.97	Period	ALL
601606.7	4231750	0.00001	126.05	Period	ALL
601608.7	4231937	0.00001	126	Period	ALL
601610.5	4232310	0.00001	125	Period	ALL
601617	4228705	0.00001	128	Period	ALL
601620.8	4230947	0.00001	128	Period	ALL
601624.4	4229548	0.00001	128	Period	ALL
601628.6	4229444	0.00001	128	Period	ALL
601634.4	4228477	0.00001	128	Period	ALL
601648	4232400	0.00001	125.03	Period	ALL
601652.3	4232025	0.00001	126	Period	ALL
601653.8	4232586	0.00001	124.97	Period	ALL
601654.3	4231838	0.00001	126.11	Period	ALL
601654.9	4232212	0.00001	125.94	Period	ALL
601660.7	4229651	0.00001	128	Period	ALL
601669.8	4229791	0.00001	128	Period	ALL
601673.6	4228622	0.00001	128	Period	ALL
601675.2	4228878	0.00001	128	Period	ALL
601688.9	4228393	0.00001	128	Period	ALL
601698.6	4232487	0.00001	125.08	Period	ALL
601701.1	4232113	0.00001	126	Period	ALL
601701.8	4231926	0.00001	126.1	Period	ALL
601704.3	4232300	0.00001	125.63	Period	ALL
601723.8	4229566	0.00001	128	Period	ALL
601727.8	4229468	0.00001	128	Period	ALL
601730.1	4228540	0.00001	128	Period	ALL
601734.7	4229703	0.00001	128	Period	ALL
601738.8	4228802	0.00001	128	Period	ALL
601745.2	4232388	0.00001	125.94	Period	ALL
601749.6	4232201	0.00001	126	Period	ALL
601786.3	4229786	0.00001	128	Period	ALL
601786.6	4228711	0.00001	128	Period	ALL

Non-Industrial Receptors
TAC Benzene
Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
601786.7	4228457	0.00001	128	Period	ALL
601798.2	4232289	0.00001	126	Period	ALL
601799.7	4229615	0.00001	128	Period	ALL
601834.2	4229521	0.00001	128	Period	ALL
601841.9	4230941	0.00001	128	Period	ALL
601843.3	4228375	0.00001	128	Period	ALL
601848.4	4228633	0.00001	128	Period	ALL
601852.6	4229696	0.00001	128	Period	ALL
601881.3	4228798	0.00001	128	Period	ALL
601881.9	4229809	0.00001	128	Period	ALL
601884.5	4228972	0.00001	128	Period	ALL
601899.8	4228292	0.00001	128	Period	ALL
601910.2	4228556	0.00001	128	Period	ALL
601918.9	4229606	0.00001	128	Period	ALL
601949.3	4229717	0.00001	128	Period	ALL
601953.6	4228730	0.00001	128	Period	ALL
601955.3	4229862	0.00001	128	Period	ALL
601959.4	4228466	0.00001	128	Period	ALL
601962.3	4228909	0.00001	128	Period	ALL
601989.9	4229021	0.00001	128	Period	ALL
602016.7	4229626	0.00001	128	Period	ALL
602020.2	4228388	0.00001	128	Period	ALL
602020.9	4229522	0.00001	128	Period	ALL
602023.5	4229769	0.00001	128	Period	ALL
602026	4228663	0.00001	128	Period	ALL
602039.6	4228845	0.00001	128	Period	ALL
602059.5	4229873	0.00001	128	Period	ALL
602060.4	4228560	0.00001	128	Period	ALL
602062.9	4230935	0.00001	128	Period	ALL
602066.3	4228953	0.00001	128	Period	ALL
602071.1	4228300	0.00001	128	Period	ALL
602091.8	4229677	0.00001	128	Period	ALL
602092.9	4229060	0.00001	128	Period	ALL
602100.4	4229467	0.00001	128	Period	ALL
602117.3	4228782	0.00001	128	Period	ALL
602125.4	4229784	0.00001	128	Period	ALL
602128	4229578	0.00001	128	Period	ALL
602129.6	4228489	0.00001	128	Period	ALL
602144.3	4228891	0.00001	128	Period	ALL
602169.4	4228391	0.00001	128	Period	ALL
602171.3	4229000	0.00001	128	Period	ALL
602177.8	4229865	0.00001	128	Period	ALL

Non-Industrial Receptors
TAC Benzene
Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
602191.3	4229694	0.00001	128	Period	ALL
602195	4228720	0.00001	128	Period	ALL
602198.3	4229109	0.00001	128	Period	ALL
602199.7	4229491	0.00001	128	Period	ALL
602222.3	4228830	0.00001	128	Period	ALL
602226.4	4229599	0.00001	128	Period	ALL
602236.4	4228318	0.00001	128	Period	ALL
602244.4	4229775	0.00001	128	Period	ALL
602249.6	4228940	0.00001	128	Period	ALL
602267.6	4228481	0.00001	128	Period	ALL
602272.7	4228657	0.00001	128	Period	ALL
602274.3	4229887	0.00001	128	Period	ALL
602276.8	4229050	0.00001	128	Period	ALL
602300.2	4228768	0.00001	128	Period	ALL
602303.6	4228245	0.00001	128	Period	ALL
602304.1	4229160	0.00001	128	Period	ALL
602306.3	4229545	0.00001	128	Period	ALL
602311.1	4229684	0.00001	128	Period	ALL
602327.7	4228879	0.00001	128	Period	ALL
602331.4	4229270	0.00001	128	Period	ALL
602341.8	4228415	0.00001	128	Period	ALL
602350.4	4228594	0.00001	128	Period	ALL
602355.3	4228990	0.00001	128	Period	ALL
602378.1	4228706	0.00001	128	Period	ALL
602382.8	4229101	0.00001	128	Period	ALL
602385.9	4229490	0.00001	128	Period	ALL
602405.8	4228818	0.00001	128	Period	ALL
602410.3	4229212	0.00001	128	Period	ALL
602413.3	4229600	0.00001	128	Period	ALL
602415.8	4228349	0.00001	128	Period	ALL
602427.8	4228530	0.00001	128	Period	ALL
602433.5	4228930	0.00001	128	Period	ALL
602437.8	4229323	0.00001	128	Period	ALL
602447.3	4228243	0.00001	128	Period	ALL
602454.9	4228639	0.00001	128	Period	ALL
602461.3	4229042	0.00001	128	Period	ALL
602465.3	4229434	0.00001	128	Period	ALL
602481.9	4228749	0.00001	128	Period	ALL
602489	4229153	0.00001	128	Period	ALL
602505.4	4228467	0.00001	128	Period	ALL
602509	4228858	0.00001	128	Period	ALL
602516.7	4229265	0.00001	128	Period	ALL

Non-Industrial Receptors
TAC Benzene
Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
602532.8	4228577	0.00001	128	Period	ALL
602536.1	4228967	0.00001	128	Period	ALL
602560	4228688	0.00001	128	Period	ALL
602563.2	4229077	0.00001	128	Period	ALL
602583.1	4228405	0.00001	128	Period	ALL
602587.3	4228798	0.00001	128	Period	ALL
602590.3	4229186	0.00001	128	Period	ALL
602610.6	4228515	0.00001	128	Period	ALL
602614.6	4228908	0.00001	128	Period	ALL
602638.1	4228626	0.00001	128	Period	ALL
602660.8	4228342	0.00001	128	Period	ALL
602665.5	4228737	0.00001	128	Period	ALL
602688.4	4228453	0.00001	128	Period	ALL
602692.9	4228848	0.00001	128	Period	ALL
602716.1	4228565	0.00001	128	Period	ALL
602743.7	4228676	0.00001	128	Period	ALL
602794	4228503	0.00001	128	Period	ALL

Non-Industrial Receptors
TAC Bromoform
Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
<u>600613.6</u>	<u>4229015</u>	<u>0.00025</u>	<u>128</u>	<u>8-HR</u>	<u>ALL</u>

Non-Industrial Receptors

TAC Cadmium and cadmium compounds

Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
601462.1	4229615	0.00003	128	Period	ALL
601527.1	4229527	0.00003	128	Period	ALL
601557	4229639	0.00003	128	Period	ALL
601675.2	4228878	0.00003	128	Period	ALL

Non-Industrial Receptors
TAC Chloroform
Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
600851.8	4230716	0.00002	128	Period	ALL
600903.4	4230803	0.00002	127.38	Period	ALL
600987.1	4230980	0.00002	127	Period	ALL
601038.6	4231068	0.00002	126.51	Period	ALL
601042.7	4230881	0.00002	127.55	Period	ALL
601082.9	4230969	0.00002	127.31	Period	ALL
601132.4	4231057	0.00002	127.26	Period	ALL
601178.7	4230958	0.00002	128	Period	ALL
601462.1	4229615	0.00002	128	Period	ALL
601527.1	4229527	0.00002	128	Period	ALL
601557	4229639	0.00002	128	Period	ALL
601597.5	4229737	0.00002	128	Period	ALL
601624.4	4229548	0.00002	128	Period	ALL
601628.6	4229444	0.00002	128	Period	ALL
601675.2	4228878	0.00002	128	Period	ALL

Non-Industrial Receptors

TAC Chromium^{hexavalent} & CR compounds
 Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
600613.6	4229015	0.001323	128	8-HR	ALL

Non-Industrial Receptors

TAC Chromium^{trivalent} & Cr compounds
 Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
600613.6	4229015	0.001327	128	8-HR	ALL

Non-Industrial Receptors
TAC Formaldehyde
Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
601462.1	4229615	0.00111	128	Period	ALL

Non-Industrial Receptors

TAC Methylene chloride [Dichloromethane]
Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
601462.1	4229615	0.00009	128	Period	ALL
601527.1	4229527	0.00009	128	Period	ALL

Non-Industrial Receptors

TAC Nickel and nickel compounds

Process U4 Powerhouse

X	Y	AVERAGE CONC	ZELEV	AVE	GRP
601462.1	4229615	0.0001	128	Period	ALL